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Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

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ASUTATUD JA TEGEVUSE LÕPETANUD KOMITEED

EVS/TK 88 „Selge keel“ asutamine

Komitee tähis: EVS/TK 88

Komitee nimi: Selge keel

Komitee asutamise kuupäev: 23.04.2025

Komitee käsitlusala: Komitee käsitleb selge keele valdkonna standardimist. Selge keel tegeleb ühiskondlike sõnumite arusaadavuse ja kasutatavusega. Selge keel on kõigile arusaadav tarbekeel, mida iseloomustab lihtne ja selge vorm ning kasutajakesksus.

Selgekeelseid sõnumeid koostades pööratakse võrdset tähelepanu nii keele- kui ka sisutoimetamisele, sõnumi edukale kommunikatsioonile ja infodisainile, kusjuures kõige tähtsam on alati teabe kasutatavus. Selge keel tagab, et lugejad leiavad vajaliku teabe, mõistavad seda ja oskavad seda kasutada. Selge keele valdkond ühendab keeleteadust, infodisaini, kasutajakogemuse uuringuid ja kommunikatsiooniteooriat.

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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN IEC 80000-13:2025

Quantities and units - Part 13: Information science and technology

IEC 80000-13:2025 specifies names, symbols and definitions for quantities and units used in information science and technology. Where appropriate, conversion factors are also given. Prefixes for binary multiples are also given. International Standard IEC 80000-13 has been prepared by IEC technical committee 25: Quantities and units in close cooperation with ISO/TC 12: Quantities and units. This second edition cancels and replaces the first edition published in 2008. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - addition of new prefixes for binary multiples.

Keel: en
Alusdokumendid: IEC 80000-13:2025; EN IEC 80000-13:2025
Asendab dokumenti: EVS-EN 80000-13:2008

EVS-ISO 8601-2:2019/A1:2025

Kuupäev ja kellaaeg. Andmeesitus infovahetuses. Osa 2: Laiendused. Muudatus 1: Kanoonilised esitusviisid, ajaskaala komponentide täiendused ning kuupäeva-kellaaja aritmeetika
Date and time — Representations for information interchange — Part 2: Extensions — Amendment 1: Canonical expressions, extensions to time scale components and date time arithmetic (ISO 8601-2:2019/Amd 1:2025, identical)

Standardi EVS-ISO 8601-2:2019 muudatus.

Keel: en
Alusdokumendid: ISO 8601-2:2019/Amd 1:2025
Muudab dokumenti: EVS-ISO 8601-2:2019

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

CEN/CLC/TS 18072:2025

Requirements for Conformity Assessment Bodies certifying Cloud Services

This TS provides requirements and ISO/IEC 17065 interpretations for Conformity Assessment Bodies (CABs) assessing Cloud Services This TS is intended to be used by the National Accreditation Bodies (NABs), as well as CABs.

Keel: en
Alusdokumendid: CEN/CLC/TS 18072:2025

CWA 18188:2025

Energy Management and Sustainable Manufacturing (EMSM) Project in factories of industrial organizations - A Methodology - Requirements

This document specifies the requirements for a methodology (3.19) for the implementation of an Energy Management and Sustainable Manufacturing (EMSM) Project (3.22) in factories of industrial organizations. NOTE It could be useful to benefit from the outcome of an energy/environmental/industrial auditor technological audit that might have previously been conducted in the factory organization, the baselines generated in the audit could be used as a reference for the Project. This document is applicable to any EMSM Project implemented by any industrial organization, regardless its activity.

Keel: en
Alusdokumendid: CWA 18188:2025

EVS-EN 16072:2025

Intelligent transport systems - ESafety - Pan-European eCall operating requirements

The objective of implementing the pan-European in-vehicle emergency call system (eCall) is to automate the notification of a traffic accident, wherever in Europe, with the same technical standards and the same quality of services objectives by using ‘Public Land Mobile Networks’(PLMN), which supports the European pre-assigned emergency destination address (see normative references) and to provide a means of manually triggering the notification of an incident. This document specifies the general operating requirements and intrinsic procedures for in-vehicle emergency call (eCall) services in order to transfer an emergency message from a vehicle to a Public Safety Answering Point (PSAP) in the event of a crash or emergency, via an eCall communication session and to establish a voice channel between the in-vehicle equipment and the PSAP. Private third party in-vehicle emergency supporting services can also provide a similar eCall function by other means. The provision of such services are defined in EN 16102, and are outside the scope of this document. The communications protocols and methods for the transmission of the MSD are not specified in this document. This document specifies the operating requirements for an eCall service. An important part of the eCall service is a Minimum Set of Data (MSD). The operating requirements for the MSD are determined in this document, but the form and data content of the MSD is not defined herein. A common European MSD is

determined in EN 15722. This document does not specify whether eCall is provided using embedded equipment or other means (for example in the case of aftermarket equipment).

Keel: en
Alusdokumendid: EN 16072:2025
Asendab dokumenti: EVS-EN 16072:2022

EVS-EN 16494:2025

Raudteealased rakendused. Nõuded ERTMS-i raudteeäärsetele signaalidele
Railway applications - Requirements for ERTMS Trackside Boards

This document is applicable to the heavy rail system. This document defines the requirements for the provision, visibility, readability, maintenance and testing of a specific set of ERTMS trackside boards associated with the following DMI and ETCS track conditions: — ETCS stop marker — ETCS location marker — level transition, corresponding to transitions between ETCS levels — lower pantograph — pantograph lowered — raise pantograph — neutral section announcement — neutral section — end of neutral section — GSM-R network border marker — no traction system fitted announcement — no traction system fitted indication — traction system AC 25 kV 50 Hz announcement — traction system AC 25 kV 50 Hz indication — traction system AC 15 kV 16,7 Hz announcement — traction system AC 15 kV 16,7 Hz indication — traction system DC 3 kV announcement — traction system DC 3 kV indication — traction system DC 1,5 kV announcement — traction system DC 1,5 kV indication — traction system DC 600/750 V announcement — traction system DC 600/750 V indication — activate the audible warning device (horn) indication — safe stopping area announcement — safe stopping area indication for start — safe stopping area indication for end — inhibition of brake announcement/indication for start/indication for revocation — level crossing marker NOTE 1 the brake MBs apply for any of the three brake types (eddy current, magnetic shoe, regenerative), whereas the exact type concerned would be known by the driver via existing Route knowledge. The following ETCS track conditions are outside the scope of this Standard: — Safe stopping area semi-continuous indication for in-between — Non-stopping area announcement — Non-stopping area announcement — Non stopping area indication for start — Non stopping area indication for end — Non stopping area semi-continuous indication for in-between — Close air conditioning intake announcement — Close air conditioning intake indication — Open air conditioning intake announcement — Open air conditioning intake indication This document includes the arrangement of the boards and their interface with existing systems (track, cab design including cab sight lines, visibility by the driver and train head lamps). Mobile, backlit and temporary signs are not within the scope of this document. The application of ERTMS trackside boards is not within the scope of this document. Sighting requirements are not within the scope of this document. The sighting process needs to be implemented in accordance with national rules.

