EVS TEATAJA

Avaldatud 31.12.2025

Uued Eesti standardid

Standardikavandite **arvamusküsitlus**

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite **tõlked kommenteerimisel**

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

Ilmub alates 1993. aastast

ISSN 2806-1802

SISUKORD

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 15016-2:2023+A1:2025

Raudteealased rakendused. Tehnilised joonised. Osa 2: Osade loetelud
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+A1:2025
Asendab dokumenti: EVS-EN 15016-2:2023

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

EVS-EN 17463:2021+A1:2025

Valuation of Energy Related Investments (VALERI)

This document specifies requirements for a valuation of energy related investments (VALERI). It provides a description on how to gather, calculate, evaluate and document information in order to create solid business cases based on Net Present Value calculations for ERIs. The standard is applicable for the valuation of any kind of energy related investment. The document focusses mainly on the valuation and documentation of the economic impacts of ERIs. However, non-economic effects (e.g. noise reduction) that can occur through undertaking an investment are also considered. Thus, qualitative effects (e.g. impact on the environment) - even if they are non-monetisable - are taken into consideration.

Keel: en
Alusdokumendid: EN 17463:2021+A1:2025
Asendab dokumenti: EVS-EN 17463:2021

07 LOODUS- JA RAKENDUSTEADUSED

CWA 18315:2025

Guidelines for Blood-Brain Barrier on-Chip Models for Drug Delivery Testing

This CEN Workshop Agreement establishes standardized guidelines for developing and using BBB-on-chip models as a uniform platform for evaluating how drugs pass into the brain. By offering a common framework, the CWA seeks to decrease dependence on animal testing while enhancing the reproducibility, reliability, and comparability of results across different laboratories and research institutions. The document highlights five key areas essential for the successful deployment of BBB-on-chip technologies. - Microfluidic design and operation: Setting parameters such as flow rate, shear stress, and perfusion conditions to maintain physiologically relevant barrier function. - Cellular sources and culture strategies: Providing guidance on the use of primary versus iPSC-derived cells, along with best practices for endothelial co-culture systems, to enhance model robustness and biological relevance. - Drug permeability assessment: Standardizing testing protocols, including thresholds for TEER and the calculation of permeability coefficients, to ensure consistent criteria for evaluating drug transport across the BBB. - Model validation: Recommending the use of reference drugs and benchmarking methods based on established human BBB permeability data, ensuring that models can be compared and validated against known outcomes. - Data management and reporting: Establishing clear guidelines for documenting experimental design, methodology, and results, thereby enhancing transparency, reproducibility, and inter-laboratory comparability. Through these guidelines, the CWA aims to speed up the adoption of BBB-on-chip models in research, regulatory, and industrial environments, while endorsing the principles of the 3Rs in biomedical research.

Keel: en
Alusdokumendid: CWA 18315:2025

EVS-EN 18097:2025

Hydrometry - Measurement of precipitation intensity - Metrological requirements and test methods for non-catching type rain gauges

This document considers liquid atmospheric precipitation (rain) and defines the procedures and equipment to perform laboratory tests, in steady-state conditions, for the calibration, check and metrological confirmation of non-catching rainfall measurement instruments. This document is not applicable to field performance. It provides a classification of non-catching measurement instruments based on their laboratory performance. The classification does not relate to the physical principle used for the measurement, nor does it refer to the technical characteristics of the instrument assembly but is solely based on the instrument calibration. Attribution of a given class to an instrument is not intended as a high/low ranking of its quality but rather as a quantitative standardized method to declare the achievable measurement accuracy to provide guidance on the suitability for a particular purpose, while meeting the user's requirements.

Keel: en
Alusdokumendid: EN 18097:2025

11 TERVISEHOOLDUS

CWA 18308:2025

Evaluation of the mechanism of action of antiviral coated plastics and other coated non-porous surfaces

This document specifies proper methods to investigate the mechanism of action by which a coated specimen reduces viral infectivity titer. This protocol is intended to be used after the verification of the antiviral activity of a coated surface following the ISO 21702:2019 guideline. Two test procedures are described in this document. The first test, the drying test, aims to evaluate whether the antiviral activity of a coated material is due to the direct inactivation of virus particles. The second one, the ion release test aims to assess the potential indirect antiviral activity of ions released by a coated specimen. Due to the individual sensitivities, the results of one test virus might not be applicable for other viruses.

Keel: en
Alusdokumendid: CWA 18308:2025

CWA 18309:2025

Procedure for testing the antibacterial effect of the air filter after contamination through a bacterial bioaerosol

This document defines a standardized method for assessing the antibacterial effectiveness of air filtration media after exposure to a bacterial bioaerosol. The procedure includes the controlled generation and delivery of a bacterial aerosol, its contact with the test filter surface, and the subsequent evaluation of bacterial viability using both qualitative and quantitative approaches. This method is applicable to various types of air filters, including but not limited to HEPA filters, HVAC filters, coated filters, and filters treated with antimicrobial agents. It establishes validation criteria for controls, inoculum quality, and test conditions to ensure reproducibility and comparability of results across laboratories and applications. This procedure is specifically designed for air filters treated with antibacterial agents to confer antimicrobial properties. Untreated specimens of the same type and production batch shall be used as control specimens to assess the relative antibacterial performance under identical test conditions. The method is intended for use in research, quality control, and product development. It may also be used to facilitate conformity assessment procedures and regulatory compliance, where relevant and applicable.

Keel: en
Alusdokumendid: CWA 18309:2025

EVS-EN ISO 10993-17:2023/A1:2025

Meditsiiniseadmete bioloogiline hindamine. Osa 17: Meditsiiniseadme osade toksikoloogilise riski hindamine
Biological evaluation of medical devices - Part 17: Toxicological risk assessment of medical device constituents - Amendment 1 (ISO 10993-17:2023/Amd 1:2025)

Standardi EN ISO 10993-17:2023 muudatus

Keel: en
Alusdokumendid: ISO 10993-17:2023/Amd 1:2025; EN ISO 10993-17:2023/A1:2025
Muudab dokumenti: EVS-EN ISO 10993-17:2023

EVS-EN ISO 1135-4:2025

Meditsiinilised transfusiooniseadmed. Osa 4: Ühekordse kasutusega isevoolulised transfusioonikomplektid
Transfusion equipment for medical use - Part 4: Transfusion sets for single use, gravity feed (ISO 1135-4:2025)

This document specifies requirements for single use transfusion gravity sets for medical use to ensure their compatibility with containers for blood and blood components as well as with intravenous equipment. It also provides guidance on specifications relating to the quality and performance of materials used in transfusion sets, presents designations for transfusion set components, and ensures the compatibility of sets with a range of cellular and plasma blood components. NOTE In some countries, the national pharmacopoeia or other national regulations are legally binding and take precedence over this document.

Keel: en
Alusdokumendid: ISO 1135-4:2025; EN ISO 1135-4:2025
Asendab dokumenti: EVS-EN ISO 1135-4:2015

EVS-EN ISO 1135-5:2025

Meditsiinilised transfusiooniseadmed. Osa 5: Rõhkinfusiooniseadme ühekordse kasutusega transfusioonikomplektid
Transfusion equipment for medical use - Part 5: Transfusion sets for single use with pressure infusion apparatus (ISO 1135-5:2025)

This document specifies requirements for single use transfusion sets for use with pressure infusion equipment capable of generating pressures. It ensures compatibility with containers for blood and blood components as well as intravenous equipment. This document also provides guidance on specifications relating to the quality and performance of materials used in transfusion sets, to present designations for transfusion set components, and to ensure the compatibility of sets with red cell and plasma blood components. NOTE In some countries, the national pharmacopoeia or other national regulations are legally binding and take precedence over this document.

Keel: en
Alusdokumendid: ISO 1135-5:2025; EN ISO 1135-5:2025
Asendab dokumenti: EVS-EN ISO 1135-5:2015

EVS-EN ISO 17510:2025

Medical devices - Sleep apnoea breathing therapy - Masks and application accessories (ISO 17510:2025)

This document specifies requirements for masks and accessories, including any connecting element, that are required to connect the patient-connection port of sleep apnoea breathing therapy equipment to a patient for the application of sleep apnoea breathing therapy (e.g. nasal masks, exhaust ports and headgear). This document applies to masks and their accessories used to connect sleep apnoea breathing therapy equipment to the patient. The requirements in this document take priority over the requirements in ISO 18190. This document does not cover oral appliances. NOTE This document has been prepared to address the relevant essential principles[14] and labelling principles[15] of the International Medical Devices Regulators Forum (IMDRF) as indicated in Annex I.

Keel: en
Alusdokumendid: ISO 17510:2025; EN ISO 17510:2025
Asendab dokumenti: EVS-EN ISO 17510:2020

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TR 18249:2025

Head protection - Scientific background and rationale to EN 17950

This document describes the scientific background and rationale for the content of EN 17950, Protective helmets - Test methods - Shock absorption including measuring rotational kinematics.

Keel: en
Alusdokumendid: CEN/TR 18249:2025

CEN/TR 18260:2025

Sustainable Cities and Communities - A framework for standardization of services to the citizen

This document lays down a framework for a standardization project to establish and document best practice in the design and execution of smart and sustainable services made available by local government to citizens, both for residents and for visitors to a community. This document sets out the basic principles that are needed to be observed across the full range of services to be provided; it does not cover specific services. The project covers services, whether these are directly delivered by authorities or whether their delivery is outsourced to arms-length public bodies or private enterprises. The project does not cover specific technologies used in the delivery of electronic services. The work takes due account of, and complement, the work of ISO/TC 176 concerning local authorities' quality management systems, and of ISO/TC 312 concerning service excellence.

Keel: en
Alusdokumendid: CEN/TR 18260:2025

CLC IEC/TS 62271-320:2025

High-voltage switchgear and controlgear - Part 320: Environmental aspects and life cycle assessment rules for high-voltage switchgear and controlgear

IEC TS 62271-320:2025 provides guidance to suppliers, manufacturers, users, and waste operators of high-voltage switchgear and controlgear as well as their assemblies having a rated voltage above 1 kV AC and 1,5 kV

Keel: en
Alusdokumendid: CLC IEC/TS 62271-320:2025; IEC/TS 62271-320:2025

CWA 18310:2025

Assessment of ecotoxicity in PVD coatings subjected to accelerated ageing

This CWA defines a methodology for assessing the potential ecotoxicity of coatings developed using Physical Vapor Deposition (PVD) technology when applied to metallic substrates and subjected to accelerated ageing conditions. The procedure is intended to evaluate the release of functional elements, such as copper (Cu), silver (Ag), and zinc (Zn) from PVD coatings under conditions simulating two common environmental exposure scenarios: a) Repeated surface cleaning using chemical and mechanical actions; b) Prolonged exposure to humid or wet environments, such as those found in sanitary facilities. This methodology enables the collection of leachates and their subsequent ecotoxicological evaluation using aquatic toxicity assays. It provides guidance on sample preparation, ageing protocols, leachate collection, and reference to existing toxicological test methods. The procedure applies to the screening and development of PVD coatings intended for high-touch surfaces, particularly in public, medical, and sanitary environments. It supports compliance with EU environmental and product safety frameworks and aligns Safe and Sustainable by Design (SSbD) principles. This CWA does not cover the mechanical or antimicrobial performance assessment of PVD coatings, nor does it replace existing ecotoxicity testing standards for soluble chemicals or effluents.

Keel: en
Alusdokumendid: CWA 18310:2025

EVS-EN 12285-4:2025

Workshop fabricated steel tanks - Part 4: Vertical cylindrical single skin and double skin tanks for the aboveground storage of flammable and nonflammable water polluting liquids other than for heating and cooling of buildings

This document specifies the requirements for metallic shop fabricated cylindrical vertical steel tanks, single and double skin for the aboveground storage of water polluting liquids (both flammable and non-flammable) within the following limits: — from Ø 1250 mm up to Ø 4 000 mm inner tank nominal diameter, and — up to maximum overall shell length of 6 times the nominal inner tank diameter (or max 14 m shell lenght Lz), and — tank possible to be divided from 1 to 5 compartments, — for liquids with maximum density of up to 1,9 kg/l, and — with an operating pressure (P0) of maximum 50kPa (0,5 bar (g)) and minimum – 5 kPa (- 50 mbar (g)), and — where double skin tanks with vacuum leak detection system are used the kinematic viscosity of the stored media shall not exceed 5 × 10−3 m2/s. This document is applicable for normal ambient temperature conditions (−40 °C to + 50 °C). Where temperatures are outside this range, additional requirements need to be taken into account. This document is not applicable to tanks used for storage and/or supply of fuel/gas for building heating/cooling systems, and of hot or cold water not intended for human consumption, nor to loads and special measures necessary in areas subject to risk of earthquakes. This document is not applicable for the storage of liquids having dangerous goods classes listed in Table 1 because of the special dangers involved. Table 1 - List of dangerous goods which are not covered by this document UN-classification Type of dangerous goods Class 1 Explosives Class 4.2 Substances liable to spontaneous combustion Class 4.3 Substances which in contact with water emit flammable gases Class 5.2 Organic peroxides Class 6.2 Infectious substances Class 7 Radioactive substances, hydrocyanic or hydrocyanic solvent liquids, metal carbons, hydrofluoric acid, bromide liquids NOTE The classifications referred to are those adopted by the United Nations Committee of Experts on the Transport of Dangerous Goods (not to be interpreted as tank classes described in 6.2).

Keel: en
Alusdokumendid: EN 12285-4:2025

EVS-EN 16683:2025

Raudteealased rakendused. Hädaabi ja suhtlusseadmed. Nõuded raudteeveeremile
Railway applications - Call for aid and communication device - Requirements for heavy rail vehicles

This document covers heavy rail rolling stock. This document does not cover urban rail rolling stock. NOTE 1 EN 17355 covers communication device requirements for urban rail rolling stock. This document specifies: - the functional requirements for a call for aid system and communication device system; - the dynamic analysis of the call for aid system. NOTE 2 "Dynamic analysis" is understood here as a sequence of actions. NOTE 3 In a formation of vehicles where one complies with this document with one that does not, it is possible that the call for aid system is not fully functional. NOTE 4 The call for aid system function is separate from the Passenger Alarm System (PAS) function, which is provided to deal with emergency situations. The PAS is described in EN 16334-1:2014+A1:2022. NOTE 5 The communication device system can be different from the PAS, but it can share some or all parts of the PAS to achieve its functionalities. NOTE 6 The PAS is regarded as a safety relevant system whereas the CFA system and communication device system are non-safety relevant aids to passengers.

Keel: en
Alusdokumendid: EN 16683:2025
Asendab dokumenti: EVS-EN 16683:2015

EVS-EN 458:2025

Hearing protectors - Recommendations for selection, use, care and maintenance - Guidance document

This document gives recommendations for the selection, use, care and maintenance of hearing protectors.

Keel: en
Alusdokumendid: EN 458:2025
Asendab dokumenti: EVS-EN 458:2016

EVS-EN ISO 18227:2025

Environmental solid matrices - Determination of elemental composition by X-ray fluorescence spectrometry (ISO 18227:2025)

This document specifies the procedure for a quantitative determination of major and trace element concentrations in homogeneous solid waste, soil, soil-like material and sludge by energy dispersive X-ray fluorescence (EDXRF) spectrometry or wavelength dispersive X-ray fluorescence (WDXRF) spectrometry using a calibration with matrix-matched standards. This document is applicable for the following elements: Na, Mg, Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Se, Br, Rb, Sr, Y, Zr, Nb, Mo, Ag, Cd, Sn, Sb, Te, I, Cs, Ba, Ta, W, Hg, Tl, Pb, Bi, Th and U. Concentration levels between a mass fraction of approximately 0,000 1 % and 100 % can be determined depending on the element and the instrument used. An optional XRF screening method for solid and liquid material as waste, sludge and soil is added in Annex A which provides a total element characterization at a semi-quantitative level, where the calibration is based on matrix-independent calibration curves, previously set up by the manufacturer.

Keel: en
Alusdokumendid: ISO 18227:2025; EN ISO 18227:2025
Asendab dokumenti: EVS-EN 15309:2007

EVS-EN ISO 18589-7:2025

Measurement of radioactivity in the environment - Soil - Part 7: In situ measurement of gamma-emitting radionuclides (ISO 18589-7:2025)

This document specifies the identification of radionuclides and the measurement of their activity in soil using in situ gamma spectrometry with portable systems equipped with germanium or scintillation detectors. This document is suitable to rapidly assess the activity of artificial and natural radionuclides deposited on or present in soil layers of large areas of a site under investigation. This document can be used in connection with radionuclide measurements of soil samples in the laboratory (see ISO 18589-3) in the following cases: — routine surveillance of the impact of radioactivity released from nuclear installations or of the evolution of radioactivity in the region; — investigations of accident and incident situations; — planning and surveillance of remedial action; — decommissioning of installations or the clearance of materials. It can also be used for the identification of airborne artificial radionuclides, when assessing the exposure levels inside buildings or during waste disposal operations. Following a nuclear accident, in situ gamma spectrometry is a powerful method for rapid evaluation of the gamma activity deposited onto the soil surface as well as the surficial contamination of flat objects. NOTE The method described in this document is not suitable when the spatial distribution of the radionuclides in the environment is not precisely known (influence quantities, unknown distribution in soil) or in situations with very high photon flux. However, the use of small volume detectors with suitable electronics allows measurements to be performed under high photon flux.

Keel: en
Alusdokumendid: ISO 18589-7:2025; EN ISO 18589-7:2025
Asendab dokumenti: EVS-EN ISO 18589-7:2016

EVS-EN ISO 19085-15:2025

Puidutöötlusmasinad. Ohutus. Osa 15: Pressid
Woodworking machines - Safety - Part 15: Presses (ISO 19085-15:2025)

1.1 This document specifies the safety requirements and measures for — cold presses, — hot presses, — bending presses, — edge/face gluing presses, — membrane presses, and — embossing presses, where the pressing force is applied by hydraulic, pneumatic or electrical actuators pushing two flat or shaped surfaces against each other, capable of continuous production use, altogether referred to as “machines”. This document deals with all significant hazards, hazardous situations and events as listed in Annex A, relevant to machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer, including reasonably foreseeable misuse. Also, transport, assembly, dismantling, disabling and scrapping phases are taken into account. 1.2 This document is applicable to machines fitted with one or more of the following devices or additional working units, whose hazards have been dealt with: a) a device for hot gluing; b) a device for high-frequency gluing in the frequency range from 1 MHz to 400 MHz; c) a device for high-frequency shaping in the frequency range from 1 MHz to 400 MHz; d) an automatic workpiece loading and unloading system; e) an intermediate additional platen; f) a workpiece extractor; g) a horizontal pressing system; h) split moveable platens. 1.3 The machines are designed to process workpieces consisting of: a) solid wood; b) materials with similar characteristics to wood (see ISO 19085-1:2021, 3.2), except those with light alloy laminates/edges/profiles for high-frequency presses; c) wood-based material such as chipboard, fibreboard and plywood composed/laminated with steel sheets/edges/profiles, except for high-frequency presses; d) honeycomb board; e) composite boards made from the materials listed above. 1.4 This document does not deal with any hazards related to: — specific devices that differ from the list above; — hot fluid heating systems internal to the machine other than electrical; — any hot fluid heating systems external to the machine; — operation of taking intermediate platens out and in again; — the combination of a single machine being used with any other machine (as part of a line). 1.5 This document is not applicable to: — frame presses; — membrane presses where the pressing force is applied by vacuum only; — presses for producing chipboard, fibreboard, OSB; — machines intended for use in potentially explosive atmosphere; — machines manufactured before the date of publication of this document.

Keel: en
Alusdokumendid: ISO 19085-15:2025; EN ISO 19085-15:2025
Asendab dokumenti: EVS-EN ISO 19085-15:2021

EVS-EN ISO 23695:2025

Water quality - Determination of ammonium nitrogen in water - Small-scale sealed tube method (ISO 23695:2023)

This document specifies a method for the determination of ammonium nitrogen (NH4-N) in drinking water, groundwater, surface water, wastewater, bathing water and mineral water using the small-scale sealed tube method. The result can be expressed as NH4 or NH4-N or NH3 or NH3-N. NOTE 1 In the habitual language use of sewage treatment and on the displays of automated sealed-tube test photometers or spectrophotometers, NH4 without indication of the positive charge has become the common notation for the parameter ammonium. This notation is adopted in this document even though not being quite correct chemical nomenclature. This method is applicable to (NH4-N) concentration ranges from 0,01 mg/l to 1 800 mg/l of NH4-N. The measuring ranges of concentration can vary depending on the type of small-scale sealed tube method of different manufacturers. Concentrations even slightly higher than the upper limit indicated in the manufacturers manual relating to the small-scale sealed tube method used, cannot be reported as accurate results. It is up to the user to choose the small-scale sealed tube test with the appropriate application range or to adapt samples with concentrations exceeding the measuring range of a test by preliminary dilution. NOTE 2 The results of a small-scale sealed tube are most precise in the middle of the application range of the test. All manufacturers' methods are based on the Berthelot reaction and its modifications to develop indophenol blue colour. Reagents mixtures can differ slightly based on manufacturers small-scale sealed tube method, see Clause 9. This method is applicable to non-preserved samples by using small-scale sealed tubes for the determination of drinking water, groundwater, surface water, wastewater and to preserved samples. The method is applicable to samples with suspended materials if these materials are removable by filtration.

Keel: en
Alusdokumendid: ISO 23695:2023; EN ISO 23695:2025

EVS-EN ISO 23696-1:2025

Water quality - Determination of nitrate in water using small-scale sealed tubes - Part 1: Dimethylphenol colour reaction (ISO 23696-1:2023)

This document specifies a method for the determination of nitrate as NO3-N in water of various origin such as natural water (including groundwater, surface water and bathing water), drinking water and wastewater, in a measuring range of concentration between 0,10 mg/l and 225 mg/l of N03-N using the small-scale sealed tube method. Different measuring ranges of small-scale sealed tube methods can be required. The measuring ranges can vary depending on the type of the small-scale sealed tube method of different manufacturers. It is up to the user to choose the small-scale sealed tube test with the appropriate application range or to adapt samples with concentrations exceeding the measuring range of a test by preliminary dilution. NOTE 1 The results of a sealed-tube test are most precise in the middle of the application range of the test. Manufacturers' small-scale sealed tube methods are based on dimethylphenol colour reaction depending on the typical operating procedure of the small-scale sealed tube used, see Clause 9. NOTE 2 Laws, regulations or standards can require that the data is expressed as NO3- after conversion with the stoichiometric conversion factor 4,426 81 in Clause 11. NOTE 3 In the habitual language, use of sewage treatment and on the displays of automated sealed-tube test devices, NO3 without indication of the negative charge has become the common notation for the parameter nitrate and especially for the parameter nitrate-N. This notation is adopted in this document even though not being quite correct chemical nomenclature.

Keel: en
Alusdokumendid: ISO 23696-1:2023; EN ISO 23696-1:2025

EVS-EN ISO 23696-2:2025

Water quality - Determination of nitrate in water using small-scale sealed tubes - Part 2: Chromotropic acid colour reaction (ISO 23696-2:2023)

This document specifies a method for the determination of nitrate as NO3-N in water of various origin such as natural water (including groundwater, surface water and bathing water), drinking water and wastewater, in a measuring range of concentration between 0,20 mg/l and 30 mg/l of NO3-N using the small-scale sealed tube method. Different measuring ranges of small-scale sealed tube methods can be required. The measuring ranges can vary depending on the type of the small-scale sealed tube method of different manufacturers. It is up to the user to choose the small-scale sealed tube test with the appropriate application range or to adapt samples with concentrations exceeding the measuring range of a test by preliminary dilution. NOTE 1 The results of a small-scale sealed tube test are most precise in the middle of the application range of the test. Manufacturers' small-scale sealed tube methods are based on chromotropic colour reaction, depending on the typical operating procedure of the small-scale sealed tube used, see Clause 9. NOTE 2 Laws, regulations or standards can require that the data is expressed as NO3 after conversion with the stoichiometric conversion factor 4,426 81 in Clause 11. NOTE 3 In the habitual language, use of sewage treatment and on the displays of automated sealed-tube test devices, NO3 without indication of the negative charge has become the common notation for the parameter nitrate and especially for the parameter nitrate-N. This notation is adopted in this document even though not being quite correct chemical nomenclature.

Keel: en
Alusdokumendid: ISO 23696-2:2023; EN ISO 23696-2:2025

EVS-EN ISO 23697-1:2025

Water quality - Determination of total bound nitrogen (ST-TNb) in water using small-scale sealed tubes - Part 1: Dimethylphenol colour reaction (ISO 23697-1:2023)

This document specifies a method for the determination of total bound nitrogen (ST-TNb) in water of various origins: groundwater, surface water, and wastewater, in a measuring range of concentration generally between 0,5 mg/l and 220 mg/l of ST-TNb using the small-scale sealed tube method. Different measuring ranges of small-scale sealed tube methods can be required. The measuring ranges can vary depending on the type of small-scale sealed tube method of different manufacturers. It is up to the user to choose the small-scale sealed tube with the appropriate application range or to adapt samples with concentrations exceeding the measuring range of a test by preliminary dilution. NOTE The results of a small-scale sealed tube are most precise in the middle of the application range of the test. All small-scale sealed tube methods are based on a heated alkaline potassium persulfate oxidation in a heating block. Different digestion temperatures, 100 °C or 120 °C or 170 °C, and different digestion times are applicable. Dimethylphenol colour reactions are applied, depending on the typical operating procedure of the small-scale sealed tube used, see Clause 9.

Keel: en
Alusdokumendid: ISO 23697-1:2023; EN ISO 23697-1:2025

EVS-EN ISO 23697-2:2025

Water quality - Determination of total bound nitrogen (ST-TNb) in water using small-scale sealed tubes - Part 2: Chromotropic acid colour reaction (ISO 23697-2:2023)

This document specifies a method for the determination of total bound nitrogen (ST-TNb) in water of various origins: groundwater, surface water and wastewater, in a measuring range of concentration generally between 0,5 mg/l and 150 mg/l of ST-TNb using the small-scale sealed tube method. Different measuring ranges of small-scale sealed tube methods can be required. The measuring ranges can vary depending on the type of small-scale sealed tube method of different manufacturers. It is up to the user to choose the small-scale sealed tube test with the appropriate application range or to adapt samples with concentrations exceeding the measuring range of a test by preliminary dilution. NOTE The results of a small-scale sealed tube test are most precise in the middle of the application range of the test. All small-scale sealed tube methods are based on a heated alkaline potassium persulfate oxidation in a heating block at 100 °C and different digestion times are applicable. Chromotropic colour reaction is applied, depending on the typical operating procedure of the small-scale sealed tube used, see Clause 9.

Keel: en
Alusdokumendid: ISO 23697-2:2023; EN ISO 23697-2:2025

EVS-EN ISO 24181-1:2025

Rare earth - Determination of non-rare earth impurities in individual rare earth metals and their oxides - ICP-AES - Part 1: Analysis of Al, Ca, Mg, Fe and Si (ISO 24181-1:2024)

This document describes procedures for the determination of non-rare earth impurities in individual rare earth metals and their oxides through the use of inductively coupled plasma atomic emission spectroscopy (ICP-AES). Magnesium (Mg), aluminum (Al), silicon (Si), calcium (Ca) and iron (Fe) are included as non-rare earth impurity elements, and the measurement ranges for each impurity element are specified. The applicable measurement range (mass fraction %) of magnesium, aluminum, silicon and calcium is from 0,001 to 0,2, and that of iron is from 0,001 to 0,5. The verified measurement ranges in the interlaboratory tests are described later in this document.

Keel: en
Alusdokumendid: ISO 24181-1:2024; EN ISO 24181-1:2025

EVS-EN ISO 5349-3:2025

Mechanical vibration - Measurement and evaluation of human exposure to hand-transmitted vibration - Part 3: Isolated and repeated shocks using the frequency range of ISO 5349-1 (ISO 5349-3:2025)

This document specifies the general requirements for the measurement and evaluation of human exposure to hand-transmitted shock vibrations. For the purposes of this document, hand-transmitted shock vibration is any impactive or impulsive vibration that the machine or tool produces as a sequence of single events (isolated shock vibrations) linked by periods of no, or lower vibration. This document specifies parameters for the evaluation of machinery emissions of hand-transmitted shocks in the frequency range covered by ISO 5349-1 (nominally the frequency range covered by the octave bands from 8 Hz to 1 000 Hz). NOTE It is recognised that shock vibration often includes substantial high-frequency vibration energy. Therefore, reporting of information on hand-transmitted shock at higher frequencies that those specified in this document can be valuable.

Keel: en
Alusdokumendid: ISO 5349-3:2025; EN ISO 5349-3:2025

EVS-EN ISO 9241-171:2025

Ergonomics of human-system interaction - Part 171: Software accessibility (ISO 9241-171:2025)

This document specifies requirements and gives guidelines for designing accessible software for people with the widest range of physical, sensory and cognitive abilities, including those who are temporarily or situationally disabled, and the elderly. It addresses software considerations for accessibility that complement general design for usability as addressed by parts of the ISO 9241 series, especially ISO 9241-11 and ISO 9241-210. This document is applicable to the accessibility of interactive systems. It addresses a wide range of software (e.g. home, mobile, office, web, learning support and library systems). It promotes the increased usability of systems for a wider range of users in the widest range of contexts of use. This document does not apply to the behaviour of, or requirements for, assistive technologies (including assistive software), but it does address the use of assistive technologies as an integrated component of interactive systems. It is intended for use by those responsible for the specification, design, development, evaluation and procurement of software platforms and software applications.

Keel: en
Alusdokumendid: ISO 9241-171:2025; EN ISO 9241-171:2025
Asendab dokumenti: EVS-EN ISO 9241-171:2008

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 1793-1:2025

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 1: Intrinsic characteristics - Sound absorption under diffuse sound field conditions

This document specifies the laboratory method for measuring the sound absorption performance of road traffic noise reducing devices in reverberant conditions. It covers the assessment of the intrinsic sound absorption performance of devices that can reasonably be assembled inside the testing facility described in EN ISO 354. This method is not intended for the determination of the intrinsic characteristics of sound absorption of noise reducing devices to be installed on roads in non-reverberant conditions. The test method in EN ISO 354 referred to in this document excludes devices that act as weakly damped resonators. Some devices will depart significantly from these requirements and in these cases, care is needed in interpreting the results.

Keel: en
Alusdokumendid: EN 1793-1:2025
Asendab dokumenti: EVS-EN 1793-1:2017

EVS-EN 1793-2:2025

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 2: Intrinsic characteristics - Airborne sound insulation under diffuse sound field conditions

This document specifies the laboratory method for measuring the airborne sound insulation performance of road traffic noise reducing devices in reverberant conditions. It covers the assessment of the intrinsic performance of barriers that can reasonably be assembled inside the testing facility described in EN ISO 10140-2 and EN ISO 10140-4. This method is not intended for the determination of the intrinsic characteristics of airborne sound insulation of noise reducing devices to be installed on roads in non-reverberant conditions.

Keel: en
Alusdokumendid: EN 1793-2:2025
Asendab dokumenti: EVS-EN 1793-2:2018

EVS-EN 1793-3:2025

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 3: Normalized traffic noise spectrum

This document specifies a normalized traffic noise spectrum for the evaluation and assessment of the acoustic performance of devices designed to reduce traffic noise near roads.

Keel: en
Alusdokumendid: EN 1793-3:2025
Asendab dokumenti: EVS-EN 1793-3:1999

EVS-EN 1793-4:2025

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 4: Intrinsic characteristics - Intrinsic sound diffraction

This document specifies a test method for determining the intrinsic characteristics of sound diffraction of added devices installed on the top of road traffic noise reducing devices. The test method prescribes measurements of the sound pressure level at several reference points near the top edge of a road traffic noise reducing device with and without the added device installed on its top. The effectiveness of the added device is calculated as the difference between the measured values with and without the added devices, correcting for any change in height (the method specified gives the acoustic benefit over a simple barrier of the same height; however, in practice the added device can raise the height and this could provide additional screening depending on the source and receiver positions). This document is applicable to: — the preliminary qualification, outdoors or indoors, of added devices to be installed on road traffic noise reducing devices; — the determination of sound diffraction index difference of added devices in actual use; — the comparison of design specifications with actual performance data after the completion of the construction work; — the verification of the long-term performance of added devices (with a repeated application of the method); — the interactive design process of new products, including the formulation of installation manuals. The test method can be applied both in situ and on samples purposely built to be tested using the method described here. Results are expressed as a function of frequency, in one-third octave bands between 100 Hz and 5 kHz. If it is not possible to get valid measurements results over the whole frequency range indicated, the results are given in the restricted frequency range and the reasons of the restriction(s) are clearly reported. A single-number rating is calculated from frequency data. For indoor measurements, see Annex D.

Keel: en
Alusdokumendid: EN 1793-4:2025
Asendab dokumenti: EVS-EN 1793-4:2015

EVS-EN 1793-5:2025

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 5: Intrinsic characteristics - Sound absorption under direct sound field conditions

This document specifies a test method for measuring a quantity representative of the intrinsic characteristics of sound reflection from road noise reducing devices, the sound reflection index, and then calculate a single-number rating for sound absorption from it. This document is applicable to: — the determination of the intrinsic characteristics of sound absorption of noise reducing devices to be installed along roads, to be measured either on typical installations alongside roads or on a relevant test specimen section; — the determination of the intrinsic characteristics of sound absorption of road traffic noise reducing devices in actual use under direct sound field conditions; — the comparison of design specifications with actual performance data after the completion of the construction work; — the verification of the long-term performance of road traffic noise reducing devices (with a repeated application of the method). This document does not apply to: — the determination of the intrinsic characteristics of sound absorption of road traffic noise reducing devices to be installed in reverberant conditions, e.g. inside tunnels or deep trenches. Results for the sound reflection index are expressed as a function of frequency, in one-third octave bands between 200 Hz and 5 kHz, for qualification purposes. If it is not possible to get valid measurement results over the whole frequency range indicated, the results are given in a restricted frequency range, and the reasons for the restriction(s) are clearly reported. For indoor measurements, see Annex D.

Keel: en
Alusdokumendid: EN 1793-5:2025
Asendab dokumenti: EVS-EN 1793-5:2016
Asendab dokumenti: EVS-EN 1793-5:2016/AC:2018

EVS-EN 1793-6:2025

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 6: Intrinsic characteristics - Airborne sound insulation under direct sound field conditions

This document specifies a test method for measuring a quantity representative of the intrinsic characteristics of airborne sound insulation for road traffic noise reducing devices: the sound insulation index. This document is applicable to: — determination of the intrinsic characteristics of airborne sound insulation of noise reducing devices to be installed along roads, to be measured either on typical installations alongside roads or in laboratory conditions; — determination of the intrinsic characteristics of airborne sound insulation of road traffic noise reducing devices in actual use; — comparison of design specifications with actual performance data after the completion of the construction work; — verification of the long-term performance of road traffic noise reducing devices (with a repeated application of the method); — interactive design process of new products, including the formulation of installation manuals. This document does not apply to: — the determination of the intrinsic characteristics of airborne

sound insulation of road traffic noise reducing devices to be installed in reverberant conditions, e.g. inside tunnels or deep trenches or under covers. Results for the sound insulation index are expressed as a function of frequency in one-third octave bands, between 200 Hz and 5 kHz for qualification purposes. If it is not possible to get valid measurement results over the whole frequency range indicated, the results are given in a restricted frequency range and the reasons for the restriction(s) are clearly reported. For indoor measurements, see Annex D.

Keel: en
Alusdokumendid: EN 1793-6:2025
Asendab dokumenti: EVS-EN 1793-6:2018+A1:2021

EVS-EN ISO 11929-1:2025

Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation - Fundamentals and application - Part 1: Elementary applications (ISO 11929-1:2025)

The ISO 11929 series specifies a procedure, in the field of ionizing radiation metrology, for the calculation of the “decision threshold”, the “detection limit” and the “limits of the coverage interval” for a non-negative ionizing radiation measurand when counting measurements with preselection of time or counts are carried out. The measurand results from a gross count rate and a background count rate as well as from further quantities on the basis of a model of the evaluation. In particular, the measurand can be the net count rate as the difference of the gross count rate and the background count rate, or the net activity of a sample. It can also be influenced by calibration of the measuring system, by sample treatment and by other factors. ISO 11929 has been divided into four parts covering elementary applications in this document, advanced applications on the basis of the ISO/IEC Guide 3-1 in ISO 11929-2, applications to unfolding methods in ISO 11929-3, and guidance to the application in ISO 11929-4. This document covers basic applications of counting measurements frequently used in the field of ionizing radiation metrology. It is restricted to applications for which the uncertainties can be evaluated on the basis of the ISO/IEC Guide 98-3 (JCGM 2008). In Annex A, the special case of repeated counting measurements with random influences is covered, while measurements with linear analogous ratemeters are covered in Annex B. ISO 11929-2 extends the former ISO 11929:2010 to the evaluation of measurement uncertainties according to the ISO/IEC Guide 98-3:2008/Suppl 1:2008. ISO 11929-2 also presents some explanatory notes regarding general aspects of counting measurements and on Bayesian statistics in measurements. ISO 11929-3 deals with the evaluation of measurements using unfolding methods and counting spectrometric multi-channel measurements if evaluated by unfolding methods, in particular, for alpha- and gamma-spectrometric measurements. Further, it provides some advice on how to deal with correlations and covariances. ISO 11929-4 gives guidance to the application of the ISO 11929 series, summarizes shortly the general procedure and then presents a wide range of numerical examples. Information on the statistical roots of ISO 11929 and on its current development may be found elsewhere[33][34]. The ISO 11929 series also applies analogously to other measurements of any kind especially if a similar model of the evaluation is involved. Further practical examples can be found, for example, in ISO 18589[1], ISO 9696[2], ISO 9697[3], ISO 9698[4], ISO 10703[5], ISO 7503[6], ISO 28218[7] and ISO 11665[8]. NOTE A code system, named UncertRadio, is available for calculations according to ISO 11929-1 to ISO 11929-3. UncertRadio[31][32] can be downloaded for free from https://www.thuenen.de/en/institutes/fisheries-ecology/fields-of-activity/marine-environment/coordination-centre-of-radioactivity/uncertradio. The download contains a setup installation file which copies all files and folders into a folder specified by the user. After installation one has to add information to the PATH of Windows as indicated by a pop-up window during installation. English language can be chosen and extensive “help” information is available.