Keel: en
Alusdokumendid: EN 16494:2025
Asendab dokumenti: EVS-EN 16494:2015

EVS-EN IEC 62991:2025

Allikalülitusseadmete erinõuded
Particular requirements for source switching equipment (SSE)

This International Standard applies to Source Switching Equipment, hereafter referred to as SSE(s), for household and similar uses, primarily intended to be used for Energy Efficiency purposes with local production and/or storage of energy. This standard has been drafted following principles of: - IEC guides 118 and 119 for Energy Efficiency; - IEC guide 110 for safety. SSEs are intended to be installed in low voltage prosumer electrical installations (PEI) to deliver the electrical energy: - either to current-using equipment (direct feeding mode or island mode); - or to the grid (reverse feeding mode). SSEs are intended to select and/or combine two power sources (e.g. selected among grid, local power source, storage units) within an Electrical Energy Management system (EEMS). SSEs may also be used for backup supply. NOTE SSEs capable to select more than two sources are under consideration. SSEs are part of the fixed electrical installation. This standard applies to SSEs for operation in: - AC single or multiphase circuits with rated voltages not exceeding 440 V AC, frequencies of 50 Hz, 60 Hz or 50/60 Hz and rated currents not exceeding 125 A. They are intended to be used in installations with prospective short circuit current not exceeding 25 000 A, or - DC circuits. SSE for DC circuits are under consideration (next edition). SSEs may be operated: - manually (M-SSE), or - remotely (R-SSE), or - automatically (A-SSE), or - a combination of the above methods of operation, e.g. manual and remote. SSEs are constructed either as Combined-SSEs (C-SSEs, based on dedicated products suc as circuit breakers, switches or contactors) or Non-Combined SSEs (NC-SSEs). SSEs are intended for use in circuits where protection against electrical shock and over-current according to IEC 60364 is provided, unless the SSE already contains such protective function. SSEs are normally installed by instructed persons (IEC 60050-195:1998, 195-04-02) or skilled persons (IEC 60050-195:1998, 195-04-01). SSEs are normally used by ordinary persons (IEC 60005-195:1998, 195-04-03) and do not require maintenance. The requirements of this standard apply for standard environmental 420 conditions as given in clause 7. They are applicable to SSEs intended for use in an environment with pollution degree 2 and overvoltage categories III according to IEC 60664-1:2020. SSEs have at least a degree of protection IP 20 according to IEC 60529. Additional requirements may be necessary for devices used in locations having more severe environmental conditions. SSEs do not, by their nature, provide an isolation function nor the overcurrent protection. However, isolation and overcurrent protection functions as covered by relevant product standards may be provided by Combined SSEs. In some countries, it is not permitted to have synchronization of local sources with the grid for particular grid conditions, e.g. when fluctuations of the grid voltage or frequency are outside the tolerance limits. This document does not apply to transfer switching equipment (TSE) intended to be used by skilled persons, as covered by IEC 60947-6-1:2021.

Keel: en
Alusdokumendid: IEC 62991:2022; EN IEC 62991:2025

EVS-EN ISO 12855:2025

Electronic fee collection - Information exchange between service provision and toll charging (ISO 12855:2025)

This document specifies: — the interfaces between electronic fee collection (EFC) back-office systems for vehicle-related transport services, e.g. road user charging, parking and access control; — an exchange of information between the back-office

system of the two roles of service provision and toll charging, e.g.: — charging-related data (toll declarations, billing details, payment claims, payment announcements), — administrative data (trust objects, EFC context data, etc.), and — confirmation data; — transfer mechanisms and supporting functions; — information objects, data syntax and semantics. This document is applicable for any vehicle-related toll service and any technology used for charging. The data types and associated coding related to the data elements described in Clause 6 are specified in Annex A, using the abstract syntax notation one (ASN.1) according to ISO/IEC 8824-1. This document specifies basic protocol mechanisms over which implementations can specify and perform complex transfers (transactions). This document does not specify, amongst others: — any communication between TC or TSP with any other involved party; — any communication between elements of the TC and the TSP that is not part of the back-office communication; — interfaces for EFC systems for public transport; — any complex transfers (transactions), i.e. sequences of inter-related ADUs that can possibly involve several APDU exchanges; — processes regarding payments and exchanges of fiscal, commercial or legal accounting documents; — definitions of service communication channels, protocols and service primitives to transfer the APDU.

Keel: en
Alusdokumendid: ISO 12855:2025; EN ISO 12855:2025
Asendab dokumenti: EVS-EN ISO 12855:2022

EVS-EN ISO 17423:2025

Intelligent transport systems - Application requirements and objectives (ISO 17423:2025)

This document: — specifies communication service parameters presented by ITS station (ITS-S) application processes to the ITS-S management in support of automatic selection of ITS-S communication profiles in an ITS station unit (ITS-SU); — specifies related procedures for the static and dynamic ITS-S communication profile selection processes at a high functional level; — provides an illustration of objectives used to estimate an optimum ITS-S communication profile.

Keel: en
Alusdokumendid: ISO 17423:2025; EN ISO 17423:2025
Asendab dokumenti: EVS-EN ISO 17423:2018

EVS-EN ISO 18750:2025

Intelligent transport systems - Local dynamic map (ISO 18750:2025)

This document: — describes the functionality of a "local dynamic map" (LDM) in the context of the "bounded secured managed domain" (BSMD); — specifies: — general characteristics of LDM Data Objects (LDM-DOs) that can be stored in an LDM, i.e. information on real objects such as vehicles, road works sections, slow traffic sections, special weather condition sections, which are as a minimum requirement location-referenced and time-referenced; — service access point functions providing interfaces in an ITS station (ITS-S) to access an LDM for: — secure add, update and delete access for ITS-S application processes; — secure read access (query) for ITS-S application processes; — secure notifications (upon subscription) to ITS-S application processes; — management access: — secure registration, de-registration and revocation of ITS-S application processes at LDM; — secure subscription and cancellation of subscriptions of ITS-S application processes; — procedures in an LDM considering: — means for maintaining the content and integrity of the data store; — mechanisms supporting several LDMs in a single ITS station unit.

Keel: en
Alusdokumendid: ISO 18750:2025; EN ISO 18750:2025
Asendab dokumenti: EVS-EN ISO 18750:2018

EVS-ISO 59010:2025

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

See dokument annab juhiseid organisatsioonile, kes soovib üle minna ringsetele väärtusloome mudelitele ja väärtusvõrgustikele. Dokument on rakendatav igale organisatsioonile, olenemata suurusest, sektorist või piirkonnast.

Keel: en, et
Alusdokumendid: ISO 59010:2024

11 TERVISEHOOLDUS

CEN/TR 12401:2025

Dentistry - Guidance on the classification of dental devices and accessories

This document provides an opinion on the application of the classification rules in Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 concerning medical devices as they pertain to dental devices and accessories.

Keel: en
Alusdokumendid: CEN/TR 12401:2025
Asendab dokumenti: CEN/TR 12401:2009

EVS-EN IEC 60601-2-68:2025

Elektrilised meditsiiniseadmed. Osa 2-68: Erinõuded elektronkiirenditel, kergete ioonidega ja radionukliidallikaga väliskiiritusraviseadmetel kasutatavate röntgenkujutisjuhitavate kiiritusraviseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-68: Particular requirements for the basic safety and essential performance of X-ray-based image-guided radiotherapy equipment for use with electron accelerators, light ion beam therapy equipment and radionuclide beam therapy equipment