Keel: en
Alusdokumendid: ISO 11929-1:2025; EN ISO 11929-1:2025
Asendab dokumenti: EVS-EN ISO 11929-1:2021

EVS-EN ISO 11929-2:2025

Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation - Fundamentals and application - Part 2: Advanced applications (ISO 11929-2:2025)

The ISO 11929 series specifies a procedure, in the field of ionizing radiation metrology, for the calculation of the “decision threshold”, the “detection limit” and the “limits of the coverage interval” for a non-negative ionizing radiation measurand when counting measurements with preselection of time or counts are carried out. The measurand results from a gross count rate and a background count rate as well as from further quantities on the basis of a model of the evaluation. In particular, the measurand can be the net count rate as the difference of the gross count rate and the background count rate, or the net activity of a sample. It can also be influenced by calibration of the measuring system, by sample treatment and by other factors. ISO 11929 has been divided into four parts covering elementary applications in ISO 11929-1, advanced applications on the basis of the GUM Supplement 1 in this document, applications to unfolding methods in ISO 11929-3, and guidance to the application in ISO 11929-4. ISO 11929-1 covers basic applications of counting measurements frequently used in the field of ionizing radiation metrology. It is restricted to applications for which the uncertainties can be evaluated on the basis of the ISO/IEC Guide 98-3 (JCGM 2008). In ISO 11929-1:2025, Annex A, the special case of repeated counting measurements with random influences is covered, while measurements with linear analogous ratemeters are covered in ISO 11929-1:2025, Annex B. ISO 11929-3 deals with the evaluation of measurements using unfolding methods and counting spectrometric multi-channel measurements if evaluated by unfolding methods, in particular, for alpha- and gamma-spectrometric measurements. Further, it provides some advice on how to deal with correlations and covariances. ISO 11929-4 gives guidance to the application of ISO 11929, summarizes shortly the general procedure and then presents a wide range of numerical examples. Information on the statistical roots of ISO 11929 and on its current development may be found elsewhere[30][31]. ISO 11929 also applies analogously to other measurements of any kind especially if a similar model of the evaluation is involved. Further practical examples can be found, for example, in ISO 18589[1], ISO 9696[2], ISO 9697[3], ISO 9698[4], ISO 10703[5], ISO 7503[6], ISO 28218[7] and ISO 11665[8]. NOTE A code system, named UncertRadio, is available for calculations according to ISO 119291 to ISO 11929-3. UncertRadio[27][28] can be downloaded for free from https://www.thuenen.de/en/institutes/fisheries-ecology/fields-of-activity/marine-environment/coordination-centre-of-radioactivity/uncertradio. The download contains a setup installation file which copies all files and folders into a folder specified by the user. After installation one has to add information to the PATH of Windows

as indicated by a pop-up window during installation. English language can be chosen and extensive “help” information is available. Another tool is the package ‘metRology’[32] which is available for programming in R. It contains the two R functions ‘uncert’ and ‘uncertMC’ which perform the GUM conform uncertainty propagation, either analytically or by the Monte Carlo method, respectively. Covariances/correlations of input quantities are included. Applying these two functions within iterations for decision threshold and the detection limit calculations simplifies the programming effort significantly. It is also possible to imp

Keel: en
Alusdokumendid: ISO 11929-2:2025; EN ISO 11929-2:2025
Asendab dokumenti: EVS-EN ISO 11929-2:2021

EVS-EN ISO 11929-3:2025

Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation - Fundamentals and application - Part 3: Applications to unfolding methods (ISO 11929-3:2025)

The ISO 11929 series specifies a procedure, in the field of ionizing radiation metrology, for the calculation of the “decision threshold”, the “detection limit” and the “limits of the coverage interval” for a non-negative ionizing radiation measurand when counting measurements with preselection of time or counts are carried out. The measurand results from a gross count rate and a background count rate as well as from further quantities on the basis of a model of the evaluation. In particular, the measurand can be the net count rate as the difference of the gross count rate and the background count rate, or the net activity of a sample. It can also be influenced by calibration of the measuring system, by sample treatment and by other factors. ISO 11929 has been divided into four parts covering elementary applications in ISO 11929-1, advanced applications on the basis of the ISO/IEC Guide 98-3:2008/Suppl 1:2008 in ISO 11929-2, applications to unfolding methods in this document, and guidance to the application in ISO 11929-4. ISO 11929-1 covers basic applications of counting measurements frequently used in the field of ionizing radiation metrology. It is restricted to applications for which the uncertainties can be evaluated on the basis of the ISO/IEC Guide 98-3 (JCGM 2008). In ISO 11929-1:2025, Annex A, the special case of repeated counting measurements with random influences is covered, while measurements with linear analogous ratemeters, are covered in ISO 11929-1:2025, Annex B. This document deals with the evaluation of measurements using unfolding methods and counting spectrometric multi-channel measurements if evaluated by unfolding methods, in particular, for alpha- and gamma-spectrometric measurements. Further, it provides some advice on how to deal with correlations and covariances. ISO 11929-4 gives guidance to the application of the ISO 11929 series, summarizes shortly the general procedure and then presents a wide range of numerical examples. ISO 11929 Standard also applies analogously to other measurements of any kind especially if a similar model of the evaluation is involved. Further practical examples can be found, for example, in ISO 18589[7], ISO 9696[2], ISO 9697[3], ISO 9698[4], ISO 10703[5], ISO 7503[1], ISO 28218[8], and ISO 11665[6]. NOTE A code system, named UncertRadio, is available for calculations according to ISO 11929- 1 to ISO 11929-3. UncertRadio[35][36] can be downloaded for free from https://www.thuenen.de/en/institutes/fisheries-ecology/fields-of-activity/marine-environment/coordination-centre-of-radioactivity/uncertradio.The download contains a setup installation file which copies all files and folders into a folder specified by the user. After installation one has to add information to the PATH of Windows as indicated by a pop-up window during installation. English language can be chosen and extensive “help” information is available.

Keel: en
Alusdokumendid: ISO 11929-3:2025; EN ISO 11929-3:2025
Asendab dokumenti: EVS-EN ISO 11929-3:2021

EVS-EN ISO 18589-7:2025

Measurement of radioactivity in the environment - Soil - Part 7: In situ measurement of gamma-emitting radionuclides (ISO 18589-7:2025)

This document specifies the identification of radionuclides and the measurement of their activity in soil using in situ gamma spectrometry with portable systems equipped with germanium or scintillation detectors. This document is suitable to rapidly assess the activity of artificial and natural radionuclides deposited on or present in soil layers of large areas of a site under investigation. This document can be used in connection with radionuclide measurements of soil samples in the laboratory (see ISO 18589-3) in the following cases: — routine surveillance of the impact of radioactivity released from nuclear installations or of the evolution of radioactivity in the region; — investigations of accident and incident situations; — planning and surveillance of remedial action; — decommissioning of installations or the clearance of materials. It can also be used for the identification of airborne artificial radionuclides, when assessing the exposure levels inside buildings or during waste disposal operations. Following a nuclear accident, in situ gamma spectrometry is a powerful method for rapid evaluation of the gamma activity deposited onto the soil surface as well as the surficial contamination of flat objects. NOTE The method described in this document is not suitable when the spatial distribution of the radionuclides in the environment is not precisely known (influence quantities, unknown distribution in soil) or in situations with very high photon flux. However, the use of small volume detectors with suitable electronics allows measurements to be performed under high photon flux.

Keel: en
Alusdokumendid: ISO 18589-7:2025; EN ISO 18589-7:2025
Asendab dokumenti: EVS-EN ISO 18589-7:2016

19 KATSETAMINE

EVS-EN 60068-2-75:2014/A1:2025

Environmental testing - Part 2-75: Tests - Test Eh: Hammer tests

Amendment to EN 60068-2-75:2014.

Keel: en
Alusdokumendid: IEC 60068-2-75:2014/AMD1:2025; EN 60068-2-75:2014/A1:2025
Muudab dokumenti: EVS-EN 60068-2-75:2014

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

CEN/TS 18209:2025
LPG equipment and accessories - Cylinders transportation racks controls

This document specifies the operational procedures and best practices when checking transportation racks for LPG cylinders before and during loading and unloading prior to the vehicles going on the road and at any break during the journey. This document applies to racks containing transportable refillable LPG cylinders of water capacity from 0,5 l up to and including 150 l. This document applies to the following equipment: - rack frame/structure; - rack closures; - rack fixing equipment or accessories on to the vehicle. This document applies to checks performed: - at cylinder filling plants and depots; - or at cylinder manufacturing and/or refurbishment facilities; - or at any place where racks are used or moved. This document also provides guidance and examples for rack maintenance and repair procedures, including rejection criteria and for establishing operational procedures. Transportation racks are also called stillages, pallets or racks (see Clause 3). This document does not cover the design and the manufacturing of racks. This document does not apply to presentation display racks at points of sale.

Keel: en
Alusdokumendid: CEN/TS 18209:2025

EVS-EN 10242:2025
Threaded pipe fitting in malleable cast iron

This document specifies the requirements for the design and performance of threaded pipe fittings in malleable cast iron with black or hot dip galvanized surface. These fittings are for general purposes for the transmission of fluids and gases up to the limits of pressure and temperature specified in this document. They are intended for the connection of elements threaded in accordance with EN 10226-1, sizes ⅛ to 6. Fittings with alternative permanent coatings or permanent coatings on top of hot dip galvanizing do not fall under the scope of this document. NOTE One main use is for the connection of non-alloy steel tubes according to EN 10255 and with support of the thread joint by using sealing materials according to EN 751 (all parts).

Keel: en
Alusdokumendid: EN 10242:2025
Asendab dokumenti: EVS-EN 10242:1999
Asendab dokumenti: EVS-EN 10242:1999/A2:2003

EVS-EN 10284:2025
Malleable cast iron fittings with compression ends for polyethylene (PE) piping systems

This document specifies the requirements for the design, performance and testing of fittings made of malleable cast iron (see also Clause 5 "Materials") with compression ends for polyethylene piping systems. This document applies to piping systems in polyethylene (PE) materials for different application fields, such as supply and distribution of gas, water for general purposes (irrigation, etc.) as well as for human consumption, aqueous liquids and pressurized air. NOTE Products complying with this document used for water applications intended for human consumption are expected to comply with the relevant national, regional or local regulatory provisions applicable in the place of use. Due to the variety and dynamic of the requirements, it is advisable to check the compliance. The malleable cast iron fittings specified in this document are of compression end type for the connection of PE pipes or of transition type with combined compression ends for pipes in different materials or with combined compression and threaded ends in conformance with EN 10226 1. Their range of sizes covers nominal outside diameters of PE pipes dn 16 mm to dn 110 mm (DN 10 to DN 100) and pipe thread sizes 3/8 to 4.

Keel: en
Alusdokumendid: EN 10284:2025
Asendab dokumenti: EVS-EN 10284:2000

EVS-EN 12186:2025
Gas infrastructure - Gas pressure control stations for transmission and distribution - Functional requirements

This document specifies the functional requirements relevant for design, materials, construction, testing, operation and maintenance of gas pressure control stations to ensure their reliability in terms of safety of the station itself and the downstream system and continuity of service. This document is applicable for gas pressure control stations which are part of gas transmission or distribution systems for hydrogen, and hydrogen rich, and methane rich gases. Additional requirements in the case of gases heavier than air and/or toxic or corrosive gases are not covered by this document. This document does not apply to gas pressure control stations in operation prior to the publication of this document. However, Annex D of this document can be used as guidance for the evaluation of stations in operation prior to the publication of this document, regarding the change of the type of gas, e.g. repurposing for the use with hydrogen. The stations covered by this document have a maximum upstream operating pressure, which does not exceed 100 bar. For higher maximum upstream operating pressures, this document can be used as a guideline. If the inlet pipework of the station is a service line and the maximum upstream operating pressure does not exceed 16 bar and the design flow rate is equal to 2000 kW based on the gross calorific value or less, EN 12279 applies. This document contains the basic system requirements for gas pressure control stations. Requirements for individual components (valves, regulators, safety devices, pipes, etc.) or installation of the components are contained in the appropriate European Standards. NOTE For combined control and measuring stations, the additional requirements of EN 1776 can apply. The requirements in this document do not apply to the design and construction of auxiliary facilities such as sampling, calorimetering, odorization systems and density measuring. These facilities are covered by the appropriate European Standards, where existing, or applicable national standards. The requirements of this document are based on good gas engineering practice under conditions normally encountered in the gas industry. Requirements for unusual conditions cannot be specifically provided for, nor are all engineering and construction details prescribed. The objective of this document is to ensure the safe operation of such stations. This does not, however, relieve all concerned of the responsibility for taking the necessary care and applying effective quality and safety management during the design, construction, operation and maintenance.

Keel: en
Alusdokumendid: EN 12186:2025
Asendab dokumenti: EVS-EN 12186:2014

EVS-EN 12285-4:2025

Workshop fabricated steel tanks - Part 4: Vertical cylindrical single skin and double skin tanks for the aboveground storage of flammable and nonflammable water polluting liquids other than for heating and cooling of buildings

This document specifies the requirements for metallic shop fabricated cylindrical vertical steel tanks, single and double skin for the aboveground storage of water polluting liquids (both flammable and non-flammable) within the following limits: — from Ø 1250 mm up to Ø 4 000 mm inner tank nominal diameter, and — up to maximum overall shell length of 6 times the nominal inner tank diameter (or max 14 m shell lenght Lz), and — tank possible to be divided from 1 to 5 compartments, — for liquids with maximum density of up to 1,9 kg/l, and — with an operating pressure (P0) of maximum 50kPa (0,5 bar (g)) and minimum – 5 kPa (- 50 mbar (g)), and — where double skin tanks with vacuum leak detection system are used the kinematic viscosity of the stored media shall not exceed 5 × 10−3 m2/s. This document is applicable for normal ambient temperature conditions (−40 °C to + 50 °C). Where temperatures are outside this range, additional requirements need to be taken into account. This document is not applicable to tanks used for storage and/or supply of fuel/gas for building heating/cooling systems, and of hot or cold water not intended for human consumption, nor to loads and special measures necessary in areas subject to risk of earthquakes. This document is not applicable for the storage of liquids having dangerous goods classes listed in Table 1 because of the special dangers involved. Table 1 - List of dangerous goods which are not covered by this document UN-classification Type of dangerous goods Class 1 Explosives Class 4.2 Substances liable to spontaneous combustion Class 4.3 Substances which in contact with water emit flammable gases Class 5.2 Organic peroxides Class 6.2 Infectious substances Class 7 Radioactive substances, hydrocyanic or hydrocyanic solvent liquids, metal carbons, hydrofluoric acid, bromide liquids NOTE The classifications referred to are those adopted by the United Nations Committee of Experts on the Transport of Dangerous Goods (not to be interpreted as tank classes described in 6.2).

Keel: en
Alusdokumendid: EN 12285-4:2025

EVS-EN 13385:2025

Transportable gas cylinders - Battery vehicles and multiple-element gas containers (MEGCs) for compressed and liquefied gases (excluding acetylene) - Inspection at time of filling

This document specifies the minimum requirements for inspection at time of filling of battery vehicles and multiple-element gas containers (MEGCs) for compressed and liquefied gases. The elements of battery vehicles and MEGCs covered by this document are: — seamless steel or seamless aluminium alloy cylinders or tubes, and — composite cylinders or tubes (hoop-wrapped or fully-wrapped) with a water capacity up to 3000 l. This document is not applicable to MEGCs using tanks as elements. This document is not applicable to the automotive components of a battery trailer. NOTE Acetylene battery-vehicles are covered by EN 13720 [1].

Keel: en
Alusdokumendid: EN 13385:2025
Asendab dokumenti: EVS-EN 13385:2002

EVS-EN ISO 14245:2021/A1:2025

Gas cylinders - Specifications and testing of LPG cylinder valves - Self-closing - Amendment 1 (ISO 14245:2021/Amd 1:2025)

Amendment to EN ISO 14245:2021

Keel: en
Alusdokumendid: ISO 14245:2021/Amd 1:2025; EN ISO 14245:2021/A1:2025
Muudab dokumenti: EVS-EN ISO 14245:2021

25 TOOTMISTEHNOLOOGIA

CWA 18308:2025

Evaluation of the mechanism of action of antiviral coated plastics and other coated non-porous surfaces

This document specifies proper methods to investigate the mechanism of action by which a coated specimen reduces viral infectivity titer. This protocol is intended to be used after the verification of the antiviral activity of a coated surface following the ISO 21702:2019 guideline. Two test procedures are described in this document. The first test, the drying test, aims to evaluate whether the antiviral activity of a coated material is due to the direct inactivation of virus particles. The second one, the ion release test aims to assess the potential indirect antiviral activity of ions released by a coated specimen. Due to the individual sensitivities, the results of one test virus might not be applicable for other viruses.

Keel: en
Alusdokumendid: CWA 18308:2025

CWA 18310:2025

Assessment of ecotoxicity in PVD coatings subjected to accelerated ageing

This CWA defines a methodology for assessing the potential ecotoxicity of coatings developed using Physical Vapor Deposition (PVD) technology when applied to metallic substrates and subjected to accelerated ageing conditions. The procedure is intended to evaluate the release of functional elements, such as copper (Cu), silver (Ag), and zinc (Zn) from PVD coatings under conditions simulating two common environmental exposure scenarios: a) Repeated surface cleaning using chemical and mechanical actions; b) Prolonged exposure to humid or wet environments, such as those found in sanitary facilities. This methodology enables the collection of leachates and their subsequent ecotoxicological evaluation using aquatic toxicity assays. It provides guidance on sample preparation, ageing protocols, leachate collection, and reference to existing toxicological test methods. The procedure applies to the screening and development of PVD coatings intended for high-touch surfaces, particularly in public, medical, and sanitary environments. It supports compliance with EU environmental and product safety frameworks and aligns Safe and Sustainable by Design (SSbD) principles. This CWA does not cover the mechanical or antimicrobial performance assessment of PVD coatings, nor does it replace existing ecotoxicity testing standards for soluble chemicals or effluents.

Keel: en
Alusdokumendid: CWA 18310:2025

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12186:2025

Gas infrastructure - Gas pressure control stations for transmission and distribution - Functional requirements

This document specifies the functional requirements relevant for design, materials, construction, testing, operation and maintenance of gas pressure control stations to ensure their reliability in terms of safety of the station itself and the downstream system and continuity of service. This document is applicable for gas pressure control stations which are part of gas transmission or distribution systems for hydrogen, and hydrogen rich, and methane rich gases. Additional requirements in the case of gases heavier than air and/or toxic or corrosive gases are not covered by this document. This document does not apply to gas pressure control stations in operation prior to the publication of this document. However, Annex D of this document can be used as guidance for the evaluation of stations in operation prior to the publication of this document, regarding the change of the type of gas, e.g. repurposing for the use with hydrogen. The stations covered by this document have a maximum upstream operating pressure, which does not exceed 100 bar. For higher maximum upstream operating pressures, this document can be used as a guideline. If the inlet pipework of the station is a service line and the maximum upstream operating pressure does not exceed 16 bar and the design flow rate is equal to 2000 kW based on the gross calorific value or less, EN 12279 applies. This document contains the basic system requirements for gas pressure control stations. Requirements for individual components (valves, regulators, safety devices, pipes, etc.) or installation of the components are contained in the appropriate European Standards. NOTE For combined control and measuring stations, the additional requirements of EN 1776 can apply. The requirements in this document do not apply to the design and construction of auxiliary facilities such as sampling, calorimetering, odorization systems and density measuring. These facilities are covered by the appropriate European Standards, where existing, or applicable national standards. The requirements of this document are based on good gas engineering practice under conditions normally encountered in the gas industry. Requirements for unusual conditions cannot be specifically provided for, nor are all engineering and construction details prescribed. The objective of this document is to ensure the safe operation of such stations. This does not, however, relieve all concerned of the responsibility for taking the necessary care and applying effective quality and safety management during the design, construction, operation and maintenance.

Keel: en
Alusdokumendid: EN 12186:2025
Asendab dokumenti: EVS-EN 12186:2014

EVS-EN 17463:2021+A1:2025

Valuation of Energy Related Investments (VALERI)

This document specifies requirements for a valuation of energy related investments (VALERI). It provides a description on how to gather, calculate, evaluate and document information in order to create solid business cases based on Net Present Value calculations for ERIs. The standard is applicable for the valuation of any kind of energy related investment. The document focusses mainly on the valuation and documentation of the economic impacts of ERIs. However, non-economic effects (e.g. noise reduction) that can occur through undertaking an investment are also considered. Thus, qualitative effects (e.g. impact on the environment) - even if they are non-monetisable - are taken into consideration.

Keel: en
Alusdokumendid: EN 17463:2021+A1:2025
Asendab dokumenti: EVS-EN 17463:2021

EVS-EN IEC 63296-3:2025

Portable multimedia equipment - Determination of battery duration - Part 3: Wearable powered loudspeaker equipment

IEC 63296-3:2025 specifies the method for measuring the battery duration at a defined sound pressure level for continuous music playback of battery-operated wearable powered loudspeaker equipment. A primary battery or secondary battery can be used as a power source for such a shoulder-carried or body-worn loudspeaker and its composite device. In addition, only equipment that can be placed on or hung from a head and torso simulator (HATS) is covered. Bone conduction speakers are excluded. Portable loudspeaker equipment also supporting video playback as the main function is not covered by this document.

Keel: en
Alusdokumendid: IEC 63296-3:2025; EN IEC 63296-3:2025

EVS-EN ISO 5149-4:2025

Külmutussüsteemid ja soojuspumbad. Ohutus- ja keskkonnanõuded. Osa 4: Talitlus, korrashoid, remont ja utiliseerimine
Refrigerating systems and heat pumps - Safety and environmental requirements - Part 4: Operation, maintenance, repair and recovery (ISO 5149-4:2022)

See dokument määrab ohutus- ja keskkonnanõuded, mis on seotud külmutussüsteemide kasutamise, hoolduse ja remondiga ning igat tüüpi külmaainete, külmaainetes kasutatavate õlide, soojuskandevedelike, külmutussüsteemide ja nende osade kokkukogumise, taaskasutuse ja jäätmekäitlusega. See dokument ei hõlma mootorsõidukite kliimaseadmeid, mis on ehitatud tootestandardite järgi, nagu ISO 13043. Need nõuded on ette nähtud isikute vigastamise ning vara ja keskkonna kahjustamisega seotud ohtude minimeerimiseks, mis tulenevad kas külmaainete ebaõigest käitlemisest või saasteainetest ning mille tagajärjeks on süsteemi purunemine ja külmaaine leke.

Keel: en, et
Alusdokumendid: ISO 5149-4:2022; EN ISO 5149-4:2025
Asendab dokumenti: EVS-EN 378-4:2016+A1:2019

29 ELEKTROTEHNIKA

CLC IEC/TS 62271-314:2025

High-voltage switchgear and controlgear - Part 314: Direct current disconnectors and earthing switches

IEC TS 62271-314:2024, a Technical Specification, applies to high-voltage direct current disconnectors and earthing switches, designed for indoor and outdoor installations and for operation on HVDC transmission systems having direct voltages of 100 kV and above. It also applies to the operating devices of these disconnectors and earthing switches and their auxiliary equipment. NOTE Disconnectors in which the fuse forms an integral part are not covered by this document

Keel: en
Alusdokumendid: CLC IEC/TS 62271-314:2025; IEC/TS 62271-314:2024

CLC IEC/TS 62271-316:2025

High-voltage switchgear and controlgear - Part 316: Direct current by-pass switches and paralleling switches

IEC TS 62271-316:2024 is applicable to direct current (DC) converter by-pass switches (CBPS) and paralleling switches (PS) designed for indoor or outdoor installation and for operation on HVDC transmission systems

Keel: en
Alusdokumendid: CLC IEC/TS 62271-316:2025; IEC/TS 62271-316:2024

CLC IEC/TS 62271-318:2025

High-voltage switchgear and controlgear - Part 318: DC gas-insulated metal-enclosed switchgear for rated voltages including and above 100 kV

IEC TS 62271-318:2024 specifies requirements for gas-insulated metal-enclosed switchgear in which the insulation is obtained, at least partly, by an insulating gas or gas mixture other than air at atmospheric pressure, for direct current of rated voltages including and above 100 kV, for indoor and outdoor installation. This document includes rules for service conditions, ratings, design, and construction requirements. Test requirements and criteria for proof for passing type and routine tests are defined in this document for development and manufacturing of DC switchgear. For the purpose of this document, the terms "DC GIS" and "DC switchgear" are used for "DC gas-insulated metal-enclosed switchgear". This specification is applicable for both Line Commutated Converter (LCC) and Voltage Sourced Converter (VSC) for HVDC systems. The DC gas-insulated metal-enclosed switchgear covered by this document consists of individual components intended to be directly connected together and able to operate only in this manner. This document completes and amends, if applicable, the various relevant documents applying to the individual components constituting DC gas-insulated metal-enclosed switchgear.

Keel: en
Alusdokumendid: CLC IEC/TS 62271-318:2025; TS 62271-318:2024

CLC IEC/TS 62271-5:2025

High-voltage switchgear and controlgear - Part 5: Common specifications for direct current switchgear and controlgear

IEC TS 62271-5:2024 applies to DC switchgear and controlgear designed for operation on HVDC transmission systems having direct voltages of 100 kV and above.

Keel: en
Alusdokumendid: CLC IEC/TS 62271-5:2025; IEC/TS 62271-5:2024

EVS-EN 10342:2025

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

This document establishes a classification of surface insulations for electrical steel sheet, strip and laminations according to their general composition, relative insulating ability and function. These surface insulations are either oxide layers or applied coatings.

The purpose of this classification is to create a nomenclature for the various types of surface insulations and to assist users of surface insulations by providing general information about the chemical nature and use of the surface insulations. It is not the intent of this classification to specify insulation requirements in terms of specific values of surface insulation resistance. Such requirements are to be agreed between the purchaser and the steel producer, where applicable. The classification is to be used in conjunction with the various specifications for cold rolled electrical steels (see Clause 2).

Keel: en
Alusdokumendid: EN 10342:2025
Asendab dokumenti: EVS-EN 10342:2005

EVS-EN 50152-3-1:2017/A1:2025

Railway applications - Fixed installations - Particular requirements for a.c. switchgear - Part 3-1: Measurement, control and protection devices for specific use in a.c. traction systems - Devices

This European Standard is applicable to new low voltage devices for measurement, control and protection which are: — for indoor or outdoor fixed installations in traction systems, and — operated in conjunction with high voltage equipment with an a.c. line voltage and frequency as specified in EN 50163. This European Standard also applies to measurement, control and protective devices other than low voltage devices and not covered by a specific railway product standard as far as reasonably possible. Requirements of this document prevail. Scope of amendment Implementation of 2 technical changes: — Modification of subclause 5.4, second item in list of protection functions. — Aligning the value for short-circuit current of 50 Hz traction systems given in Annex A subclause A.2.1 ‘Line testing – General’ with EN 50388-1:2022 Table 7

Keel: en
Alusdokumendid: EN 50152-3-1:2017/A1:2025
Muudab dokumenti: EVS-EN 50152-3-1:2017

EVS-EN 50317:2025

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

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

Keel: en
Alusdokumendid: EN 50317:2025
Asendab dokumenti: EVS-EN 50317:2012
Asendab dokumenti: EVS-EN 50317:2012/A1:2022
Asendab dokumenti: EVS-EN 50317:2012+A1:2022

EVS-EN IEC 63129:2020/A1:2025

Determination of inrush current characteristics of lighting products

Amendment to EN IEC 63129:2020

Keel: en
Alusdokumendid: IEC 63129:2020/AMD1:2025; EN IEC 63129:2020/A1:2025
Muudab dokumenti: EVS-EN IEC 63129:2020

33 SIDETEHNIKA

EVS-EN 13757-4:2025

Communication systems for meters - Part 4: Wireless M-Bus communication

This document specifies the requirements of parameters for the physical and the link layer for systems using radio to remotely read meters. The primary focus is to use the Short Range Device (SRD) unlicensed bands. This document encompasses systems for walk-by, drive-by and fixed installations. As a broad definition, this document can be applied to various Application Layers.

Keel: en
Alusdokumendid: EN 13757-4:2025
Asendab dokumenti: EVS-EN 13757-4:2019

EVS-EN IEC 60153-2:2025

Hollow metallic waveguides - Part 2: Relevant specifications for ordinary rectangular waveguides

IEC 60153-2:2025 specifies straight hollow metallic tubing of ordinary rectangular cross-section for use as waveguides in radio frequency electrical applications. The term "ordinary rectangular waveguide" in the title of this document refers to rectangular waveguides with a b-to-a ratio of 0,5 (or slightly less). The objective of this document is to specify for hollow metallic waveguides: a) the details necessary to ensure compatibility and, as far as is essential, interchangeability; b) test methods; c) uniform requirements for the electrical and mechanical properties. This document does not contain any binding specifications for the materials to be used, but merely examples. The exact selection of materials is subject to agreement between the customer and the supplier. This fourth edition cancels and replaces the third edition published in 2016. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) addition of a cross-sectional view of the waveguide; b) addition of informative content on the theoretical background of the standard; c) use of a lower case "k" in the waveguide designation, where appropriate; d) revision of main specification table (now Table 1): 1) two

waveguides moved to the end of the table (R 35, R 41); 2) correction of one waveguide designation (now R 26k); 3) correction of one waveguide outside width (R 18); 4) relaxation of tolerances of waveguide outside dimensions (R 14 to R 70); 5) removed attenuation values of waveguides made of gold, aluminium, and stainless steel; 6) implementation of attenuation values for an idealised copper waveguide; e) relaxation of tolerances of waveguide outside dimensions for R 14 to R 70 in the table now referred to as Table 4; f) clarification of the electrical tests: 1) use of standard annealed copper as the reference material for waveguide tubes; 2) correction of the formula for calculating the theoretical attenuation of an idealised copper waveguide; 3) addition of a formula for calculating the theoretical attenuation of waveguides made of any material; 4) addition of an informative table with typical waveguide materials (Table 5); g) addition of an informative cross-reference for waveguide type designations (Annex A).

Keel: en
Alusdokumendid: IEC 60153-2:2025; EN IEC 60153-2:2025
Asendab dokumenti: EVS-EN 60153-2:2016
Asendab dokumenti: EVS-EN 60153-2:2016/AC:2017

EVS-EN IEC 60794-1-107:2025

Optical fibre cables - Part 1-107: Generic specification - Basic optical cable test procedures - Mechanical test methods - Torsion, Method E7

IEC 60794-1-107:2025 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. This document defines test procedures used in establishing uniform requirements for torsion performance. Refer to IEC 60794-1-2 for a reference guide to test methods and for general requirements and definitions. NOTE Throughout this document, the wording "optical cable" also includes optical fibre units, microduct fibre units, etc. This first edition partially cancels and replaces IEC 60794-1-21:2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to IEC 60794-1-21:2015: a) Update of the typical test length according to the different types of cables; b) Update of Figure 2 by loading weights to cable gripping fixture.

Keel: en
Alusdokumendid: IEC 60794-1-107:2025; EN IEC 60794-1-107:2025
Asendab osaliselt dokumenti: EVS-EN 60794-1-21:2015
Asendab osaliselt dokumenti: EVS-EN 60794-1-21:2015/A1:2020

EVS-EN IEC 60794-1-129:2025

Optical fibre cables - Part 1-129: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Straight midspan access to optical elements, method e29

IEC 60794-1-129:2025 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. The document defines test procedures used in establishing uniform requirements for mechanical performance-straight midspan access to optical elements. Throughout this document, the wording "optical cable" also includes optical fibre units, microduct fibre units, etc. NOTE See IEC 60794-1-2 for a reference guide to test methods of all types and for general requirements and definitions. This edition includes the following significant technical changes with respect to IEC 60794-1-21:2015 and IEC 60794-1-21:2015/AMD 1:2020: a) this document cancels and replaces method E29 of IEC 60794-1-21:2015 and IEC 60794-1-21:2015/AMD 1:2020; b) addition of the description for applicable cable types; c) update of Figure 2a), Figure 2b) and Figure 3; d) addition of the displacement measure description; e) addition of the details to be reported.

Keel: en
Alusdokumendid: IEC 60794-1-129:2025; EN IEC 60794-1-129:2025
Asendab osaliselt dokumenti: EVS-EN 60794-1-21:2015
Asendab osaliselt dokumenti: EVS-EN 60794-1-21:2015/A1:2020

EVS-EN IEC 60794-1-207:2025

Optical fibre cables - Part 1-207: Generic specification - Basic optical cable test procedures - Environmental test methods - Nuclear radiation, method f7

IEC 60794-1-207:2025 describes test procedures to be used in establishing uniform requirements for optical fibre cables for the environmental property: performance degradation when exposed to nuclear radiation. 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. Method F7A evaluates performance degradation of optical fibre cable in environmental background radiation; Method F7B evaluates performance degradation of optical fibre cable in adverse nuclear environments. NOTE Throughout the document, the wording "optical cable" can also include optical fibre units, microduct fibre units, etc. This first edition cancels and replaces the method F7 of the second edition of IEC 60794-1-22 published in 2017. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) detailed content of sample, apparatus, procedure, requirements and details of the method to be specified and reported are added.

Keel: en
Alusdokumendid: IEC 60794-1-207:2025; EN IEC 60794-1-207:2025

EVS-EN IEC 60966-2-8:2025

Radio frequency and coaxial cable assemblies - Part 2-8: Detail specification for cable assemblies for radio and TV receivers - Frequency range up to 3 000 MHz, screening class A++, IEC 61169-47 connectors

IEC 60966-2-8:2025 is a detail specification that applies to cable assemblies with F-Quick connectors (see IEC 61169-47) and requires quad-shield screening class A++ (see IEC 61196-6-5). This document applies to the cable assemblies for radio and TV receivers. This second edition cancels and replaces the first edition published in 2022. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition: a) in item [5], drawing expanded by right angled connectors; b) in item [12], female F-connectors cancelled (not standardized by IEC 61169-47); c) in item [14] Reflection properties (return loss): different values for straight and right-angled connectors; d) in item [14] Insertion loss: different factors for insertion loss calculation for straight and right-angled connectors; e) in item [14] Loop resistance: loop resistance was set to 1 Ω max. value for the complete length.

Keel: en
Alusdokumendid: IEC 60966-2-8:2025; EN IEC 60966-2-8:2025
Asendab dokumenti: EVS-EN IEC 60966-2-8:2022

EVS-EN IEC 61169-74:2025

Radio-frequency connectors - Part 74: Sectional specification for HN series RF coaxial connectors with screw coupling - Characteristic impedance 50 Ω

IEC 61169-74:2025, which is a Sectional Specification (SS), provides information and rules for the preparation of Detail Specifications (DS) for series HN RF coaxial connectors with screw coupling with a characteristic impedance of 50 Ω. This document prescribes mating face dimensions for high performance connectors (grade 2), dimensional details of standard test connectors (grade 0), gauging information and tests selected from IEC 61169-1, applicable to all Detail Specifications relating to series HN RF connectors. This document indicates recommended performance characteristics which are considered when writing a Detail Specification and it covers test schedules and inspection requirements for assessment levels M and H. The series HN connectors are intended to be used in microwave transmission systems and can be connected with all kinds of RF cables and microstrips. The operating frequency is up to 6 GHz.

Keel: en
Alusdokumendid: IEC 61169-74:2025; EN IEC 61169-74:2025

EVS-EN IEC 62153-4-7:2021/A1:2025

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

Amendment to EN IEC 62153-4-7:2021

Keel: en
Alusdokumendid: IEC 62153-4-7:2021/AMD1:2025; EN IEC 62153-4-7:2021/A1:2025
Muudab dokumenti: EVS-EN IEC 62153-4-7:2021

EVS-EN IEC 63296-3:2025

Portable multimedia equipment - Determination of battery duration - Part 3: Wearable powered loudspeaker equipment

IEC 63296-3:2025 specifies the method for measuring the battery duration at a defined sound pressure level for continuous music playback of battery-operated wearable powered loudspeaker equipment. A primary battery or secondary battery can be used as a power source for such a shoulder-carried or body-worn loudspeaker and its composite device. In addition, only equipment that can be placed on or hung from a head and torso simulator (HATS) is covered. Bone conduction speakers are excluded. Portable loudspeaker equipment also supporting video playback as the main function is not covered by this document.

Keel: en
Alusdokumendid: IEC 63296-3:2025; EN IEC 63296-3:2025

35 INFOTEHNOLOOGIA

CEN ISO/TS 19124-2:2025

Geographic information - Calibration and validation of remote sensing data and derived products - Part 2: Synthetic aperture radar (SAR) (ISO/TS 19124-2:2025)

This document defines the calibration and validation of Earth observing (EO) data acquired by synthetic aperture radar (SAR) sensors and products derived from SAR data. The specified SAR sensors include general working modes and advanced working modes. In this document, calibration addresses the process to correct the data, not only geometrically and radiometrically, but also characteristically for qualitative and quantitative applications. Validation addresses an evaluation of the quality and accuracy of the calibrated data and derived products. This document also addresses the associated metadata related to calibration and validation that has not been defined in other geographic information International Standards. This document does not apply to the calibration of SAR sensors and validation of SAR sensor calibration, which are covered by ISO/TS 19159-3. However, the calibration and validation procedure can be also applied and referenced among others.

Keel: en
Alusdokumendid: ISO/TS 19124-2:2025; CEN ISO/TS 19124-2:2025

CEN/TR 16931-9:2025

Electronic invoicing - Part 9: VAT reporting and gap analysis with current eInvoicing standardization deliverables

The European Commission will in its project "VAT in the digital age" (ViDA) mandate that VAT reporting on intra-EU transactions is performed in near real-time and based on EN 16931-1. This Technical Report defines the impact of this legislation on the

various deliverables of CEN/TC 434, with a focus on the subset to be sent to tax authorities and how EN 16931-1 needs to be changed. The ViDA package applies to all EU member states and specific territories where the VAT legislation applies (e.g. Northern Ireland in respect to goods). This document does not define the content of the common electronic message based on the electronic invoice to be sent to the authorities. The definition of that common electronic message (DRR message) is a task of the European Commission, possibly with help of CEN. As the DRR message is not an invoice, but a VAT report, it is not to be regarded as a Core Invoice Usage Specification (CIUS). The DRR message therefore needs not to obey the rules for developing a CIUS. For example, not all mandatory elements in the invoice need to be part of the DRR message.

Keel: en
Alusdokumendid: CEN/TR 16931-9:2025
Asendab dokumenti: CEN/TR 16931-9:2024

CEN/TS 17011-4:2025

Electronic Public Procurement - Architecture - Part 4: Technical architecture

The purpose of this deliverable is to specify and describe the reference architecture applied as the basis for the development of Business Interoperability Interface specifications in the eProcurement domain by the TC 440 technical committee.

Keel: en
Alusdokumendid: CEN/TS 17011-4:2025

CEN/TS 18214:2025

ISO/IEC 39794-4 application profile for finger image data in machine-readable travel documents

The eighth edition of ICAO Doc 9303 progresses from using the first edition of the ISO/IEC 19794 series for encoding biometric reference data in electronic machine-readable travel documents to using the ISO/IEC 39794 series for this purpose. This document specifies how to use ISO/IEC 39794-4 for fingerprint image data stored in electronic machine-readable travel documents.