IEC 60601-2-68:2025 applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of X-ray based IMAGE-GUIDED RADIOTHERAPY equipment for use with EXTERNAL BEAM EQUIPMENT (EBE). This document covers safety aspects of kilovoltage (kV) and megavoltage (MV) X-ray imaging devices integrated in a specified geometrical relationship with EBE for the purpose of IGRT. It covers aspects of communication and relationships between the EXTERNAL BEAM EQUIPMENT and X-ray imaging devices, attached or not directly attached to, but in the same RADIATION shielded area as, and dedicated for use only with, the EXTERNAL BEAM EQUIPMENT. This document deals with equipment for OFFLINE X-IGRT, ONLINE X-IGRT and REAL-TIME X-IGRT. It covers procedures to reduce the risk of over-reliance on the X-IGRT EBE SYSTEM. For example, in the case of ONLINE X-IGRT, the MANUFACTURER will provide an interactive interface for user interaction with the correction suggested by the system. This document does not apply to CT SCANNERS, X-RAY EQUIPMENT for RADIOGRAPHY, and X-RAY EQUIPMENT for RADIOSCOPY, which are not intended for use for IGRT. Requirements that are being tested according to another standard can be identified by the manufacturer and if equivalent do not require retesting, instead evidence can refer to the CT SCANNER, X-RAY EQUIPMENT for RADIOGRAPHY, or X-RAY EQUIPMENT for RADIOSCOPY EQUIPMENT manufacturer's providing compliance statements or test reports. If the X-IGRT EQUIPMENT is combined with an MEE, any requirement that is the same for the X-IGRT EQUIPMENT and the MEE, such as a PATIENT POSITIONER, is not required to be tested twice, but can be accepted as tested by the MEE. This document applies for X-ray equipment for radiography, radioscopy, and COMPUTER tomography used for IGRT. If a clause or subclause is specifically intended to be applicable to X-IGRT EBE SYSTEMS, the content of that clause or subclause will say so. Where that is not the case, the clause or subclause applies only to X-IGRT EQUIPMENT. This document, with the inclusion of TYPE TESTS and SITE TESTS, applies respectively to the MANUFACTURER and some installation aspects of X-IGRT EBE SYSTEMS intended to be: • for NORMAL USE, operated under the authority of the RESPONSIBLE ORGANIZATION by QUALIFIED PERSONS having the required skills for a particular medical application, for particular specified clinical purposes, e.g., STATIONARY RADIOTHERAPY or MOVING BEAM RADIOTHERAPY, • maintained in accordance with the recommendations given in the INSTRUCTIONS FOR USE, and • subject to regular quality assurance performance and calibration checks by a QUALIFIED PERSON. IEC 80601-2-68:2024 cancels and replaces the first edition published in 2014. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) alignment with the new editions of the relevant standards: – IEC 60601-2-1:2020; – IEC 60601-2-44:2009, IEC 60601-2-44:2009/AMD1:2012 and IEC 60601-2-44:2009/AMD2:2016; – IEC 60601-2-64:2014; b) clarification of the use of IEC 60601-2-68 for CT SCANNERS, X-RAY EQUIPMENT for RADIOGRAPHY and RADIOSCOPY used in the same room with an EXTERNAL BEAM EQUIPMENT (EBE); c) introduction of updated requirements related to MECHANICAL HAZARDS, RADIATION HAZARDS, PROGRAMMABLE ELECTRICAL MEDICAL SYSTEMS (PEMS), ACCOMPANYING DOCUMENTATION of an ME SYSTEM, and REMOTE OPERATION.

Keel: en
Alusdokumendid: IEC 60601-2-68:2025; EN IEC 60601-2-68:2025
Asendab dokumenti: EVS-EN 60601-2-68:2015

EVS-EN ISO 5840-1:2021+A1:2025

Cardiovascular implants - Cardiac valve prostheses - Part 1: General requirements (ISO 5840-1:2021 + ISO 5840-1:2021/Amd 1:2025)

This document is applicable to heart valve substitutes intended for implantation and provides general requirements. Subsequent parts of the ISO 5840 series provide specific requirements. This document is applicable to newly developed and modified heart valve substitutes and to the accessory devices, packaging, and labelling required for their implantation and for determining the appropriate size of the heart valve substitute to be implanted. ISO 5840-1 outlines an approach for verifying/validating the design and manufacture of a heart valve substitute through risk management. The selection of appropriate qualification tests and methods are derived from the risk assessment. The tests can include those to assess the physical, chemical, biological, and mechanical properties of heart valve substitutes and of their materials and components. The tests can also include those for preclinical in vivo evaluation and clinical evaluation of the finished heart valve substitute. ISO 5840-1 defines operational conditions for heart valve substitutes. ISO 5840-1 furthermore defines terms that are also applicable to ISO 5840-2 and ISO 5840-3. ISO 5840-1 does not provide requirements specific to homografts, tissue engineered heart valves (e.g. valves intended to regenerate in vivo), and heart valve substitutes designed for implantation in circulatory support devices. Some of the provisions of ISO 5840-1 can be applied to valves made from human tissue that is rendered non-viable. NOTE A rationale for the provisions of ISO 5840-1 is given in Annex A.

Keel: en
Alusdokumendid: ISO 5840-1:2021; EN ISO 5840-1:2021; ISO 5840-1:2021/Amd 1:2025; EN ISO 5840-1:2021/A1:2025
Konsolideerib dokumenti: EVS-EN ISO 5840-1:2021
Konsolideerib dokumenti: EVS-EN ISO 5840-1:2021/A1:2025

EVS-EN ISO 5840-2:2021+A1:2025

Cardiovascular implants - Cardiac valve prostheses - Part 2: Surgically implanted heart valve substitutes (ISO 5840-2:2021 + ISO 5840-2:2021/Amd 1:2025)

This document is applicable to heart valve substitutes intended for implantation in human hearts, generally requiring cardiopulmonary bypass and generally with direct visualization. See Annex E for examples of surgical heart valve substitutes and their components. This document is applicable to both newly developed and modified surgical heart valve substitutes and to the

accessory devices, packaging, and labelling required for their implantation and for determining the appropriate size of the surgical heart valve substitute to be implanted. This document establishes an approach for verifying/validating the design and manufacture of a surgical heart valve substitute through risk management. The selection of appropriate qualification tests and methods are derived from the risk assessment. The tests can include those to assess the physical, chemical, biological, and mechanical properties of surgical heart valve substitutes and of their materials and components. The tests can also include those for pre-clinical in vivo evaluation and clinical evaluation of the finished surgical heart valve substitute. This document defines operational conditions and performance requirements for surgical heart valve substitutes where adequate scientific and/or clinical evidence exists for their justification. For some heart valve substitutes (e.g. sutureless), the requirements of both this document and ISO 5840-3:2021 can be relevant and are considered as applicable to the specific device design and are based on the results of the risk analysis.

Keel: en
Alusdokumendid: ISO 5840-2:2021; EN ISO 5840-2:2021; ISO 5840-2:2021/Amd 1:2025; EN ISO 5840-2:2021/A1:2025
Konsolideerib dokumenti: EVS-EN ISO 5840-2:2021
Konsolideerib dokumenti: EVS-EN ISO 5840-2:2021/A1:2025

EVS-EN ISO 5840-3:2021+A1:2025

Kardio-vaskulaarsed implantaadid. Südameklapi proteesid. Osa 3: Kateetri kaudu implanteeritavad asendusklapid
Cardiovascular implants - Cardiac valve prostheses - Part 3: Heart valve substitutes implanted by transcatheter techniques (ISO 5840-3:2021 + ISO 5840-3:2021/Amd 1:2025)

This document is applicable to all devices intended for implantation as a transcatheter heart valve substitute. This document is applicable to both newly developed and modified transcatheter heart valve substitutes and to the delivery system, accessory devices, packaging and labelling required for their implantation and for determining the appropriate size of heart valve substitute to be implanted. This document establishes an approach for verifying/validating the design and manufacture of a transcatheter heart valve substitute through risk management. The selection of appropriate verification/validation tests and methods are to be derived from the risk assessment. The tests can include those to assess the physical, chemical, biological and mechanical properties of heart valve substitutes and of their materials and components. The tests can also include those for preclinical in vivo evaluation and clinical evaluation of the finished heart valve substitute. This document defines operational conditions and performance requirements for transcatheter heart valve substitutes where adequate scientific and/or clinical evidence exists for their justification. This document includes considerations for implantation of a transcatheter heart valve substitute inside a pre-existing prosthetic device (e.g. valve-in-valve and valve-in-ring configurations).

Keel: en
Alusdokumendid: ISO 5840-3:2021; EN ISO 5840-3:2021; ISO 5840-3:2021/Amd 1:2025; EN ISO 5840-3:2021/A1:2025
Konsolideerib dokumenti: EVS-EN ISO 5840-3:2021
Konsolideerib dokumenti: EVS-EN ISO 5840-3:2021/A1:2025

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TR 18160:2025

Plastics recycling - Classification of plastic recyclates as post-consumer recyclates (PCR) and post-industrial recyclates (PIR)

This document has been developed to ensure transparency regarding the input stream for recycling and to assist all plastic industry stakeholders in the development of new and improved standards for plastic recycling. The aim of this report is to present the current state of the debate on how to distinguish waste materials that are suitable for the production of plastic recyclates from those that cannot be used for recycling

Keel: en
Alusdokumendid: CEN/TR 18160:2025

CWA 18188:2025

Energy Management and Sustainable Manufacturing (EMSM) Project in factories of industrial organizations - A Methodology - Requirements

This document specifies the requirements for a methodology (3.19) for the implementation of an Energy Management and Sustainable Manufacturing (EMSM) Project (3.22) in factories of industrial organizations. NOTE It could be useful to benefit from the outcome of an energy/environmental/industrial auditor technological audit that might have previously been conducted in the factory organization, the baselines generated in the audit could be used as a reference for the Project. This document is applicable to any EMSM Project implemented by any industrial organization, regardless its activity.

Keel: en
Alusdokumendid: CWA 18188:2025

EVS-EN 12259-15:2025

Fixed firefighting systems - Components for sprinkler and water spray systems - Part 15: Spray pattern sprinklers with a k-factor of at least K160, extended coverage sprinklers of at least K80 and control mode special application sprinklers

This document specifies requirements and test methods for spray pattern sprinklers with a k-factor of at least K160, extended coverage (EC) sprinklers of at least K80, extended coverage storage sprinklers of at least K200 and control mode special application (CMSA) sprinklers. This document only covers sprinkler types up to K360. This document does not apply to concealed, conventional, flat spray, flush and recessed sprinklers.

Keel: en
Alusdokumendid: EN 12259-15:2025

EVS-EN 16339:2025

Ambient air - Method for the determination of the concentration of nitrogen dioxide by diffusive sampling

This document specifies a method for the sampling of NO2 in ambient air using diffusive sampling followed by extraction and analysis by colourimetry or ion chromatography (IC). It can be used for the NO2 measurement in a concentration range of approximately 3 µg/m3 to 130 µg/m3 [12]. A sample is typically collected for a period of 1 to 4 weeks [14], with exposure periods depending on the design of the samplers and the concentration levels of NO2. Several sorbents can be used for trapping NO2 in ambient air using a diffusive sampler [15]. This document specifies the application of triethanolamine as the reagent. This document describes the application of a tube-type sampler (with either a cylindrical or a slightly conical tube), a badge-type sampler and a radial-type sampler. The relative expanded uncertainty of NO2 measurements performed using these tube-type diffusive samplers can potentially be lower than 25 % for individual measurements. When aggregating results to form annual average values, the relative expanded uncertainty can be further reduced to levels below 15 % due to the reduction of random effects on uncertainty [9]. NOTE NO2 passive samplers are also employed to measure NOx with the addition of an oxidant to convert ambient NO into NO2. A second NO2 sampler is also deployed without the oxidant and the concentration of NO is determined from the difference of the two samplers [16].

Keel: en
Alusdokumendid: EN 16339:2025
Asendab dokumenti: EVS-EN 16339:2013

EVS-EN 17450-3:2025

Fixed firefighting systems - Components for water mist systems - Part 3: Requirements and test methods for check valves

This document specifies the requirements and describes the test methods for check valves for water mist firefighting systems. Check valves allow the passage in the direction of flow and they prevent flow in the reverse direction. This document is applicable to check valves installed in the pipework of water mist firefighting systems.

Keel: en
Alusdokumendid: EN 17450-3:2025

EVS-EN 18027:2025

Bio-based products - Life cycle assessment - Additional requirements and guidelines for comparing the life cycles of bio-based products with their fossil-based equivalents

This document provides requirements and guidelines for comparing the life cycles of bio-based products with their fossil-based equivalents. NOTE The term "equivalents" generally refers to the "functional equivalence". This document builds on existing LCA methodology and provides requirements and guidance on specific topics relevant for making well-balanced comparisons.

Keel: en
Alusdokumendid: EN 18027:2025

EVS-EN IEC 62933-4-2:2025

Electric energy storage (EES) systems - Part 4-2: Guidance on environmental issues - Assessment of the environmental impact of battery failure in an electrochemical based storage system

IEC 62933-4-2:2025 defines the requirements for evaluating and reporting the negative impact on the environment caused by the failure of a cell, flow cell, battery or flow battery in the accumulation subsystem of a battery energy storage system (BESS). The batteries within this scope used in a BESS are classified according to the type of their electrolyte. These electrolyte types are aqueous, non-aqueous or solid. The environmental impacts directly caused by the failure of other components of the BESS are not within the scope of this document.

Keel: en
Alusdokumendid: IEC 62933-4-2:2025; EN IEC 62933-4-2:2025

EVS-ISO 14066:2025

Keskkonnaalane teave. Kompetentsusnõuded keskkonnaalase teabe valideerimis- ja tõendamisrühmale
Environmental information. Competence requirements for teams validating and verifying environmental information (ISO 14066:2023, identical)

See dokument määratleb valideerimis- ja tõendamisrühmade kompetentsusnõuded (k.a tehnilised eksperdid) ja sõltumatud ülevaatajad. EE MÄRKUS Terminid valideerimis- ja tõendamisrühm (ingl k validation and verification team) on juhtimissüsteemi standardites kasutusel ka vastavalt terminitena kasutuskohasuse ja nõuetekohasuse tõendamisrühm. See dokument kehtib kõikidele organisatsioonidele, mis kavandavad ja viivad läbi välist või sisemist valideerimist, tõendamist ja kokkulepitud protseduure (KLP). See dokument ei ole seotud ühegi konkreetse keskkonnateabe programmiga. Kui konkreetne keskkonnateabe programm on rakendatav, siis selle keskkonnateabe programmi kompetentsusnõuded lisanduvad selle dokumendi nõuetele. MÄRKUS Personali kompetentsuse haldamisprotsess on määratletud standardi ISO 14065:2020 jaotises 7.3.

Keel: en

Alusdokumendid: ISO 14066:2023
Asendab dokumenti: EVS-ISO 14066:2014

EVS-ISO 59010:2025

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

See dokument annab juhiseid organisatsioonile, kes soovib üle minna ringsetele väärtusloome mudelitele ja väärtusvõrgustikele. Dokument on rakendatav igale organisatsioonile, olenemata suurusest, sektorist või piirkonnast.

Keel: en, et
Alusdokumendid: ISO 59010:2024

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN IEC 60404-18:2025

Magnetic materials - Part 18: Permanent magnet (magnetically hard) materials - Methods of measurement of the magnetic properties in an open magnetic circuit using a superconducting magnet

IEC 60404-18:2025 defines the general principle and technical details of the methods of measurement of the DC magnetic properties of permanent magnet materials in an open magnetic circuit using a superconducting magnet (SCM). This method is applicable to permanent magnet materials, such as those specified in IEC 60404-8-1, the properties of which are presumed homogeneous throughout their volume. There are two methods: - the SCM-vibrating sample magnetometer (VSM) method; - the SCM-extraction method. This document also specifies methods to correct the influence of the self-demagnetizing field in the test specimen on the demagnetization curve obtained in an open magnetic circuit. The magnetic properties are determined from the corrected demagnetization curve.

Keel: en
Alusdokumendid: IEC 60404-18:2025; EN IEC 60404-18:2025

EVS-EN IEC/IEEE 63184:2025

Assessment Methods of the Human Exposure to Electric and Magnetic Fields from Wireless Power Transfer Systems - Models, Instrumentation, Measurement and Computational Methods and Procedures (Frequency Range of 3 kHz to 30 MHz)

The objective of this document is to specify methods to assess human exposure to electromagnetic fields generated by stationary wireless power transfer (WPT) in terms of specific absorption rate (SAR), internal electric fields2 or current density, and contact currents. The frequency range covered by this document is from 3 kHz to 30 MHz. This document focuses on exposures from inductive WPT systems and specifies: • general compliance assessment procedures; • measurement methods; • computational assessment methods; • assessment combining measurement and computational methods. This document does not consider the immunity of cardiac implantable electrical devices to radiated disturbances from WPT systems.