Keel: en
Alusdokumendid: CEN/TS 18214:2025

CWA 18321:2025

Building information modelling - Integration of architectural design intentions for creating social values

This document defines social design intentions for digitalisation and automated BIM-based (Building Information Modelling) analysis. This is distinct and complementary to frameworks that assess specific social values (e.g. privacy, accessibility, spaciousness, etc.), where this document defines social intentions at a more general level. It is also distinct from, but aligned with, processes of documenting, predicting and evaluating a building's performance and adherence to design intentions, which may be done as Post Occupancy Evaluation (POE) or applying space syntax principles. This document describes a generic data model for representing social design intentions, a process for capturing social design intentions (from elicitation to implementation), the integration of social design intentions into BIM models, and the relationship between social requirements, social intentions, and social values. These concepts apply to both existing buildings and newly constructed buildings. The target groups of this document are primarily the following stakeholders: - Architects and Building Designers in their leading of the design process; - Architectural researchers and Consultants (e.g. anthropologists or sociologists based in architectural studios) in their support of evidence-based design and evaluating social impacts; - BIM specialists and software developers for developing software that enables interoperability with BIM and supports the integration of social design intentions; - Public agencies in their preparation of design briefs, managing public design competitions and tenders; - Social commissioners when they assess social aspects of a building before design handover and after construction.

Keel: en
Alusdokumendid: CWA 18321:2025

EVS-EN 304 223 V2.1.1:2025

Securing Artificial Intelligence (SAI); Baseline Cyber Security Requirements for AI Models and Systems

The present document defines baseline security requirements for AI models and systems. The present document includes in its scope systems that incorporate deep neural networks, such as generative AI. For consistency, the term "AI systems" is used throughout the present document when framing the scope of provisions and the term "AI security", which is considered a subset of cybersecurity, is used when addressing any cybersecurity issues in the scope of the provisions. The present document is not designed for academics who are creating and testing AI systems only for research purposes (AI systems which are not going to be deployed).

Keel: en
Alusdokumendid: ETSI EN 304 223 V2.1.1

EVS-EN 50174-4:2025

Information technology - Cabling installation - Part 4: Testing of installed optical fibre cabling

This document specifies systems and methods for the inspection and testing of installed optical fibre cabling designed in accordance with premises cabling standards including the EN 50173 series. The test methods refer to existing standards-based procedures where they exist.

Keel: en
Alusdokumendid: EN 50174-4:2025

EVS-EN ISO 29481-2:2025

Building information models - Information delivery manual - Part 2: Interaction framework (ISO 29481-2:2025)

This document specifies a methodology for describing and managing interactions and a format for digital communication between actors in any use case associated with the management of an asset during all life cycle stages. It provides: — a methodology that describes an interaction framework for a use case; — an appropriate way to map responsibilities and interactions that provides a process context for information flow; — a format in which the interaction framework is specified and executed. This document is intended to promote secure, verifiable, traceable and high-quality digital IDM communication between actors during all phases of the life cycle of assets, facilitate interoperability between software applications used, and to provide a basis for data- and process-driven information exchange and traceability of communication.

Keel: en
Alusdokumendid: ISO 29481-2:2025; EN ISO 29481-2:2025
Asendab dokumenti: EVS-EN ISO 29481-2:2016

EVS-EN ISO 9241-161:2025

Ergonomics of human-system interaction - Part 161: Visual user-interface elements (ISO 9241-161:2025)

This document specifies requirements and provides recommendations for the selection, usage and dependencies of visual user-interface elements and their application. This document is concerned with visual software components of interactive systems to make human-system interaction usable. This document is applicable regardless of a fixed, portable or mobile interactive system, or cross-device use. It does not provide detailed coverage of the methods and techniques required for design of visual user-interface elements. This document does not address implementation (e.g. graphical design of elements) and interaction details for specific input methods or technologies. It does not cover decorative user-interface elements that are intended to address solely aesthetic (hedonic) qualities in the user interface e.g. background images.

Keel: en
Alusdokumendid: ISO 9241-161:2025; EN ISO 9241-161:2025
Asendab dokumenti: EVS-EN ISO 9241-161:2016

EVS-EN ISO 9241-171:2025

Ergonomics of human-system interaction - Part 171: Software accessibility (ISO 9241-171:2025)

This document specifies requirements and gives guidelines for designing accessible software for people with the widest range of physical, sensory and cognitive abilities, including those who are temporarily or situationally disabled, and the elderly. It addresses software considerations for accessibility that complement general design for usability as addressed by parts of the ISO 9241 series, especially ISO 9241-11 and ISO 9241-210. This document is applicable to the accessibility of interactive systems. It addresses a wide range of software (e.g. home, mobile, office, web, learning support and library systems). It promotes the increased usability of systems for a wider range of users in the widest range of contexts of use. This document does not apply to the behaviour of, or requirements for, assistive technologies (including assistive software), but it does address the use of assistive technologies as an integrated component of interactive systems. It is intended for use by those responsible for the specification, design, development, evaluation and procurement of software platforms and software applications.

Keel: en
Alusdokumendid: ISO 9241-171:2025; EN ISO 9241-171:2025
Asendab dokumenti: EVS-EN ISO 9241-171:2008

EVS-EN ISO/IEC 27019:2025

Information security, cybersecurity and privacy protection - Information security controls for the energy utility industry (ISO/IEC 27019:2024)

This document provides information security controls for the energy utility industry, based on ISO/IEC 27002:2022, for controlling and monitoring the production or generation, transmission, storage and distribution of electric power, gas, oil and heat, and for the control of associated supporting processes.

Keel: en
Alusdokumendid: ISO/IEC 27019:2024; EN ISO/IEC 27019:2025
Asendab dokumenti: EVS-EN ISO/IEC 27019:2020

43 MAANTEESÕIDUKITE EHITUS

EVS-EN 1645-1:2025

Leisure accommodation vehicles - Caravans - Part 1: Habitation requirements relating to health and safety

This document specifies requirements intended to ensure the safety and health of people when they use caravans for temporary or seasonal habitation. It also specifies the corresponding test methods. Requirements applicable to road safety are not included in the scope of this document. This document is applicable exclusively to rigid and rigid folding caravans as defined in EN 13878.

Keel: en
Alusdokumendid: EN 1645-1:2025
Asendab dokumenti: EVS-EN 1645-1:2018

EVS-EN 1646-1:2025

Leisure accommodation vehicles - Motor caravans - Part 1: Habitation requirements relating to health and safety

This document specifies requirements intended to ensure the safety and health of persons when they use motor caravans for temporary or seasonal habitation. It also specifies the corresponding test methods. Specific requirements of this document apply to motor caravans where the overall length multiplied by the overall width does not exceed 13,5 m2 plan area. Requirements applicable to road safety are not included in the scope of this document. This document is applicable exclusively to motor caravans as defined in EN 13878.

Keel: en
Alusdokumendid: EN 1646-1:2025
Asendab dokumenti: EVS-EN 1646-1:2018

EVS-EN 50374:2025/A1:2025

Juhtmekärud
Conductor cars

Amendment to EN 50374:2025

Keel: en
Alusdokumendid: EN 50374:2025/A1:2025
Muudab dokumenti: EVS-EN 50374:2025

EVS-EN ISO 18243:2025

Electrically propelled mopeds and motorcycles - Test specifications and safety requirements for lithium-ion battery systems (ISO 18243:2025)

This document specifies the test procedures for lithium-ion battery packs and systems used in electrically propelled mopeds and motorcycles. The specified test procedures enable the user of this document to determine the essential characteristics on performance and safety of lithium-ion battery packs and systems. It is also possible to compare the test results achieved for different battery packs or systems. This document enables setting up a dedicated test plan for an individual battery pack or 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 are selected from the standard tests provided in this document to configure a dedicated test plan. NOTE 1 Electrically power-assisted cycles (EPAC) cannot be considered as mopeds. The definition of electrically power-assisted cycles can differ from country to country. An example of definition can be found in Reference [7]. NOTE 2 Testing on cell level is specified in the IEC 62660 series.

Keel: en
Alusdokumendid: ISO 18243:2025; EN ISO 18243:2025
Asendab dokumenti: EVS-EN ISO 18243:2019
Asendab dokumenti: EVS-EN ISO 18243:2019/A1:2020

45 RAUDTEETEHNIKA

EVS-EN 12080:2025

Raudteealased rakendused. Teljepuksid. Veerelaagrid
Railway applications - Axleboxes - Rolling bearings

This document is a part of a package of standards: EN 12080, EN 12081, EN 12082-1 and EN 12082-2. This document specifies the quality parameters of axlebox rolling bearings supporting the load of the vehicle, required for reliable operation of trains on European networks. It covers metallurgical and material properties as well as geometric and dimensional characteristics. It also specifies methods for quality assurance and non-destructive testing of the products.

Keel: en
Alusdokumendid: EN 12080:2025
Asendab dokumenti: EVS-EN 12080:2017+A1:2022

EVS-EN 12082-1:2025

Railway applications - Axleboxes - Part 1: Test procedures

This document is a part of a package of standards: EN 12080, EN 12081, EN 12082-1 and EN 12082-2. This document specifies the principles and methods for a rig performance test of the system of axlebox rolling bearing(s), housing, seal(s) and grease, required for reliable operation of trains on European networks. The necessary type and extent of testing are specified by the deployment procedure specified in EN 12082 2, with respect to design requirements on the axlebox and its components. This document covers a rig performance test, principles for a field test and a possible example for a water tightness test. Test parameters and minimum performance requirements for vehicles in operation on main lines are specified. Different test parameters and performance requirements may be selected for vehicles in operation on other networks (e.g. urban rail). This document is historically developed for outboard applications with rotating inner rings, but can be used for vehicles with inboard bearing arrangements with rotating inner rings. It gives some possible examples where a sequenced rig performance test addresses the broad range of different service conditions within a specific application or vehicle platform into account.

Keel: en
Alusdokumendid: EN 12082-1:2025
Asendab dokumenti: EVS-EN 12082:2017+A1:2021

EVS-EN 12082-2:2025

Railway applications - Axleboxes - Part 2: Deployment Procedure

This document is a part of a package of standards: EN 12080, EN 12081, EN 12082-1 and EN 12082-2. This document specifies the principles and methods for deployment of the system of axlebox rolling bearing(s), housing, seal(s) and grease, required for reliable operation of trains on European networks. It covers the conformity assessment with respect to design requirements on the rolling bearing(s) according EN 12080 and grease according EN 12081 as well as the performance of (rig) tests according to EN 12082-1. This document is historically developed for outboard applications with rotating inner rings, but can be used for vehicles with inboard bearing arrangements with rotation inner rings. The present document describes the complete deployment procedure for new axleboxes and it specifies the necessary type and extent of testing. For certain cases and based on a documented risk assessment, a reduced deployment procedure is described. This document only applies to axleboxes equipped with rolling bearings and greases according to EN 12080 and EN 12081. It is not within the scope of EN 12082-2 to specify the technical details of the testing procedures, these are covered by EN 12082-1. It is not within the scope of EN 12082-2 to define the validation procedure of box housings, sleeves or coves from a structural point of view. The relevance of these parts in the scope of this document is limited to the interaction with the axle box rolling bearing with respect to the required service.

Keel: en
Alusdokumendid: EN 12082-2:2025
Asendab dokumenti: EVS-EN 12082:2017+A1:2021

EVS-EN 15016-2:2023+A1:2025

Raudteealased rakendused. Tehnilised joonised. Osa 2: Osade loetelud
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+A1:2025
Asendab dokumenti: EVS-EN 15016-2:2023

EVS-EN 15827:2025

Raudteealased rakendused. Nõuded pöördvankrile ja veermikule
Railway applications - System Engineering requirements for bogies and running gear

This document is applicable to the system engineering of bogies and running gear for rail vehicles, including those vehicles intended to operate under the Interoperability Directives. It specifies the requirements to achieve: - a satisfactory design of bogie or running gear, - validation of the design within its operating envelope, and - a maintenance plan to ensure that the relevant performance and safety criteria are maintained. The scope of the system engineering process specified in this document includes the design, validation and maintenance of bogies and running gear. No requirements are specified for other systems components that are attached to the bogies or running gear, except to ensure that a satisfactory interface has been provided. NOTE Specifications that relate to bogies and running gear can only be considered in the context of a specific vehicle application. Therefore, the performance, including safety, can relate only to the bogies and running gear as part of a vehicle configuration and not to the individual elements of the bogies or running gear.

Keel: en
Alusdokumendid: EN 15827:2025
Asendab dokumenti: EVS-EN 15827:2011

EVS-EN 16683:2025

Raudteealased rakendused. Hädaabi ja suhtlusseadmed. Nõuded raudteeveeremile
Railway applications - Call for aid and communication device - Requirements for heavy rail vehicles

This document covers heavy rail rolling stock. This document does not cover urban rail rolling stock. NOTE 1 EN 17355 covers communication device requirements for urban rail rolling stock. This document specifies: - the functional requirements for a call for aid system and communication device system; - the dynamic analysis of the call for aid system. NOTE 2 "Dynamic analysis" is understood here as a sequence of actions. NOTE 3 In a formation of vehicles where one complies with this document with one that does not, it is possible that the call for aid system is not fully functional. NOTE 4 The call for aid system function is separate from the Passenger Alarm System (PAS) function, which is provided to deal with emergency situations. The PAS is described in EN 16334-1:2014+A1:2022. NOTE 5 The communication device system can be different from the PAS, but it can share some or all parts of the PAS to achieve its functionalities. NOTE 6 The PAS is regarded as a safety relevant system whereas the CFA system and communication device system are non-safety relevant aids to passengers.

Keel: en
Alusdokumendid: EN 16683:2025
Asendab dokumenti: EVS-EN 16683:2015

EVS-EN 50317:2025

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

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

Keel: en

Alusdokumendid: EN 50317:2025
Asendab dokumenti: EVS-EN 50317:2012
Asendab dokumenti: EVS-EN 50317:2012/A1:2022
Asendab dokumenti: EVS-EN 50317:2012+A1:2022

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 3014:2025

Aerospace series - Shank nut, self-locking, serrated, in heat resisting steel FE-PA2601 (A286) - Classification: 1 100 MPa (at ambient temperature) / 650 °C

This document specifies the characteristics of self-locking serrated shank nuts in FE-PA2601, for aerospace applications. Classification: 1 100 MPa /650 °C .

Keel: en
Alusdokumendid: EN 3014:2025
Asendab dokumenti: EVS-EN 3014:2015

EVS-EN 3043:2025

Aerospace series - Fasteners, externally threaded, in heat resisting steel FE-PA92HT (A286) - Classification: 900 MPa/650 °C, manufacturing method optional - Technical specification

This document specifies the technical and quality assurance requirements for externally threaded fasteners in material FE-PA92HT (A286) of tensile strength class 900 MPa at room temperature, maximum test temperature of material 650 °C, either manufactured by machining from bar or forging. Primarily for aerospace applications, it is applicable to such externally threaded fasteners when referenced on the product standard or drawing.

Keel: en
Alusdokumendid: EN 3043:2025
Asendab dokumenti: EVS-EN 3043:2008

EVS-EN 3049:2025

Aerospace series - O-rings, in fluorocarbon rubber (FKM), low compression set - Hardness 80 IRHD

This document specifies the characteristics of O-rings in fluorocarbon rubber (FKM), low compression set, hardness 80 IRHD, for aerospace applications. They are intended to be used in air, mineral / synthetic oil and fuel systems. Operating conditions - Temperature: a) Continuous operation: −20 °C to +225 °C; b) Static applications minimum temperature of use: −50 °C. Limitation: not used with phosphoric ester type hydraulic fluids (permanent or temporary immersion).

Keel: en
Alusdokumendid: EN 3049:2025
Asendab dokumenti: EVS-EN 3049:2000

EVS-EN 3050:2025

Aerospace series - O-rings, in fluorocarbon rubber (FKM), low compression set - Technical specification

This document specifies the characteristics, qualification and acceptance requirements for O-rings in low compression set fluorocarbon rubber (FKM) to EN 2798.

Keel: en
Alusdokumendid: EN 3050:2025
Asendab dokumenti: EVS-EN 3050:2000

EVS-EN 3475-408:2025

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 408: Fire resistance

This document specifies a method of testing the fire resistance of "fire-proof" electrical cables.

Keel: en
Alusdokumendid: EN 3475-408:2025
Asendab dokumenti: EVS-EN 3475-408:2005

EVS-EN 3475-807:2025

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 807: Transfer impedance

This document specifies methods for measuring the transfer impedance of a cable. It is intended to be used together with EN 3475-100 and IEC 62153-4-3.

Keel: en
Alusdokumendid: EN 3475-807:2025
Asendab dokumenti: EVS-EN 3475-807:2002

EVS-EN 3475-810:2025

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 810: Structural return loss

This document specifies methods for measuring the structural return loss of symmetrical cables for digital data transmission. It is applicable together with EN 3475-100 and EN 50289-1-11. Attention is drawn in particular to correction procedures detailed in EN 50289-1-11:2016, Annex B, to minimize negative effects of cable preparation in the purpose of high frequency range measurements.

Keel: en
Alusdokumendid: EN 3475-810:2025
Asendab dokumenti: EVS-EN 3475-810:2009

EVS-EN 3745-510:2025

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 510: Bending test

This document specifies a method of determining the attenuation variation of an optical cable during mechanical bending under load at the maximum and minimum operating temperatures.

Keel: en
Alusdokumendid: EN 3745-510:2025
Asendab dokumenti: EVS-EN 3745-510:2017

EVS-EN 4314:2025

Aerospace series - Heat-resisting alloy X4NiCrTiMoV26-15 (1.4680) - Consumable electrode remelted - Not heat treated - Forging stock - a or D ≤ 250 mm

This document specifies the requirements relating to: Heat-resisting alloy X4NiCrTiMoV26-15 (1.4680) Consumable electrode remelted Not heat treated Forging stock a or D ≤ 250 mm for aerospace applications. W.nr: 1.4680. ASD-STAN designation: FE-PA2602.

Keel: en
Alusdokumendid: EN 4314:2025
Asendab dokumenti: EVS-EN 4314:2007

EVS-EN 4315:2025

Aerospace series - Heat-resisting alloy X6NiCrTiMoV26-15 (1.4980) - Consumable electrode remelted - Solution treated and precipitation treated - Bars and sections - a or D ≤ 100 mm - Rm ≥ 900 MPa

This document specifies the requirements relating to: Heat-resisting alloy X6NiCrTiMoV26-15 (1.4980) Consumable electrode remelted Solution treated and precipitation treated Bars and sections a or D ≤ 100 mm Rm ≥ 900 MPa for aerospace applications. W.nr: 1.4980. ASD-STAN designation: FE-PA2601.

Keel: en
Alusdokumendid: EN 4315:2025
Asendab dokumenti: EVS-EN 4315:2007

EVS-EN 4317:2025

Aerospace series - Heat-resisting alloy X6NiCrTiMoV26-15 (1.4980) - Consumable electrode remelted - Not heat treated - Forging stock - a or D ≤ 200 mm

This document specifies the requirements relating to: Heat-resisting alloy X6NiCrTiMoV26-15 (1.4980) Consumable electrode remelted Not heat treated Forging stock a or D ≤ 200 mm for aerospace applications. W.nr: 1.4980. ASD-STAN designation: FE-PA2601.

Keel: en
Alusdokumendid: EN 4317:2025
Asendab dokumenti: EVS-EN 4317:2007

EVS-EN 4318:2025

Aerospace series - Heat-resisting alloy X6NiCrTiMoV26-15 (1.4980) - Consumable electrode remelted - Solution treated and precipitation treated - Bars and sections - De ≤ 100 mm - Rm ≥ 960 MPa

This document specifies the requirements relating to: Heat-resisting alloy X6NiCrTiMoV26-15 (1.4980) Consumable electrode remelted Solution treated and precipitation treated Bars and sections De ≤ 100 mm Rm ≥ 960 MPa for aerospace applications. W.nr: 1.4980. ASD-STAN designation: FE-PA2601.

Keel: en
Alusdokumendid: EN 4318:2025
Asendab dokumenti: EVS-EN 4318:2007

EVS-EN 4700-001:2025

Aerospace series - Steel and heat-resisting alloys for wrought products - Technical specification - Part 001: Plates, sheets and strips

This document specifies the requirements for the ordering, manufacture, testing, inspection and delivery of steel and heat-resisting (cobalt, nickel and iron-based alloys) alloy plates, sheets and strips. It is presupposed to be applied when referred to and in conjunction with the EN material standard unless otherwise specified on the drawing, order or inspection schedule.

Keel: en
Alusdokumendid: EN 4700-001:2025
Asendab dokumenti: EVS-EN 4700-001:2010

EVS-EN 4700-002:2025

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

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

Keel: en
Alusdokumendid: EN 4700-002:2025
Asendab dokumenti: EVS-EN 4700-002:2021

EVS-EN 4700-003:2025

Aerospace series - Steel and heat-resisting alloys for wrought products - Technical specification - Part 003: Tubes

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

Keel: en
Alusdokumendid: EN 4700-003:2025
Asendab dokumenti: EVS-EN 4700-003:2010

EVS-EN 4700-004:2025

Aerospace series - Steel and heat-resisting alloys for wrought products for technical specification - Part 004: Wires

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

Keel: en
Alusdokumendid: EN 4700-004:2025
Asendab dokumenti: EVS-EN 4700-004:2010

EVS-EN 4700-005:2025

Aerospace series - Steel and heat-resisting alloys for wrought products - Technical specification - Part 005: Forging stocks

This document specifies the requirements for the ordering, manufacture, testing, inspection and delivery of steel and heat-resisting alloy forging stock. It is presupposed to be applied when referred to and in conjunction with the EN material standard unless otherwise specified on the drawing, order or inspection schedule.

Keel: en
Alusdokumendid: EN 4700-005:2025
Asendab dokumenti: EVS-EN 4700-005:2010

EVS-EN 4700-006:2025

Aerospace series - Steel and heat-resisting alloys for wrought products - Technical specification - Part 006: Pre-production and production forgings

This document specifies the requirements for the ordering, manufacture, testing, inspection and delivery of pre-production and production forgings in steel and heat-resisting alloys.

Keel: en
Alusdokumendid: EN 4700-006:2025
Asendab dokumenti: EVS-EN 4700-006:2010

EVS-EN 4700-007:2025

Aerospace series - Steel and heat-resisting alloys for wrought products - Technical specification - Part 007: Remelting stocks

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

Keel: en
Alusdokumendid: EN 4700-007:2025
Asendab dokumenti: EVS-EN 4700-007:2010

EVS-EN 4855-02:2025

Aerospace series - ECO efficiency of catering equipment - Part 02: Oven equipment

This document specifies a test procedure to identify performance characteristics and a weight rating of convection and steam ovens used on aircraft. Furthermore, it specifies the calculation procedure to determine an energy consumption index and a performance index. There is no direct correlation between the ECO efficiency and cooking performance in terms of food quality and appearance. The two index values represent the ECO efficiency.

Keel: en
Alusdokumendid: EN 4855-02:2025
Asendab dokumenti: EVS-EN 4855-02:2020

EVS-EN 6050:2025

Aerospace series - Pin, close tolerance, swage locking, 100° countersunk reduced head, shear type, in aluminium alloy 7050, conversion coating - Inch series

This document specifies the characteristics of close tolerance pins, swage locking, 100° countersunk reduced head, shear type, in aluminium alloy 7050-T73 with chemical film, inch series, with a maximum operating temperature of 80 °C for aerospace application.

Keel: en
Alusdokumendid: EN 6050:2025

EVS-EN 6051:2025

Aerospace series - Collar, swage locking, shear type, in aluminium alloy 3003, conversion coating - Inch series

This document specifies the characteristics of a collar, swage locking, shear type, in aluminium alloy 3003, with a maximum operating temperature of 80 °C for aerospace application. This document is applicable in combination with EN 6050, EN 6100 or EN 6120.

Keel: en
Alusdokumendid: EN 6051:2025

EVS-EN 6054:2025

Aerospace series - Collar, swage locking, shear type, in aluminium alloy 6061, conversion coating - Inch series

This document specifies the characteristics of a collar, swage locking, shear type, in aluminium alloy 6061-T7, with a maximum operating temperature of 80 °C for aerospace application. This document is applicable in combination with EN 6050, EN 6100 or EN 6120.

Keel: en
Alusdokumendid: EN 6054:2025

EVS-EN 6059-302:2025

Aerospace series - Electrical cables, installation - Protection sleeves - Test methods - Part 302: High temperature exposure

This document specifies a method for the high temperature exposure of protection sleeves for electrical cable and cable bundles for aerospace applications. It is used together with EN 6059 100.

Keel: en
Alusdokumendid: EN 6059-302:2025
Asendab dokumenti: EVS-EN 6059-302:2017

EVS-EN 9241:2025

Aerospace series - Programme management - Execution logic

The scope of the present document is to provide the elements needed for elaborating the programme execution logic and drafting the execution plan for the realization of a product. NOTE 1 In this document, the term “logic” alone is sometimes used for “execution logic”. NOTE 2 In this document, the term “product” is used to designate the object of the program concerned, and the term “system” is used to designate the product for anything related to system engineering. NOTE 3 The product is also considered a “system-of-interest” and its enabling systems are also taken into account. The execution logic and plan enable

customers/suppliers to reach an agreement on how their respective processes and activities can be organized. The aim is to enable each actor in the programme to manage their activities with sufficient visibility of the sequencing of the other stakeholders' activities. This document belongs to the documents supporting EN 9200 relating to the programme management specification. The present document describes the principles of programme execution logic and defines the corresponding management requirements. This description is supplemented: — on the one hand, in terms of execution logic principles, by: — the challenges of a basic logic common to all actors (synchronization); — the applicable criteria to set up this basic logic; — the translation of this logic into the programme processes; — on the other hand, in terms of implementing the execution logic, by: — the procedures for practical implementation of the management requirements defined in EN 9200; — adaptations of the logic according to the various constraints and specificities of the programme, and justification of these adaptations; — the consistency between the basic logic at system level and the logics at subsystem and constituent levels. The breakdown of clauses as used in this document gives a gradual understanding of the approach to be adopted to construct an execution logic. For instance: — Clause 5 presents the end-purpose of a programme execution logic as well as the associated basic concepts and the constituents of this logic; — Clause 6 describes and characterizes the process for building the logic; — Clause 7 concerns change control to the execution logic; — Clause 8 concentrates on the importance of capitalization and lessons learned. This document applies to aeronautical, space and defence programmes. The principles can be extended to other areas of activity. It applies to realization of a single product, of several samples or of a series. It applies to any customer/supplier level, while ensuring consistency between successive levels. The principles described concern all programme actors, from initial expression of need through to closure of the programme.

Keel: en
Alusdokumendid: EN 9241:2025

EVS-EN 9276:2025

Aerospace series - Programme management - Recommendations for the implementation of the integrated logistic support

The purpose of this document is to: — identify and describe, in a structured way, the principles of the integrated logistic support (ILS) activities and tasks for the main types of stakeholders in the system life cycle, from the expression of need to disposal; — place the activities, tasks and ILS deliverables within the programme execution; — identify the main selection and sizing of activities and tasks criteria according to the nature and the requirements of the programme; — control the relations with the other aspects of programme management. This document covers the following subjects: — management of ILS (definition, implementation and running of the processes); — expression of the support requirements; — elaboration of the contracts (e.g. for development, maintenance, supply); — implementation of the tasks and processes. This document is also related to the following subjects: — relations with costs and lead times control, configuration management, performance and RAMS management, quality assurance, documentation management; — regulations (e.g. information system security, export controls, safety at work); — human and organizational factors (HOF); — environment (e.g. RoHS, REACh); — information systems (IS) and the links between them; — logistics information systems (LIS); — in-service support (ISS) activities; — configuration management of ILS objects; — life cycle. The following stakeholders are concerned by ILS: — users in the broadest sense: operators, maintenance operators, administrators, dismantlers of the system, trainers; — the customer, who: — prepares technical and contractual specifications of need with which the system will comply; — sets up the funding of the programme; — oversees the realization and commissioning of the main system and of the support system; — facilitates the feedback. NOTE 1 At the highest level of the system, the customer can also be referred to as the "project owner". NOTE 2 The "main system" can also be referred to as the "system of interest". — the supplier(s) who deliver a system (main and support) to the customer, which meets the performance specifications on time and for the agreed cost, throughout the system life cycle; NOTE 3 At the highest level of the system, the supplier can also be referred to as the "industrial prime contractor". — the regulatory authorities that supervise and approve the support processes and equipment, as needed. The principles laid down in this document can be applied, after adaptation, to all the customer/supplier relations resulting from the breakdown of the main contract into sub-contracts.

Keel: en
Alusdokumendid: EN 9276:2025

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN 13001-3-5:2025

Kraanad. Üldine ehitus. Osa 3-5: Sepistatud ja valatud konksude piirseisundid ja kõlblikkuse tõendamine

Cranes - General design - Part 3-5: Limit states and proof of competence of forged and cast hooks

This document covers shank hooks made of steel forgings or steel castings, including stainless steel, with shanks machined for a thread/nut suspension of the hook. Plate hooks, which are those, assembled of one or several parallel parts of rolled steel plates, are not covered by this document. The significant hazardous situations and hazardous events that could result in risks to persons during intended use and reasonably foreseeable misuse are identified in Annex N. Clauses 4 to 6 of this document provide requirements and methods to reduce or eliminate the risks of exceeding the limits of strength (yield, ultimate, fatigue, brittle fracture) considering temperature limits of material. The hazards covered by this document are identified in Annex N. This document is applicable to hooks installed in cranes manufactured after the date of approval of this European Standard by CEN and serves as a reference base for product standards of particular crane types. This part of EN 13001 deals only with the limit state method in accordance with EN 13001-1:2015.

Keel: en
Alusdokumendid: EN 13001-3-5:2025
Asendab dokumenti: EVS-EN 13001-3-5:2016+A1:2021

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 415-4:2025

Pakkemasinate ohutus. Osa 4: Kaubaaluste pakkimis- ja lahtipakkimismasinad ning seotud tarvikud

Safety of packaging machines - Part 4: Palletizers and depalletizers and associated equipment

This document is applicable to the following groups of machines, auxiliary equipment and their combinations: - palletizers; - depalletizers; - auxiliary equipment incorporated in or linked to the operations of palletizers and depalletizers; - conveying systems which are part of palletizers or depalletizers; - palletizers combined with functions of machines which are covered by other parts of EN 415, but detailed requirements are only provided for palletizing functions. The individual machines are described in 3.2. Auxiliary equipment is described in 3.3. This document deals with safety requirements for machine design, transport, installation, commissioning, operation, adjustment, maintenance and cleaning of palletizers, depalletizers, auxiliary equipment and conveying systems which are part of palletizer or depalletizer. The extent to which hazards, hazardous situations and events are covered is indicated in Annex A. Exclusions: This document is not applicable to the following machines: - machines that were manufactured before the date of publication of this document by CEN; - conveyors that connect palletizers and depalletizers with machines that are not in the scope of this document. Conveyors in the scope of this document also fall in the scope of EN 619:2022, however, this document describes the additional or specific hazards for conveyors fitted into palletizers and depalletizers and so the requirements of this document take precedence over the requirements of EN 619:2022. This document does not consider the following hazards: — the use of palletizers and depalletizers in a potentially explosive atmosphere; — the health, safety or hygiene hazards associated with the products that are contained in the unit load handled by palletizers and depalletizers except for the spillage of hazardous substances caused by the malfunction of a machine.

Keel: en
Alusdokumendid: EN 415-4:2025
Asendab dokumenti: EVS-EN 415-4:1999
Asendab dokumenti: EVS-EN 415-4:1999/AC:2013

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 11642:2025

Leather - Tests for colour fastness - Colour fastness to water (ISO 11642:2025)

This document specifies a method for determining the colour fastness to water of leather of all kinds at all stages of processing.

Keel: en
Alusdokumendid: ISO 11642:2025; EN ISO 11642:2025
Asendab dokumenti: EVS-EN ISO 11642:2012

EVS-EN ISO 13144:2025

Textiles - Determination of quinoline, isoquinoline and certain derivatives (ISO 13144:2025)

This document specifies a method for the qualification and quantification of certain quinoline derivatives in textile products by means of extraction with methanol and gas chromatography with mass selective detector or liquid chromatography with mass selective detector. The method is applicable to all kinds of textile products consisting of natural or artificially dyed textile fibres and fabrics. It is further applicable to dyestuff powder used as textile auxiliary for dyeing and printing.

Keel: en
Alusdokumendid: ISO 13144:2025; EN ISO 13144:2025

EVS-EN ISO 17232:2025

Leather - Physical and mechanical tests - Determination of heat resistance of patent leather (ISO 17232:2025)

This document specifies two methods for determining the heat resistance of patent leather. Method A makes use of a modified lastometer, while Method B uses the “Zwik” apparatus. Both methods are applicable to patent leathers for all end uses.

Keel: en
Alusdokumendid: ISO 17232:2025; EN ISO 17232:2025
Asendab dokumenti: EVS-EN ISO 17232:2017

71 KEEMILINE TEHNOLOOGIA

EVS-EN 15154-1:2025

Emergency safety showers - Part 1: Plumbed-in body showers for laboratories

This document is a product specification, giving performance requirements for emergency safety body showers connected to the water supply. It is applicable to plumbed-in body showers only, located in laboratory facilities. Requirements are given in respect of the performance, installation, adjustment and marking of the showers as well as installation, operation and maintenance instructions to be given by the manufacturer. NOTE Attention is drawn to national regulations which might apply in respect of the installation and use of emergency safety showers.

Keel: en
Alusdokumendid: EN 15154-1:2025
Asendab dokumenti: EVS-EN 15154-1:2006

EVS-EN 15154-2:2025

Emergency safety showers - Part 2: Plumbed-in eyewash units

This document is a product specification, giving performance requirements for emergency safety eyewash units connected to the water supply. It is applicable to plumbed-in eyewash units only. Requirements are given in respect of the performance, installation, adjustment and marking of the eyewash units, as well as installation, operation and maintenance instructions to be given by the manufacturer. NOTE Attention is drawn to national regulations which can apply in respect of the installation and use of eyewash units.

Keel: en
Alusdokumendid: EN 15154-2:2025
Asendab dokumenti: EVS-EN 15154-2:2006

75 NAFTA JA NAFTATEHNOLOOGIA

CEN/TR 18238:2025

Automotive fuels - E20 petrol - Background on the parameters required, their respective limits and justification

This document gives the technical rationale for the requirements and parameters for petrol as defined in CEN/TS 18227, with a minimum oxygen content of 3,7 % (m/m) and a maximum of 8,0 % (m/m). This fuel has maximum 20,0 % (V/V) ethanol and/or of 22 % (V/V) fuel ethers with 5 or more carbons. NOTE 1 This document is directly related to CEN/TS 18227 and will be updated once further publications take place. NOTE 2 For the purpose of this document, the terms “% (m/m)” and “% (V/V)” are used to represent respectively the mass fraction and the volume fraction.

Keel: en
Alusdokumendid: CEN/TR 18238:2025

CEN/TS 18227:2025

Automotive fuels - E20 petrol - Requirements and test methods

This document specifies requirements and test methods for E20 petrol marketed and delivered as such, containing a minimum oxygen content of 3,7 % (m/m) and a maximum of 8,0 % (m/m). The fuel has a maximum of 20,0 % (V/V) ethanol. It is applicable to fuel for use in spark-ignition petrol-fuelled engines and vehicles. This document is complementary to EN 228, which describes unleaded petrol containing an oxygen content up to 3,7 % (m/m) and a maximum ethanol content of 10 % (V/V). NOTE 1 For general petrol engine vehicle warranty, E20 petrol might not be suitable for all vehicles and it is advised that the recommendations of the vehicle manufacturer are consulted before use. E20 petrol might need a validation step to confirm the compatibility of the fuel with the vehicle, which for some existing engines might still be needed. NOTE 2 For the purposes of this document, the terms “% (m/m)” and “% (V/V)” are used to represent respectively the mass fraction, μ, and the volume fraction, φ.

Keel: en
Alusdokumendid: CEN/TS 18227:2025

EVS-EN 12081:2025

Railway applications - Axleboxes - Lubricating greases

This document is a part of a package of standards: EN 12080, EN 12081, EN 12082-1 and EN 12082-2. This document specifies the quality requirements of greases intended for the lubrication of axlebox rolling bearings according to EN 12080, required for reliable operation of trains on European networks. It covers the requirements for conformity assessment of new greases, as well as requirements for quality batch control and change management.

Keel: en
Alusdokumendid: EN 12081:2025
Asendab dokumenti: EVS-EN 12081:2017

EVS-EN 12186:2025

Gas infrastructure - Gas pressure control stations for transmission and distribution - Functional requirements

This document specifies the functional requirements relevant for design, materials, construction, testing, operation and maintenance of gas pressure control stations to ensure their reliability in terms of safety of the station itself and the downstream system and continuity of service. This document is applicable for gas pressure control stations which are part of gas transmission or distribution systems for hydrogen, and hydrogen rich, and methane rich gases. Additional requirements in the case of gases heavier than air and/or toxic or corrosive gases are not covered by this document. This document does not apply to gas pressure control stations in operation prior to the publication of this document. However, Annex D of this document can be used as guidance for the evaluation of stations in operation prior to the publication of this document, regarding the change of the type of gas, e.g. repurposing for the use with hydrogen. The stations covered by this document have a maximum upstream operating pressure, which does not exceed 100 bar. For higher maximum upstream operating pressures, this document can be used as a guideline. If the inlet pipework of the station is a service line and the maximum upstream operating pressure does not exceed 16 bar and the design flow rate is equal to 2000 kW based on the gross calorific value or less, EN 12279 applies. This document contains the basic system requirements for gas pressure control stations. Requirements for individual components (valves, regulators, safety devices, pipes, etc.) or installation of the components are contained in the appropriate European Standards. NOTE For combined control and measuring stations, the additional requirements of EN 1776 can apply. The requirements in this document do not apply to the design and construction of auxiliary facilities such as sampling, calorimetering, odorization systems and density measuring. These facilities are covered by the appropriate European Standards, where existing, or applicable national standards. The requirements of this document are based on good gas engineering practice under conditions normally encountered in the

gas industry. Requirements for unusual conditions cannot be specifically provided for, nor are all engineering and construction details prescribed. The objective of this document is to ensure the safe operation of such stations. This does not, however, relieve all concerned of the responsibility for taking the necessary care and applying effective quality and safety management during the design, construction, operation and maintenance.

Keel: en
Alusdokumendid: EN 12186:2025
Asendab dokumenti: EVS-EN 12186:2014

EVS-EN 14078:2025

Liquid petroleum products - Determination of fatty acid methyl ester (FAME) content in middle distillates - Infrared spectrometry method

This document specifies a test method for the determination of fatty acid methyl ester (FAME) content in diesel fuel or domestic heating fuel by mid-infrared (IR) spectrometry and a transmission sample cell, which applies to FAME contents of the three measurement ranges as follows: - range A: for FAME contents ranging from approx. 0,05 % (V/V) to approx. 3 % (V/V); - range B: for FAME contents ranging from approx. 3 % (V/V) to approx. 20 % (V/V); - range C: for FAME contents ranging from approx. 20 % (V/V) to approx. 50 % (V/V). Principally, higher FAME contents can also be analysed if diluted; however, no precision data for results outside the specified range is available at present. This test method was verified to be applicable to samples which contain FAME conforming to EN 14214. Reliable quantitative results are obtained only if the samples do not contain any significant amounts of other interfering components, especially esters and other carbonyl compounds which possess absorption bands in the spectral region used for quantification of FAME. If such interfering components are present, this test method is expected to produce higher values. NOTE 1 For the purposes of this document, the term “% (V/V)” is used to represent the volume fraction (φ) of a material. NOTE 2 For conversion of grams FAME per litre (g FAME/l) to volume fraction, a fixed density for FAME of 883,0 kg/m3 is adopted. WARNING — The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: EN 14078:2025
Asendab dokumenti: EVS-EN 14078:2014

EVS-EN 1776:2025

Gas infrastructure - Gas measuring systems - Functional requirements

This document specifies functional requirements for the design, construction, testing, commissioning/decommissioning, operation, maintenance and, where appropriate, calibration, together with suitable documented provisions for all new gas measuring systems and any major changes of existing systems. This document also specifies accuracy classes of measuring systems and thresholds applicable to these classes. Demonstration of compliance is achieved through the selection, installation and operation of appropriate measurement instruments, together with suitable documented provisions for calculations. Examples of demonstration of compliance are provided for each accuracy class; however, they are not prescriptive solutions. This document is applicable for gases of the 2nd family as classified in EN 437. It is also applicable for treated non-conventional combustible gases complying with EN 437 and for which a detailed technical evaluation of the functional requirements (such as injected biomethane) is performed ensuring there are no other constituents or properties of the gases that can affect the metrological and physical integrity of the measuring systems. This version mentions technical topics to consider when hydrogen and natural gas / hydrogen blends flow through the measuring systems. Blends with a hydrogen content between 20mol% and 98 mol% are not considered by this standard. This document applies to hydrogen with a purity as specified in CEN/TS 17977 for rededicated natural gas systems. This document can also be used as a guideline for measuring systems for other gases e.g. gaseous CO2 for CCUS. This document does not apply to for raw or sour gases. This document does not apply to for gas measurement in CNG filling stations. This document gives guidelines when designing, installing and operating gas meters with additional functionalities (smart gas meters). Communication protocols and interfaces for gas meters and remote reading of gas meters are outside the scope of this document and are covered by the appropriate parts of the EN 13757 series. which provide a number of protocols for meter communications. Supervisory control and data acquisition protocols (SCADA) are also not covered by this document. Unless otherwise specified all pressures used in this document are gauge pressures. For associated pressure regulating systems the requirements of EN 12186 and/or EN 12279 apply. For requirements on design, housing, lay-out, materials for components, construction, ventilation, venting and overall safety of gas measuring systems within the scope of this document, the EN 15001 series, EN 12186, EN 12279 and/or EN 1775 apply additionally, where relevant.

Keel: en
Alusdokumendid: EN 1776:2025
Asendab dokumenti: EVS-EN 1776:2015

EVS-EN ISO 16486-4:2025/A11:2025

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

Amendment to EN ISO 16486-4:2025

Keel: en
Alusdokumendid: EN ISO 16486-4:2025/A11:2025
Muudab dokumenti: EVS-EN ISO 16486-4:2025

EVS-EN ISO 17507-1:2025

Natural gas - Calculation of methane number of gaseous fuels for reciprocating internal combustion engines - Part 1: MNc method (ISO 17507-1:2025)

This document specifies the MNC method for the calculation of the methane number of a gaseous fuel, using the composition of the gas as sole input for the calculation. This document applies to natural gas (and biomethane) and their admixtures with hydrogen.

Keel: en
Alusdokumendid: ISO 17507-1:2025; EN ISO 17507-1:2025

EVS-EN ISO 17507-2:2025

Natural gas - Calculation of methane number of gaseous fuels for reciprocating internal combustion engines - Part 2: PKI method (ISO 17507-2:2025)

This document specifies the PKI method for the calculation of the methane number of a gaseous fuel, using the composition of the gas as sole input for the calculation. This document applies to natural gas (and biomethane) and their admixtures with hydrogen.

Keel: en
Alusdokumendid: ISO 17507-2:2025; EN ISO 17507-2:2025

77 METALLURGIA

EVS-EN 10253-2:2021+A1:2025

Põkk-keevitusega toruliitmikud. Osa 2: Erijärelevalvenõuetega legeerimata ja ferriitsed legeerterased
Butt-welding pipe fittings - Part 2: Non alloy and ferritic alloy steels with specific inspection requirements

This document specifies the technical delivery requirements for seamless and welded butt welding fittings (elbows, concentric and eccentric reducers, equal and reducing tees, caps) made of carbon and alloy steel in two test categories which are intended for pressure purposes at room temperature, at low temperature or at elevated temperatures, and for the transmission and distribution of fluids and gases. It specifies: a) type of fittings; type A: Butt-welding fittings with reduced pressure factor; type B: Butt-welding fittings for use at full service pressure; b) steel grades and their chemical compositions; c) mechanical properties; d) dimensions and tolerances; e) requirements for inspection and testing; f) inspection documents; g) marking; h) protection and packaging. NOTE The selection of the appropriate fitting (material, thickness) is the ultimate responsibility of the manufacturer of the pressure equipment (see European Legislation for Pressure Equipment). In the case of a harmonized supporting standard for materials, presumption of conformity to the ESRs is limited to technical data of materials in the standard and does not presume adequacy of the material to a specific item of equipment. Consequently, it is essential that the technical data stated in the material standard be assessed against the design requirements of this specific item of equipment to verify that the ESRs of the PED are satisfied.

Keel: en
Alusdokumendid: EN 10253-2:2021+A1:2025
Asendab dokumenti: EVS-EN 10253-2:2021

EVS-EN ISO 26203-1:2025

Metallic materials - Tensile testing at high strain rates - Part 1: Elastic-bar-type systems (ISO 26203-1:2025)

This document specifies guidelines for testing metallic sheet materials to determine the stress-strain characteristics at high strain rates. This document covers the use of elastic-bar-type systems. This test method covers the strain-rate range above 102 s−1. NOTE This testing method is also applicable to tensile test-piece geometries other than the flat test pieces considered here.

Keel: en
Alusdokumendid: ISO 26203-1:2025; EN ISO 26203-1:2025
Asendab dokumenti: EVS-EN ISO 26203-1:2018

79 PUIDUTEHNOLOOGIA

EVS-EN ISO 19085-15:2025

Puidutöötlusmasinad. Ohutus. Osa 15: Pressid
Woodworking machines - Safety - Part 15: Presses (ISO 19085-15:2025)

1.1 This document specifies the safety requirements and measures for — cold presses, — hot presses, — bending presses, — edge/face gluing presses, — membrane presses, and — embossing presses, where the pressing force is applied by hydraulic, pneumatic or electrical actuators pushing two flat or shaped surfaces against each other, capable of continuous production use, altogether referred to as “machines”. This document deals with all significant hazards, hazardous situations and events as listed in Annex A, relevant to machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer, including reasonably foreseeable misuse. Also, transport, assembly, dismantling, disabling and scrapping phases are taken into account. 1.2 This document is applicable to machines fitted with one or more of the following devices or additional working units, whose hazards have been dealt with: a) a device for hot gluing; b) a device for high-frequency gluing in the frequency range from 1 MHz to 400 MHz; c) a device for high-frequency shaping in the frequency range

from 1 MHz to 400 MHz; d) an automatic workpiece loading and unloading system; e) an intermediate additional platen; f) a workpiece extractor; g) a horizontal pressing system; h) split moveable platens. 1.3 The machines are designed to process workpieces consisting of: a) solid wood; b) materials with similar characteristics to wood (see ISO 19085-1:2021, 3.2), except those with light alloy laminates/edges/profiles for high-frequency presses; c) wood-based material such as chipboard, fibreboard and plywood composed/laminated with steel sheets/edges/profiles, except for high-frequency presses; d) honeycomb board; e) composite boards made from the materials listed above. 1.4 This document does not deal with any hazards related to: — specific devices that differ from the list above; — hot fluid heating systems internal to the machine other than electrical; — any hot fluid heating systems external to the machine; — operation of taking intermediate platens out and in again; — the combination of a single machine being used with any other machine (as part of a line). 1.5 This document is not applicable to: — frame presses; — membrane presses where the pressing force is applied by vacuum only; — presses for producing chipboard, fibreboard, OSB; — machines intended for use in potentially explosive atmosphere; — machines manufactured before the date of publication of this document.

Keel: en
Alusdokumendid: ISO 19085-15:2025; EN ISO 19085-15:2025
Asendab dokumenti: EVS-EN ISO 19085-15:2021

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN 15365:2025

Advanced technical ceramics - Mechanical properties of ceramic fibres at high temperature in a non-reactive environment - Determination of creep behaviour by the cold grip method

This document specifies the conditions for the determination of the tensile creep deformation and failure behaviour of single filaments of ceramic fibres at high temperature and under test conditions that prevent changes to the material as a result of chemical reaction with the test environment. This document applies to continuous ceramic filaments taken from tows, yarns, braids and knittings, which have strains to fracture less than or equal to 5 %.

Keel: en
Alusdokumendid: EN 15365:2025
Asendab dokumenti: EVS-EN 15365:2010

EVS-EN ISO 10059-1:2025

Dense shaped refractory products - Determination of cold compressive strength - Part 1: Referee test without packing (ISO 10059-1:2025)

This document specifies a method for determination of the cold compressive strength of dense shaped refractory products. Shaped refractories are those which have fixed geometry and dimensions when delivered to the user. This document is accordingly applicable to standard shape refractory bricks, but also special shapes refractory products and pre-cast products.

Keel: en
Alusdokumendid: ISO 10059-1:2025; EN ISO 10059-1:2025
Asendab dokumenti: EVS-EN 993-5:2018

EVS-EN ISO 5014:2025

Dense and insulating shaped refractory products - Determination of modulus of rupture at ambient temperature (ISO 5014:2025)

This document specifies a method for the determination of the modulus of rupture of dense and insulating shaped refractory products at ambient temperature, under conditions of a constant rate of increase of stress. Shaped refractories are those which have fixed geometry and dimensions when delivered to the user. This document is accordingly applicable to standard shape refractory bricks, but also special shapes refractory products and pre-cast products. This document is also applicable to unshaped refractories (see ISO 1927-6) after preparation of test specimens according to ISO 1927-5.

Keel: en
Alusdokumendid: ISO 5014:2025; EN ISO 5014:2025
Asendab dokumenti: EVS-EN 993-6:2018

EVS-EN ISO 8894-2:2025

Refractory materials - Determination of thermal conductivity - Part 2: Hot-wire method (parallel) (ISO 8894-2:2007)

ISO 8894-2:2007 describes a hot-wire (parallel) method for the determination of the thermal conductivity of refractory products and materials.

Keel: en
Alusdokumendid: ISO 8894-2:2007; EN ISO 8894-2:2025
Asendab dokumenti: EVS-EN 993-15:2005

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 13245-1:2025

Plastics - Unplasticized poly(vinyl chloride) (PVC-U) profiles for building applications - Part 1: Designation of PVC-U profiles

This document establishes a system of designation for profiles made of unplasticized poly(vinyl chloride) (PVC-U) intended to be used for building applications. This system is intended to be used in product specification after the application is specified. NOTE It is intended to use this system for the designation of PVC-U profiles for information related to technical literature of the manufacturer, not for the marking of the products. This part is applicable to PVC-U profiles of any colour, obtained by a mono-extrusion or a co-extrusion process, with or without surface finishing (e.g. foil, paint or print). This document defines minimum requirements for the surface finishing of PVC-U profiles. Profiles for the management of electrical power cables, communication cables and power track systems used for the distribution of electrical power, profiles for windows or doors and profiles for guttering are not covered by this document.

Keel: en
Alusdokumendid: EN 13245-1:2025
Asendab dokumenti: EVS-EN 13245-1:2010

EVS-EN 13245-3:2025

Plastics - Unplasticized poly(vinyl chloride) (PVC-U) profiles for building applications - Part 3: Designation of PVC-UE profiles

This document establishes a system of designation for profiles made of cellular unplasticized poly(vinyl chloride) (PVC-UE) intended to be used for building applications. This system is intended to be used in product specification after the application is specified. NOTE It is intended to use this method for the designation of PVC-UE profiles for information related to technical literature of the manufacturer, not for the marking of the products. This part is applicable to PVC-UE profiles of any colour, obtained by a mono-extrusion or a co-extrusion process, with or without surface finishing (e.g. foil, paint or print). This document defines minimum requirements for the surface finishing of PVC-UE profiles. Profiles for the management of electrical power cables, communication cables and power track systems used for the distribution of electrical power, profiles for windows or doors and profiles for guttering are not covered by this document.

Keel: en
Alusdokumendid: EN 13245-3:2025
Asendab dokumenti: EVS-EN 13245-3:2010

EVS-EN ISO 16486-4:2025/A11:2025

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

Amendment to EN ISO 16486-4:2025

Keel: en
Alusdokumendid: EN ISO 16486-4:2025/A11:2025
Muudab dokumenti: EVS-EN ISO 16486-4:2025

91 EHITUSMATERJALID JA EHITUS

CWA 18309:2025

Procedure for testing the antibacterial effect of the air filter after contamination through a bacterial bioaerosol

This document defines a standardized method for assessing the antibacterial effectiveness of air filtration media after exposure to a bacterial bioaerosol. The procedure includes the controlled generation and delivery of a bacterial aerosol, its contact with the test filter surface, and the subsequent evaluation of bacterial viability using both qualitative and quantitative approaches. This method is applicable to various types of air filters, including but not limited to HEPA filters, HVAC filters, coated filters, and filters treated with antimicrobial agents. It establishes validation criteria for controls, inoculum quality, and test conditions to ensure reproducibility and comparability of results across laboratories and applications. This procedure is specifically designed for air filters treated with antibacterial agents to confer antimicrobial properties. Untreated specimens of the same type and production batch shall be used as control specimens to assess the relative antibacterial performance under identical test conditions. The method is intended for use in research, quality control, and product development. It may also be used to facilitate conformity assessment procedures and regulatory compliance, where relevant and applicable.

Keel: en
Alusdokumendid: CWA 18309:2025

EVS-EN 13126-10:2025

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

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

Keel: en
Alusdokumendid: EN 13126-10:2025

Asendab dokumenti: EVS-EN 13126-10:2008

EVS-EN 13126-11:2025

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

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

Keel: en
Alusdokumendid: EN 13126-11:2025
Asendab dokumenti: EVS-EN 13126-11:2008

EVS-EN 13126-12:2025

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

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

Keel: en
Alusdokumendid: EN 13126-12:2025
Asendab dokumenti: EVS-EN 13126-12:2008

EVS-EN 81-30:2025

Liftide ehituse ja paigalduse ohutuseeskirjad. Ainult kaupade veoks ettenähtud liftid. Osa 30: Elektrilised ja hüdraulilised teenindusliftid
Safety rules for the construction and installation of lifts - Lifts for the transport of goods only - Part 30: Electric and hydraulic service lifts

1.1 This document specifies the safety rules for the construction and installation of permanently installed service lifts, with traction, positive, or hydraulic drive, serving defined landing levels, having a carrier the interior of which is regarded as inaccessible to persons on account of its dimensions and means of construction, suspended by ropes or chains or jack and moving between rigid guide rails inclined not more than 15° to the vertical. This document covers service lifts with rated load not exceeding 300 kg and not intended to transport persons. 1.2 This document does not cover: a) service lifts with drives other than those stated in 1.1; b) services lifts having carrier with dimensions that exceed: 1) for floor area, 1,0 m2; 2) for depth, 1,0 m; 3) for height, 1,20 m. The height is not limited if the carrier comprises several permanent compartments, each of which satisfies the above dimensions. c) lifting appliances, such as paternosters, mines lifts, theatrical lifts, appliances with automatic caging, skips and hoists for building and public works sites, ships hoists, platforms for exploration or drilling at sea, construction and maintenance appliances; d) safety during operations of transport, erection, repairs and dismantling of service lifts; e) use of glass for the walls of the well, for the carrier and for the landing doors including their vision panels; f) hydraulic service lifts where the setting of the pressure relief valve exceeds 50 MPa; g) any form of radiation except EMC (see 4.10.1.1.3); h) installation in potentially explosive atmosphere, extreme climate conditions, seismic conditions, transporting dangerous goods, etc.; i) ambient temperature in the well and machinery space(s) lower than +5 °C and higher than +40 °C; j) health and safety of animals. However, this document can usefully be taken as a basis. Noise and vibrations are not dealt with in this document as they are not considered a significant nor relevant hazard for the actual type of the service lift. Fire propagation is not dealt with in this document. 1.3 The well is regarded as accessible if the opening giving access have clear dimensions of at least 0,40 m x 0,50 m, and: a) the horizontal depth of the well is greater than 1 m, or b) the area of the well is greater than 1 m2, or c) the maintenance is intended to be carried out from the carrier roof or pit regardless the well dimensions. 1.4 The machinery space is regarded as accessible if: a) the door(s)/trapdoor(s) giving access have clear dimensions of at least 0,60 m x 0,60 m, and b) the height of the passageway is at least 1,80 m. NOTE A door about horizontal when closed is referred to as a trapdoor. 1.5 This document covers the safety requirements for service lifts with rated speeds up to 1 m/s. 1.6 This document is not applicable to service lifts which are installed before the date of its publication as EN.

Keel: en
Alusdokumendid: EN 81-30:2025
Asendab dokumenti: EVS-EN 81-3:2001+A1:2008
Asendab dokumenti: EVS-EN 81-3:2001+A1:2008/AC:2009

EVS-EN 81-42:2025

Liftide ehituse ja paigalduse ohutuseeskirjad. Inimeste ja kaupade eriliftid. Osa 42: Inimestele, sh puudega inimestele, kasutuseks ette nähtud suletud kandjaga vertikaalne tõsteseade
Safety rules for the construction and installation of lifts - Special lifts for the transport of persons and goods - Part 42: Vertical lifting appliances with enclosed carrier intended for use by persons, including persons with disability

1.1 This document specifies safety requirements for design, construction and manufacturing of permanently installed electrically powered vertical lifting appliances affixed to a building structure intended for use by persons, including persons with disability: - travelling vertically between predefined levels along a guided path whose inclination to the vertical does not exceed 15°; - supported or sustained by rack and pinion, rope traction drive, noncircular elastomeric-coated suspension means (hereafter called traction belts) traction drive, rope positive drive, chains, timing belts, screw and nut, guided chain or hydraulic jack (direct or

indirect); - with enclosed wells; - with a rated speed not greater than 0,15 m/s; - with the carrier completely enclosed; - with a temperature in the well and in the machinery spaces between +5 °C and +40 °C. 1.2 This document does not specify additional requirements for: - lightning protection; - operation subject to ATEX rules; - lifting appliances whose primary function is the transportation of goods; - earthquakes, flooding; - firefighting and evacuation; - noise and vibrations; - the transport of type-C wheelchairs as defined in EN 12183:2022 and/or EN 12184:2022; - vertically sliding doors. 1.3 Components incorporated in a lifting appliance installation are: a) designed in accordance with usual engineering practice and calculation codes, taking into account all failure modes; b) of sound mechanical and electrical construction; c) free of defects. 1.4 This document is not applicable to lifting appliances manufactured before the date of its publication.

Keel: en
Alusdokumendid: EN 81-42:2025

93 RAJATISED

EVS-EN 1793-1:2025

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 1: Intrinsic characteristics - Sound absorption under diffuse sound field conditions

This document specifies the laboratory method for measuring the sound absorption performance of road traffic noise reducing devices in reverberant conditions. It covers the assessment of the intrinsic sound absorption performance of devices that can reasonably be assembled inside the testing facility described in EN ISO 354. This method is not intended for the determination of the intrinsic characteristics of sound absorption of noise reducing devices to be installed on roads in non-reverberant conditions. The test method in EN ISO 354 referred to in this document excludes devices that act as weakly damped resonators. Some devices will depart significantly from these requirements and in these cases, care is needed in interpreting the results.

Keel: en
Alusdokumendid: EN 1793-1:2025
Asendab dokumenti: EVS-EN 1793-1:2017

EVS-EN 1793-2:2025

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 2: Intrinsic characteristics - Airborne sound insulation under diffuse sound field conditions

This document specifies the laboratory method for measuring the airborne sound insulation performance of road traffic noise reducing devices in reverberant conditions. It covers the assessment of the intrinsic performance of barriers that can reasonably be assembled inside the testing facility described in EN ISO 10140-2 and EN ISO 10140-4. This method is not intended for the determination of the intrinsic characteristics of airborne sound insulation of noise reducing devices to be installed on roads in non-reverberant conditions.

Keel: en
Alusdokumendid: EN 1793-2:2025
Asendab dokumenti: EVS-EN 1793-2:2018

EVS-EN 1793-3:2025

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 3: Normalized traffic noise spectrum

This document specifies a normalized traffic noise spectrum for the evaluation and assessment of the acoustic performance of devices designed to reduce traffic noise near roads.

Keel: en
Alusdokumendid: EN 1793-3:2025
Asendab dokumenti: EVS-EN 1793-3:1999

EVS-EN 1793-4:2025

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 4: Intrinsic characteristics - Intrinsic sound diffraction

This document specifies a test method for determining the intrinsic characteristics of sound diffraction of added devices installed on the top of road traffic noise reducing devices. The test method prescribes measurements of the sound pressure level at several reference points near the top edge of a road traffic noise reducing device with and without the added device installed on its top. The effectiveness of the added device is calculated as the difference between the measured values with and without the added devices, correcting for any change in height (the method specified gives the acoustic benefit over a simple barrier of the same height; however, in practice the added device can raise the height and this could provide additional screening depending on the source and receiver positions). This document is applicable to: — the preliminary qualification, outdoors or indoors, of added devices to be installed on road traffic noise reducing devices; — the determination of sound diffraction index difference of added devices in actual use; — the comparison of design specifications with actual performance data after the completion of the construction work; — the verification of the long-term performance of added devices (with a repeated application of the method); — the interactive design process of new products, including the formulation of installation manuals. The test method can be applied both in situ and on samples purposely built to be tested using the method described here. Results are expressed as a function of frequency, in one-third octave bands between 100 Hz and 5 kHz. If it is not possible to get valid measurements results over the whole frequency range indicated, the results are given in the restricted frequency range and the reasons of the restriction(s) are clearly reported. A single-number rating is calculated from frequency data. For indoor measurements, see Annex D.

Keel: en
Alusdokumendid: EN 1793-4:2025
Asendab dokumenti: EVS-EN 1793-4:2015

EVS-EN 1793-5:2025

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 5: Intrinsic characteristics - Sound absorption under direct sound field conditions

This document specifies a test method for measuring a quantity representative of the intrinsic characteristics of sound reflection from road noise reducing devices, the sound reflection index, and then calculate a single-number rating for sound absorption from it. This document is applicable to: — the determination of the intrinsic characteristics of sound absorption of noise reducing devices to be installed along roads, to be measured either on typical installations alongside roads or on a relevant test specimen section; — the determination of the intrinsic characteristics of sound absorption of road traffic noise reducing devices in actual use under direct sound field conditions; — the comparison of design specifications with actual performance data after the completion of the construction work; — the verification of the long-term performance of road traffic noise reducing devices (with a repeated application of the method). This document does not apply to: — the determination of the intrinsic characteristics of sound absorption of road traffic noise reducing devices to be installed in reverberant conditions, e.g. inside tunnels or deep trenches. Results for the sound reflection index are expressed as a function of frequency, in one-third octave bands between 200 Hz and 5 kHz, for qualification purposes. If it is not possible to get valid measurement results over the whole frequency range indicated, the results are given in a restricted frequency range, and the reasons for the restriction(s) are clearly reported. For indoor measurements, see Annex D.

Keel: en
Alusdokumendid: EN 1793-5:2025
Asendab dokumenti: EVS-EN 1793-5:2016
Asendab dokumenti: EVS-EN 1793-5:2016/AC:2018

EVS-EN 1793-6:2025

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 6: Intrinsic characteristics - Airborne sound insulation under direct sound field conditions

This document specifies a test method for measuring a quantity representative of the intrinsic characteristics of airborne sound insulation for road traffic noise reducing devices: the sound insulation index. This document is applicable to: — determination of the intrinsic characteristics of airborne sound insulation of noise reducing devices to be installed along roads, to be measured either on typical installations alongside roads or in laboratory conditions; — determination of the intrinsic characteristics of airborne sound insulation of road traffic noise reducing devices in actual use; — comparison of design specifications with actual performance data after the completion of the construction work; — verification of the long-term performance of road traffic noise reducing devices (with a repeated application of the method); — interactive design process of new products, including the formulation of installation manuals. This document does not apply to: — the determination of the intrinsic characteristics of airborne sound insulation of road traffic noise reducing devices to be installed in reverberant conditions, e.g. inside tunnels or deep trenches or under covers. Results for the sound insulation index are expressed as a function of frequency in one-third octave bands, between 200 Hz and 5 kHz for qualification purposes. If it is not possible to get valid measurement results over the whole frequency range indicated, the results are given in a restricted frequency range and the reasons for the restriction(s) are clearly reported. For indoor measurements, see Annex D.

Keel: en
Alusdokumendid: EN 1793-6:2025
Asendab dokumenti: EVS-EN 1793-6:2018+A1:2021

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 14215:2025

Textile floor coverings - Classification of rugs and runners

This document specifies the requirements for classification of woven, tufted, knitted, needled, flocked, bonded, hand-tufted rugs and runners into use classes with regard to one or more of the following properties: wear, appearance retention, additional performance properties and classes for luxury rating. This document is not applicable to hand-knotted rugs and runners, to barrier mats or to bathroom rugs. This document refers to the classification as defined in EN ISO 10874:2012.

Keel: en
Alusdokumendid: EN 14215:2025
Asendab dokumenti: EVS-EN 14215:2018

EVS-EN 16647-1:2025

Alkoholiga töötavad korstnata kaminad. Ohutusnõuded ja katsemeetodid. Osa 1: Koduseks kasutamiseks mõeldud käsitsi käitatavad dekoratiivkaminad
Alcohol powered flueless fireplaces - Safety requirements and test methods - Part 1: Manually operated decorative fireplaces for domestic use

This document is applicable only to decorative fireplaces that have been manufactured for domestic use, which produce a flame using liquid alcohol, hereafter referred to as fuel. NOTE 1 The requirements outlined in this document can also be applied for outside domestic settings. In that case, additional or different rules on the use of the fireplaces can apply. This document is applicable to free-standing, wall-mounted and built-in fireplaces. This document is applicable to decorative fireplaces that require manual user interaction for ignition, filling, re-filling or extinguishing the fireplace. NOTE 2 The fireplaces can contain some electric or electronic components. This document is applicable to fireplaces ready for use, whose fuel box is of one unit or is an integral

component of the fireplace but not to fireplaces with a fuel tank separate from the fireplace. This document does not apply to fireplaces specifically designed for heating food or keeping food warm (rechauds), nor does it apply to fireplaces for use in boats, caravans, other vehicles or outdoor areas. This document does not apply to fireplaces with a power output higher than 4,5 kW or with a defined heating function. NOTE 3 National regulations can restrict the power output to less than 4,5 kW.

Keel: en
Alusdokumendid: EN 16647-1:2025
Asendab dokumenti: EVS-EN 16647:2015

EVS-EN 17691-1:2025

Components for BAC control loops - Valve and actuator assemblies - Part 1: Water-based HVAC applications

This document specifies requirements and test methods of valve-actuator assemblies in individual zone control of water-based HVAC applications. This document does not apply to control valves of nominal diameter larger than DN50. This document is applicable to pressure independent and pressure dependent control valve-actuator assemblies of relevant categories: 2-port, 3-port and 6-port valves (if they incorporate a control valve function). Where a certain control loop as a combination of controller and valve-actuator assembly was assessed under EN 15500-1 [3], this document allows the assessment of the performance of combinations of that controller with different valve-actuator assemblies. The tests in this document ensure that valve/actuator assemblies, as components of control loops, can be replaced with products that provide comparable or better performance. In hydronic system, valve-actuator assembly is a component of control loop that controls water flow rate according to the application control demand.

Keel: en
Alusdokumendid: EN 17691-1:2025

EVS-EN 17826:2025

Lapsehooldustooted. Keemilised ohud. Nõuded
Child care articles - Chemical hazards - Requirements

This document specifies chemical product safety requirements and reference test methods for the following child care articles: — Safety barriers — Bedguards — Baby carriers and child carriers — Pushchairs and prams — Carry cots, baby nests and carry cot stands — Bath tubs and bathing aids — Reclined cradles and infant swings — Chair mounted seats — Table mounted chairs — Childs seats for bicycle — Baby bouncers — Children's harnesses and reins — Baby walking frames — Changing units See also Clause A.1.

Keel: en
Alusdokumendid: EN 17826:2025

EVS-EN 71-20:2025

Mänguasjade ohutus. Osa 20: Ligipääsetavaid veesisaldusega materjale sisaldavate mänguasjade mikrobioloogiline ohutus
Safety of toys - Part 20: Microbiological safety of toys containing accessible aqueous media

This document specifies microbiological cleanliness and preservative efficacy requirements for accessible aqueous media in toys. The requirements in this document apply to all toys that are, contain or are supplied with accessible aqueous materials (e.g. paste, putty, finger paint, liquid or gel). The cleanliness and preservation effectiveness requirements are applicable to a toy as it is initially received by the consumer, in an unopened and undamaged container. This document does not apply to a toy that has been used, has had its packaging opened or is otherwise compromised in a way that would introduce microbiological contamination. This document does not apply to toys and samples which are post-consumer use, since the microbiological limits are inappropriate given, there is no way to establish what conditions the toys have been subject to before testing. This document does not apply to: - materials that are inaccessible during normal use or after reasonably foreseeable abuse; - food; - cosmetics; - components of toys covered by EN 71-13 where; - the component is in scope of the Cosmetic Products Regulation (i.e. Regulation (EC) No 1223/2009 [13]; - the component comprises only recognized food flavours and food ingredients (see relevant legislation, for example Regulation (EC) No 178/2002 [16] ("general food law"), Regulation (EC) No 1334/2008 [15] (flavours), Regulation (EC) No 1333/2008 [14], Commission Regulation (EU) No 231/2012 [18] (food additives) and Regulation (EU) No 1169/2011 (food information to consumers)[17]); - experimental sets covered by EN 71-4. NOTE Play cosmetics, that are only for use on the toy (e.g. makeup products only for a doll), are not excluded.

Keel: en
Alusdokumendid: EN 71-20:2025

EVS-EN 71-5:2025

Mänguasjade ohutus. Osa 5: Keemilised mänguasjad (komplektid), välja arvatud katsekomplektid
Safety of toys - Part 5: Chemical toys (sets) other than experimental sets

This document specifies requirements and test methods for toy materials (substances and mixtures) used in chemical toys (sets) other than experimental sets. These substances and mixtures are: - those classified as dangerous by the EU legislation applying to dangerous substances and dangerous mixtures [5]; - substances and mixtures which in excessive amounts could harm the health of the children using them and which are not classified as dangerous by the above-mentioned legislation; and - any other chemical substance(s) and mixture(s) delivered with the chemical toy. NOTE The terms "substance" and "mixture" are defined in the REACH regulation No. (EC)1907/2006 and in the CLP regulation (EC) No. 1272/2008. Additionally, requirements are specified for markings, warnings, safety rules, contents list, instructions for use and first aid information. This document applies to: - plaster of Paris (gypsum) moulding sets; - oven-hardening plasticised PVC modelling clay sets; - polystyrene granules sets; - embedding

sets; - adhesives, paints, lacquers, varnishes, thinners and cleaning agents (solvents), supplied or recommended in model sets; - slime kits.

Keel: en
Alusdokumendid: EN 71-5:2025
Asendab dokumenti: EVS-EN 71-5:2016
Asendab dokumenti: EVS-EN 71-5:2016/AC:2020

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 15016-2:2023
Raudteealased rakendused. Tehnilised joonised. Osa 2: Osade loetelud
Railway applications - Technical documents - Part 2: Parts lists

Keel: en, et
Alusdokumendid: EN 15016-2:2023
Asendatud järgmise dokumendiga: EVS-EN 15016-2:2023+A1:2025
Standardi staatus: Kehtetu

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

EVS-EN 17463:2021
Valuation of Energy Related Investments (VALERI)

Keel: en
Alusdokumendid: EN 17463:2021
Asendatud järgmise dokumendiga: EVS-EN 17463:2021+A1:2025
Standardi staatus: Kehtetu

EVS-EN ISO/IEC 27019:2020
Information technology - Security techniques - Information security controls for the energy utility industry (ISO/IEC 27019:2017, Corrected version 2019-08)

Keel: en
Alusdokumendid: ISO/IEC 27019:2017; EN ISO/IEC 27019:2020
Asendatud järgmise dokumendiga: EVS-EN ISO/IEC 27019:2025
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN ISO 1135-4:2015
Meditsiinilised transfusiooniseadmed. Osa 4: Ühekordsed isevoolulised transfusioonikomplektid
Transfusion equipment for medical use - Part 4: Transfusion sets for single use, gravity feed (ISO 1135-4:2015)

Keel: en
Alusdokumendid: EN ISO 1135-4:2015; ISO 1135-4:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 1135-4:2025
Standardi staatus: Kehtetu

EVS-EN ISO 1135-5:2015
Meditsiinilised transfusiooniseadmed. Osa 5: Rõhkinfusiooniseadme ühekordse kasutusega transfusioonikomplektid
Transfusion equipment for medical use - Part 5: Transfusion sets for single use with pressure infusion apparatus (ISO 1135-5:2015)

Keel: en
Alusdokumendid: EN ISO 1135-5:2015; ISO 1135-5:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 1135-5:2025
Standardi staatus: Kehtetu

EVS-EN ISO 17510:2020
Medical devices - Sleep apnoea breathing therapy - Masks and application accessories (ISO 17510:2015)

Keel: en
Alusdokumendid: ISO 17510:2015; EN ISO 17510:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 17510:2025
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TS 15937:2013
Sludge, treated biowaste and soil - Determination of specific electrical conductivity

Keel: en
Alusdokumendid: CEN/TS 15937:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 11265:2025
Standardi staatus: Kehtetu

EVS-EN 15309:2007
Characterization of waste and soil - Determination of elemental composition by X-ray fluorescence

Keel: en
Alusdokumendid: EN 15309:2007
Asendatud järgmise dokumendiga: EVS-EN ISO 18227:2025
Standardi staatus: Kehtetu

EVS-EN 16683:2015
Raudteealased rakendused. Nõuded abi kutsumise ja suhtlemise seadmele
Railway applications - Call for aid and communication device - Requirements

Keel: en
Alusdokumendid: EN 16683:2015
Asendatud järgmise dokumendiga: EVS-EN 16683:2025
Standardi staatus: Kehtetu

EVS-EN 458:2016
Kuulmiskaitsevahendid. Soovitused valimiseks, kasutamiseks, korrashoiuks ja hooldeseks. Juhend
Hearing protectors - Recommendations for selection, use, care and maintenance - Guidance document

Keel: en
Alusdokumendid: EN 458:2016
Asendatud järgmise dokumendiga: EVS-EN 458:2025
Standardi staatus: Kehtetu

EVS-EN ISO 18589-7:2016
Measurement of radioactivity in the environment - Soil - Part 7: In situ measurement of gamma-emitting radionuclides (ISO 18589-7:2013)

Keel: en
Alusdokumendid: ISO 18589-7:2013; EN ISO 18589-7:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 18589-7:2025
Standardi staatus: Kehtetu

EVS-EN ISO 19085-15:2021
Puidutöötlemismasinad. Ohutus. Osa 15: Pressid
Woodworking machines - Safety - Part 15: Presses (ISO 19085-15:2021)

Keel: en
Alusdokumendid: ISO 19085-15:2021; EN ISO 19085-15:2021
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-15:2025
Standardi staatus: Kehtetu

EVS-EN ISO 9241-15:2000
Kuvaritega kontoritöö ergonoomianõuded. Osa 15: Käsudialoogid
Ergonomic requirements for office work with visual display terminals (VDTs) - Part 15: Command dialogues

Keel: en
Alusdokumendid: ISO 9241-15:1997; EN ISO 9241-15:1997
Standardi staatus: Kehtetu

EVS-EN ISO 9241-16:2000
Ergonomic requirements for office work with visual display terminals (VDTs) - Part 16: Direct manipulation dialogues

Keel: en

Alusdokumendid: ISO 9241-16:1999; EN ISO 9241-16:1999
Standardi staatus: Kehtetu

EVS-EN ISO 9241-161:2016

Ergonomics of human-system interaction - Part 161: Guidance on visual user-interface elements (ISO 9241-161:2016)

Keel: en
Alusdokumendid: ISO 9241-161:2016; EN ISO 9241-161:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 9241-161:2025
Standardi staatus: Kehtetu

EVS-EN ISO 9241-171:2008

Ergonomics of human-system interaction - Part 171: Guidance on software accessibility

Keel: en
Alusdokumendid: ISO 9241-171:2008; EN ISO 9241-171:2008
Asendatud järgmise dokumendiga: EVS-EN ISO 9241-171:2025
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 1793-1:2017

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 1: Intrinsic characteristics of sound absorption under diffuse sound field conditions

Keel: en
Alusdokumendid: EN 1793-1:2017
Asendatud järgmise dokumendiga: EVS-EN 1793-1:2025
Standardi staatus: Kehtetu

EVS-EN 1793-2:2018

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 2: Intrinsic characteristics of airborne sound insulation under diffuse sound field conditions

Keel: en
Alusdokumendid: EN 1793-2:2018
Asendatud järgmise dokumendiga: EVS-EN 1793-2:2025
Standardi staatus: Kehtetu

EVS-EN 1793-3:1999

Maanteeliiklusmüra alandamise meetmed. Katsemeetod akustilise toimevõime määramiseks. Osa 3: Liiklusmüra normeeritud spekter
Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 3: Normalized traffic noise spectrum

Keel: en
Alusdokumendid: EN 1793-3:1997
Asendatud järgmise dokumendiga: EVS-EN 1793-3:2025
Standardi staatus: Kehtetu

EVS-EN 1793-4:2015

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 4: Intrinsic characteristics - In situ values of sound diffraction

Keel: en
Alusdokumendid: EN 1793-4:2015
Asendatud järgmise dokumendiga: EVS-EN 1793-4:2025
Standardi staatus: Kehtetu

EVS-EN 1793-5:2016

Road Traffic Noise reducing devices - Test method for determining the acoustic performance - Part 5: Intrinsic characteristics - In situ values of sound reflection under direct sound field conditions

Keel: en
Alusdokumendid: EN 1793-5:2016; EN 1793-5:2016/AC:2018
Asendatud järgmise dokumendiga: EVS-EN 1793-5:2025
Parandatud järgmise dokumendiga: EVS-EN 1793-5:2016/AC:2018
Standardi staatus: Kehtetu

EVS-EN 1793-5:2016/AC:2018

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 5: Intrinsic characteristics - In situ values of sound reflection under direct sound field conditions

Keel: en
Alusdokumendid: EN 1793-5:2016/AC:2018
Asendatud järgmise dokumendiga: EVS-EN 1793-5:2025
Konsolideeritud järgmise dokumendiga: EVS-EN 1793-5:2016
Standardi staatus: Kehtetu