Keel: en
Alusdokumendid: IEC/IEEE 63184:2025; EN IEC/IEEE 63184:2025

19 KATSETAMINE

EVS-EN ISO 2400:2025

Non-destructive testing - Ultrasonic testing - Specification for standard block No. 1 (ISO 2400:2025)

This document specifies the requirements for the dimensions, material and manufacture of a steel block for setting, checking and verification of ultrasonic test equipment used in manual testing.

Keel: en
Alusdokumendid: ISO 2400:2025; EN ISO 2400:2025
Asendab dokumenti: EVS-EN ISO 2400:2012

25 TOOTMISTEHNOLOOGIA

EVS-EN IEC 60519-6:2024/AC:2025

Ohutus elekterkuumutuse ja elektromagnetilise töötluse paigaldistes. Osa 6: Erinõuded kõrgsageduslikele dielektrilistele ja mikrolainelistele kuumutus- ja töötlusseadmetele
Safety in installations for electroheating and electromagnetic processing - Part 6: Particular requirements for high frequency dielectric and microwave heating and processing equipment

Parandus standardile EN IEC 60519-6:2024

Keel: en
Alusdokumendid: EN IEC 60519-6:2024/AC:2025-04
Parandab dokumenti: EVS-EN IEC 60519-6:2024

EVS-EN IEC 62541-15:2025

OPC Unified Architecture - Part 15: Safety

IEC 62541-15:2025 describes a safety communication layer (services and a protocol) for the exchange of SafetyData using IEC 62541 mechanisms. It identifies the principles for functional safety communications defined in IEC 61784-3 that are relevant for this safety communication layer. This safety communication layer is intended for implementation in safety devices only. NOTE 1 This document targets controller-to-controller communication. However, easy expandability to other use-cases (e.g. OPC UA field level communication) has already been considered in the design of this document. NOTE 2 This document does not cover electrical safety and intrinsic safety aspects. Electrical safety relates to hazards such as electrical shock. Intrinsic safety relates to hazards associated with potentially explosive atmospheres. This document defines mechanisms for the transmission of safety-relevant messages among participants within a network using OPC UA technology in accordance with the requirements of the IEC 61508 series and IEC 61784-3 for functional safety. These mechanisms can be used in various industrial applications such as process control, manufacturing, automation, and machinery. This document provides guidelines for both developers and assessors of compliant devices and systems. NOTE 3 The resulting SIL claim of a system depends on the implementation of this document within the system – implementation of this document in a standard device is not sufficient to qualify it as a safety device.

Keel: en
Alusdokumendid: IEC 62541-15:2025; EN IEC 62541-15:2025

EVS-EN IEC 62841-4-8:2025

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 4-8: Erinõuded purustajatele/hakkuritele
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-8: Particular requirements for shredders/chippers

IEC 62841-4-8:2025 specifies safety requirements and their verification for the design and construction of hand fed, shredders/chippers with an integral electric motor, with or without vacuum assisted collection, which are designed to reduce organic material to smaller pieces and are used in a stationary position by an operator standing on the ground. This document applies to shredders/chippers with feed intake openings or feed safety openings that in total will fit into a square of 250 mm x 250 mm. NOTE 101 The requirements for the measurement of the square of 250 mm x 250 mm are specified in 19.101.1. In this document, shredders/chippers are referred to collectively as machine(s). This document does not cover requirements for - machines powered by combustion engines; or - machines driven by an external power source; or - machines with powered discharge intended to broadcast material or load vehicles; or - machines with mechanically powered feed intake or attachments; or - wood chippers for forestry, agriculture, horticulture and landscaping. This document is to be used in conjunction with IEC 62841-1:2014. This document supplements or modifies the corresponding clauses in IEC 62841-1, so as to convert it into the IEC Standard: Particular requirements for shredders/chippers.

Keel: en
Alusdokumendid: IEC 62841-4-8:2025; EN IEC 62841-4-8:2025
Asendab dokumenti: EVS-EN 50434:2014

EVS-EN IEC 62841-4-8:2025/A11:2025

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 4-8: Erinõuded purustajatele/hakkuritele
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-8: Particular requirements for shredders/chippers

Amendment to EN IEC 62841-4-8:2025

Keel: en
Alusdokumendid: EN IEC 62841-4-8:2025/A11:2025
Muudab dokumenti: EVS-EN IEC 62841-4-8:2025

EVS-EN ISO 16089:2025

Tööpingid. Ohutus. Paiksed lihvmasinad
Machine tools - Safety - Stationary grinding machines (ISO 16089:2025)

This document specifies the requirements and/or measures to eliminate the hazards or reduce the risks in the following groups of stationary grinding machines which are designed primarily to shape metal by grinding: — Group 1: manually controlled grinding machines without power operated axes and without numerical control; — Group 2: manually controlled grinding machines with power operated axes and limited numerically controlled capability, if applicable; — Group 3: numerically controlled grinding machines. NOTE 1 For detailed information on the groups of grinding machines, see 3.1 and 3.2. NOTE 2 Requirements in this document are, in general, applicable to all groups of grinding machines. If requirements are applicable to some special group(s) of grinding machines only, then the special group(s) of grinding machine(s) is/are specified. This document covers the significant hazards listed in Clause 4 and applies to ancillary devices (e.g. for workpieces, tools, workpiece holding devices and handling devices), which are integral to the machine. This document also applies to machines which are integrated into an automatic production line or grinding cell in as much as the hazards and risks arising are comparable to those of machines working separately. This document also includes in Clause 7 a minimum list of safety-relevant information which the manufacturer has to provide to the user. See also ISO 12100:2010, Figure 2, which illustrates the interaction of the manufacturer's and user's responsibility for the operational safety. The user's responsibility to identify specific hazards (e.g. fire and explosion) and reduce the associated risks can be critical (e.g. whether the central extraction system is working correctly). Where additional metalworking processes (e.g. milling, turning, laser processing) are involved, this document can be taken as a basis for safety requirements. Specific information on hazards arising from other metalworking processes are covered by other International Standards. This document applies to machines that are manufactured after the date of issue of this document. This document does not apply to

stationary honing, polishing and belt grinding machines. This document does not apply to transportable motor-operated electric tools in accordance with IEC 61029-2-4 and IEC 61029-2-10.

Keel: en
Alusdokumendid: ISO 16089:2025; EN ISO 16089:2025
Asendab dokumenti: EVS-EN ISO 16089:2015

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12309-6:2025

Gaasitoitel absorptsioonseadmed kütteks ja/või jahutuseks kuni 70 kW kasuliku soojuskoormusega. Osa 6: Sesoonse sooritusvõime arvutamine
Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 6: Calculation of seasonal performances

1.1 Scope of EN 12309 Appliances covered by this document include one or a combination of the following: - gas-fired sorption chiller; - gas-fired sorption chiller/heater; - gas-fired sorption heat pump. This document applies to appliances designed to be used for space heating or cooling or refrigeration with or without heat recovery. This document applies to appliances having flue gas systems of Type B and Type C (according to EN 1749:2020) and to appliances designed for outdoor installations, including Type A. EN 12309 does not apply to air conditioners, it only applies to appliances having: - integral burners under the control of fully automatic burner control systems, - closed system refrigerant circuits in which the refrigerant does not come into direct contact with the water or air to be cooled or heated, - mechanical means to assist transportation of the combustion air and/or the flue gas. The above appliances can have one or more primary or secondary functions (i.e. heat recovery - see definitions in EN 12309-1:2023). In the case of packaged units (consisting of several parts), this document applies only to those designed and supplied as a complete package. The appliances having their condenser cooled by air and by the evaporation of external additional water are not covered by EN 12309. Installations used for heating and/or cooling of industrial processes are not within the scope of EN 12309. All the symbols given in this document are used regardless of the language used. 1.2 Scope of this Part 6 to EN 12309 This part of EN 12309 specifies the calculation methods of seasonal performances for gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW. It deals in particular with the calculation methods of reference seasonal performances in cooling and heating mode for monovalent and bivalent appliances.