EVS-EN 1793-6:2018+A1:2021

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 6: Intrinsic characteristics - In situ values of airborne sound insulation under direct sound field conditions

Keel: en
Alusdokumendid: EN 1793-6:2018+A1:2021
Asendatud järgmise dokumendiga: EVS-EN 1793-6:2025
Standardi staatus: Kehtetu

EVS-EN ISO 11929-1:2021

Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation - Fundamentals and application - Part 1: Elementary applications (ISO 11929-1:2019)

Keel: en
Alusdokumendid: ISO 11929-1:2019; EN ISO 11929-1:2021
Asendatud järgmise dokumendiga: EVS-EN ISO 11929-1:2025
Standardi staatus: Kehtetu

EVS-EN ISO 11929-2:2021

Determination of the characteristics limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation - Fundamentals and application - Part 2: Advanced applications (ISO 11929-2:2019)

Keel: en
Alusdokumendid: ISO 11929-2:2019; EN ISO 11929-2:2021
Asendatud järgmise dokumendiga: EVS-EN ISO 11929-2:2025
Standardi staatus: Kehtetu

EVS-EN ISO 11929-3:2021

Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation - Fundamentals and application - Part 3: Applications to unfolding methods (ISO 11929-3:2019)

Keel: en
Alusdokumendid: ISO 11929-3:2019; EN ISO 11929-3:2021
Asendatud järgmise dokumendiga: EVS-EN ISO 11929-3:2025
Standardi staatus: Kehtetu

EVS-EN ISO 18589-7:2016

Measurement of radioactivity in the environment - Soil - Part 7: In situ measurement of gamma-emitting radionuclides (ISO 18589-7:2013)

Keel: en
Alusdokumendid: ISO 18589-7:2013; EN ISO 18589-7:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 18589-7:2025
Standardi staatus: Kehtetu

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN 12080:2017+A1:2022

Raudteealased rakendused. Teljepuksid. Veerelaagrid
Railway applications - Axleboxes - Rolling bearings

Keel: en
Alusdokumendid: EN 12080:2017+A1:2022
Asendatud järgmise dokumendiga: EVS-EN 12080:2025
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 10242:1999
Tempermalmist keermestatud torustikuliitmikud
Threaded pipe fitting in malleable cast iron

Keel: en
Alusdokumendid: EN 10242:1994+A1:1999
Asendatud järgmise dokumendiga: EVS-EN 10242:2025
Muudetud järgmise dokumendiga: EVS-EN 10242:1999/A2:2003
Standardi staatus: Kehtetu

EVS-EN 10242:1999/A2:2003
Threaded pipe fittings in malleable cast iron
Threaded pipe fitting in malleable cast iron

Keel: en
Alusdokumendid: EN 10242:1994/A2:2003
Asendatud järgmise dokumendiga: EVS-EN 10242:2025
Standardi staatus: Kehtetu

EVS-EN 10253-2:2021
Põkk-keevitusega toruliitmikud. Osa 2: Erijärelevalvenõuetega legeerimata ja ferriitsed legeerterased
Butt-welding pipe fittings - Part 2: Non alloy and ferritic alloy steels with specific inspection requirements

Keel: en, et
Alusdokumendid: EN 10253-2:2021
Asendatud järgmise dokumendiga: EVS-EN 10253-2:2021+A1:2025
Standardi staatus: Kehtetu

EVS-EN 10284:2000
Malleable cast iron fittings with compression ends for polyethylen (PE) piping systems

Keel: en
Alusdokumendid: EN 10284:2000
Asendatud järgmise dokumendiga: EVS-EN 10284:2025
Standardi staatus: Kehtetu

EVS-EN 12186:2014
Gas infrastructure - Gas pressure regulating stations for transmission and distribution - Functional requirements

Keel: en
Alusdokumendid: EN 12186:2014
Asendatud järgmise dokumendiga: EVS-EN 12186:2025
Standardi staatus: Kehtetu

EVS-EN 13385:2002
Transportable gaz cylinders - Battery vehicles for permanent and liquefied gases (excluding acetylene) - Inspection at time of filling

Keel: en
Alusdokumendid: EN 13385:2002
Asendatud järgmise dokumendiga: EVS-EN 13385:2025
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12186:2014
Gas infrastructure - Gas pressure regulating stations for transmission and distribution - Functional requirements

Keel: en
Alusdokumendid: EN 12186:2014
Asendatud järgmise dokumendiga: EVS-EN 12186:2025
Standardi staatus: Kehtetu

EVS-EN 17463:2021
Valuation of Energy Related Investments (VALERI)

Keel: en
Alusdokumendid: EN 17463:2021
Asendatud järgmise dokumendiga: EVS-EN 17463:2021+A1:2025
Standardi staatus: Kehtetu

EVS-EN 378-4:2016+A1:2019
Külmutussüsteemid ja soojuspumbad. Ohutus- ja keskkonnanõuded. Osa 4: Talitlus, korrashoid, remont ja utiliseerimine
Refrigerating systems and heat pumps - Safety and environmental requirements - Part 4: Operation, maintenance, repair and recovery

Keel: en, et
Alusdokumendid: EN 378-4:2016+A1:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 5149-4:2025
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 10342:2005
Magnetic materials - Classification of surface insulations of electrical steel sheet, strip and laminations

Keel: en
Alusdokumendid: EN 10342:2005
Asendatud järgmise dokumendiga: EVS-EN 10342:2025
Standardi staatus: Kehtetu

EVS-EN 50317:2012
Raudteealased rakendused. Vooluvõtusüsteemid. Pantograafi ja liinivahelise dünaamilise vastasmõju mõõtmiste esitatavad nõuded ja hindamine
Railway applications - Current collection systems - Requirements for and validation of measurements of the dynamic interaction between pantograph and overhead contact line

Keel: en
Alusdokumendid: EN 50317:2012
Asendatud järgmise dokumendiga: EVS-EN 50317:2025
Konsolideeritud järgmise dokumendiga: EVS-EN 50317:2012+A1:2022
Muudetud järgmise dokumendiga: EVS-EN 50317:2012/A1:2022
Standardi staatus: Kehtetu

EVS-EN 50317:2012/A1:2022
Raudteealased rakendused. Vooluvõtusüsteemid. Pantograafi ja liinivahelise dünaamilise vastasmõju mõõtmiste esitatavad nõuded ja hindamine
Railway applications - Current collection systems - Requirements for and validation of measurements of the dynamic interaction between pantograph and overhead contact line

Keel: en
Alusdokumendid: EN 50317:2012/A1:2022
Asendatud järgmise dokumendiga: EVS-EN 50317:2025
Konsolideeritud järgmise dokumendiga: EVS-EN 50317:2012+A1:2022
Standardi staatus: Kehtetu

EVS-EN 50317:2012+A1:2022
Raudteealased rakendused. Vooluvõtusüsteemid. Pantograafi ja liinivahelise dünaamilise vastasmõju mõõtmiste esitatavad nõuded ja hindamine
Railway applications - Current collection systems - Requirements for and validation of measurements of the dynamic interaction between pantograph and overhead contact line

Keel: en
Alusdokumendid: EN 50317:2012; EN 50317:2012/A1:2022
Asendatud järgmise dokumendiga: EVS-EN 50317:2025
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 13757-4:2019
Communication systems for meters - Part 4: Wireless M-Bus communication

Keel: en
Alusdokumendid: EN 13757-4:2019
Asendatud järgmise dokumendiga: EVS-EN 13757-4:2025
Standardi staatus: Kehtetu

EVS-EN 60153-2:2016
Hollow metallic waveguides - Part 2: Relevant specifications for ordinary rectangular waveguides

Keel: en
Alusdokumendid: IEC 60153-2:2016; EN 60153-2:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 60153-2:2025
Parandatud järgmise dokumendiga: EVS-EN 60153-2:2016/AC:2017
Standardi staatus: Kehtetu

EVS-EN 60153-2:2016/AC:2017
Hollow metallic waveguides - Part 2: Relevant specifications for ordinary rectangular waveguides

Keel: en
Alusdokumendid: EN 60153-2:2016/AC:2017-02
Asendatud järgmise dokumendiga: EVS-EN IEC 60153-2:2025
Standardi staatus: Kehtetu

EVS-EN 60794-1-21:2015
Optical fibre cables - Part 1-21: Generic specification - Basic optical cable test procedures - Mechanical tests methods

Keel: en
Alusdokumendid: IEC 60794-1-21:2015; EN 60794-1-21:2015
Muudetud järgmise dokumendiga: EVS-EN 60794-1-21:2015/A1:2020
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-101:2024
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-104:2024
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-107:2025
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-110:2025
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-111:2023
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-129:2025
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-133:2025
Standardi staatus: Kehtetu

EVS-EN 60794-1-21:2015/A1:2020
Optical fibre cables - Part 1-21: Generic specification - Basic optical cable test procedures - Mechanical tests methods

Keel: en
Alusdokumendid: IEC 60794-1-21:2015/A1:2020; EN 60794-1-21:2015/A1:2020
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-101:2024
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-104:2024
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-107:2025
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-110:2025
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-111:2023
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-129:2025
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-133:2025
Standardi staatus: Kehtetu

EVS-EN IEC 60966-2-8:2022
Radio frequency and coaxial cable assemblies - Part 2-8: Detail specification for cable assemblies for radio and TV receivers - Frequency range up to 3 000 MHz, Screening class A++, IEC 61169-47 connectors

Keel: en
Alusdokumendid: IEC 60966-2-8:2022; EN IEC 60966-2-8:2022
Asendatud järgmise dokumendiga: EVS-EN IEC 60966-2-8:2025
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CEN/TR 16931-9:2024
Electronic invoicing - Part 9: VAT reporting and gap analysis with current e-invoicing standardization deliverables

Keel: en
Alusdokumendid: CEN/TR 16931-9:2024
Asendatud järgmise dokumendiga: CEN/TR 16931-9:2025
Standardi staatus: Kehtetu

EVS-EN 13757-4:2019
Communication systems for meters - Part 4: Wireless M-Bus communication

Keel: en
Alusdokumendid: EN 13757-4:2019
Asendatud järgmise dokumendiga: EVS-EN 13757-4:2025
Standardi staatus: Kehtetu

EVS-EN ISO 9241-15:2000
Kuvaritega kontoritöö ergonoomianõuded. Osa 15: Käsudialoogid
Ergonomic requirements for office work with visual display terminals (VDTs) - Part 15: Command dialogues

Keel: en
Alusdokumendid: ISO 9241-15:1997; EN ISO 9241-15:1997
Standardi staatus: Kehtetu

EVS-EN ISO 9241-16:2000
Ergonomic requirements for office work with visual display terminals (VDTs) - Part 16: Direct manipulation dialogues

Keel: en
Alusdokumendid: ISO 9241-16:1999; EN ISO 9241-16:1999
Standardi staatus: Kehtetu

EVS-EN ISO 9241-161:2016
Ergonomics of human-system interaction - Part 161: Guidance on visual user-interface elements (ISO 9241-161:2016)

Keel: en
Alusdokumendid: ISO 9241-161:2016; EN ISO 9241-161:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 9241-161:2025
Standardi staatus: Kehtetu

43 MAANTEESÕIDUKITE EHITUS

EVS-EN 1645-1:2018
Leisure accommodation vehicles - Caravans - Part 1: Habitation requirements relating to health and safety

Keel: en
Alusdokumendid: EN 1645-1:2018
Asendatud järgmise dokumendiga: EVS-EN 1645-1:2025
Standardi staatus: Kehtetu

EVS-EN 1646-1:2018
Leisure accommodation vehicles - Motor caravans - Part 1: Habitation requirements relating to health and safety

Keel: en
Alusdokumendid: EN 1646-1:2018
Asendatud järgmise dokumendiga: EVS-EN 1646-1:2025
Standardi staatus: Kehtetu

EVS-EN ISO 18243:2019
Electrically propelled mopeds and motorcycles - Test specifications and safety requirements for lithium-ion battery systems (ISO 18243:2017)

Keel: en
Alusdokumendid: ISO 18243:2017; EN ISO 18243:2019

Asendatud järgmise dokumendiga: EVS-EN ISO 18243:2025
Muudetud järgmise dokumendiga: EVS-EN ISO 18243:2019/A1:2020
Standardi staatus: Kehtetu

EVS-EN ISO 18243:2019/A1:2020

Electrically propelled mopeds and motorcycles - Test specifications and safety requirements for lithium-ion battery systems - Amendment 1 (ISO 18243:2017/Amd 1:2020)

Keel: en
Alusdokumendid: ISO 18243:2017/Amd 1:2020; EN ISO 18243:2019/A1:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 18243:2025
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 12080:2017+A1:2022

Raudteealased rakendused. Teljepuksid. Veerelaagrid
Railway applications - Axleboxes - Rolling bearings

Keel: en
Alusdokumendid: EN 12080:2017+A1:2022
Asendatud järgmise dokumendiga: EVS-EN 12080:2025
Standardi staatus: Kehtetu

EVS-EN 12082:2017+A1:2021

Raudteealased rakendused. Teljepuksid. Tööomaduste katsetamine
Railway applications - Axleboxes - Performance testing

Keel: en
Alusdokumendid: EN 12082:2017+A1:2021
Asendatud järgmise dokumendiga: EVS-EN 12082-1:2025
Asendatud järgmise dokumendiga: EVS-EN 12082-2:2025
Standardi staatus: Kehtetu

EVS-EN 15016-2:2023

Raudteealased rakendused. Tehnilised joonised. Osa 2: Osade loetelud
Railway applications - Technical documents - Part 2: Parts lists

Keel: en, et
Alusdokumendid: EN 15016-2:2023
Asendatud järgmise dokumendiga: EVS-EN 15016-2:2023+A1:2025
Standardi staatus: Kehtetu

EVS-EN 15827:2011

Raudteealased rakendused. Nõuded pöördvankrile ja veermikule
Railway applications - Requirements for bogies and running gear

Keel: en
Alusdokumendid: EN 15827:2011
Asendatud järgmise dokumendiga: EVS-EN 15827:2025
Standardi staatus: Kehtetu

EVS-EN 16683:2015

Raudteealased rakendused. Nõuded abi kutsumise ja suhtlemise seadmele
Railway applications - Call for aid and communication device - Requirements

Keel: en
Alusdokumendid: EN 16683:2015
Asendatud järgmise dokumendiga: EVS-EN 16683:2025
Standardi staatus: Kehtetu

EVS-EN 50317:2012

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

Keel: en
Alusdokumendid: EN 50317:2012
Asendatud järgmise dokumendiga: EVS-EN 50317:2025
Konsolideeritud järgmise dokumendiga: EVS-EN 50317:2012+A1:2022

Muudetud järgmise dokumendiga: EVS-EN 50317:2012/A1:2022
Standardi staatus: Kehtetu

EVS-EN 50317:2012/A1:2022

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

Keel: en
Alusdokumendid: EN 50317:2012/A1:2022
Asendatud järgmise dokumendiga: EVS-EN 50317:2025
Konsolideeritud järgmise dokumendiga: EVS-EN 50317:2012+A1:2022
Standardi staatus: Kehtetu

EVS-EN 50317:2012+A1:2022

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

Keel: en
Alusdokumendid: EN 50317:2012; EN 50317:2012/A1:2022
Asendatud järgmise dokumendiga: EVS-EN 50317:2025
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 3014:2015

Aerospace series - Shank nuts, self-locking, serrated, in heat resisting steel FE-PA2601 (A286) - Classification: 1 100 MPa (at ambient temperature) / 650 °C

Keel: en
Alusdokumendid: EN 3014:2015
Asendatud järgmise dokumendiga: EVS-EN 3014:2025
Standardi staatus: Kehtetu

EVS-EN 3043:2008

Aerospace series - Fasteners, externally threaded, in heat resisting steel FE PA92HT (A286) - Classification: 900 MPa/650 °C, manufacturing method optional - Technical specification

Keel: en
Alusdokumendid: EN 3043:2008
Asendatud järgmise dokumendiga: EVS-EN 3043:2025
Standardi staatus: Kehtetu

EVS-EN 3049:2000

Lennunduse ja kosmonautika seeria. Madala survekahanemisega fluorosüsivesinikkummist (FKM) tehtud O-rõngad. Kõvadus 80 IRHD
Aerospace series - O-rings, in fluorocarbon rubber (FKM), low compression set - Hardness 80 IRHD

Keel: en
Alusdokumendid: EN 3049:1998
Asendatud järgmise dokumendiga: EVS-EN 3049:2025
Standardi staatus: Kehtetu

EVS-EN 3050:2000

Lennunduse ja kosmonautika seeria. Madala survekahanemisega fluorosüsivesinikkummist (FKM) tehtud O-rõngad. Tehnilised nõuded
Aerospace series - O-rings, in fluorocarbon rubber (FKM), low compression set - Technical specification

Keel: en
Alusdokumendid: EN 3050:1998
Asendatud järgmise dokumendiga: EVS-EN 3050:2025
Standardi staatus: Kehtetu

EVS-EN 3475-408:2005

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 408: Fire resistance

Keel: en
Alusdokumendid: EN 3475-408:2005
Asendatud järgmise dokumendiga: EVS-EN 3475-408:2025
Standardi staatus: Kehtetu

EVS-EN 3475-807:2002

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 807: Transfer impedance

Keel: en
Alusdokumendid: EN 3475-807:2002
Asendatud järgmise dokumendiga: EVS-EN 3475-807:2025
Standardi staatus: Kehtetu

EVS-EN 3475-810:2009

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 810: Structural return loss

Keel: en
Alusdokumendid: EN 3475-810:2009
Asendatud järgmise dokumendiga: EVS-EN 3475-810:2025
Standardi staatus: Kehtetu

EVS-EN 3745-510:2017

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 510: Bending test

Keel: en
Alusdokumendid: EN 3745-510:2017
Asendatud järgmise dokumendiga: EVS-EN 3745-510:2025
Standardi staatus: Kehtetu

EVS-EN 4314:2007

Aerospace series - Heat resisting alloy FE-PA2602 (X4NiCrTiMoV26-15) - Non heat treated, forging stock a or D ≤ 250 mm

Keel: en
Alusdokumendid: EN 4314:2007
Asendatud järgmise dokumendiga: EVS-EN 4314:2025
Standardi staatus: Kehtetu

EVS-EN 4315:2007

Aerospace series - Heat resisting alloy FE-PA2601 (X6NiCrTiMoV26-15) - Solution treated and precipitation treated, bar and section a or D ≤ 100 mm, Rm ≥ 900 Mpa

Keel: en
Alusdokumendid: EN 4315:2007
Asendatud järgmise dokumendiga: EVS-EN 4315:2025
Standardi staatus: Kehtetu

EVS-EN 4317:2007

Aerospace series - Heat resisting alloy FE-PA2601 (X6NiCrTiMoV26-15) - Non heat treated, forging stock a or D ≤ 200 mm

Keel: en
Alusdokumendid: EN 4317:2007
Asendatud järgmise dokumendiga: EVS-EN 4317:2025
Standardi staatus: Kehtetu

EVS-EN 4318:2007

Aerospace series - Heat resisting alloy FE-PA2601 (X6NiCrTiMoV26-15) - Solution treated and precipitation treated, bar and section De ≤ 100 mm, Rm ≥ 960 Mpa

Keel: en
Alusdokumendid: EN 4318:2007
Asendatud järgmise dokumendiga: EVS-EN 4318:2025
Standardi staatus: Kehtetu

EVS-EN 4700-001:2010
Aerospace series - Steel and heat resisting alloys - Wrought products - Technical specification - Part 001: Plate, sheet and strip

Keel: en
Alusdokumendid: EN 4700-001:2010
Asendatud järgmise dokumendiga: EVS-EN 4700-001:2025
Standardi staatus: Kehtetu

EVS-EN 4700-002:2021
Aerospace series - Steel and heat resisting alloys - Wrought products - Technical specification - Part 002: Bars and sections

Keel: en
Alusdokumendid: EN 4700-002:2021
Asendatud järgmise dokumendiga: EVS-EN 4700-002:2025
Standardi staatus: Kehtetu

EVS-EN 4700-003:2010
Aerospace series - Steel and heat resisting alloys - Wrought products - Technical specification - Part 003: Tube

Keel: en
Alusdokumendid: EN 4700-003:2010
Asendatud järgmise dokumendiga: EVS-EN 4700-003:2025
Standardi staatus: Kehtetu

EVS-EN 4700-004:2010
Aerospace series - Steel and heat resisting alloys - Wrought products - Technical specification - Part 004: Wire

Keel: en
Alusdokumendid: EN 4700-004:2010
Asendatud järgmise dokumendiga: EVS-EN 4700-004:2025
Standardi staatus: Kehtetu

EVS-EN 4700-005:2010
Aerospace series - Steel and heat resisting alloys - Wrought products - Technical specification - Part 005: Forging stock

Keel: en
Alusdokumendid: EN 4700-005:2010
Asendatud järgmise dokumendiga: EVS-EN 4700-005:2025
Standardi staatus: Kehtetu

EVS-EN 4700-006:2010
Aerospace series - Steel and heat resisting alloys - Wrought products - Technical specification - Part 006: Pre- production and production forgings

Keel: en
Alusdokumendid: EN 4700-006:2010
Asendatud järgmise dokumendiga: EVS-EN 4700-006:2025
Standardi staatus: Kehtetu

EVS-EN 4700-007:2010
Aerospace series - Steel and heat resisting alloys - Wrought products - Technical specification - Part 007: Remelting stock

Keel: en
Alusdokumendid: EN 4700-007:2010
Asendatud järgmise dokumendiga: EVS-EN 4700-007:2025
Standardi staatus: Kehtetu

EVS-EN 4855-02:2020
Aerospace series - ECO efficiency of catering equipment - Part 02: Oven equipment

Keel: en
Alusdokumendid: EN 4855-02:2020
Asendatud järgmise dokumendiga: EVS-EN 4855-02:2025
Standardi staatus: Kehtetu

EVS-EN 6059-302:2017
Aerospace series - Electrical cables, installation - Protection sleeves - Test methods - Part 302: High temperature exposure

Keel: en
Alusdokumendid: EN 6059-302:2017
Asendatud järgmise dokumendiga: EVS-EN 6059-302:2025
Standardi staatus: Kehtetu

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN 13001-3-5:2016+A1:2021
Kraanad. Üldine ehitus. Osa 3-5: Sepistatud konksude piirseisundid ja kõlblikkuse tõendamine
Cranes - General design - Part 3-5: Limit states and proof of competence of forged and cast hooks

Keel: en
Alusdokumendid: EN 13001-3-5:2016+A1:2021
Asendatud järgmise dokumendiga: EVS-EN 13001-3-5:2025
Standardi staatus: Kehtetu

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 415-4:1999
Pakkemasinate ohutus. Osa 4: Kaubaaluste pakkimis- ja lahtipakkimismasinad
Safety of packaging machines - Part 4: Palletisers and depalletisers

Keel: en
Alusdokumendid: EN 415-4:1997+AC:2002
Asendatud järgmise dokumendiga: EVS-EN 415-4:2025
Parandatud järgmise dokumendiga: EVS-EN 415-4:1999/AC:2013
Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 11642:2012
Leather - Tests for colour fastness - Colour fastness to water (ISO 11642:2012)

Keel: en
Alusdokumendid: ISO 11642:2012; EN ISO 11642:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 11642:2025
Standardi staatus: Kehtetu

EVS-EN ISO 17232:2017
Leather - Physical and mechanical tests - Determination of heat resistance of patent leather (ISO 17232:2017)

Keel: en
Alusdokumendid: ISO 17232:2017; EN ISO 17232:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 17232:2025
Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 4855-02:2020
Aerospace series - ECO efficiency of catering equipment - Part 02: Oven equipment

Keel: en
Alusdokumendid: EN 4855-02:2020
Asendatud järgmise dokumendiga: EVS-EN 4855-02:2025
Standardi staatus: Kehtetu

71 KEEMILINE TEHNOLOOGIA

EVS-EN 15154-1:2006
Emergency safety showers - Part 1: Plumbed-in body showers for laboratories

Keel: en
Alusdokumendid: EN 15154-1:2006
Asendatud järgmise dokumendiga: EVS-EN 15154-1:2025

Standardi staatus: Kehtetu

EVS-EN 15154-2:2006
Emergency safety showers - Part 2: Plumbed-in eye wash units

Keel: en
Alusdokumendid: EN 15154-2:2006
Asendatud järgmise dokumendiga: EVS-EN 15154-2:2025
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 12081:2017
Raudteealased rakendused. Teljepuksid. Määrdeained
Railway applications - Axleboxes - Lubricating greases

Keel: en
Alusdokumendid: EN 12081:2017
Asendatud järgmise dokumendiga: EVS-EN 12081:2025
Standardi staatus: Kehtetu

EVS-EN 12186:2014
Gas infrastructure - Gas pressure regulating stations for transmission and distribution - Functional requirements

Keel: en
Alusdokumendid: EN 12186:2014
Asendatud järgmise dokumendiga: EVS-EN 12186:2025
Standardi staatus: Kehtetu

EVS-EN 14078:2014
Liquid petroleum products - Determination of fatty acid methyl ester (FAME) content in middle distillates - Infrared spectrometry method

Keel: en
Alusdokumendid: EN 14078:2014
Asendatud järgmise dokumendiga: EVS-EN 14078:2025
Standardi staatus: Kehtetu

EVS-EN 1776:2015
Gas infrastructure - Gas measuring systems - Functional requirements

Keel: en
Alusdokumendid: EN 1776:2015
Asendatud järgmise dokumendiga: EVS-EN 1776:2025
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 10253-2:2021
Põkk-keevitusega toruliitmikud. Osa 2: Erijärelevalvenõuetega legeerimata ja ferriitsed legeerterased
Butt-welding pipe fittings - Part 2: Non alloy and ferritic alloy steels with specific inspection requirements

Keel: en, et
Alusdokumendid: EN 10253-2:2021
Asendatud järgmise dokumendiga: EVS-EN 10253-2:2021+A1:2025
Standardi staatus: Kehtetu

EVS-EN 10275:1999
Metallmaterjalid. Toru hüdraulilise ringsurve teim
Metallic materials - Tube ring hydraulic pressure test

Keel: en
Alusdokumendid: EN 10275:1999
Asendatud järgmise dokumendiga: EVS-EN ISO 15363:2025
Standardi staatus: Kehtetu

EVS-EN 10342:2005
Magnetic materials - Classification of surface insulations of electrical steel sheet, strip and laminations

Keel: en
Alusdokumendid: EN 10342:2005
Asendatud järgmise dokumendiga: EVS-EN 10342:2025
Standardi staatus: Kehtetu

EVS-EN 4700-004:2010
Aerospace series - Steel and heat resisting alloys - Wrought products - Technical specification - Part 004: Wire

Keel: en
Alusdokumendid: EN 4700-004:2010
Asendatud järgmise dokumendiga: EVS-EN 4700-004:2025
Standardi staatus: Kehtetu

EVS-EN ISO 26203-1:2018
Metallic materials - Tensile testing at high strain rates - Part 1: Elastic-bar-type systems (ISO 26203-1:2018)

Keel: en
Alusdokumendid: ISO 26203-1:2018; EN ISO 26203-1:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 26203-1:2025
Standardi staatus: Kehtetu

79 PUIDUTEHNOLOOGIA

EVS-EN ISO 19085-15:2021
Puidutöötlemismasinad. Ohutus. Osa 15: Pressid
Woodworking machines - Safety - Part 15: Presses (ISO 19085-15:2021)

Keel: en
Alusdokumendid: ISO 19085-15:2021; EN ISO 19085-15:2021
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-15:2025
Standardi staatus: Kehtetu

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN 15365:2010
Advanced technical ceramics - Mechanical properties of ceramic fibres at high temperature in a non-reactive environment - Determination of creep behaviour by the cold end method

Keel: en
Alusdokumendid: EN 15365:2010
Asendatud järgmise dokumendiga: EVS-EN 15365:2025
Standardi staatus: Kehtetu

EVS-EN 993-15:2005
Tihedate tulekindlate profiiltoodete katsemeetodid. Osa 15: Soojajuhtivuse määramine kuuma traadi meetodil (paralleelmeetodil)
Methods of test for dense shaped refractory products - Determination of thermal conductivity by the hot-wire (parallel) method

Keel: en
Alusdokumendid: EN 993-15:2005
Asendatud järgmise dokumendiga: EVS-EN ISO 8894-2:2025
Standardi staatus: Kehtetu

EVS-EN 993-5:2018
Methods of test for dense shaped refractory products - Part 5: Determination of cold crushing strength

Keel: en
Alusdokumendid: EN 993-5:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 10059-1:2025
Standardi staatus: Kehtetu

EVS-EN 993-6:2018
Methods of test for (dense) shaped refractory products - Part 6: Determination of modulus of rupture at ambient temperature

Keel: en
Alusdokumendid: EN 993-6:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 5014:2025
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 13245-1:2010
Plastics - Unplasticized poly(vinyl chloride) (PVC-U) profiles for building applications - Part 1: Designation of PVC-U profiles

Keel: en
Alusdokumendid: EN 13245-1:2010
Asendatud järgmise dokumendiga: EVS-EN 13245-1:2025
Standardi staatus: Kehtetu

EVS-EN 13245-3:2010
Plastics - Unplasticized poly(vinyl chloride) (PVC-U) profiles for building applications - Part 3: Designation of PVC-UE profiles

Keel: en
Alusdokumendid: EN 13245-3:2010
Asendatud järgmise dokumendiga: EVS-EN 13245-3:2025
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 13126-10:2008
Building hardware - Requirements and test methods for windows and doors height windows - Part 10: Arm-balancing systems

Keel: en
Alusdokumendid: EN 13126-10:2008
Asendatud järgmise dokumendiga: EVS-EN 13126-10:2025
Standardi staatus: Kehtetu

EVS-EN 13126-11:2008
Building hardware - Requirements and test methods for windows and doors height windows - Part 11: Top hung projecting reversible hardware

Keel: en
Alusdokumendid: EN 13126-11:2008
Asendatud järgmise dokumendiga: EVS-EN 13126-11:2025
Standardi staatus: Kehtetu

EVS-EN 13126-12:2008
Building hardware - Requirements and test methods for windows and doors height windows - Part 12: Side hung projecting reversible hardware

Keel: en
Alusdokumendid: EN 13126-12:2008
Asendatud järgmise dokumendiga: EVS-EN 13126-12:2025
Standardi staatus: Kehtetu

EVS-EN 81-3:2001+A1:2008
Liftide valmistamise ja paigaldamise ohutuseeskirjad. Osa 3: Elektrilised ja hüdraulilised teenindusliftid KONSOLIDEERITUD TEKST
Safety rules for the construction and installation of lifts - Part 3: Electric and hydraulic service lifts CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 81-3:2000+A1:2008
Asendatud järgmise dokumendiga: EVS-EN 81-30:2025
Parandatud järgmise dokumendiga: EVS-EN 81-3:2001+A1:2008/AC:2009
Standardi staatus: Kehtetu

EVS-EN 81-3:2001+A1:2008/AC:2009

Liftide valmistamise ja paigaldamise ohutuseeskirjad. Osa 3: Elektrilised ja hüdraulilised teenindusliftid
Safety rules for the construction and installation of lifts - Part 3: Electric and hydraulic service lifts

Keel: en
Alusdokumendid: EN 81-3:2000+A1:2008/AC:2009
Asendatud järgmise dokumendiga: EVS-EN 81-30:2025
Standardi staatus: Kehtetu

EVS-EN ISO 29481-2:2016

Building information models - Information delivery manual - Part 2: Interaction framework (ISO 29481-2:2012)

Keel: en
Alusdokumendid: ISO 29481-2:2012; EN ISO 29481-2:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 29481-2:2025
Standardi staatus: Kehtetu

93 RAJATISED

EVS-EN 1793-1:2017

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 1: Intrinsic characteristics of sound absorption under diffuse sound field conditions

Keel: en
Alusdokumendid: EN 1793-1:2017
Asendatud järgmise dokumendiga: EVS-EN 1793-1:2025
Standardi staatus: Kehtetu

EVS-EN 1793-2:2018

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 2: Intrinsic characteristics of airborne sound insulation under diffuse sound field conditions

Keel: en
Alusdokumendid: EN 1793-2:2018
Asendatud järgmise dokumendiga: EVS-EN 1793-2:2025
Standardi staatus: Kehtetu

EVS-EN 1793-3:1999

Maanteeliiklusmüra alandamise meetmed. Katsemeetod akustilise toimevõime määramiseks. Osa 3: Liiklusmüra normeeritud spekter
Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 3: Normalized traffic noise spectrum

Keel: en
Alusdokumendid: EN 1793-3:1997
Asendatud järgmise dokumendiga: EVS-EN 1793-3:2025
Standardi staatus: Kehtetu

EVS-EN 1793-4:2015

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 4: Intrinsic characteristics - In situ values of sound diffraction

Keel: en
Alusdokumendid: EN 1793-4:2015
Asendatud järgmise dokumendiga: EVS-EN 1793-4:2025
Standardi staatus: Kehtetu

EVS-EN 1793-5:2016

Road Traffic Noise reducing devices - Test method for determining the acoustic performance - Part 5: Intrinsic characteristics - In situ values of sound reflection under direct sound field conditions

Keel: en
Alusdokumendid: EN 1793-5:2016; EN 1793-5:2016/AC:2018
Asendatud järgmise dokumendiga: EVS-EN 1793-5:2025
Parandatud järgmise dokumendiga: EVS-EN 1793-5:2016/AC:2018

Standardi staatus: Kehtetu

EVS-EN 1793-5:2016/AC:2018

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 5: Intrinsic characteristics - In situ values of sound reflection under direct sound field conditions

Keel: en
Alusdokumendid: EN 1793-5:2016/AC:2018
Asendatud järgmise dokumendiga: EVS-EN 1793-5:2025
Konsolideeritud järgmise dokumendiga: EVS-EN 1793-5:2016
Standardi staatus: Kehtetu

EVS-EN 1793-6:2018+A1:2021

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 6: Intrinsic characteristics - In situ values of airborne sound insulation under direct sound field conditions

Keel: en
Alusdokumendid: EN 1793-6:2018+A1:2021
Asendatud järgmise dokumendiga: EVS-EN 1793-6:2025
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 14215:2018

Textile floor coverings - Classification of machine-made rugs and runners

Keel: en
Alusdokumendid: EN 14215:2018
Asendatud järgmise dokumendiga: EVS-EN 14215:2025
Standardi staatus: Kehtetu

EVS-EN 16647:2015

Fireplaces for liquid fuels - Decorative appliances producing a flame using alcohol based or gelatinous fuel - Use in private households

Keel: en
Alusdokumendid: EN 16647:2015
Asendatud järgmise dokumendiga: EVS-EN 16647-1:2025
Asendatud järgmise dokumendiga: prEN 16647-2
Muudetud järgmise dokumendiga: EN 16647:2015/prA1
Standardi staatus: Kehtetu

EVS-EN 71-5:2016

Mänguasjade ohutus. Osa 5: Keemilised mänguasjad (komplektid), välja arvatud katsekomplektid
Safety of toys - Part 5: Chemical toys (sets) other than experimental sets

Keel: en, et
Alusdokumendid: EN 71-5:2015; EVS-EN 71-5:2016/AC:2020
Asendatud järgmise dokumendiga: EVS-EN 71-5:2025
Parandatud järgmise dokumendiga: EVS-EN 71-5:2016/AC:2020
Standardi staatus: Kehtetu

EVS-EN 71-5:2016/AC:2020

Mänguasjade ohutus. Osa 5: Keemilised mänguasjad (komplektid), välja arvatud katsekomplektid
Safety of toys - Part 5: Chemical toys (sets) other than experimental sets

Keel: et
Asendatud järgmise dokumendiga: EVS-EN 71-5:2025
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

prEN 17732
Soil improvers and growing media - Terminology

This document specifies terminology for soil improvers and growing media. Annex A contains an overview of all terms defined in this document in alphabetical order.

Keel: en
Alusdokumendid: prEN 17732
Asendab dokumenti: CEN/TS 17732:2022

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 22123-1
Information technology - Cloud computing - Part 1: Vocabulary (ISO/IEC 22123-1:2023)

ISO/IEC 22123-1:2023 defines terms used in the field of cloud computing

Keel: en
Alusdokumendid: prEN ISO 22123-1; ISO/IEC 22123-1:2023
Asendab dokumenti: EVS-ISO/IEC 22123-1:2025

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 22123-2
Information technology - Cloud computing - Part 2: Concepts (ISO/IEC 22123-2:2023)

This document specifies concepts used in the field of cloud computing. These concepts expand upon the cloud computing vocabulary defined in ISO/IEC 22123-1 and provide a foundation for other documents that are associated with cloud computing.

Keel: en
Alusdokumendid: prEN ISO 22123-2; ISO/IEC 22123-2:2023
Asendab dokumenti: EVS-ISO/IEC 22123-2:2025

Arvamusküsitluse lõppkuupäev: 28.02.2026

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

EN ISO 17573-3:2024/prA1:2025
Electronic fee collection - System architecture for vehicle-related tolling - Part 3: Data dictionary - Amendment 1 (ISO/DIS 17573-3:2024/DAmd1 :2025)

Amendment to EN ISO 17573-3:2024

Keel: en
Alusdokumendid: ISO 17573-3:2024/DAmd 1; EN ISO 17573-3:2024/prA1:2025
Muudab dokumenti: EVS-EN ISO 17573-3:2024

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN IEC 60300-3-18:2025

Dependability Management - Application guide - Guide on Reliability

This document gives guidance on managing reliability and reliability activities that are applicable throughout the life cycle of an item and to any organization. This part of the IEC 60300 series provides guidance to managers and technical personnel involved in the specification, design, development, manufacture, acceptance, use of an item and the item support services. This document describes the: • the principles of reliability; • the benefits of reliability; • the elements of reliability programmes; • the specification of reliability; • the measurement, analysis and assurance of reliability; • reliability data, reliability documentation and their control. The ability to retain the reliability of an item is not only dependent upon the design itself but also on the design and management of its associated maintenance (IEC 60300-3-10) and support (IEC 60300-3-14) programmes. The interaction between reliability, maintainability and supportability activities are discussed within this document.

Keel: en
Alusdokumendid: prEN IEC 60300-3-18:2025; 56/2118/CDV

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 14001

Environmental management systems - Requirements with guidance for use (ISO/FDIS 14001:2026)

ISO 14001 specifies the requirements for an environmental management system that an organization can use to enhance its environmental performance. ISO 14001 is intended for use by an organization seeking to manage its environmental responsibilities in a systematic manner that contributes to the environmental pillar of sustainability. ISO 14001 helps an organization achieve the intended outcomes of its environmental management system, which provide value for the environment, the organization itself and interested parties. Consistent with the organization's environmental policy, the intended outcomes of an environmental management system include: · enhancement of environmental performance; · fulfilment of compliance obligations; · achievement of environmental objectives. ISO 14001 is applicable to any organization, regardless of size, type and nature, and applies to the environmental aspects of its activities, products and services that the organization determines it can either control or influence considering a life cycle perspective. ISO 14001 does not state specific environmental performance criteria. ISO 14001 can be used in whole or in part to systematically improve environmental management. Claims of conformity to ISO 14001, however, are not acceptable unless all its requirements are incorporated into an organization's environmental management system and fulfilled without exclusion. Note: This is a consolidated version, which means the amendment will be published as a new version. This approach was chosen to enhance readability and improve the overall user experience.