Keel: en
Alusdokumendid: EN 12309-6:2025
Asendab dokumenti: EVS-EN 12309-6:2015

EVS-EN IEC 62282-7-2:2025

Fuel cell technologies - Part 7-2: Test methods - Single cell and stack performance tests for solid oxide fuel cells (SOFCs)

IEC 62282-7-2:2025 applies to SOFC cell/stack assembly units, testing systems, instruments and measuring methods, and specifies test methods to test the performance of SOFC cells and stacks. This document is not applicable to small button cells that are designed for SOFC material testing and provide no practical means of fuel utilization measurement. This document is used based on the recommendation of the entity that provides the cell performance specification or for acquiring data on a cell or stack in order to estimate the performance of a system based on it. Users of this document can selectively execute test items suitable for their purposes from those described in this document.

Keel: en
Alusdokumendid: IEC 62282-7-2:2025; EN IEC 62282-7-2:2025
Asendab dokumenti: EVS-EN IEC 62282-7-2:2021

EVS-EN IEC 62933-4-2:2025

Electric energy storage (EES) systems - Part 4-2: Guidance on environmental issues - Assessment of the environmental impact of battery failure in an electrochemical based storage system

IEC 62933-4-2:2025 defines the requirements for evaluating and reporting the negative impact on the environment caused by the failure of a cell, flow cell, battery or flow battery in the accumulation subsystem of a battery energy storage system (BESS). The batteries within this scope used in a BESS are classified according to the type of their electrolyte. These electrolyte types are aqueous, non-aqueous or solid. The environmental impacts directly caused by the failure of other components of the BESS are not within the scope of this document.

Keel: en
Alusdokumendid: IEC 62933-4-2:2025; EN IEC 62933-4-2:2025

EVS-EN IEC 62991:2025

Allikalülitusseadmete erinõuded
Particular requirements for source switching equipment (SSE)

This International Standard applies to Source Switching Equipment, hereafter referred to as SSE(s), for household and similar uses, primarily intended to be used for Energy Efficiency purposes with local production and/or storage of energy. This standard has been drafted following principles of: - IEC guides 118 and 119 for Energy Efficiency; - IEC guide 110 for safety. SSEs are intended to be installed in low voltage prosumer electrical installations (PEI) to deliver the electrical energy: - either to current-using equipment (direct feeding mode or island mode); - or to the grid (reverse feeding mode). SSEs are intended to select and/or combine two power sources (e.g. selected among grid, local power source, storage units) within an Electrical Energy Management system (EEMS). SSEs may also be used for backup supply. NOTE SSEs capable to select more than two sources are under

consideration. SSEs are part of the fixed electrical installation. This standard applies to SSEs for operation in: - AC single or multiphase circuits with rated voltages not exceeding 440 V AC, frequencies of 50 Hz, 60 Hz or 50/60 Hz and rated currents not exceeding 125 A. They are intended to be used in installations with prospective short circuit current not exceeding 25 000 A, or - DC circuits. SSE for DC circuits are under consideration (next edition). SSEs may be operated: - manually (M-SSE), or - remotely (R-SSE), or - automatically (A-SSE), or - a combination of the above methods of operation, e.g. manual and remote. SSEs are constructed either as Combined-SSEs (C-SSEs, based on dedicated products suc as circuit breakers, switches or contactors) or Non-Combined SSEs (NC-SSEs). SSEs are intended for use in circuits where protection against electrical shock and over-current according to IEC 60364 is provided, unless the SSE already contains such protective function. SSEs are normally installed by instructed persons (IEC 60050-195:1998, 195-04-02) or skilled persons (IEC 60050-195:1998, 195-04-01). SSEs are normally used by ordinary persons (IEC 60005-195:1998, 195-04-03) and do not require maintenance. The requirements of this standard apply for standard environmental 420 conditions as given in clause 7. They are applicable to SSEs intended for use in an environment with pollution degree 2 and overvoltage categories III according to IEC 60664-1:2020. SSEs have at least a degree of protection IP 20 according to IEC 60529. Additional requirements may be necessary for devices used in locations having more severe environmental conditions. SSEs do not, by their nature, provide an isolation function nor the overcurrent protection. However, isolation and overcurrent protection functions as covered by relevant product standards may be provided by Combined SSEs. In some countries, it is not permitted to have synchronization of local sources with the grid for particular grid conditions, e.g. when fluctuations of the grid voltage or frequency are outside the tolerance limits. This document does not apply to transfer switching equipment (TSE) intended to be used by skilled persons, as covered by IEC 60947-6-1:2021.

Keel: en
Alusdokumendid: IEC 62991:2022; EN IEC 62991:2025

29 ELEKTROTEHNIKA

EVS-EN 62554:2011/A2:2025

Sample preparation for measurement of mercury level in fluorescent lamps and low-pressure mercury UV radiation sources

Amendment to EN 62554:2011

Keel: en
Alusdokumendid: IEC 62554:2011/AMD2:2025; EN 62554:2011/A2:2025
Muudab dokumenti: EVS-EN 62554:2011

EVS-EN IEC 60255-26:2025

Mõõtereleed ja kaitseseadised. Osa 26: Elektromagnetilise ühilduvuse nõuded
Measuring relays and protection equipment - Part 26: Electromagnetic compatibility requirements

1.1 General This part of the IEC 60255 series specifies the requirements for electromagnetic compatibility for measuring relays and protection equipment. It is applicable to measuring relays and protection equipment and combinations of devices to form schemes for power system protection including the control, monitoring, communication and process interface equipment used with those systems. Tests specified in this document are not required for equipment not incorporating electronic circuits, for example electromechanical relays. The requirements specified in this document are applicable to measuring relays and protection equipment in a condition representative of how new equipment is provided by the manufacturer. All tests specified are type tests only. 1.2 Emission This document specifies limits and test methods, for measuring relays and protection equipment in relation to electromagnetic emissions which might cause interference in other equipment. These emission limits represent electromagnetic compatibility requirements and have been selected to ensure that the disturbances generated by measuring relays and protection equipment, operated normally in substations and power plants, do not exceed a specified level which could prevent other equipment from operating as intended. Test requirements are specified for the enclosure, auxiliary power supply ports, input/output ports, signal/control ports and wired network ports. 1.3 Immunity This document specifies the immunity test requirements for measuring relays and protection equipment in relation to continuous and transient, conducted and radiated disturbances, including electrostatic discharges. These test requirements represent the electromagnetic compatibility immunity requirements and have been selected so as to ensure an adequate level of immunity for measuring relays and protection equipment, operated normally in substations and power plants. NOTE 1 Product safety considerations are not covered in this document. NOTE 2 In special cases, situations will arise where the levels of disturbance could exceed the levels specified in this document, for example where a hand-held transmitter or a mobile telephone is used close to measuring relays and protection equipment. In these instances, special precautions and procedures could have to be employed.

Keel: en
Alusdokumendid: IEC 60255-26:2023; EN IEC 60255-26:2025
Asendab dokumenti: EVS-EN 60255-26:2013
Asendab dokumenti: EVS-EN 60255-26:2013/AC:2013

EVS-EN IEC 60255-27:2025

Measuring relays and protection equipment - Part 27: Product safety requirements

IEC 60255-27:2023 specifies the product safety requirements for measuring relays and protection equipment having a rated AC voltage up to 1 000 V, or a rated DC voltage up to 1 500 V. This document specifies essential safety requirements to minimize the risk of fire and hazards caused by electric shock or injury to the user and property. This document specifies only product safety requirements; functional performance of the equipment is not covered. This document covers all the ways in which the equipment can be mounted and used in cabinets, racks and panels. This document also applies to auxiliary devices such as shunts, series resistors, transformers, auxiliary control panels, display devices, etc., that are used in conjunction with measuring relays and protection equipment and are tested together.

Keel: en

Alusdokumendid: IEC 60255-27:2023; EN IEC 60255-27:2025
Asendab dokumenti: EVS-EN 60255-27:2014

EVS-EN IEC 60404-18:2025

Magnetic materials - Part 18: Permanent magnet (magnetically hard) materials - Methods of measurement of the magnetic properties in an open magnetic circuit using a superconducting magnet

IEC 60404-18:2025 defines the general principle and technical details of the methods of measurement of the DC magnetic properties of permanent magnet materials in an open magnetic circuit using a superconducting magnet (SCM). This method is applicable to permanent magnet materials, such as those specified in IEC 60404-8-1, the properties of which are presumed homogeneous throughout their volume. There are two methods: - the SCM-vibrating sample magnetometer (VSM) method; - the SCM-extraction method. This document also specifies methods to correct the influence of the self-demagnetizing field in the test specimen on the demagnetization curve obtained in an open magnetic circuit. The magnetic properties are determined from the corrected demagnetization curve.

Keel: en
Alusdokumendid: IEC 60404-18:2025; EN IEC 60404-18:2025

EVS-EN IEC 60947-5-1:2025

Madalpingelised lülitus- ja juhtimisaparaadid. Osa 5-1: Juhtimisahelaseadmed ja lülituselemendid. Elektromehaanilised juhtimisahelaseadmed
Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices

IEC 60947-5-1:2024 applies to control circuit devices and switching elements intended for controlling, signalling, interlocking, etc., of switchgear and controlgear. It applies to control circuit devices having a rated voltage not exceeding 1 000 V AC (at a frequency not exceeding 1 000 Hz) or 600 V DC. This fifth edition cancels and replaces the fourth 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) update of the scope structure and exclusions; b) requirements for control circuits; c) update of the normal service conditions (e.g. shock and vibration); d) update of information and marking requirements including environmental information requirements referencing IEC TS 63058:2021; e) update of the constructional requirements and the corresponding tests considering safety aspects (e.g. artificial optical radiation, security aspects, limited energy source, stored charge energy circuit); f) update of the EMC requirements according to the generic documents; g) new requirements for reed contact magnetic switches in Annex D; h) requirements for class II circuit devices achieved by double or reinforced insulation in Annex F; i) update of pull-out tests in Annex G; j) information requirements for audible signalling device in Annex J; k) insertion of new Annex O.

Keel: en
Alusdokumendid: IEC 60947-5-1:2024; EN IEC 60947-5-1:2025
Asendab dokumenti: EVS-EN 60947-5-1:2017
Asendab dokumenti: EVS-EN 60947-5-1:2017/AC:2020

EVS-EN IEC 61039:2025

Classification of insulating liquids

IEC 61039:2025 establishes the detailed classification of the N family (insulating liquids) that belongs to class L (lubricants, industrial oils and related products) in accordance with ISO 8681 and ISO 6743-99, affecting product categories that include products derived from petroleum processing, synthetic chemical products and synthetic and natural esters.

Keel: en
Alusdokumendid: IEC 61039:2025; EN IEC 61039:2025
Asendab dokumenti: EVS-EN 61039:2008

EVS-EN IEC 61109:2025

Insulators for overhead lines - Composite suspension and tension insulators for a.c. systems with a nominal voltage greater than 1 000 V - Definitions, test methods and acceptance criteria

This International Standard applies to composite insulators for overhead lines consisting of a load-bearing cylindrical insulating solid core consisting of fibres – usually glass – in a resin-based matrix, a housing (surrounding the insulating core) made of polymeric material and metal end fittings permanently attached to the insulating core. Composite insulators covered by this standard are intended for use as suspension/tension line insulators, but it should be noted that these insulators can occasionally be subjected to compression or bending, for example when used as interphase-spacers. Guidance on such loads is outlined in Annex C. The object of this standard is to – define the terms used, – prescribe test methods, – prescribe acceptance criteria. This standard does not include requirements dealing with the choice of insulators for specific operating conditions or environments.

Keel: en
Alusdokumendid: IEC 61109:2025; EN IEC 61109:2025
Asendab dokumenti: EVS-EN 61109:2008

EVS-EN IEC 61643-01:2025

Madalpingelised liigpingekaitsevahendid. Osa 01: Üldnõuded ja katsemeetodid
Low-voltage surge protective devices - Part 01: General requirements and test methods

IEC 61643-01: 2024 contains the common requirements for all SPDs. This document is applicable to devices for surge protection against indirect and direct effects of lightning or other transient overvoltages, hereafter referred to as Surge Protective Devices

(SPDs). SPDs are intended to be connected to circuits or equipment rated up to 1 000 V AC (RMS) or 1 500 V DC. Performance and safety requirements, tests and ratings are specified in this document. SPDs contain at least one nonlinear component and are intended to limit surge voltages and divert surge currents. This document, together with IEC 61643-11:— (second edition), cancels and replaces the first edition of IEC 61643-11 published in 2011. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the first edition of IEC 61643-11: a) Clarification on test application either to a complete SPD, to a "mode of protection", or to a complete "SPD assembly"; b) Additional measurement of voltage protection level on "combined modes of protection" between live conductors and PE (see new Annex F); c) Additional duty test for T1 SPD and T2 SPD with follow current to check for increased follow current at lower impulse current amplitude (see 9.3.5.5); d) Modified and amended short circuit current test requirements to better cover up-to-date internal SPD disconnector technologies (see 9.3.6.3); e) Improved dielectric test requirements for the SPD's main circuits and added dielectric test requirements for "electrically separated circuits" (see 9.3.7 and 9.3.8); f) Additional clearance requirements for "electrically separated circuits" (see 9.4.4); g) Additional information and details for SPDs for DC installations.

Keel: en
Alusdokumendid: IEC 61643-01:2024; EN IEC 61643-01:2025

EVS-EN IEC 61643-01:2025/A11:2025

Madalpingelised liigpingekaitsevahendid. Osa 01: Üldnõuded ja katsemeetodid
Low-voltage surge protective devices - Part 01: General Requirements and test methods

Amendment to EN IEC 61643-01:2025

Keel: en
Alusdokumendid: EN IEC 61643-01:2025/A11:2025
Muudab dokumenti: EVS-EN IEC 61643-01:2025

EVS-EN IEC 61788-27:2025

Superconductivity - Part 27: Twist pitch measurement of practical superconducting wires - Twist pitch measurement of Nb-Ti/Cu and Nb-Sn/Cu composite superconductors

IEC 61788-27:2025 specifies a test method for the twist pitch measurement of Nb-Ti/Cu and Nb-Sn/Cu composite superconductors by an untwisting method. The test method is applicable to Nb-Ti/Cu and Nb-Sn/Cu composite superconducting wires with monolithic structures, which have either a round cross section with a diameter ranging from 0,2 mm to 2 mm or a rectangular cross section that is equivalent in area to the round cross-sectional wires. These wires possess a filament diameter ranging from 6 µm to 200 µm, a twist pitch between 5 mm and 50 mm, and a matrix of copper or copper alloy. This document uses nitric acid to remove the matrix (copper or copper alloy), so the surface of the composite superconducting wire can be plated with a material that is dissolvable by nitric acid. Though uncertainty can increase, the method can apply to Nb-Ti/Cu or Nb-Sn/Cu composite superconducting wires when the parameters of cross-sectional area, filament diameter and twist pitch are out of the limit. The test method specified in this document is expected to apply to other types of composite superconducting wires after some appropriate modifications.