Keel: en
Alusdokumendid: ISO/FDIS 14001; prEN ISO 14001
Asendab dokumenti: EVS-EN ISO 14001:2015
Asendab dokumenti: EVS-EN ISO 14001:2015/A1:2024
Asendab dokumenti: EVS-EN ISO 14001:2015+A1:2024

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 17573-1

Electronic fee collection - System architecture for vehicle-related tolling - Part 1: Reference model (ISO/DIS 17573-1:2025)

This document defines the architecture of electronic fee collection (EFC) system environments, in which a customer with one contract may use a vehicle in a variety of toll domains with a different toll charger for each domain. EFC systems conforming to this document can be used for various purposes including road (network) tolling, area tolling, collecting fees for the usage of bridges, tunnels, ferries, for access or for parking. From a technical point of view the considered toll systems may identify vehicles subject to tolling by means of electronic equipment on-board in a vehicle or by other means (e.g. automatic number plate recognition, ANPR). From a process point of view the architectural description focuses on toll determination, toll charging, and the associated enforcement measures. The actual collection of the toll, i.e. collecting payments, is outside of the scope of this document. The architecture in this document is defined with no more details than required for an overall overview, a common language, an identification of the need for and interactions among other standards, and the drafting of these standards. This document as a whole provides: — the enterprise view on the architecture, which is concerned with the purpose, scope and policies governing the activities of the specified system within the organization of which it is a part; — the terms and definitions for common use in an EFC environment; — a decomposition of the EFC systems environment into its main enterprise objects; — the roles and responsibilities of the main actors. This document does not impose that all roles perform all indicated responsibilities. It should also be clear that the responsibilities of a role may be shared between two or more actors. Mandating the performance of certain responsibilities is the task of standards derived from this architecture; — identification of the provided services by means of action diagrams that underline the needed standardised exchanges; — identification of the interoperability interfaces for EFC systems, in specialised standards (specified or to be specified).

Keel: en
Alusdokumendid: ISO/DIS 17573-1; prEN ISO 17573-1
Asendab dokumenti: EVS-EN ISO 17573-1:2019

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEVS-ISO 21001

Haridusasutused. Haridusasutuste juhtimissüsteemid. Nõuded koos kasutusjuhistega Educational organizations — Management systems for educational organizations — Requirements with guidance for use (ISO 21001:2025, identical)

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

Keel: en
Alusdokumendid: ISO 21001:2025
Asendab dokumenti: EVS-ISO 21001:2018
Asendab dokumenti: EVS-ISO 21001:2018+A1:2024

Arvamusküsitluse lõppkuupäev: 28.02.2026

11 TERVISEHOOLDUS

prEN ISO 10993-16

Biological evaluation of medical devices - Part 16: Toxicokinetic evaluation for degradation products and leachables (ISO/DIS 10993-16:2025)

ISO 10993-16:2017 provides principles on designing and performing toxicokinetic evaluation relevant to medical devices. Annex A describes the considerations for inclusion of toxicokinetic evaluation in the biological evaluation of medical devices.

Keel: en
Alusdokumendid: ISO/DIS 10993-16; prEN ISO 10993-16
Asendab dokumenti: EVS-EN ISO 10993-16:2017

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 18969

Clinical evaluation of medical devices (ISO/DIS 18969:2025)

This document specifies terminology, principles and a process for the clinical evaluation of medical devices. The process described in this document aims to assist manufacturers of medical devices to estimate the clinical risks associated with a medical device and evaluate the acceptability of those risks in the light of the clinical benefits achieved when the device is used as intended. The requirements of this document are applicable throughout the life cycle of a medical device. The process described in this document applies to the assessment of risks and benefits from clinical data obtained from the use of medical devices in humans. This document specifies general requirements intended to — verify the safety of medical devices when used in accordance with their instructions for use; — verify that the clinical performance or effectiveness of a medical device meet the claims of the manufacturer in relation to its intended use; — verify that there is sufficient clinical evidence to demonstrate the achievement of a positive benefit/risk balance when a medical device is used in the intended patient population in accordance with its intended use; — ensure the scientific conduct of a clinical evaluation and the credibility of conclusions drawn on the safety and performance of a medical device; — define the responsibilities of the manufacturer and those conducting or contributing to a clinical evaluation; and — assist manufacturers, clinicians, regulatory authorities and other bodies involved in the conformity assessment of medical devices. Note 1 This standard can be used for regulatory purposes. Note 2 This document does not apply to in vitro diagnostic medical devices. However, there may be situations, dependent on the device and national or regional requirements, where sections and/or requirements of this document might be applicable.

Keel: en
Alusdokumendid: ISO/DIS 18969; prEN ISO 18969

Arvamusküsitluse lõppkuupäev: 28.02.2026

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN 12845-2:2024/prA1

Fixed firefighting systems - Automatic sprinkler systems - Part 2: Design and installation of ESFR and CMSA sprinkler systems

This document specifies requirements for the design and installation of early suppression fast response (ESFR) and control mode specific application (CMSA) sprinklers in automatic sprinkler systems, in accordance with this standard and additionally the EN 12845 series of standards. This document does not cover all legislative requirements. NOTE In certain countries, specific national regulations can apply. Attention is drawn to the applicability or non-applicability for this document as specified by national responsible authorities.

Keel: en
Alusdokumendid: EN 12845-2:2024/prA1
Muudab dokumenti: EVS-EN 12845-2:2024

Arvamusküsitluse lõppkuupäev: 28.02.2026

EN IEC 61800-5-1:2023/prA1:2025

Amendment 1 - Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy

Amendment to EN IEC 61800-5-1:2023

Keel: en
Alusdokumendid: EN IEC 61800-5-1:2023/prA1:2025; 22G/529/CDV
Muudab dokumenti: EVS-EN IEC 61800-5-1:2023

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 16640

Bio-based products - Bio-based carbon content - Determination of the bio-based carbon content using the radiocarbon method

This document specifies a method for the determination of the bio-based carbon content in products, based on the 14C content measurement. This document also specifies three test methods to be used for the determination of the 14C content from which the bio-based carbon content is calculated: — method A: Liquid scintillation-counter (LSC); — method B: Accelerator mass spectrometry (AMS); and — method C: Saturated-absorption cavity ring-down (SCAR) spectroscopy. The bio-based carbon content is expressed by a fraction of sample mass or as a fraction of the total carbon content. This calculation method is applicable to any product containing carbon, including bio-composites. NOTE This document does not provide the methodology for the calculation of the biomass content of a sample, see EN 16785 1 and EN 16785 2.

Keel: en
Alusdokumendid: prEN 16640
Asendab dokumenti: EVS-EN 16640:2017
Asendab dokumenti: EVS-EN 16640:2017/AC:2017

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN IEC 60695-1-12:2025

Fire hazard testing - Part 1-12: Guidance for assessing the fire hazard of electrotechnical products - Fire safety engineering

This part of IEC 60695 specifies methodologies of fire safety engineering for electrotechnical products by providing: – an explanation of the principles and uses of fire safety engineering; – guidance on the use of fire safety engineering in the design of electrotechnical products; – fire safety engineering terminology, and concepts; – an indication of properties, data and tests needed for input into fire safety engineering assessment; and – informative references. This document is intended to provide guidance for product committees on fire safety engineering methods and performance-based tests for use in performance-based designs and fire hazard assessments of electrotechnical materials, assemblies, products and systems. More detailed information on fire safety engineering is contained in ISO 23932-1 [25]. NOTE Further detailed aspects of FSE are covered in ISO 16730-1 [16], ISO 16732-1 [17], ISO 16733-1 [18], ISO 24678-2 [19], ISO 26678-3 [20], ISO 24678-4 [21] and ISO/TR 16738 [22]. This basic safety publication is 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. The requirements, test methods or test conditions of this basic safety publication will not apply unless specifically referred to or included in the relevant publications.

Keel: en
Alusdokumendid: 89/1631/CDV; prEN IEC 60695-1-12:2025
Asendab dokumenti: EVS-EN IEC 60695-1-12:2020

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 14001

Environmental management systems - Requirements with guidance for use (ISO/FDIS 14001:2026)

ISO 14001 specifies the requirements for an environmental management system that an organization can use to enhance its environmental performance. ISO 14001 is intended for use by an organization seeking to manage its environmental responsibilities in a systematic manner that contributes to the environmental pillar of sustainability. ISO 14001 helps an organization achieve the intended outcomes of its environmental management system, which provide value for the environment, the organization itself and interested parties. Consistent with the organization's environmental policy, the intended outcomes of an environmental management system include: · enhancement of environmental performance; · fulfilment of compliance obligations; · achievement of environmental objectives. ISO 14001 is applicable to any organization, regardless of size, type and nature, and applies to the environmental aspects of its activities, products and services that the organization determines it can either control or influence considering a life cycle perspective. ISO 14001 does not state specific environmental performance criteria. ISO 14001 can be used in whole or in part to systematically improve environmental management. Claims of conformity to ISO 14001, however, are not acceptable unless all its requirements are incorporated into an organization's environmental management system and fulfilled without exclusion. Note: This is a consolidated version, which means the amendment will be published as a new version. This approach was chosen to enhance readability and improve the overall user experience.

Keel: en
Alusdokumendid: ISO/FDIS 14001; prEN ISO 14001
Asendab dokumenti: EVS-EN ISO 14001:2015
Asendab dokumenti: EVS-EN ISO 14001:2015/A1:2024

Asendab dokumenti: EVS-EN ISO 14001:2015+A1:2024

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 15799

Soil quality - Guidance on the ecotoxicological characterization of soils and soil materials (ISO/DIS 15799:2025)

This document is one of a family of International Standards providing guidance on soils and soil materials in relation to certain functions and uses including conservation of biodiversity. It applies in conjunction with these other standards. It provides guidance on the selection of experimental methods for the assessment of the ecotoxic potential of soils and soil materials (e.g. excavated and remediated soils, refills, embankments) with respect to their intended use and possible adverse effects on aquatic and soil dwelling organisms. NOTE This is a reflection of the maintenance of the habitat and retention function of the soil. In fact, the methods listed in this document are suitable for usage in a TRIAD approach, i.e. for an ecological assessment of potentially contaminated soils (see ISO 19204). This document does not cover tests for bioaccumulation. The ecological assessment of uncontaminated soils with a view to natural, agricultural or horticultural use is not within the scope of this document. Such soils can be of interest if they can serve as a reference for the assessment of soils from contaminated sites. The interpretation of results gained by applying the proposed methods is not in the scope of this document.

Keel: en
Alusdokumendid: ISO/DIS 15799; prEN ISO 15799
Asendab dokumenti: EVS-EN ISO 15799:2022

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 21285

Soil quality - Inhibition of reproduction of the soil mite (Hypoaspis (Gaeolaelaps) aculeifer) by soil contaminants (ISO/DIS 21285:2025)

This document specifies a chronic test method for evaluating the habitat function of soils and determining effects of soil contaminants and substances on the reproduction of Hypoaspis aculeifer by ? mainly ? alimentary uptake. This method is applicable to soils and soil materials of unknown quality, e.g. from contaminated sites, amended soils, soils after remediation, industrial, agricultural or other sites under concern and waste materials (e.g. dredged material, municipal sludge from a wastewater treatment plant, composed material, or manure, especially those for possible land disposal). The reproduction (= number of juveniles) is the measured parameter of the test. The test reflects the bioavailability of a mixture of contaminants in natural soils (contaminated site soils) to a species which represents a trophic level which is not covered by other ISO standards. This test is not intended to replace the earthworm (see ISO 11268-2) or Collembola (see ISO 11267) reproduction tests since this species belongs not only to a different trophic group but also a different taxonomic group (= mites; i.e. arachnids) than those used usually. Effects of substances are assessed using a standard soil, preferably a defined artificial soil substrate. For contaminated soils, the effects are determined in the soil to be tested and in a control soil. Depending on the objective of the study, the control and dilution substrate (dilution series of contaminated soil) are either an uncontaminated soil comparable to the soil to be tested (reference soil) or a standard soil (e.g. artificial soil). This document provides information on how to use this method for testing samples (soils or substances) under temperate conditions. This document is not applicable to substances for which the air/soil partition coefficient is greater than one, or to substances with vapour pressure exceeding 300 Pa at 25 °C. NOTE The stability of the test substance cannot be ensured over the test period. No provision is made in the test method for monitoring the persistence of the substance under test.

Keel: en
Alusdokumendid: ISO/DIS 21285; prEN ISO 21285
Asendab dokumenti: EVS-EN ISO 21285:2020

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 5667-1

Water quality - Sampling - Part 1: Guidance on the design of sampling programmes and sampling techniques (ISO/DIS 5667-1:2025)

This document sets out the general principles for, and provides guidance on, the design of sampling programmes and sampling techniques for all aspects of sampling of water (including waste waters, sludges, effluents, suspended solids and sediments). This document does not include detailed instructions for specific sampling situations, which are covered in various other parts of the ISO 5667 series and in ISO 19458.

Keel: en
Alusdokumendid: ISO/DIS 5667-1; prEN ISO 5667-1
Asendab dokumenti: EVS-EN ISO 5667-1:2023

Arvamusküsitluse lõppkuupäev: 28.02.2026

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EN IEC 60645-6:2022/prA1:2025

Amendment 1 - Electroacoustics - Audiometric equipment - Part 6: Instruments for the measurement of otoacoustic emissions

Amendment to EN IEC 60645-6:2022

Keel: en
Alusdokumendid: EN IEC 60645-6:2022/prA1:2025; IEC 60645-6/AMD1 ED2 (29/1224/CDV)

Muudab dokumenti: EVS-EN IEC 60645-6:2022

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN IEC 60343:2025

Recommended test methods for determining the relative resistance of insulating materials to breakdown by surface discharges - Part 1: General methods

This International Standard concerns endurance tests with surface discharges by electrical field strength used in industrial service in air. It is intended to assess the resistance of a solid electrical insulating material to breakdown when exposed to surface discharges.

Keel: en
Alusdokumendid: 112/700/CDV; prEN IEC 60343:2025
Asendab dokumenti: EVS-EN 60343:2002

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN IEC 60865-1:2025

Short-circuit currents - Calculation of effects - Part 1: Definitions and calculation methods

This part of IEC 60865 is applicable to the mechanical and thermal effects of short-circuit currents. It contains procedures for the calculation of – the electromagnetic effect on rigid conductors and flexible conductors, – the thermal effect on bare conductors. For cables and insulated conductors, reference is made, for example, to IEC 60949 and IEC 60986. For the electromagnetic and thermal effects in d.c. auxiliary installations of power plants and substations reference is made to IEC 61660-2. Only a.c. systems are dealt with in this standard. The following points should, in particular, be noted: a) The calculation of short-circuit currents should be based on IEC 60909. For the determination of the greatest possible short-circuit current, additional information from other IEC standards may be referred to, e.g. details about the underlying circuitry of the calculation or details about current-limiting devices, if this leads to a reduction of the mechanical stress. b) Short-circuit duration used in this standard depends on the protection concept and should be considered in that sense. c) These standardized procedures are adjusted to practical requirements and contain simplifications which are conservative. Testing or more detailed methods of calculation or both may be used. d) In Clause 5 of this standard, for arrangements with rigid conductors, only the stresses caused by short-circuit currents are calculated. Furthermore, other stresses can exist, e.g. caused by dead-load, wind, ice, operating forces or earthquakes. The combination of these loads with the short-circuit loading should be part of an agreement and/or be given by standards, e.g. erection-codes. The tensile forces in arrangements with flexible conductors include the effects of dead-load. With respect to the combination of other loads the considerations given above are valid. e) The calculated loads are design loads and should be used as exceptional loads without any additional partial safety factor according to installation codes of, for example, IEC 61936-1.

Keel: en
Alusdokumendid: prEN IEC 60865-1:2025; 73/239/CDV
Asendab dokumenti: EVS-EN 60865-1:2012

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 463

Geometrical product specifications (GPS) - Dimensional measuring equipment - Design and metrological characteristics of indicators (ISO/DIS 463:2025)

This document specifies the most important design and metrological characteristics of indicators: — mechanical dial indicators with analogue indication; — with electronic digital indication.

Keel: en
Alusdokumendid: ISO/DIS 463; prEN ISO 463
Asendab dokumenti: EVS-EN ISO 13102:2012
Asendab dokumenti: EVS-EN ISO 463:2006
Asendab dokumenti: EVS-EN ISO 463:2006/AC:2007
Asendab dokumenti: EVS-EN ISO 463:2006/AC:2009

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 80601-2-56

Medical electrical equipment - Part 2-56: Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement (ISO/DIS 80601-2-56:2025)

ISO 80601-2-56:2017 applies to the basic safety and essential performance of a clinical thermometer in combination with its accessories, hereafter referred to as me equipment. This document specifies the general and technical requirements for electrical clinical thermometers. This document applies to all electrical clinical thermometers that are used for measuring the body temperature of patients. Clinical thermometers can be equipped with interfaces to accommodate secondary indicators, printing equipment, and other auxiliary equipment to create me systems. This document does not apply to auxiliary equipment. Me equipment that measures a body temperature is inside the scope of this document. ISO 80601-2-56:2017 does not specify the requirements for screening thermographs intended to be used for the individual non-invasive human febrile temperature screening of groups of individual humans under indoor environmental conditions, which are given in IEC 80601-2-59[4]. If a clause or subclause is specifically intended to be applicable to me equipment only, or to me systems only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to me equipment and to me systems, as relevant. Hazards inherent in the intended physiological function of me equipment or me systems within the scope of this document are not covered by specific requirements in this document except in IEC 60601-1:2005+A1:2012, 7.2.13 and 8.4.1. NOTE Additional information can be found in IEC 60601?1:2005+A1:2012, 4.2.

Keel: en
Alusdokumendid: ISO/DIS 80601-2-56; prEN ISO 80601-2-56
Asendab dokumenti: EVS-EN ISO 80601-2-56:2017
Asendab dokumenti: EVS-EN ISO 80601-2-56:2017/A1:2020
Asendab dokumenti: EVS-EN ISO 80601-2-56:2017+A1:2020

Arvamusküsitluse lõppkuupäev: 28.02.2026

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EN 13445-2:2021+A1:2023/prA2
Unfired pressure vessels - Part 2: Materials

This document specifies the requirements for steel products used for unfired pressure vessels. For some metallic materials other than steel, such as spheroidal graphite cast iron, aluminium, nickel, copper, titanium, requirements are or will be formulated in separate parts of this document. For metallic materials which are not covered by a harmonized material standard and are not likely to be in near future, specific rules are given in this part or the above cited parts of this document.

Keel: en
Alusdokumendid: EN 13445-2:2021+A1:2023/prA2
Muudab dokumenti: EVS-EN 13445-2:2021+A1:2023

Arvamusküsitluse lõppkuupäev: 28.02.2026

EN 13480-2:2024/prA1
Metallic industrial piping - Part 2: Materials

This document specifies the requirements for steel products used for industrial piping and supports. For some metallic materials other than steel, such as spheroidal graphite cast iron, aluminium, nickel, copper, titanium, requirements are or will be formulated in separate parts of this document. For metallic materials which are not covered by a harmonized material standard and are not likely to be in near future, specific rules are given in this part or the above cited parts of this document.

Keel: en
Alusdokumendid: EN 13480-2:2024/prA1
Muudab dokumenti: EVS-EN 13480-2:2024

Arvamusküsitluse lõppkuupäev: 28.02.2026

EN 13480-4:2024/prA1
Metallic industrial piping - Part 4: Fabrication and installation

This Part of this European Standard specifies the requirements for fabrication and installation of piping systems, including supports, designed in accordance with EN 13480-3:2017.

Keel: en
Alusdokumendid: EN 13480-4:2024/prA1
Muudab dokumenti: EVS-EN 13480-4:2024

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 17151-1
Plastics piping systems for non-pressure underground conveyance and storage of surface water - Part 1: Test method for determination of long-term compression strength of boxes

This document specifies a test method for determining the long-term compression strength for a specified period on boxes made of thermoplastics materials for non-pressure underground conveyance and storage of non-potable water. The document is applicable for boxes which maintain their linear behaviour over the specified period.

Keel: en
Alusdokumendid: prEN 17151-1
Asendab dokumenti: EVS-EN 17151:2019

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 17151-2
Plastics piping systems for non-pressure underground conveyance and storage of surface water - Part 2: Test method for determination of creep behaviour of boxes

This document specifies a test method for determining the compressive creep behaviour of boxes made of thermoplastic materials intended for use in a modular system for non-pressure underground conveyance and storage of surface water.

Keel: en
Alusdokumendid: prEN 17151-2

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 17152-1

Plastics piping systems for non-pressure underground conveyance and storage of surface water - Boxes used for infiltration, attenuation and storage systems - Part 1: Specifications for boxes made of PP and PVC-U

This document gives the definitions and specifies the minimum requirements for injection moulded, extruded and thermoformed thermoplastics cuboid shaped boxes, including integral components, used in underground systems for infiltration, attenuation and storage of surface water (e.g. storm water) and manufactured from polypropylene (PP) or unplasticized polyvinylchloride (PVC-U). Product properties are determined by a combination of material specifications, design and manufacturing process. These boxes are intended for buried underground use, e.g. in landscape, pedestrian or vehicular traffic areas. A box can either be factory assembled, or site assembled from different components. These boxes are intended to be used as elements in a modular system where the manufacturer states in the documentation how the components are assembled to create a complete infiltration, attenuation or storage system. NOTE Non load bearing component(s) can be manufactured by various methods e.g. extrusion, injection moulding, rotational moulding, thermoforming and low-pressure injection moulding.

Keel: en
Alusdokumendid: prEN 17152-1
Asendab dokumenti: EVS-EN 17152-1:2019
Asendab dokumenti: EVS-EN 17152-1:2019/AC:2020

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEVS 884

Gaasitaristu. Projekteerimise põhinõuded üle 16 baarise töörõhuga torustikele
Gas infrastructure - Pipelines for maximum operating pressure over 16 bar - General requirements for design

Standard sätestab ühtsed projekteerimisnõuded üle 16 baarise töörõhuga gaasitorustikele, et tagada gaasitorustike ehitamisel torustike kasutuskindlus, inimeste ohutus, keskkonnakaitse ja õnnetusjuhtumite vältimine. Selle standardi ohutuskujade määramise meetodit võib kasutada olemasoleva üle 16 baarise töörõhuga gaasitorustiku lähedusse rajatavate ehitiste ohutuskujade arvutamisel, kui on uuritud olemasoleva torustiku tehnilist seisundit. Ohutuskuja määramisel varemehitatud üle 16 baarise töörõhuga gaasitorustikest tuleb lähtuda tehnilistest normidest ja standarditest, mida kasutati nende torustike ehitamisel.

Keel: et
Asendab dokumenti: EVS 884:2017

Arvamusküsitluse lõppkuupäev: 28.02.2026

25 TOOTMISTEHNOLOOGIA

FprEN IEC 62841-3-16:2025/FprAA:2025

Elektrimootriga käsitööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-16: Erinõuded transporditavatele lintlihv-, ketaslihv- ja lint/ketaslihvmasinatele
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-16: Particular requirements for transportable belt sanders, disc sanders and belt/disc sanders

Amendment to FprEN IEC 62841-3-16:2025

Keel: en
Alusdokumendid: FprEN IEC 62841-3-16:2025/FprAA:2025
Muudab dokumenti: prEN IEC 62841-3-16:2024

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 14918

Thermal spraying - Qualification testing of thermal sprayers (ISO/DIS 14918:2025)

ISO 14918:2018 specifies procedural instructions for qualification testing of thermal sprayers. It defines requirements, ranges of qualification, test conditions, acceptance requirements and certification for qualification testing of thermal spray performance. ISO 14918:2018 is applicable when the thermal sprayer's qualification is required by this document, the purchaser, by inspection authorities or by other organizations. The thermal spraying processes referred to in this document include those spraying processes which are designated as manual or mechanized. The test for mechanised application includes the use of automatically controlled thermal spraying, e.g. robotics, scan units.

Keel: en
Alusdokumendid: ISO/DIS 14918; prEN ISO 14918
Asendab dokumenti: EVS-EN ISO 14918:2018

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 28706-2

Vitreous and porcelain enamels - Determination of resistance to chemical corrosion - Part 2: Determination of resistance to chemical corrosion by boiling acids, boiling neutral liquids, alkaline liquids and/or their vapours (ISO/DIS 28706-2:2025)

ISO 28706-2:2017 specifies a test method for the determination of the resistance of flat surfaces of vitreous and porcelain enamels to boiling acids, boiling neutral liquids, alkaline liquids and/or their vapours. This method allows the determination of the resistance of vitreous and porcelain enamels to the liquid and vapour phases of the corrosive medium simultaneously.

Keel: en
Alusdokumendid: ISO/DIS 28706-2; prEN ISO 28706-2
Asendab dokumenti: EVS-EN ISO 28706-2:2017

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 28706-4

Vitreous and porcelain enamels - Determination of resistance to chemical corrosion - Part 4: Determination of resistance to chemical corrosion by alkaline liquids using a cylindrical vessel (ISO/DIS 28706-4:2025)

ISO 28706-4:2016 describes a test method for the determination of the resistance of vitreous and porcelain enamelled articles to attack by alkaline liquids at temperatures between 25 °C and 95 °C. The apparatus used is a cylindrical vessel in which only one enamelled specimen is tested. NOTE 1 The test method was initially set up for determination of the resistance of vitreous and porcelain enamels to a hot sodium hydroxide solution. Within the scope of this part of ISO 28706, the resistance of other alkaline liquids can be tested. NOTE 2 This part of ISO 28706, which uses a cylindrical vessel, is generally used for tests carried out on vitreous and porcelain enamel coatings for the chemical industry.

Keel: en
Alusdokumendid: ISO/DIS 28706-4; prEN ISO 28706-4
Asendab dokumenti: EVS-EN ISO 28706-4:2016

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 8501-1

Preparation of steel substrates before application of paints and related products - Visual assessment of surface cleanliness - Part 1: Rust grades and preparation grades of uncoated steel substrates and of steel substrates after overall removal of previous coatings (ISO/DIS 8501-1:2025)

This document specifies a series of rust grades and preparation grades of steel surfaces. This document describes the preparation grades of the substrate based on visual assessment of the initial rust grade, preparation method used and visual evaluation of the resulting degree of cleanliness. It is applicable to hot-rolled steel surfaces prepared for painting by methods such as blast-cleaning, hand or power tool cleaning and acid pickling. These methods are primarily intended for removing firmly adhering mill scale on hot rolled steel. They can be used to remove coatings, mill scale or other firmly adhering extraneous material. This document is also applicable to steel substrates that show residues of firmly adhering paint and other foreign matter in addition to residual mill scale.

Keel: en
Alusdokumendid: ISO/DIS 8501-1; prEN ISO 8501-1
Asendab dokumenti: EVS-EN ISO 8501-1:2007

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO/ASTM 52961

Additive manufacturing of polymers - Environment, health and safety - General principles for use of polymers with material extrusion (ISO/ASTM DIS 52961:2025)

This document provides guidance and requirements for risk assessment and implementation of prevention and protection measures relating to material extrusion-based additive manufacturing with polymer materials. The risks covered by this document concern all sub-processes composing the manufacturing process, including the management of waste. This document does not specify requirements for the design of machinery and equipment used for additive manufacturing.

Keel: en
Alusdokumendid: ISO/ASTM DIS 52961; prEN ISO/ASTM 52961

Arvamusküsitluse lõppkuupäev: 28.02.2026

27 ELEKTRI- JA SOOJUSENERGEETIKA

EN IEC 62788-2-1:2023/prA1:2025

Amendment 1 - Measurement procedures for materials used in photovoltaic modules - Part 2-1: Polymeric materials - Frontsheet and backsheet - Safety requirements

Amendment to EN IEC 62788-2-1:2023

Keel: en
Alusdokumendid: EN IEC 62788-2-1:2023/prA1:2025; IEC 62788-2-1/AMD1 ED1 (82/2535/CDV)

Muudab dokumenti: EVS-EN IEC 62788-2-1:2023

Arvamusküsitluse lõppkuupäev: 28.02.2026

29 ELEKTROTEHNIKA

EN IEC 61800-5-1:2023/prA1:2025

Amendment 1 - Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy

Amendment to EN IEC 61800-5-1:2023

Keel: en
Alusdokumendid: EN IEC 61800-5-1:2023/prA1:2025; 22G/529/CDV
Muudab dokumenti: EVS-EN IEC 61800-5-1:2023

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN IEC 60079-29-3:2025

Explosive atmospheres - Part 29-3: Gas detectors - Guidance on functional safety of fixed gas detection systems

This document sets out safety integrity related considerations for fixed gas detection systems and associated equipment in terms of the framework and philosophy of IEC 61508 (all parts). The document introduces the requirements described by Figure 2 and includes equipment for the detection of flammable and toxic gases and vapours, and oxygen. Other local, national and international standards specify the performance requirements of gas detection equipment. These standards are commonly known as Metrological Performance Standards and are concerned with the accuracy of the measured value, the overall system performance, but not with the device or system integrity with respect to the safety function. This document applies to the integrity of the safety instrumented function. NOTE 1 In some jurisdictions, it can be a requirement to certify the performance of equipment for the measurement of flammable gases, vapours, toxic gases and/or oxygen used in life safety applications. This document does not consider the Safety Integrity Level SIL 4. SIL 4 is considered to be practically unattainable for gas detection systems NOTE 2 It is rare for any risk study to determine a Safety Integrity higher than SIL 2 for a fixed gas detection system. This document is applicable to fixed gas detection systems which can include the following functional units: – Gas sensor/transmitter – Gas detection control unit (logic solver) – Gas sampling (single and multiplexed streams) – Gas conditioning – Automatic gas calibration and adjustment – Output module (if not part of the control unit)

Keel: en
Alusdokumendid: prEN IEC 60079-29-3:2025; 31/1941/CDV
Asendab dokumenti: EVS-EN 60079-29-3:2014

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN IEC 60343:2025

Recommended test methods for determining the relative resistance of insulating materials to breakdown by surface discharges - Part 1: General methods

This International Standard concerns endurance tests with surface discharges by electrical field strength used in industrial service in air. It is intended to assess the resistance of a solid electrical insulating material to breakdown when exposed to surface discharges.

Keel: en
Alusdokumendid: 112/700/CDV; prEN IEC 60343:2025
Asendab dokumenti: EVS-EN 60343:2002

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN IEC 60695-1-12:2025

Fire hazard testing - Part 1-12: Guidance for assessing the fire hazard of electrotechnical products - Fire safety engineering

This part of IEC 60695 specifies methodologies of fire safety engineering for electrotechnical products by providing: – an explanation of the principles and uses of fire safety engineering; – guidance on the use of fire safety engineering in the design of electrotechnical products; – fire safety engineering terminology, and concepts; – an indication of properties, data and tests needed for input into fire safety engineering assessment; and – informative references. This document is intended to provide guidance for product committees on fire safety engineering methods and performance-based tests for use in performance-based designs and fire hazard assessments of electrotechnical materials, assemblies, products and systems. More detailed information on fire safety engineering is contained in ISO 23932-1 [25]. NOTE Further detailed aspects of FSE are covered in ISO 16730-1 [16], ISO 16732-1 [17], ISO 16733-1 [18], ISO 24678-2 [19], ISO 26678-3 [20], ISO 24678-4 [21] and ISO/TR 16738 [22]. This basic safety publication is 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. The requirements, test methods or test conditions of this basic safety publication will not apply unless specifically referred to or included in the relevant publications.

Keel: en
Alusdokumendid: 89/1631/CDV; prEN IEC 60695-1-12:2025
Asendab dokumenti: EVS-EN IEC 60695-1-12:2020

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN IEC 60865-1:2025

Short-circuit currents - Calculation of effects - Part 1: Definitions and calculation methods

This part of IEC 60865 is applicable to the mechanical and thermal effects of short-circuit currents. It contains procedures for the calculation of – the electromagnetic effect on rigid conductors and flexible conductors, – the thermal effect on bare conductors. For cables and insulated conductors, reference is made, for example, to IEC 60949 and IEC 60986. For the electromagnetic and thermal effects in d.c. auxiliary installations of power plants and substations reference is made to IEC 61660-2. Only a.c. systems are dealt with in this standard. The following points should, in particular, be noted: a) The calculation of short-circuit currents should be based on IEC 60909. For the determination of the greatest possible short-circuit current, additional information from other IEC standards may be referred to, e.g. details about the underlying circuitry of the calculation or details about current-limiting devices, if this leads to a reduction of the mechanical stress. b) Short-circuit duration used in this standard depends on the protection concept and should be considered in that sense. c) These standardized procedures are adjusted to practical requirements and contain simplifications which are conservative. Testing or more detailed methods of calculation or both may be used. d) In Clause 5 of this standard, for arrangements with rigid conductors, only the stresses caused by short-circuit currents are calculated. Furthermore, other stresses can exist, e.g. caused by dead-load, wind, ice, operating forces or earthquakes. The combination of these loads with the short-circuit loading should be part of an agreement and/or be given by standards, e.g. erection-codes. The tensile forces in arrangements with flexible conductors include the effects of dead-load. With respect to the combination of other loads the considerations given above are valid. e) The calculated loads are design loads and should be used as exceptional loads without any additional partial safety factor according to installation codes of, for example, IEC 61936-1.

Keel: en
Alusdokumendid: prEN IEC 60865-1:2025; 73/239/CDV
Asendab dokumenti: EVS-EN 60865-1:2012

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN IEC 60947-7-4:2025

Low-voltage switchgear and controlgear - Part 7-4: Ancillary equipment - PCB terminal blocks for copper conductors

This part of IEC 60947-7 specifies requirements for PCB terminal blocks primarily intended for industrial or similar use. Mounting and fixing on the printed circuit board is made by soldering, press-in or equivalent methods to provide electrical and mechanical connection between copper conductors and the printed circuit board. This document applies to PCB terminal blocks intended to connect round copper conductors, with or without special preparation, having a cross-section between 0,05 mm2 and 300 mm2 (AWG 28-600 kcmil), intended to be used in circuits of a rated voltage not exceeding 1 000 V AC up to 1 000 Hz or 1 500 V DC. NOTE 1 AWG is the abbreviation of “American Wire Gage” (Gage (US) = Gauge (UK)). 1 kcmil = 1 000 cmil; 1 cmil = 1 circular mil = surface area of a circle having a diameter of 1 mil; 1 mil = 1/1 000 inch. NOTE 2 Large-cross-section terminal blocks are dedicated to the specific design of high-current PCBs. The range up to 300 mm2 is kept to cover any possible application. Examples of high current PCBs and PCB terminal blocks are shown in Annex C. This document can be used as a guide for special types of PCB terminal blocks with components, such as disconnect units, integrated cartridge fuse-links and the like or with other dimensions of conductors. If applicable, in this document the term “clamping unit” is used instead of “terminal”. This is taken into account in the case of references to IEC 60947–1.

Keel: en
Alusdokumendid: prEN IEC 60947-7-4:2025; 121A/705/CDV
Asendab dokumenti: EVS-EN IEC 60947-7-4:2019

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN IEC 62477-2:2025

Safety requirements for power electronic converter systems and equipment - Part 2: High voltage power electronic converters up to 36 kv a.c. or 54 kv d.c.

This part of IEC 62477 applies to power electronic converter systems (PECS) and equipment, their components for electronic power conversion and electronic power switching, including the means for their control, protection, monitoring and measurement, such as with the main purpose of converting electric power, with rated system voltages up to 36 kV AC or 54 kV DC This document also applies to PECS which intentionally emit or receive radio waves for the purpose of radio communication. This document can also be used as a reference standard for product committees producing product standards for • adjustable speed electric power drive systems (PDS), • standalone uninterruptible power systems (UPS), and • stabilized DC power supplies. For PECS for which no product standard exists, this document provides minimum requirements for safety aspects. This document has the status of a group safety publication in accordance with IEC Guide 104 for power electronic converter systems and equipment for solar, wind, tidal, wave, fuel cell or similar energy sources. According to IEC Guide 104, one of the responsibilities of technical committees is, wherever applicable, to make use of basic safety publications and/or group safety publications in the preparation of their product standards. IEC 62477-1 is applicable within this document unless specifically stated. References to IEC 62477-1 regarding applicability at the clause level do not supersede the requirements specifically highlighted within this document. E.g. a reference to a clause in IEC 62477 -1 which references a table in IEC 62477-1, which has been modified for usage within IEC 62477-2, the table in IEC 62477-2 is the superseding table.

Keel: en
Alusdokumendid: 22/430/CDV; prEN IEC 62477-2:2025
Asendab dokumenti: EVS-EN IEC 62477-2:2018

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN IEC 63116:2025
Lighting systems - General requirements

This document specifies general requirements for design, installation and maintenance of a lighting system providing electric lighting. Note: Electric lighting is defined in IEC 60050-845, entry 845-29-025. A lighting system comprises a set of products. Requirements of the products are specified in product standards. For the general requirements of lighting systems, this document prevails. Construction of lighting systems can vary in applications. This document is not intended to provide detailed technical specifications for the construction of lighting systems but to specify requirements in general that are necessary for lighting systems. This document is applicable to outdoor and indoor lighting systems. This document does not address stage and studio lighting systems.

Keel: en
Alusdokumendid: prEN IEC 63116:2025; 34/1408/CDV

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN IEC 63544:2025
Horticultural lighting - Luminaires incorporating LED sources for horticultural lighting - Performance

This document specifies the performance requirements together with the measurement method and conditions for horticultural luminaires incorporating LED sources. The requirements of this document relate to type testing. The lifetime of horticultural luminaires incorporating LED sources is in most cases much longer than practical test times. Consequently, the verification of manufacturer's lifetime claim is out of the scope of this document. This document does not contain requirements on action spectra, which are dependent on plant species and growth stages.

Keel: en
Alusdokumendid: 34/1405/CDV; prEN IEC 63544:2025

Arvamusküsitluse lõppkuupäev: 28.02.2026

31 ELEKTROONIKA

prEN IEC 61189-3-720:2025
Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 3-720: Test methods for interconnection structures (circuit boards) - Transmission loss test method for high frequency multilayer circuit boards

This International Standard specifies the S Parameter test method for the internal transmission circuit of a multilayer CB(Circuit Board) for high frequency up to 50 GHz. The transmission loss test method that applies the VIPPO structure to the CB surface contributes to improving the signal loss measurement precision and signal integrity of the internal transmission circuit of the high frequency CB. And use of back-drilling with Via In Pad Plated Over(VIPPO) structure can eliminate influence of stubs on signal transmission

Keel: en
Alusdokumendid: prEN IEC 61189-3-720:2025; 91/2081/CDV

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN IEC 63567-1:2025
Semiconductor devices - Performance evaluation of semiconductor processing components and inspection equipment - Part 1: Transmittance evaluation method of EUV pellicle

This part of IEC 63567-1 proposes a method of measuring the transmittance of extreme ultraviolet (EUV) pellicle used for extreme ultraviolet lithography (EUVL) and provides guidelines on the conditions of the transmittance measurement instrument using EUV with a short wavelength and methods for calculating EUV transmittance. The scope of this document applies to all types of membranes attached to the front side of a reflective mask (or reflective reticle) used in EUVL to physically protect the reflective mask from contaminant particles generated inside the chamber during EUV exposure.

Keel: en
Alusdokumendid: 47/2976/CDV; prEN IEC 63567-1:2025

Arvamusküsitluse lõppkuupäev: 28.02.2026

33 SIDETEHNIKA

EN 61300-2-9:2017/prA1:2025
Amendment 1 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-9: Tests - Shock

Amendment to EN 61300-2-9:2017

Keel: en
Alusdokumendid: EN 61300-2-9:2017/prA1:2025; 86B/5147/CDV
Muudab dokumenti: EVS-EN 61300-2-9:2017

Arvamusküsitluse lõppkuupäev: 29.01.2026

prEN 301 843-1 V2.3.0

ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services; Part 1: Common technical requirements

The present document contains the common requirements for marine radio communications and radio determination equipment and associated ancillary equipment operating from any combination of internal batteries, DC and single phase AC, in respect of ElectroMagnetic Compatibility (EMC). The provisions of the present document apply to marine radio equipment not covered in the scope of the Council Directive on marine equipment (the "Marine Equipment Directive" 2014/90/EU). Product dependent arrangements necessary to perform the EMC tests on dedicated types of marine radio communications and radio determination equipment, and the assessment of test results, are detailed in the appropriate product related parts of the present document. The present document, together with the product related part, specifies the applicable EMC tests, the methods of measurement, the limits and the performance criteria for marine radio equipment and associated ancillary equipment. In case of differences (for instance concerning special conditions, definitions, abbreviation) between the present document and the relevant product related part of the present document, the product related part takes precedence. For the further content of the present document, the expression "radio equipment" is taken to mean marine radio communications or radio determination equipment, in each individual case. Technical specifications related to the antenna port of radio equipment and emissions from the enclosure port of radio equipment and combinations of radio and associated ancillary equipment are not included in the present document. Such technical specifications are normally found in the relevant product standards for the effective use of the radio spectrum. The environment classification used in the present document is maritime, as defined in EN IEC 60945. Marine radio communications equipment meeting the EMC requirements set out in EN IEC 61000-6-3 and EN 61000-6-1 is deemed to meet also the EMC requirements for the maritime environment described in EN IEC 60945. The EMC requirements have been selected to ensure an adequate level of compatibility for apparatus intended to be used in the maritime environment. The levels, however, do not cover extreme cases which may occur in any location but with low probability of occurrence.

Keel: en
Alusdokumendid: Draft ETSI EN 301 843-1 V2.3.0

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 301 843-2 V2.2.2

Mereside raadioseadmete ja teenuste elektromagnetilise ühilduvuse (EMC) standard; Elektromagnetilise ühilduvuse harmoneeritud standard; Osa 2: Eritingimused VHF raadiotelefoni saatjatele ja vastuvõtjatele, mis töötavad sagedusalas 156 MHz kuni 174 MHz
ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services; Harmonised Standard for electromagnetic compatibility; Part 2: Specific conditions for VHF radiotelephone transmitters and receivers operating in the frequency range 156 MHz to 174 MHz

The present document covers the assessment of VHF radiotelephone transmitters and receivers for the maritime mobile service operating in the frequency range 156 MHz to 174 MHz, and ancillary equipment in respect of ElectroMagnetic Compatibility (EMC) intended to be used in a marine environment. Technical specifications related to the antenna port and emissions from the enclosure port of marine radiotelephone transmitters and receivers are not included in the present document. Such technical specifications are found in the related product standards for the effective use of the radio spectrum. The present document specifies the applicable test conditions, performance assessment, and performance criteria for VHF radiotelephone transmitters and receivers for the maritime mobile service, and associated ancillary equipment. NOTE: The relationship between the present document and essential requirements of article 3.1b of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: Draft ETSI EN 301 843-2 V2.2.2

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 301 843-8 V1.0.0

Mereside raadioseadmete ja teenuste elektromagnetilise ühilduvuse (EMC) standard; Elektromagnetilise ühilduvuse harmoneeritud standard; Osa 8: Raadiomajakate ja asukoha määramise seadmete erinõuded
ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services; Harmonised Standard for electromagnetic compatibility; Part 8: Specific conditions for radio beacons and locating devices

The present document covers the assessment of the following maritime radio beacons in respect of ElectroMagnetic Compatibility (EMC): • Emergency Position Indicating Radio Beacons (EPIRBs) operating in the COSPAS-SARSAT satellite system in the UHF band 406,0 MHz to 406,1 MHz and in the maritime VHF band on frequencies 161,975 MHz (AIS1) and 162,025 MHz (AIS2). • Personal Locating Beacons (PLBs) operating in the COSPAS-SARSAT satellite system in the UHF band 406,0 MHz to 406,1 MHz. • Maritime Survivor Locating Devices (MSLDs) operating in the maritime VHF band on frequencies 156,525 MHz (CH 70), 161,975 MHz (AIS1) and 162,025 MHz (AIS2). • Mobile Aids to Navigation (AtoN) operating on 161,975 MHz (AIS1) and 162,025 MHz (AIS2). • Search And Rescue Transmitters (SARTs) operating on 161,975 MHz (AIS1) and 162,025 MHz (AIS2). Any of the above devices may also include homing transmitters operating on 121,5 MHz and/or 243 MHz. These devices may operate stand alone or together with ancillary equipment as a system. Technical specifications related to the antenna port and emissions from the enclosure port of radio beacons are not included in the present document. Such technical specifications are found in the related product standards for the effective use of the radio spectrum. The present document specifies the applicable test conditions, performance assessment, and performance criteria for radio beacons and the associated ancillary equipment. NOTE: The relationship between the present document and essential requirements of article 3.1b of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: Draft ETSI EN 301 843-8 V1.0.0

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 301 908-13 V13.4.0

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

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

The present document applies to the following radio equipment type: • User Equipment for Evolved Universal Terrestrial Radio Access (E-UTRA). This radio equipment type is capable of operating in all or any part of the frequency bands given in tables from 1-1 through 1-5. Table 1-1: E-UTRA UE operating bands E-UTRA Band; Direction of UE transmission/E-UTRA operating bands; Related EC/ECC decision 1; Transmit 1 920 MHz to 1 980 MHz; Receive 2 110 MHz to 2 170 MHz; (EU) 2020/667 and ECC Decision (06)01 3; Transmit 1 710 MHz to 1 785 MHz; Receive 1 805 MHz to 1 880 MHz; (EU) 2022/173 and ECC Decision (06)13 7; Transmit 2 500 MHz to 2 570 MHz; Receive 2 620 MHz to 2 690 MHz; (EU) 2020/636 and ECC Decision (05)05 8; Transmit 880 MHz to 915 MHz; Receive 925 MHz to 960 MHz; (EU) 2022/173 and ECC Decision (06)13 20; Transmit 832 MHz to 862 MHz; Receive 791 MHz to 821 MHz; 2010/267/EU and ECC Decision (09)03 22; Transmit 3 410 MHz to 3 490 MHz; Receive 3 510 MHz to 3 590 MHz; (EU) 2019/235 and ECC Decision (11)06 28 (see note 6); Transmit 703 MHz to 748 MHz; Receive 758 MHz to 803 MHz; (EU) 2016/687 and ECC Decision (15)01 31; Transmit 452,5 MHz to 457,5 MHz; Receive 462,5 MHz to 467,5 MHz; ECC Decision (19)02 32 (see note 1)(see note 2); Transmit N/A; Receive 1 452 MHz to 1 496 MHz; (EU) 2018/661 and ECC Decision (13)03 33; Transmit and Receive 1 900 MHz to 1 920 MHz; ECC Decision (06)01 34; Transmit and Receive 2 010 MHz to 2 025 MHz; ECC Decision (06)01 38; Transmit and Receive 2 570 MHz to 2 620 MHz; (EU) 2020/636 and ECC Decision (05)05 40; Transmit and Receive 2 300 MHz to 2 400 MHz; ECC Decision (14)02 41 (note 7); Transmit and Receive 2 496 MHz to 2 690 MHz; (EU) 2020/636 and ECC Decision (05)05 42; Transmit and Receive 3 400 MHz to 3 600 MHz; (EU) 2019/235 and ECC Decision (11)06 43; Transmit and Receive 3 600 MHz to 3 800 MHz; (EU) 2019/235 and ECC Decision (11)06 46 (see note 3) (see note 4); Transmit and Receive 5 150 MHz to 5 925 MHz; (EU) 2022/179 and ECC Decision (04)08 65 (see note 5); Transmit 1 920 MHz to 2 010 MHz; Receive 2 110 MHz to 2 200 MHz; (EU) 2020/667, ECC Decision (06)01 and ECC Decision (06)09 67; Transmit N/A; Receive 738 MHz to 758 MHz; (EU) 2016/687 and ECC Decision (15)01 68; Transmit 698 MHz to 728 MHz; Receive 753 MHz to 783 MHz; (EU) 2016/687 and ECC Decision (15)01 69 (see note 1); Transmit N/A; Receive 2 570 MHz to 2 620 MHz; (EU) 2020/636 and ECC Decision (05)05 72; Transmit 451 MHz to 456 MHz; Receive 461 MHz to 466 MHz; ECC Decision (19)02 87; Transmit 410 MHz to 415 MHz; Receive 420 MHz to 425 MHz; ECC Decision (19)02 88; Transmit 412 MHz to 417 MHz; Receive 422 MHz to 427 MHz; ECC Decision (19)02 E-UTRA Band; Direction of UE transmission; E-UTRA operating bands; Related EC/ECC decision NOTE 1: Restricted to E-UTRA operation when carrier aggregation is configured. The downlink operating band is paired with the uplink operating band (external) of the carrier aggregation configuration that is supporting the configured Pcell. NOTE 2: In Europe, according to (EU) 2018/661 and ECC Decision (13)03, radio equipment in band 32 operates between 1 452 MHz and 1 492 MHz. NOTE 3: This band is an unlicensed band restricted to licensed-assisted operation using Frame Structure Type 3. In Europe according to (EU) 2022/179 and ECC Decision (04)08, radio equipment in band 46 operates between 5 150 MHz and 5 725 MHz as in table 1-1A. NOTE 4: In this version of the present document, restricted to E-UTRA DL operation when carrier aggregation is configured. NOTE 5: A UE that complies with the E-UTRA Band 65 minimum requirements in the present document also complies with the E-UTRA Band 1 minimum requirements. This band includes two frequency ranges that are harmonised in Europe: a) According to (EU) 2020/667 and ECC Decision (06)01, radio equipment in band n65 operates between 2 110 MHz and 2 170 MHz for the transmitter (FDL_low = 2 110 MHz and FDL_high = 2 170 MHz), and between 1 920 MHz and 1 980 MHz for the receiver (FUL_low = 1 920 MHz and FUL_high = 1 980 MHz). b) Based

Keel: en
Alusdokumendid: Draft ETSI EN 301 908-13 V13.4.0

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 302 326-2 V2.2.0

Paiksed raadiosidesüsteemid; Mitmikpunktside seadmed ja antennid; Osa 2. Raadiospektrile juurdepääsu harmoneeritud standard

Fixed Radio Systems; Multipoint Equipment and Antennas; Part 2: Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements applicable to radio equipment used in MultiPoint (MP) Digital Fixed Radio Systems (DFRS) designed for use in the following sub-ranges (see note 2): • 30 MHz to 1 GHz. • 1 GHz to 3 GHz. • 3 GHz to 11 GHz. • 24,25 GHz to 29,5 GHz. • 31,0 GHz to 33,4 GHz. • 40,5 GHz to 43,5 GHz. NOTE 1: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in Annex A. NOTE 2: For more information on the applicable frequency bands, refer to Annex F. The present document is applicable to multipoint radio system equipment using any arbitrary access method. It applies to all equipment composing the MP systems, i.e. to Central Station (CS), Terminal Station (TS) and Repeater Station (RS). Time Division Duplex (TDD) or Frequency Division Duplex (FDD or H-FDD) can be used on an equivalent basis. Equipment are classified according to one set of Equipment Classification (EqC) (summarized in clause C.4). The EqC set of the equipment under assessment is indicated in the technical documentation (see note 3). Equipment not fitting any of the set of EqC provided by Annex C are not in the scope of the present document. NOTE 3: See definition in clause 3.2. Equipment providing undetachable antennas or providing active antennas (eventually requiring radiated test procedures) are not in the scope of the present document (see note 4). NOTE 4: Rationale is that even if antenna characteristics are not relevant for access to radio spectrum of MP fixed radio systems (see technical description in ETSI TR 101 506), the essential equipment parameters are defined at antenna port and their radiated test procedures are not available. For information, the most common types of antennas are standardized in Part 3 of this multi-part deliverable. Systems referring to an EqC with "H" code (see clause C.2.2) as Primary Equipment Classification (PET), implementing an actual FH-CDMA access method with frequency hopping period exceeding 400 ms, are not considered within the scope of the present document. Applications intended for offering in the bands 3,4 GHz to 3,8 GHz the option of Nomadic

Wireless Access (NWA), according to the NWA definition in Recommendation ITU-R F.1399, are not considered in the scope of the present document.

Keel: en
Alusdokumendid: Draft ETSI EN 302 326-2 V2.2.0

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN IEC 61935-4:2025

Specification for the testing of balanced and coaxial information technology cabling - Part 4: Installed balanced single-pair cabling as specified in ISO/IEC 11801-1 and related standards

This part of IEC 61935 specifies reference measurement procedures for balanced single-pair cabling parameters and the requirements for field tester accuracy to measure cabling parameters identified in ISO/IEC 11801-1. References in this standard to ISO/IEC 11801-1 mean ISO/IEC 11801-1 and related standards. This standard is organized as follows: • reference laboratory measurement procedures on cabling topologies are specified in clause 4. In some cases, these procedures may be used in the field; • descriptions and requirements for measurements in the field are specified in clause 5; • performance requirements for field testers and procedures to verify performance are specified in clause 6. NOTE 1 This standard does not include tests that are normally performed on cables and connectors separately. Tests performed on cables and connectors are described in IEC 61156-1 and IEC 60512-28-100, respectively. NOTE 2 Users of this standard are advised to consult with applications standards, equipment manufacturers and system integrators to determine the suitability of these requirements for specific networking applications. Wherever possible, cables and connectors used in cable assemblies, even if they are not described in the IEC 61156 or the IEC 63171 series, should be tested separately according to the parameters given in the ISO/IEC 11801 series. This standard is based on cabling with a characteristic impedance of 100 Ω. For cabling with another characteristic impedance, the same principles apply but the measurement system should correspond to the nominal characteristic impedance level unless the intended application references 100 Ohm cabling. Field tester types include certification, qualification and verification test equipment. Certification testing is performed to the requirements of this standard. Qualification testing determines whether the cabling will support certain network applications (e.g. 10BASE-T1L, 100BASE-T1, 1000BASE-T1, 2.5G/5G/10GBASE-T1). Qualification testers do not have traceable accuracy to national standards and only provide confidence that specific applications will work. Verification testers only verify connectivity.

Keel: en
Alusdokumendid: 46/1071/CDV; prEN IEC 61935-4:2025

Arvamusküsitluse lõppkuupäev: 28.02.2026

35 INFOTEHNOLOOGIA

EN ISO 17573-3:2024/prA1:2025

Electronic fee collection - System architecture for vehicle-related tolling - Part 3: Data dictionary - Amendment 1 (ISO/DIS 17573-3:2024/DAmd1 :2025)

Amendment to EN ISO 17573-3:2024

Keel: en
Alusdokumendid: ISO 17573-3:2024/DAmd 1; EN ISO 17573-3:2024/prA1:2025
Muudab dokumenti: EVS-EN ISO 17573-3:2024

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 18235-2

Trusted data transactions - Part 2: Trustworthiness requirements

This document provides trustworthiness requirements and guidance for data space participants in support of trusted data transactions. Specifically, it defines a set of foundational principles for trusted data transactions, and establishes general requirements and guidance that apply to all phases of a trusted data transaction, and specific requirements for each phase of a trusted data transaction. This document applies to all types of organizations participating in data spaces, regardless of their type or size.

Keel: en
Alusdokumendid: prEN 18235-2

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 40000-1-3

Cybersecurity requirements for products with digital elements - Part 1-3: Vulnerability Handling

This standards shall provide specifications applicable to vulnerability handling processes, covering all relevant product categories, to be put in place by manufacturers of the products with digital elements. Those processes shall at least allow to: (a) identify and document vulnerabilities and components contained in the product, including by drawing up a software bill of materials in a commonly used and machinereadable format covering at the very least the top-level dependencies of the product; (b) in relation to the risks posed to the products with digital elements, address and remediate vulnerabilities without delay, including by providing security updates; where technically feasible, new security updates shall be provided separately from functionality updates; (c) apply effective and regular tests and reviews of the security of the product with digital elements; (d) once a security update has been made available, share and publicly disclose information about fixed vulnerabilities, including a description of the vulnerabilities, information allowing users to identify the product with digital elements affected, the impacts of the vulnerabilities, their severity and clear and accessible information helping users to remediate the vulnerabilities; in duly justified cases, where manufacturers consider the security risks of publication to outweigh the security benefits, they may delay making public information

regarding a fixed vulnerability until after users have been given the possibility to apply the relevant patch; (e) put in place and enforce a policy on coordinated vulnerability disclosure; (f) take measures to facilitate the sharing of information about potential vulnerabilities in their product with digital elements as well as in third party components contained in that product, including by providing a standardised contact address for the reporting of the vulnerabilities discovered in the product with digital elements; (g) provide for mechanisms to securely distribute updates for products with digital elements to ensure that vulnerabilities are fixed or mitigated in a timely manner, and, where applicable for security updates, in an automatic manner; (h) ensure that, where security updates are available to address identified security issues, they are disseminated without delay and, unless otherwise agreed between manufacturer and business user in relation to a tailor-made product with digital elements, free of charge, accompanied by advisory messages providing users with the relevant information, including on potential action to be taken.

Keel: en
Alusdokumendid: prEN 40000-1-3

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 14907-1

Electronic fee collection - Test procedures for user and fixed equipment - Part 1: Description of test procedures (ISO/DIS 14907-1:2025)

This document specifies the test procedures of electronic fee collection (EFC) roadside equipment (RSE) and on-board equipment (OBE) with regard to the conformance to standards and requirements for type approval and acceptance testing which is within the realm of EFC application specifically. The scope of this document is restricted to systems operating within the radio emission, electromagnetic compatibility (EMC) regulations, traffic, and other regulations of the countries in which they are operated. This document identifies a set of suitable parameters and provides test procedures to enable the proof of a complete EFC system, as well as components of an EFC system, e.g. OBE, related to the defined requirements of an application. The defined parameter and tests are assigned to the following groups of parameters: — functionality; — quality; — referenced pre-tests. An overview of the tests and parameters provided by this document is given in 5.1 and 5.2. This document describes procedures, methods and tools, and a test plan which shows the relation between all tests and the sequence of these tests. It lists all tests that are required to measure the performance of EFC equipment. It describes which EFC equipment is covered by the test procedures; the values of the parameters to be tested are not included. It also describes how the tests are to be performed and which tools and prerequisites are necessary before this series of tests can be undertaken. It is assumed that the security of the system is inherent in the communications and EFC functionality tests, therefore they are not addressed here. All tests in this document provide instructions to evaluate the test results. This document defines only the tests and test procedures, not the benchmark figures that these are to be measured against. The test procedures defined in this document can be used as input, e.g. by scheme owners, for prototype testing, type approvals, tests of installations and periodic inspections. Related to a conceptual model of an EFC system, this document relates only to the equipment of the user and the service provider. Any other entities are outside the scope of document. EFC systems for dedicated short-range communication (DSRC) consist, in principle, of a group of technical components, which in combination fulfil the functions required for the collection of fees by electronic automatic means. These components comprise all, or most, of the following: — OBE within a vehicle; — OBE containing the communications and computing sub-functions; — optional integrated circuit card which may carry electronic money, service rights, and other secured information; — communication between OBE and RSE based on DSRC; — equipment for the fee collection at the RSE containing the communications and computing sub-functions; — equipment for the enforcement at the roadside; — central equipment for the administration and operation of the system. The scope of this document relates solely to OBE and RSE and the DSRC interface between OBE and RSE including its functions to perform the fee collection. All the equipment used for enforcement (e.g. detection, classification, localization, and registration) and central equipment are outside the scope of this document.

Keel: en
Alusdokumendid: ISO/DIS 14907-1; prEN ISO 14907-1
Asendab dokumenti: EVS-EN ISO 14907-1:2020

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 17573-1

Electronic fee collection - System architecture for vehicle-related tolling - Part 1: Reference model (ISO/DIS 17573-1:2025)

This document defines the architecture of electronic fee collection (EFC) system environments, in which a customer with one contract may use a vehicle in a variety of toll domains with a different toll charger for each domain. EFC systems conforming to this document can be used for various purposes including road (network) tolling, area tolling, collecting fees for the usage of bridges, tunnels, ferries, for access or for parking. From a technical point of view the considered toll systems may identify vehicles subject to tolling by means of electronic equipment on-board in a vehicle or by other means (e.g. automatic number plate recognition, ANPR). From a process point of view the architectural description focuses on toll determination, toll charging, and the associated enforcement measures. The actual collection of the toll, i.e. collecting payments, is outside of the scope of this document. The architecture in this document is defined with no more details than required for an overall overview, a common language, an identification of the need for and interactions among other standards, and the drafting of these standards. This document as a whole provides: — the enterprise view on the architecture, which is concerned with the purpose, scope and policies governing the activities of the specified system within the organization of which it is a part; — the terms and definitions for common use in an EFC environment; — a decomposition of the EFC systems environment into its main enterprise objects; — the roles and responsibilities of the main actors. This document does not impose that all roles perform all indicated responsibilities. It should also be clear that the responsibilities of a role may be shared between two or more actors. Mandating the performance of certain responsibilities is the task of standards derived from this architecture; — identification of the provided services by means of action diagrams that underline the needed standardised exchanges; — identification of the interoperability interfaces for EFC systems, in specialised standards (specified or to be specified).

Keel: en
Alusdokumendid: ISO/DIS 17573-1; prEN ISO 17573-1
Asendab dokumenti: EVS-EN ISO 17573-1:2019

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 22123-3
Information technology - Cloud computing - Part 3: Reference architecture (ISO/IEC 22123-3:2023)

This document specifies the cloud computing reference architecture (CCRA).

Keel: en
Alusdokumendid: prEN ISO 22123-3; ISO/IEC 22123-3:2023
Asendab dokumenti: EVS-ISO/IEC 22123-3:2025

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO/IEC 25059
Software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Quality models for AI systems (ISO/IEC DIS 25059:2025)

This document outlines quality models for AI systems and services and is an applicationspecific extension to the standards on SQuaRE. The characteristics and sub-characteristics detailed in the models provide consistent terminology for specifying, measuring and evaluating AI system and service quality. The characteristics and sub-characteristics detailed in the models also provide a set of quality characteristics against which stated quality requirements can be compared for completeness.

Keel: en
Alusdokumendid: ISO/IEC DIS 25059; prEN ISO/IEC 25059
Asendab dokumenti: EVS-EN ISO/IEC 25059:2024

Arvamusküsitluse lõppkuupäev: 28.02.2026

43 MAANTEESÕIDUKITE EHITUS

prEN 12805
LPG equipment and accessories - Automotive LPG components - Containers

This document defines the requirements for design, manufacturing and testing of welded steel automotive Liquefied Petroleum Gas (LPG) containers, to be permanently attached to a motor vehicle, where the automotive LPG is to be used as a fuel in the vehicle.

Keel: en
Alusdokumendid: prEN 12805
Asendab dokumenti: EVS-EN 12805:2002

Arvamusküsitluse lõppkuupäev: 28.02.2026

45 RAUDTEETEHNIKA

prEN IEC 61375-2-3:2025
Electronic railway equipment - Train communication network (TCN) - Part 2-3: TCN communication profile

This part of IEC 61375 specifies rules for the data exchange between consists in trains. The aggregation of these rules defines the TCN communication profile. The objective of the communication profile is to ensure interoperability between consists of the said trains with respect to the exchange of information. For this it defines all those items which are necessary for communication interoperability: – an architecture with defined train directions related to different train views; – a common functional addressing concept; – common communication protocol for data exchange between functions; – a set of services for train communication control. As a restriction, this communication profile is adhered to the Ethernet Train Backbone (ETB) technology as defined in IEC 61375-2-5 [1]. Towards the consist networks, a more abstract interface is defined which does not restrict the appliance of any consist network technology as for instance MVB (IEC 61375-3-1 [14]), CANOpen (IEC 61375-3-3 [15]) or ECN (IEC 61375-3-4 [16]). It is not within the scope of the communication profile to define application data content and its meaning (e.g. syntax and semantics). This is within the responsibility of the application profiles. Namely two application profiles are explicitly supported as shown in Figure 1: the TCMS application profile as defined in IEC TS 61375-2-4 [2], and the onboard multimedia and telematic subsystem (OMTS) related application profiles as defined in the IEC 62580 (all parts) [17]

Keel: en
Alusdokumendid: prEN IEC 61375-2-3:2025; 9/3292/CDV
Asendab dokumenti: EVS-EN 61375-2-3:2015
Asendab dokumenti: EVS-EN 61375-2-3:2015/A11:2017
Asendab dokumenti: EVS-EN 61375-2-3:2015/AC:2016
Asendab dokumenti: EVS-EN 61375-2-3:2015/AC2:2016

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN IEC 61375-2-5:2025

Electronic railway equipment - Train communication network (TCN) - Part 2-5: Ethernet train backbone

This part of IEC 61375 defines Ethernet Train Backbone (ETB) requirements to fulfil an open train data communication system based on Ethernet technology. Respect of this document ensures interoperability between local consist subnets regardless of the consist network technology used (see IEC 61375-1 for more details).All consist network definitions take into account this document to preserve interoperability. This document is also applicable to closed trains and multiple-unit trains when so agreed between purchaser and supplier.

Keel: en
Alusdokumendid: prEN IEC 61375-2-5:2025; 9/3291/CDV
Asendab dokumenti: EVS-EN 61375-2-5:2015

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN IEC 63495-1:2025

Railway application - Interoperability and safety requirements for dynamic wireless power transfer systems - Part 1: General requirements

This document specifies the definition and general requirements for the interoperability and safety of dynamic wireless power transfer (D-WPT) for railways via magnetic field (MF-WPT) to electric railway rolling stock in motion or stationary for the purpose of supplying electric energy to motor or energy storage system. Interoperability requirements include the capacity, efficiency, frequency and communication of wireless power transfer. Safety requirements include electrical safety and electromagnetic safety. Electrical safety includes the stored energy, touch current and insulation resistance. Electromagnetic safety includes electromagnetic field (EMF) safety with human bodies and electromagnetic interference (EMI) to devices. Other parts with specific requirements are under discussion

Keel: en
Alusdokumendid: prEN IEC 63495-1:2025; 9/3288/CDV

Arvamusküsitluse lõppkuupäev: 28.02.2026

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 2591-217

Aerospace series - Elements of electrical and optical connection - Test methods - Part 217: Voltage drop under specified current for terminal lugs and in-line splices

This document specifies a method for measuring the voltage drop under specified current in terminal lugs and in-line splices. It is used together with EN 2591-100.

Keel: en
Alusdokumendid: prEN 2591-217
Asendab dokumenti: EVS-EN 2591-217:2002

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 2591-218

Aerospace series - Elements of electrical and optical connection - Test methods - Part 218 : Ageing of terminal lugs and in-line splices by temperature and current cycling

This document specifies a method for ageing terminal lugs and in-line splices by temperature and current cycling. It is used together with EN 2591-100.

Keel: en
Alusdokumendid: prEN 2591-218
Asendab dokumenti: EVS-EN 2591-218:2002

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 2948

Aerospace series - Washers, tab, in heat resisting steel, passivated

This document specifies the characteristics of tab washers, in heat resisting steel, passivated, for maximum operating temperature 650 °C, for aerospace applications. Their use under hexagon head bolts is conditional upon the user accepting the possibility of some interference.

Keel: en
Alusdokumendid: prEN 2948
Asendab dokumenti: EVS-EN 2948:2000

Arvamusküsitluse lõppkuupäev: 28.02.2026

53 TÕSTE- JA TEISALDUS-SEADMED

prEN ISO 24882
Agricultural machinery, tractors, and earth-moving machinery - Product cybersecurity (ISO/DIS 24882:2025)

This document specifies engineering requirements for cybersecurity risk assessment regarding concept, product development, production, operation, maintenance and decommissioning of electrical and electronic (E/E) systems in Agricultural Machinery & Tractors, including their components and interfaces. A framework is defined that includes requirements for cybersecurity processes and a common language for communicating and managing cybersecurity risk.

Keel: en
Alusdokumendid: ISO/DIS 24882; prEN ISO 24882

Arvamusküsitluse lõppkuupäev: 28.02.2026

65 PÕLLUMAJANDUS

prEN 13040-2
Soil improvers and growing media - Sample preparation - Part 2: Sample preparation for microbiological examination

This document specifies the general requirements for the preparation of samples and initial suspensions prior to microbiological examinations of soil improvers and growing media. This method is intended especially for sample preparation prior to microbiological examinations of e.g. E. coli, Salmonella spp. and Enterococcaceae. Because of the large variety of soil improvers and growing media, this method might not be appropriate in every detail for certain materials. This method might not be appropriate in every detail for certain products. In this case, different methods which are specific to these products can be used if necessary, for justified technical reasons.

Keel: en
Alusdokumendid: prEN 13040-2

Arvamusküsitluse lõppkuupäev: 29.01.2026

prEN 15925
Inorganic fertilizers - Extraction of total sulfur present in various forms

This document specifies a method for the extraction of the total sulfur contained in fertilizers in elemental form and/or in other chemical combinations. The method is applicable to inorganic fertilizers for which a declaration of the total sulfur present in various forms (elemental, thiosulfate, sulfite, sulfate) is provided.

Keel: en
Alusdokumendid: prEN 15925
Asendab dokumenti: EVS-EN 15925:2011

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 15956
Inorganic fertilizers - Extraction of phosphorus soluble in mineral acids

This document specifies a method for the extraction of phosphorus soluble in mineral acids in inorganic fertilizers.

Keel: en
Alusdokumendid: prEN 15956
Asendab dokumenti: EVS-EN 15956:2011

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 15957
Inorganic fertilizers - Extraction of phosphorus which is soluble in neutral ammonium citrate

This document specifies a method for the extraction of phosphorus soluble in neutral ammonium citrate in inorganic fertilizers.

Keel: en
Alusdokumendid: prEN 15957
Asendab dokumenti: EVS-EN 15957:2011

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 15960
Inorganic fertilizers - Extraction of total calcium, total magnesium, total sodium and total sulfur in the forms of sulfates

This document specifies a method applicable to inorganic fertilizers for the extraction with diluted mineral acid of total calcium, total magnesium and total sodium and for the extraction of total sulfur present in the form of sulfates, so that the same extract may be used for the determination of each nutrient required.

Keel: en
Alusdokumendid: prEN 15960

Asendab dokumenti: EVS-EN 15960:2011

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 15961

Inorganic fertilizers - Extraction of water-soluble calcium, magnesium, sodium and sulfur in the form of sulfates

This document specifies a method for the extraction of water-soluble calcium, magnesium, sodium and sulfur (in the form of sulfates), so that the same extract can be used for the determination of each nutrient required. This document is applicable to inorganic fertilizers.

Keel: en
Alusdokumendid: prEN 15961
Asendab dokumenti: EVS-EN 15961:2017

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 17729

Soil improvers - Methods for the determination of the dry matter, quantity, copper, zinc, chloride, nitrogen, P2O5 and K2O content

This document provides an overview of relevant methods for the determination of specific parameters in solid soil improvers, including: — dry matter content; — quantity; — copper and zinc content; — chloride content; — nitrogen content; — P2O5 (phosphorus pentoxide) and K2O (potassium oxide) content. This document is applicable to the fertilizing product blends where a blend is a mix of two or more fertilising products belonging to the categories of fertilizers, liming material, soil improvers, growing media, inhibitors and plant biostimulants, and where soil improvers and/or growing media are the components with the highest percentage in the blend by mass or volume, or in the case of products in liquid form by dry mass. If the soil improvers and/or growing media are not the components with the highest percentage in the blend, the European Standard relevant to the component with the highest percentage in the blend applies. In case a blend is composed of fertilising products mixed in equal quantities, the user of the standard decides which standard to apply. NOTE A soil improver consists of a single bulky (volume-building) component or a mix of bulky (volume-building) components (for example peat, wood fibres, coconut coir, compost, expanded perlite).

Keel: en
Alusdokumendid: prEN 17729
Asendab dokumenti: CEN/TS 17729:2022

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 17733

Soil improvers and growing media - Methods for sampling and sample preparation

This document specifies references to methods for sampling of soil improvers and growing media and sample preparation of soil improvers and growing media for subsequent determination of quality and quantity. This document is applicable to the fertilizing product blends where a blend is a mix of two or more fertilising products belonging to the categories of fertilizers, liming material, soil improvers, growing media, inhibitors and plant biostimulants, and where soil improvers and/or growing media are the components with the highest percentage in the blend by mass or volume, or in the case of products in liquid form by dry mass. If the soil improvers and/or growing media are not the components with the highest percentage in the blend, the European Standard relevant to the component with the highest percentage in the blend applies. In case a blend is composed of fertilising products mixed in equal quantities, the user of the standard decides which standard to apply. NOTE A soil improver or a growing medium consists of a single bulky (volume-building) component or a mix of bulky (volume-building) components (for example peat, wood fibres, coconut coir, compost, expanded perlite).

Keel: en
Alusdokumendid: prEN 17733
Asendab dokumenti: CEN/TS 17733:2022

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN 17766

Organic and organo-mineral fertilizers - Extraction by water for subsequent determination of elements

This document specifies the procedure for extraction of different organic and organo-mineral fertilizers with water to enable a subsequent determination of boron (B), cobalt (Co), copper (Cu), iron (Fe), manganese (Mn), molybdenum (Mo), phosphorous (P) and zinc (Zn). NOTE Extracts prepared by the procedure given in this document can also be applied for determination of other elements. This document is applicable to the fertilizing products blends where a blend is a mix of at least two of the following components: fertilizers, liming materials, soil improvers, growing media, inhibitors, plant biostimulants, and where the following category: organic fertilizers, organo-mineral fertilizers is the highest % in the blend by mass or volume, or in the case of liquid form by dry mass. If the organic fertilizer or the organo-mineral fertilizer is not the highest % in the blend, the European Standard for the highest % of the blend applies. In case a fertilizing product blend is composed of components in equal quantity, the user decides which standard to apply. Variations in analytical methods for fertilizing product blends can lead to differing results as some components or matrix interactions can affect the outcome. Validation procedures have shown that developed standard methods are robust and reliable across diverse product compositions, but possible interferences and unexpected results when analysing fertilizing product blends are possible.

Keel: en

Alusdokumendid: prEN 17766
Asendab dokumenti: CEN/TS 17766:2022

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 24882

Agricultural machinery, tractors, and earth-moving machinery - Product cybersecurity (ISO/DIS 24882:2025)

This document specifies engineering requirements for cybersecurity risk assessment regarding concept, product development, production, operation, maintenance and decommissioning of electrical and electronic (E/E) systems in Agricultural Machinery & Tractors, including their components and interfaces. A framework is defined that includes requirements for cybersecurity processes and a common language for communicating and managing cybersecurity risk.

Keel: en
Alusdokumendid: ISO/DIS 24882; prEN ISO 24882

Arvamusküsitluse lõppkuupäev: 28.02.2026

67 TOIDUAINETE TEHNOLOOGIA

prEN ISO 8442-1

Materials and articles in contact with foodstuffs - Cutlery and table holloware - Part 1: Requirements for cutlery for the preparation of food (ISO/DIS 8442-1:2025)

This document specifies material and performance requirements and test methods for knives with metal blades intended for use in the preparation of food in household or commercial kitchens as well as in slaughtering facilities. This document does not apply for hunting knives, pocket knives, razors, utility or tool knives (with trapezoidal blade for cutting carpets etc.). This document does not apply for ceramic knifes, which are covered by ISO 8442-9.

Keel: en
Alusdokumendid: prEN ISO 8442-1; ISO/DIS 8442-1:2025
Asendab dokumenti: EVS-EN ISO 8442-1:2000

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 8589

Sensory analysis - General guidance for the design of test rooms (ISO/DIS 8589:2025)

ISO 8589 provides general guidance for the design of test rooms intended for the sensory analysis of products. It describes the requirements to set up a test room comprising a testing area, a preparation area, and an office, specifying those that are essential or those that are merely desirable. ISO 8589 is not specific for any product or test type. Although many of the general principles are similar, ISO 8589 does not address test facilities for the specialized examination of products in inspection or in-plant quality-control applications.

Keel: en
Alusdokumendid: ISO/DIS 8589; prEN ISO 8589
Asendab dokumenti: EVS-EN ISO 8589:2010
Asendab dokumenti: EVS-EN ISO 8589:2010/A1:2014

Arvamusküsitluse lõppkuupäev: 28.02.2026

71 KEEMILINE TEHNOLOOGIA

prEN ISO 10298

Gas cylinders - Gases and gas mixtures - Determination of toxicity for the selection of cylinder valve outlets (ISO/DIS 10298:2025)

This document lists the best available acute-toxicity data of gases taken from a search of the current literature to allow the classification of gases and gas mixtures for toxicity by inhalation.

Keel: en
Alusdokumendid: ISO/DIS 10298; prEN ISO 10298
Asendab dokumenti: EVS-EN ISO 10298:2020
Asendab dokumenti: EVS-EN ISO 10298:2020/A1:2022

Arvamusküsitluse lõppkuupäev: 28.02.2026

75 NAFTA JA NAFTATEHNOLOOGIA

prEN ISO 15156-1

Oil and gas industries including lower carbon energy - Materials for use in H2S-containing environments in oil and gas production - Part 1: Materials and materials processing requirements (ISO/DIS 15156-1:2025)

This document describes general principles and gives requirements and recommendations for the selection and qualification of metallic materials for service in equipment used in oil and gas production and in natural-gas sweetening plants in H2S-containing

environments, where the failure of such equipment can pose a risk to the health and safety of the public and personnel or to the environment. It can be applied to help to avoid costly corrosion damage to the equipment itself. It supplements, but does not replace, the materials requirements given in the appropriate design codes, standards, or regulations. This document addresses all mechanisms of cracking that can be caused by H2S, including sulfide stress cracking, stress corrosion cracking, hydrogen-induced cracking and stepwise cracking, stress-oriented hydrogen-induced cracking, soft zone cracking, and galvanically induced hydrogen stress cracking. Table 1 provides a non-exhaustive list of equipment to which this document is applicable, including exclusions. This document applies to the qualification and selection of materials for equipment designed and constructed using load controlled design methods. For design utilizing strain-based design methods, see Clause 5. This document is not necessarily applicable to equipment used in refining or downstream processes and equipment.

Keel: en
Alusdokumendid: ISO/DIS 15156-1; prEN ISO 15156-1
Asendab dokumenti: EVS-EN ISO 15156-1:2020

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 15156-2

Oil and gas industries including lower carbon energy - Materials for use in H2S-containing environments in oil and gas production - Part 2: Service environment assessment and material selection (ISO/DIS 15156-2:2025)

This document gives requirements and recommendations for the selection and qualification of carbon and low-alloy steels for service in equipment used in oil and natural gas production and natural gas treatment plants in H2S-containing environments, whose failure can pose a risk to the health and safety of the public and personnel or to the environment. It can be applied to help to avoid costly corrosion damage to the equipment itself. It supplements, but does not replace, the materials requirements of the appropriate design codes, standards or regulations. This document addresses the resistance of these steels to damage that can be caused by sulfide stress cracking (SSC) and the related phenomena of stress-oriented hydrogen-induced cracking (SOHIC) and soft-zone cracking (SZC). This document also addresses the resistance of these steels to hydrogen-induced cracking (HIC) and its possible development into stepwise cracking (SWC). This document is concerned only with cracking. Loss of material by general (mass loss) or localized corrosion is not addressed. Table 1 provides a non-exhaustive list of equipment to which this document is applicable, including exclusions. This document applies to the qualification and selection of materials for equipment designed and constructed using load controlled design methods. For design utilizing strain-based design methods, see ISO 15156-1:2020, Clause 5. Annex A lists SSC-resistant carbon and low alloy steels, and A.2.4 includes requirements for the use of cast irons. This document is not necessarily suitable for application to equipment used in refining or downstream processes and equipment.

Keel: en
Alusdokumendid: ISO/DIS 15156-2; prEN ISO 15156-2
Asendab dokumenti: EVS-EN ISO 15156-2:2020

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 15156-3

Oil and gas industries including lower carbon energy - Materials for use in H2S-containing environments in oil and gas production - Part 3: Verification, qualification and balloting requirements (ISO/DIS 15156-3:2025)

This document gives requirements and recommendations for the selection and qualification of CRAs (corrosion-resistant alloys) and other alloys for service in equipment used in oil and natural gas production and natural gas treatment plants in H2S-containing environments whose failure can pose a risk to the health and safety of the public and personnel or to the environment. It can be applied to help avoid costly corrosion damage to the equipment itself. It supplements, but does not replace, the materials requirements of the appropriate design codes, standards, or regulations. This document addresses the resistance of these materials to damage that can be caused by sulfide stress cracking (SSC), stress corrosion cracking (SCC), and galvanically induced hydrogen stress cracking (GHSC). This document is concerned only with cracking. Loss of material by general (mass loss) or localized corrosion is not addressed. Table 1 provides a non-exhaustive list of equipment to which this document is applicable, including exclusions. This document applies to the qualification and selection of materials for equipment designed and constructed using load controlled design methods. For design utilizing strain-based design methods, see ISO 15156-1:2020, Clause 5. This document is not necessarily suitable for application to equipment used in refining or downstream processes and equipment.

Keel: en
Alusdokumendid: ISO/DIS 15156-3; prEN ISO 15156-3
Asendab dokumenti: EVS-EN ISO 15156-3:2020

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 16440

Oil and gas industries including lower carbon energy - Pipeline transportation systems - Design, construction and maintenance of steel cased pipelines (ISO/DIS 16440:2025)

This document specifies requirements, including corrosion protection, for the design, fabrication, installation and maintenance of steel-cased pipelines for pipeline transportation systems in the petroleum and natural gas industries in accordance with ISO 13623. NOTE 1 Steel casings can be used for mechanical protection of pipelines at crossings, such as at roads and railways and the installation of a casing at a highway, railway, or other crossing can be required by the permitting agency or pipeline operator. NOTE 2 This document does not imply that utilization of casings is mandatory or necessary. NOTE 3 This document does not imply that cased crossings, whether electrically isolated or electrically shorted, contribute to corrosion of a carrier pipe within a cased crossing. However, cased crossings can adversely affect the integrity of the carrier pipe by shielding cathodic protection

(CP) current to the carrier pipe or reducing the CP effectiveness on the carrier pipe in the vicinity of the casing. Their use is not recommended unless required by load considerations, unstable soil conditions, or when their use is dictated by sound engineering practices

Keel: en
Alusdokumendid: ISO/DIS 16440; prEN ISO 16440
Asendab dokumenti: EVS-EN ISO 16440:2016

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEVS 884

Gaasitaristu. Projekteerimise põhinõuded üle 16 baarise töörõhuga torustikele
Gas infrastructure - Pipelines for maximum operating pressure over 16 bar - General requirements for design

Standard sätestab ühtsed projekteerimisnõuded üle 16 baarise töörõhuga gaasitorustikele, et tagada gaasitorustike ehitamisel torustike kasutuskindlus, inimeste ohutus, keskkonnakaitse ja õnnetusjuhtumite vältimine. Selle standardi ohutuskujade määramise meetodit võib kasutada olemasoleva üle 16 baarise töörõhuga gaasitorustiku lähedusse rajatavate ehitiste ohutuskujade arvutamisel, kui on uuritud olemasoleva torustiku tehnilist seisundit. Ohutuskuja määramisel varemehitatud üle 16 baarise töörõhuga gaasitorustikest tuleb lähtuda tehnilistest normidest ja standarditest, mida kasutati nende torustike ehitamisel.

Keel: et
Asendab dokumenti: EVS 884:2017

Arvamusküsitluse lõppkuupäev: 28.02.2026

77 METALLURGIA

prEN 485-2

Aluminium and aluminium alloys - Sheet, strip and plate - Part 2: Mechanical properties

This document specifies the mechanical properties of wrought aluminium and wrought aluminium alloy sheet, strip and plate for general engineering applications. It does not apply to semi-finished rolled products in coiled form to be subjected to further rolling (reroll stock) or to special products such as corrugated, embossed, painted, sheets and strips or to special applications such as aerospace, can stock, finstock, for which mechanical properties are specified in separate European Standards. The chemical composition limits of the alloys are specified in EN 573 3. Temper designations are specified in EN 515.

Keel: en
Alusdokumendid: prEN 485-2
Asendab dokumenti: EVS-EN 485-2:2016+A1:2018

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 16440

Oil and gas industries including lower carbon energy - Pipeline transportation systems - Design, construction and maintenance of steel cased pipelines (ISO/DIS 16440:2025)

This document specifies requirements, including corrosion protection, for the design, fabrication, installation and maintenance of steel-cased pipelines for pipeline transportation systems in the petroleum and natural gas industries in accordance with ISO 13623. NOTE 1 Steel casings can be used for mechanical protection of pipelines at crossings, such as at roads and railways and the installation of a casing at a highway, railway, or other crossing can be required by the permitting agency or pipeline operator. NOTE 2 This document does not imply that utilization of casings is mandatory or necessary. NOTE 3 This document does not imply that cased crossings, whether electrically isolated or electrically shorted, contribute to corrosion of a carrier pipe within a cased crossing. However, cased crossings can adversely affect the integrity of the carrier pipe by shielding cathodic protection (CP) current to the carrier pipe or reducing the CP effectiveness on the carrier pipe in the vicinity of the casing. Their use is not recommended unless required by load considerations, unstable soil conditions, or when their use is dictated by sound engineering practices

Keel: en
Alusdokumendid: ISO/DIS 16440; prEN ISO 16440
Asendab dokumenti: EVS-EN ISO 16440:2016

Arvamusküsitluse lõppkuupäev: 28.02.2026

79 PUIDUTEHNOLOOGIA

prEN 717-1

Wood-based panels - Determination of formaldehyde release - Part 1: Formaldehyde emission by the chamber method

This document specifies a chamber method with three options of test chambers for the determination of the formaldehyde emission from wood-based panels in terms of the steady-state concentration in a climate chamber under defined conditions, which relate to typical conditions in real-life. This chamber method can also be applied to the estimation of formaldehyde concentrations under various conditions in practice, by the use of mathematical models. This document can also be used for the testing of formaldehyde emissions of products other than wood-based panels.

Keel: en
Alusdokumendid: prEN 717-1

Asendab dokumenti: EVS-EN 717-1:2004

Arvamusküsitluse lõppkuupäev: 28.02.2026

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

prEN ISO 17947-1

Fine ceramics (advanced ceramics, advanced technical ceramics) - Methods for chemical analysis of silicon nitride powders - Part 1: Wet chemical methods, X-ray fluorescence (XRF) using the fused cast-bead method, carrier-gas hot extraction (CGHE) and combustion methods (ISO/DIS 17947-1:2025)

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

Keel: en
Alusdokumendid: ISO/DIS 17947-1; prEN ISO 17947-1
Asendab dokumenti: EVS-EN ISO 17947:2023

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 23146

Fine ceramics (advanced ceramics, advanced technical ceramics) — Test methods for fracture toughness of monolithic ceramics — Single-edge V-notch beam (SEVNB) method

ISO 23146:2012 specifies a method for the determination of the fracture toughness of advanced technical ceramics. The procedure makes use of single-edge V-notched bars, which are loaded in four-point bending until failure. It is applicable to monolithic ceramics with a grain size or major microstructural feature size larger than about 1 µm. The use of ISO 23146:2012 for yttria tetragonal zirconia polycrystal material (Y-TZP) is not recommended. The method might also be unsuitable for some other very tough or soft ceramics in which a sharp crack does not form at the root of the V-notch.

Keel: en
Alusdokumendid: ISO/DIS 23146; prEN ISO 23146
Asendab dokumenti: EVS-EN ISO 23146:2016

Arvamusküsitluse lõppkuupäev: 28.02.2026

91 EHITUSMATERJALID JA EHITUS

prEN 15316-7-1

Energy performance of buildings - Method for calculation of system energy requirements and system efficiencies - Part 7-1: DHW instantaneous heat recovery- Module M8-13

This calculation module applies to instantaneous domestic hot water heat recovery using a counter-flow heat exchanger between the drain water and the incoming domestic cold water. This module calculates the recovered heat, to be taken into account in the overall calculation procedure of the energy performance of the building. The scope of this document is to standardize the: - required inputs; - calculation methods; - required outputs; of the instantaneous heat recovery from domestic hot water drains. This document provides a calculation method for one calculation interval. This calculation is intended to be connected to the whole building calculation model and takes into account the external conditions and system controls that may influence the instantaneous heat recovery from domestic hot water drains. This document does not apply to storage heat recovery or the use of drain water as a source for heat pumps. This document does not apply to sizing or inspection of domestic hot water heat recovery devices. Table 1 shows the relative position of this document within the set of EPB standards in the context of the modular structure as set out in EN ISO 52000-1. NOTE 1 The same Table is found in CEN ISO/TR 52000-2, with, for each module, the numbers of the relevant EPB standards and accompanying technical reports that are published or in preparation. NOTE 2 The modules represent EPB standards, although one EPB standard might cover more than one module and one module might be covered by more than one EPB standard, for instance a simplified and a detailed method respectively. See also Clause 2 and Table A.1 and Table B.1.

Keel: en
Alusdokumendid: prEN 15316-7-1

Arvamusküsitluse lõppkuupäev: 28.02.2026

prEN ISO 17651-4

Simultaneous interpreting - Interpreters' working environment - Part 4: Requirements and recommendations for signed language interpreting (ISO/DIS 17651-4:2025)

This document specifies the logistical and technical equipment requirements for the working environments of conference signed language interpreters. This document builds upon the existing standards on interpreters' working environment, interpreting equipment, simultaneous interpreting delivery platforms and conference equipment ISO 17651-1, ISO 17651-2, ISO 17651-3, ISO 20109, ISO 24019 and ISO 22259.

Keel: en
Alusdokumendid: ISO/DIS 17651-4; prEN ISO 17651-4

Arvamusküsitluse lõppkuupäev: 28.02.2026

93 RAJATISED

prEN 15383

Plastics piping systems for drainage and sewerage - Glass-reinforced thermosetting plastics (GRP) based on polyester resin (UP) - Manholes and inspection chambers

This document applies to a) manholes, when made from glass-reinforced thermosetting plastics (GRP) based on polyester resin (UP); b) inspection chambers, when made from glass-reinforced thermosetting plastics (GRP) based on polyester resin (UP) which are intended to be used with inverts which are at a depth not exceeding 2 m. These products are intended to be used within a drain or sewer system operating without pressure or occasionally at a head of pressure up to 1 bar. It applies to products, and their joints, intended for use in buried installations and to be installed by open-trench techniques. The units have a circular shape with nominal sizes as specified in EN ISO 23856. The intended use of these products is to provide access to, buried drain or sewer systems for the conveyance of waste water at temperatures up to 50 °C, without pressure or occasionally at a head of pressure up to 1 bar, outside buildings and installed in areas subjected to vehicle and/or pedestrian traffic. It specifies definitions including symbols, requirements and characteristics of manholes, inspection chambers, joints, materials, test methods and marking. NOTE It is the responsibility of the purchaser or specifier to make the appropriate selections, taking into account their particular requirements and any relevant national regulations and installation practices or codes.

Keel: en
Alusdokumendid: prEN 15383
Asendab dokumenti: EVS-EN 15383:2012+A1:2013

Arvamusküsitluse lõppkuupäev: 29.01.2026

97 OLME. MEELELAHUTUS. SPORT

prEN ISO 2551

Textile floor coverings and textile floor coverings in tile form - Determination of dimensional changes due to the effects of varied water and heat conditions and distortion out of plane (ISO 2551:2020)

This document specifies a procedure for the determination of the dimensional changes and distortion out of plane likely to take place when textile floor coverings and tiles are subjected to varied water and heat conditions. The method is applicable to all textile floor coverings and textile floor coverings in tile form.

Keel: en
Alusdokumendid: ISO 2551:2020; prEN ISO 2551

Arvamusküsitluse lõppkuupäev: 28.02.2026

TÕLKED KOMMENTEERIMISEL

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

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

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

EVS-EN 13260:2025

Raudteealased rakendused. Rattapaarid ja pöördvankrid. Rattapaarid. Tootenõuded

Selles dokumendis määratletakse rattapaaride omadused kõigi raskeröövõbasteede rööpmelaiuste jaoks. See dokument on kohaldatav raskeröövõbasteede sõidukitele ja kehtib põhimõtteliselt ka muudele sõidukitele, nagu linnaraudtee sõidukid. See dokument on kohaldatav rattapaaridele, mis on valmistatud järgmistes standardites määratletud elementidest: — EN 13262:— - rattad; — EN 13261:2024 - teljed. Selles dokumendis määratletud nõuded on kohaldatavad silindrikujulistele rattaistudele. Enamik nõuetest on kohaldatavad ka kooniliste rattaistudega rattapaaridele. Vajadusel korral on konkreetsed nõuded kooniliste rattaistude jaoks (nt press-istu kõverad, geomeetrilised mõõtmed jne) määratletud tehnilises kirjelduses. Enamik nõuetest on kohaldatavad ka siselaagritega rattapaaridele. Vajadusel korral on konkreetsed nõuded siselaagritega rattapaaride jaoks määratletud tehnilises kirjelduses. Mõned omadused on antud vastavalt kategooriale 1 või kategooriale 2.

Keel: et
Alusdokumendid: EN 13260:2025

Kommenteerimise lõppkuupäev: 29.01.2026

EVS-EN 17928-2:2024

Gaasitaristu. Sisestusjaamad. Osa 2: Spetsiifilised nõuded biometaani sisestamise kohta

Käesolev dokument sätestab spetsiifilised funktsionaalsed nõuded biometaani sisestamiseks gaasi ülekande- ja jaotusvõrkudesse, mida käitatakse teise gaasipere gaasidega vastavalt EN 437 standardile, lisaks EN 17928-1:2024 üldistele funktsionaalsetele nõuetele. Käesolev dokument esitab soovitusi koostamise hetkel. See dokument ei kehti sisestusjaamade suhtes, mis olid töös enne dokumendi avaldamist. Dokument täiendab standardit EN 17928-1:2024, täpsustades tehnilisi ohutusnõudeid, mis puudutavad biometaani keemilisi ja füüsikalisi omadusi. Dokument sätestab gaasitaristu ühised põhialused. Käesoleva dokumendi kasutajatelt eeldatakse teadlikkust, et CEN-i liikmesriikides võivad kehtida üksikasjalikumad rahvuslikud standardid ja/või tegevusjuhendid. Dokument on mõeldud kasutamiseks koos nende rahvuslike standardite ja/või tegevusjuhenditega, mis käsitlevad eespool nimetatud põhialuseid. Kui rahvuslikus seadusandluses või regulatsioonides kehtivad täiendavad nõuded, mis erinevad käesolevast dokumendist, selgitab neid nõudeid CEN/TR 13737 (kõik osad). CEN/TR 13737 (kõik osad) sisaldab: — liikmesriigis kehtivaid õigusakte/regulatsioone; — vajadusel rangemaid rahvuslikke nõudeid; — rahvuslikku kontaktpunkti uusima teabe saamiseks.

Keel: et
Alusdokumendid: EN 17928-2:2024

Kommenteerimise lõppkuupäev: 29.01.2026

EVS-EN 325:2025

Puitplaadid. Katsekehade mõõtmete määramine

See dokument sätestab meetodi puitplaatide katsekehade paksuse, pikkuse ja laiuse määramiseks.

Keel: et
Alusdokumendid: EN 325:2025

Kommenteerimise lõppkuupäev: 29.01.2026

prEN 13262

Raudteealased rakendused. Rattapaarid ja pöördvankrid. Rattad. Tootenõuded

Selles dokumendis määratletakse rataste omadused kõigi raskeröövõbasteede rööpmelaiuste jaoks. See dokument kehtib raskeröövõbasteede sõidukitele ja on põhimõtteliselt kohaldatav ka muudele sõidukitele, nagu linnaraudtee sõidukid. Selles dokumendis määratletakse viis terase klassi – ER6, ER7, ER8, ERS8 ja ER9. MÄRKUS 1 Terase klassi ERS8 tutvustatakse selles dokumendis terase klasside ER8 ja ER9 optimaalse variandina tulenevalt veerekontakti väsimusest (rolling contact fatigue (RCF)), võttes arvesse teenuse tagasidet Euroopast, näiteks Ühendkuningriigis kehtiva dokumendi BS 5892-3 osas. Mõned omadused on toodud kategooria 1 või kategooria 2 funktsioonina. Selles dokumendis määratletud nõuded kehtivad silindrilistele avadele. Enamik nõudeid kehtib ka kooniliste avadega rataste puhul. Konkreetsed nõuded kooniliste avade jaoks (nt geomeetrilised mõõtmed jne) on määratletud tehnilises kirjelduses. See dokument kehtib vaakumiga degaseeritud terasest, sepistatud ja valtsitud ning töödeldud pinnaga velgedega monoplokkratastele, mida on juba kasutatud ulatuslikes kaubanduslikes rakendustes Euroopa võrgustikus või mis on vastanud nende konstruktsiooni valideerimisel tehnilise heakskiidu protseduurile vastavalt standardile EN 13979-1:2023. Lisas A kirjeldatakse hindamisprotsessi selliste uute materjalide heaks kiitmiseks, mida see dokument ei hõlma. Selles dokumendis määratletakse nõuded, millele rattad peavad vastama, kuid tehnilise heakskiidu protseduur ei ole osa selle dokumendi käsitlusalast. MÄRKUS 2 Töödeldud pinna velg saavutatakse kuumtöötlemisega, mille eesmärk on velge tugevdada ning luua survejääkpinge.

Keel: et
Alusdokumendid: prEN 13262

Kommenteerimise lõppkuupäev: 29.01.2026

prEVS-EN IEC 61000-4-30

Elektromagnetiline ühilduvus. Osa 4-30: Katsetus- ja mõõtetehnika. Elektrikvaliteedi mõõtemeetodid

Standardi IEC 61000-4 käesolev osa määratleb elektrikvaliteedi parameetrite mõõtmise ja mõõtetulemite tõlgen¬dusmeetodid vahelduvvoolu toitesüsteemides, mille deklareeritud põhisagedus on 50 Hz või 60 Hz. Mõõtemeetodeid kirjeldatakse iga asjakohase parameetri puhul viisil, mis tagab usaldusväärsed ja korratavad tulemused olenemata meetodi rakendamisest. Käesolev dokument käsitleb kohapeal toimuvate mõõtmiste mõõtemeetodeid. See dokument hõlmab kahte mõõtemeetodite klassi (A-klass ja S-klass), mis on määratletud peatükis 4. MÄRKUS 1 Käesolevas dokumendis tähistab „A" täpsustatud (advanced) ja „S" ülevaatlikke (surveys) mõõtmisi. Käesolevas dokumendis käsitletud parameetrite mõõtmine piirdub elektrisüsteemides esinevate juhtivusnähtustega. Selles dokumendis käsitletavad elektrikvaliteedi parameetrid on toitepinge sagedus, toitepinge suurus (tase), värelus, toitepinge lohud ja muhud, pingekatkestused, pinge transiendid, toitepinge asümmeetria, pingeharmoonilised ja vaheharmoonilised komponendid, kiired pingemuutused, elektrivõrgu sidesüsteemi (MCS) pinged, voolutugevus, voolu harmoonilised ja vaheharmoonilised komponendid ning voolude asümmeetria. Sagedusalas 2 kHz kuni 150 kHz esinevaid emissioone käsitletakse lisas C ja lisas D. Sõltuvalt mõõtmise eesmärgist saab mõõta kõiki eelnevas loendis loetletud nähtusi või nende alamhulka. MÄRKUS 2 Käesoleva dokumendi nõuete vastavuskontrolli katsemeetodid leiab standardist IEC 62586-2. MÄRKUS 3 Elektrisüsteemi ja mõõteseadme vahele paigutatud muundurite mõju on kinnitust leidnud, kuid selles dokumendis seda üksikasjalikult ei käsitleta. Juhiseid muundurite mõju kohta leiab standardist IEC TR 61869-103.

Keel: et
Alusdokumendid: IEC 61000-4-30:2025; EN IEC 61000-4-30:2025

Kommenteerimise lõppkuupäev: 29.01.2026

prEVS-ISO 16687

Muuseumide mõju hindamine

See dokument määratleb meetodid muuseumide mõju mõõtmiseks ja hindamiseks nii üksikisikute kui ka ühiskonna tasandil. Kirjeldatud meetodeid saab kasutada muuseumide ja nende teenuste mõjuvaldkondade väljaselgitamiseks ning sidusrühmade ja laiema avalikkuse mõjust teavitamiseks. Dokumendi eesmärk ei ole välistada täiendavate vahendite kasutamist muuseumide mõju hindamisel. Dokument ei käsitle muuseumide kvaliteedinäitajaid (vt ISO 21246). Kõiki kirjeldatud meetodeid ei ole võimalik igal ajal kõigi muuseumide puhul rakendada. Piiranguid üksikute meetodite rakendamisele on täpsustatud dokumendis toodud meetodite kirjeldustes.

Keel: et
Alusdokumendid: ISO 16687:2025

Kommenteerimise lõppkuupäev: 29.01.2026

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 814:2020

Normaalbetooni külmakindlus. Määratlused, spetsifikatsioonid ja katsemeetodid
Frost resistance of normal-weight concrete - Definitions, specifications and test methods

Selles Eesti standardis püstitatakse nõuded normaalbetooni külmakindlusele olenevalt betoontarindi ekspluatatsioonitingimustest ja antakse katsemeetod selle otseseks määramiseks. Betoontarindite projekteerimisel tuleb sageli arvestada peale külmakindluse nõude ka teiste keskkonnaklasside mõjuritega (EVS-EN 206:2014+A1:2016 jaotis 4.1), mis võivad tingida erimeetmete rakendamise nii betooni koostisosade valikul, tehnoloogilises protsessis kui ka betoontarindite konstruktsioonis (näiteks armatuuri kaitsekihi määramisel). Selles standardis on kirjeldatud betooni külmakindluse hindamist külmutamis-sulatamismeetodiga otsesel katsetamisel ettenähtud katsetus(külmutus)keskkonnas, mis võib olla kas destilleeritud vesi või naatriumkloriidi vesilahus. Arvestades standardis EVS-EN 206 määratletud konkreetset keskkonnaklassi, mille alusel toimub betoontarindi külmakindluse klassi ja sellekohase vastavuskriteeriumi valik, võib üksikjuhtudel nii keskkonnaklassi (külmakindluse klassi) kui ka katsetus(külmutus)keskkonna määramine toimuda osapoolte kokkuleppel. See standard ei käsitle standardi EVS-EN 206 klassifikatsiooni järgi raske- ega kergbetoone (poor- ja korebetoon). MÄRKUS Mõnedel juhtudel ei pruugi katsemeetod sobida eribetoonide, näiteks kõrgtugeva betooni, isetiheneva betooni jt katsetamiseks. Sel juhul tuleb kasutada kokkuleppelist erimetoodikat.

Pikendamisküsitluse lõppkuupäev: 29.01.2026

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 720:2015

Paigalduskaablid. Polüvinüülkloriidmantliga paigalduskaabel
Wiring cables - PVC-sheathed wiring cable

See standard sätestab erinõuded Eesti suhteliselt külmades kliimaoludes kohtkindlalt paigaldatavatele vasksoontega, võrkstruktuur-polüeteen-(XLPE-)- või polüvinüülkloriid-(PVC-)isolatsiooni ja polüvinüülkloriidmantliga paigalduskaablitele. Kõik selles standardis käsitletavad kaablid peavad täitma rakendatavuse järgi standardi EVS-EN 50525-1 üldnõudeid ning selle standardi erinõudeid. Selles standardis käsitletavate kaablite isolatsiooni ja mantli nõutav ehitus ning katsetusmeetodid on sätestatud kohalike kliimaolude põhjal. MÄRKUS Taolisi tooteid nimetatakse ka manteljuhtmeteks.

Kehtima jätmise alus: EVS/TK 17 otsus 30.12.2025 2-8.2/281 ja teade pikendamisküsitlusest 17.11.2025 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 896:2014

Rahvusvaheline numeratsiooniplaan. ITU-T soovituse E.164 rakendamine Eestis
The international public telecommunication numbering plan - Application of ITU-T recommendation E.164 in Estonia

See standard annab numbristruktuuri ja funktsionaalsuse rahvusvahelise üldkasutatava telekommunikatsiooni viiele numbrite kategooriale: geograafilistele piirkondadele, globaalsetele teenustele, Võrkudele, riikide gruppidele, ja testimisele. Iga kategooria puhul on käsitletud üksikasjalikult numeratsioonistruktuuri ja numbrimärkide analüüsi komponente, mis on vajalikud kõnede edukaks suunamiseks. Lisa A annab täiendavat informatsiooni rahvusvaheliste üldkasutatavate numbrite struktuuri ja funktsioonide kohta (edaspidi: „rahvusvahelised E.164 numbrid“). Lisa B annab informatsiooni võrgu määratlemise, teenuse parameetrite, helistaja/vastuvõtja numbri näidu, valimise korra ning geograafiliste ISDN-kõnede adresseerimise kohta. Konkreetsed E.164-põhised rakendused, mis kasutuselt erinevad, on määratletud muudes soovitustes, nagu ITU-T soovituses E.168 („E.164 numeratsiooniplaani rakendus UPT jaoks“).

Keel: et
Tühistamisküsitluse lõppkuupäev: 29.01.2026

EVS-EN 12880:2001

Characterization of sludges - Determination of dry residue and water content

This European Standard specifies a method for the determination of dry residue and water content of sludges and sludge products. This method is applicable to the determination of dry residue and water content of sludges which include liquid, paste-like or solid matter.

Keel: en
Alusdokumendid: EN 12880:2000
Tühistamisküsitluse lõppkuupäev: 29.01.2026

EVS-EN 14546:2005

Foodstuffs - Determination of trace elements - Determination of total arsenic by hydride generation atomic absorption spectrometry (HGAAS) after dry ashing

This European Standard specifies a method for the determination of total arsenic in foodstuffs by hydride generation atomic absorption spectrometry (HGAAS) after dry ashing.

Keel: en
Alusdokumendid: EN 14546:2005
Tühistamisküsitluse lõppkuupäev: 29.01.2026

EVS-EN 60034-22:2010

Rotating electrical machines - Part 22: AC generators for reciprocating internal combustion (RIC) engine driven generating sets

This part of IEC 60034 establishes the principal characteristics of a.c. generators under the control of their voltage regulators when used for reciprocating internal combustion (RIC) engine driven generating set applications and supplements the requirements given in IEC 60034-1. It covers the use of such generators for land and marine use, but excludes generating sets used on aircraft or used to propel land vehicles and locomotives.

Keel: en
Alusdokumendid: IEC 60034-22:2009; EN 60034-22:2009
Tühistamisküsitluse lõppkuupäev: 29.01.2026

EVS-EN 62676-2-2:2014

Video surveillance systems for use in security applications -- Part 2-2: Video transmission protocols - IP interoperability implementation based on HTTP and REST services

IEC 62676-2-2:2013 specifies a compliant IP video protocol based on HTTP and REST services. Video transmission devices are often equipped with web servers that respond to HTTP requests. The HTTP response may contain XML content (for GET actions), XML response information (for SET actions), or various text/binary content (for retrieval of configuration data, etc.). REST is an approach to creating services that expose all information as resources in a uniform way. A video transmission device supporting compliance to the requirements of this standard based on HTTP and REST Services as described in this document is declared as compatible to ´IEC 62676-2 HTTP and REST interoperability.´

Keel: en
Alusdokumendid: IEC 62676-2-2:2013; EN 62676-2-2:2014

Tühistamisküsitluse lõppkuupäev: 29.01.2026

EVS-EN ISO 9806:2017

Solar energy - Solar thermal collectors - Test methods (ISO 9806:2017)

ISO 9806:2017 specifies test methods for assessing the durability, reliability, safety and thermal performance of fluid heating solar collectors. The test methods are applicable for laboratory testing and for in situ testing. ISO 9806:2017 is applicable to all types of fluid heating solar collectors, air heating solar collectors, hybrid solar collectors co-generating heat and electric power, as well as to solar collectors using external power sources for normal operation and/or safety purposes. It does not cover electrical safety aspects or other specific properties directly related to electric power generation. ISO 9806:2017 is not applicable to those devices in which a thermal storage unit is an integral part to such an extent that the collection process cannot be separated from the storage process for making the collector thermal performance measurements.

Keel: en
Alusdokumendid: ISO 9806:2017; EN ISO 9806:2017
Tühistamisküsitluse lõppkuupäev: 29.01.2026

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 50122-1:2022/A1:2025

Raudteealaste rakenduste püsipaigaldised. Elektriohutus, maandamine ja tagasivooluahel. Osa 1: Kaitsemeetmed elektrilöögi eest
Fixed installations for railway applications - Electrical safety, earthing and the return circuit - Part 1: Protective provisions against electric shock

Muudatus standardile EN 50122-1:2022

EVS-EN 50122-1:2022+A1:2025

Raudteealaste rakenduste püsipaigaldised. Elektriohutus, maandamine ja tagasivooluahel. Osa 1: Kaitsemeetmed elektrilöögi eest
Fixed installations for railway application - Electrical safety, earthing and the return circuit - Part 1: Protective provisions against electric shock

Selles dokumendis määratletakse nõuded kaitsemeetmetele, mis on seotud vahelduv- ja/või alalisvoolu veosüsteemidega seotud püsipaigaldiste ning mis tahes paigaldistega, mida elekterveosüsteem võib ohustada. See hõlmab ka elektrifitseeritud liinidel liikuvate veeremite suhtes kohaldatavaid nõudeid. Samuti kohaldatakse seda kõigi kohtkindlate paigaldiste aspektide suhtes, mis on vajalikud elektriohutuse tagamiseks elekterveotoitesüsteemide hooldustööde ajal. Seda dokumenti kohaldatakse uute elekterveotoitesüsteemide ja elekterveotoitesüsteemide oluliste muudatuste suhtes, mis käsitlevad järgnevat: a) raudteed; b) juhitavad ühistranspordisüsteemid, näiteks 1) trammiteed, 2) kõrgendatud ja maa-alused raudteed, 3) mägiraudteed, 4) trollibusside süsteemid, 5) kontaktõhuliini süsteemi kasutavate maanteesõidukite elekterveotoitesüsteemid ja 6) kontaktliini süsteemi kasutavad magnethõljuk-süsteemid; c) materjali transpordisüsteemid. Seda dokumenti ei kohaldata järgneva suhtes: a) elekterveotoitesüsteemid allmaakaevandustes, b) kraanad, teisaldatavad platvormid jms sarnased transpordivahendid rööbastel, ajutistel konstruktsioonidel (nt näituse konstruktsioonid), kui neid ei varustata kontaktliini süsteemist otse või trafode kaudu ega ohusta elekterveotoitesüsteem, c) köissõidukid, d) köisraudteed, e) olemasolevad veeremid. Selles dokumendis ei täpsustata hooldustööde töökorraldusi. Selles dokumendis toodud elektrilöögi eest kaitsmisega seotud nõudeid kohaldatakse ainult isikute suhtes.

EVS-EN ISO 16484-2:2025

Hoonete automaatika- ja juhtimissüsteemid (BACS). Osa 2: Riistvara
Building automation and control systems (BACS) - Part 2: Hardware (ISO 16484-2:2025)

See dokument sätestab nõuded hooneautomaatikaga seotud ülesannete täitmiseks vajalikule riistvarale. Dokument on kohaldatav füüsilistele seadmetele, st — seadmetele, mis nõuavad inimese sekkumist, nagu haldusjaamad või juhtpaneelid; — andmetalletus- ja analüüsiseadmetele, nagu serva- või pilvserverid; — juhtimisotstarbelistele seadmetele, nagu juhtkeskused; — seadmetele füüsiliste koguste hõiveks, nagu andurid ja täiturid. See dokument esitab süsteemi üldtopoloogia, mis põhineb hoone võrgutaristul, hõlmates nii hoonekarbi sees kui ka väljaspool seda asuvaid seadmeid.

EVS-EN ISO 4064-1:2025

Veearvestid külmale joogiveele ja kuumale veele. Osa 1: Metroloogilised ja tehnilised nõuded
Water meters for cold potable water and hot water - Part 1: Metrological and technical requirements (ISO 4064-1:2024)

Dokument määratleb metroloogilised ja tehnilised nõuded veearvestitele, mida kasutatakse külma joogivee ja kuuma vee, mis voolavad läbi täielikult täidetud kinnise torustiku, koguse mõõtmiseks. Need arvestid sisaldavad seadmeid, mis näitavad akumuleerunud vee mahtu. Lisaks mehaanilise tööpõhimõttega arvestitele rakendub see dokument ka elektrilise, elektroonilise ning elektroonilisi seadmeid sisaldava mehaanilise tööpõhimõttega arvestitele, mida kasutatakse külma joogivee ja kuuma vee mõõtmiseks. Dokument rakendub ka elektroonilistele abiseadmetele. Abiseadmed ei ole kohustuslikud. Siiski on võimalik riiklike või piirkondlike seadusandlike aktidega muuta mõned abiseadmed veearvestite kasutamisel kohustuslikeks. MÄRKUS Riiklikud seadusandlikud aktid kehtivad riigis, kus arvesti on kasutusel.

EVS-EN ISO 5149-4:2025

Külmutussüsteemid ja soojuspumbad. Ohutus- ja keskkonnanõuded. Osa 4: Talitlus, korrashoid, remont ja utiliseerimine
Refrigerating systems and heat pumps - Safety and environmental requirements - Part 4: Operation, maintenance, repair and recovery (ISO 5149-4:2022)

See dokument määrab ohutus- ja keskkonnanõuded, mis on seotud külmutussüsteemide kasutamise, hoolduse ja remondiga ning igat tüüpi külmaainete, külmaainetes kasutatavate õlide, soojuskandevedelike, külmutussüsteemide ja nende osade kokkukogumise, taaskasutuse ja jäätmekäitlusega. See dokument ei hõlma mootorsõidukite kliimaseadmeid, mis on ehitatud tootestandardite järgi, nagu ISO 13043. Need nõuded on ette nähtud isikute vigastamise ning vara ja keskkonna kahjustamisega seotud ohtude minimeerimiseks, mis tulenevad kas külmaainete ebaõigest käitlemisest või saasteainetest ning mille tagajärjeks on süsteemi purunemine ja külmaaine leke.

STANDARDIPEALKIRJADE MUUTMINE

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

Dokumendi tähis	Muudetav pealkiri	Uus pealkiri
EVS-EN 50122-1:2022	Raudteealased rakendused. Püsipaigaldised. Elektriohutus, maandamine ja tagasivooluahel. Osa 1: Kaitsemeetmed elektrilöögi eest	Raudteealaste rakenduste püsipaigaldised. Elektriohutus, maandamine ja tagasivooluahel. Osa 1: Kaitsemeetmed elektrilöögi eest
EVS-EN 50122-1:2022	Railway applications - Fixed installations - Electrical safety, earthing and the return circuit - Part 1: Protective provisions against electric shock	Fixed installations for railway application - Electrical safety, earthing and the return circuit - Part 1: Protective provisions against electric shock

UUED EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 50122-1:2022/A1:2025	Fixed installations for railway applications - Electrical safety, earthing and the return circuit - Part 1: Protective provisions against electric shock	Raudteealaste rakenduste püsipaigaldised. Elektriohutus, maandamine ja tagasivooluahel. Osa 1: Kaitsemeetmed elektrilöögi eest
EVS-EN 50122-1:2022+A1:2025	Fixed installations for railway application - Electrical safety, earthing and the return circuit - Part 1: Protective provisions against electric shock	Raudteealaste rakenduste püsipaigaldised. Elektriohutus, maandamine ja tagasivooluahel. Osa 1: Kaitsemeetmed elektrilöögi eest
EVS-EN ISO 16484-2:2025	Building automation and control systems (BACS) - Part 2: Hardware (ISO 16484-2:2025)	Hoonete automaatika- ja juhtimissüsteemid (BACS). Osa 2: Riistvara

UUED HARMONEERITUD STANDARDID

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

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

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

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

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

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

Info esitatakse vastavate õigusaktide kaupa.

Direktiiv 2009/48/EÜ
Mänguasjade ohutus
Komisjoni rakendusotsus 2025/2519 (EL Teataja 2025/L 16.12.2025)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN 71-13:2021+A2:2024 Mänguasjade ohutus. Osa 13: Haistmismeelt arendavad lauamängud, kosmeetikakomplektid ja maitsmismeelt arendavad mängud	16.12.2025	EN 71–13:2021+A1:2022	16.06.2027
EVS-EN 71-3:2019+A2:2024 Mänguasjade ohutus. Osa 3: Teatud elementide migratsioon	16.12.2025	EN 71–3:2019+A1:2021	16.06.2027