Keel: en
Alusdokumendid: IEC 61788-27:2025; EN IEC 61788-27:2025

EVS-EN IEC 61800-3:2023/AC:2025

Reguleeritava kiirusega elektriajamisüsteemid. Osa 3: Elektriajamisüsteemide ja tööpinkide elektromagnetilise ühilduvuse nõuded ja erikatsetusmeetodid
Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods for PDS and machine tools

Parandus standardile EN IEC 61800-3:2023

Keel: en
Alusdokumendid: EN IEC 61800-3:2023/AC:2025-04; IEC 61800-3:2022/COR1:2025
Parandab dokumenti: EVS-EN IEC 61800-3:2023

EVS-EN IEC 62868-1:2021/A1:2025

Orgaanvalgusdioodvalgusallikad (orgaanleedvalgusallikad) üldtarbevalgustuseks. Ohutus. Osa 1: Üldnõuded ja katsetused
Organic light emitting diode (OLED) light sources for general lighting - Safety - Part 1: General requirements and tests

Amendment to EN IEC 62868-1:2021

Keel: en
Alusdokumendid: IEC 62868-1:2020/AMD1:2025; EN IEC 62868-1:2021/A1:2025
Muudab dokumenti: EVS-EN IEC 62868-1:2021

EVS-EN IEC 62868-2-3:2021/A1:2025

Orgaanvalgusdioodvalgusallikad (orgaanleedvalgusallikad) üldtarbevalgustuseks. Ohutus. Osa 2-3: Erinõuded. Paindlikud orgaanleedplaadid ja -paneelid
Organic light emitting diode (OLED) light sources for general lighting - Safety - Part 2-3: Particular requirements - Flexible OLED tiles and panels

Amendment to EN IEC 62868-2-3:2021

Keel: en
Alusdokumendid: IEC 62868-2-3:2021/AMD1:2025; EN IEC 62868-2-3:2021/A1:2025
Muudab dokumenti: EVS-EN IEC 62868-2-3:2021

EVS-EN IEC 62868-2-4:2025

Organic light emitting diode (OLED) light sources for general lighting - Safety - Part 2-4: Particular requirements - Rigid OLED tiles and panels

IEC 62868-2-4:2025 specifies the safety requirements for rigid organic light emitting diode (OLED) tiles and panels for use on supplies up to 120 V ripple free DC for indoor and similar general lighting purposes.

Keel: en
Alusdokumendid: IEC 62868-2-4:2025; EN IEC 62868-2-4:2025

EVS-EN IEC 62902:2025

Secondary cells and batteries - Marking symbols for identification of their chemistry

IEC 62902:2025 specifies methods for the clear identification of secondary cells, batteries, battery modules and monoblocs according to their chemistry (electrochemical storage technology). The markings described in this document are applicable to - secondary cells, - batteries, - battery modules, and - monoblocs, when they are placed on the market for end use and when their battery volume exceeds 900 cm3. The chemistry marking is useful for the installation, operation and decommissioning phases in the battery's life cycle. This document defines the conditions of use of the markings indicating the chemistry of these secondary batteries.

Keel: en
Alusdokumendid: IEC 62902:2025; EN IEC 62902:2025
Asendab dokumenti: EVS-EN IEC 62902:2019

EVS-EN IEC 62991:2025

Allikalülitusseadmete erinõuded
Particular requirements for source switching equipment (SSE)

This International Standard applies to Source Switching Equipment, hereafter referred to as SSE(s), for household and similar uses, primarily intended to be used for Energy Efficiency purposes with local production and/or storage of energy. This standard has been drafted following principles of: - IEC guides 118 and 119 for Energy Efficiency; - IEC guide 110 for safety. SSEs are intended to be installed in low voltage prosumer electrical installations (PEI) to deliver the electrical energy: - either to current-using equipment (direct feeding mode or island mode); - or to the grid (reverse feeding mode). SSEs are intended to select and/or combine two power sources (e.g. selected among grid, local power source, storage units) within an Electrical Energy Management system (EEMS). SSEs may also be used for backup supply. NOTE SSEs capable to select more than two sources are under consideration. SSEs are part of the fixed electrical installation. This standard applies to SSEs for operation in: - AC single or multiphase circuits with rated voltages not exceeding 440 V AC, frequencies of 50 Hz, 60 Hz or 50/60 Hz and rated currents not exceeding 125 A. They are intended to be used in installations with prospective short circuit current not exceeding 25 000 A, or - DC circuits. SSE for DC circuits are under consideration (next edition). SSEs may be operated: - manually (M-SSE), or - remotely (R-SSE), or - automatically (A-SSE), or - a combination of the above methods of operation, e.g. manual and remote. SSEs are constructed either as Combined-SSEs (C-SSEs, based on dedicated products suc as circuit breakers, switches or contactors) or Non-Combined SSEs (NC-SSEs). SSEs are intended for use in circuits where protection against electrical shock and over-current according to IEC 60364 is provided, unless the SSE already contains such protective function. SSEs are normally installed by instructed persons (IEC 60050-195:1998, 195-04-02) or skilled persons (IEC 60050-195:1998, 195-04-01). SSEs are normally used by ordinary persons (IEC 60005-195:1998, 195-04-03) and do not require maintenance. The requirements of this standard apply for standard environmental 420 conditions as given in clause 7. They are applicable to SSEs intended for use in an environment with pollution degree 2 and overvoltage categories III according to IEC 60664-1:2020. SSEs have at least a degree of protection IP 20 according to IEC 60529. Additional requirements may be necessary for devices used in locations having more severe environmental conditions. SSEs do not, by their nature, provide an isolation function nor the overcurrent protection. However, isolation and overcurrent protection functions as covered by relevant product standards may be provided by Combined SSEs. In some countries, it is not permitted to have synchronization of local sources with the grid for particular grid conditions, e.g. when fluctuations of the grid voltage or frequency are outside the tolerance limits. This document does not apply to transfer switching equipment (TSE) intended to be used by skilled persons, as covered by IEC 60947-6-1:2021.

Keel: en
Alusdokumendid: IEC 62991:2022; EN IEC 62991:2025

EVS-EN IEC 63522-25:2025

Electrical relays - Tests and measurements - Part 25: Magnetic interference

IEC 63522-25:2025 Used for testing along with the appropriate severities and conditions for measurements and tests designed to assess the ability of DUTs to perform under expected conditions of transportation, storage and all aspects of operational use. This document defines a standard test method to check the magnetic interference between relays under operating conditions and their influence on other relays in the neighbourhood.

Keel: en
Alusdokumendid: IEC 63522-25:2025; EN IEC 63522-25:2025

EVS-EN IEC 63522-35:2025

Electrical relays - Tests and measurements - Part 35: Resistance to cleaning solvents

IEC 63522-35:2025 is used for testing all kind of relays within the scope of technical committee 94 and evaluates their ability to perform under expected conditions of transportation, storage and all aspects of operational use. This document defines a standard test method for resistance to cleaning solvents.

Keel: en
Alusdokumendid: IEC 63522-35:2025; EN IEC 63522-35:2025

EVS-EN IEC 63522-36:2025

Electrical relays - Tests and measurements - Part 36: Fire hazard

IEC 63522-36:2025 is used for testing all kinds of relays and evaluates their ability to perform under expected conditions of transportation, storage, and all aspects of operational use. This document defines a standard test method to measure fire hazards of all materials susceptible to fire hazards.

Keel: en
Alusdokumendid: IEC 63522-36:2025; EN IEC 63522-36:2025

EVS-EN IEC 63522-39:2025

Electrical relays - Tests and measurements - Part 39: Insertion and withdrawal force

IEC 63522-39:2025 is used for testing all kind of relays and shall evaluate their ability to perform under expected conditions of transportation, storage and all aspects of operational use. This document defines standard test methods for: 1. measuring the insertion and withdrawal forces of the mating relay and socket; 2. measuring the insertion and withdrawal forces on relays with flat quickconnect terminations; 3. verifying the correct connection of flat terminals with eye lug connectors.

Keel: en
Alusdokumendid: IEC 63522-39:2025; EN IEC 63522-39:2025

EVS-EN IEC 63522-6:2025

Electrical relays - Tests and measurements - Part 6: Contact-circuit resistance or voltage drop

IEC 63522-6:2025 is used for testing all kinds of relays and evaluates their ability to perform under expected conditions of transportation, storage, and all aspects of operational use. This document defines a standard test method to measure contact-circuit resistance or voltage drop.

Keel: en
Alusdokumendid: IEC 63522-6:2025; EN IEC 63522-6:2025

EVS-EN IEC/IEEE 60076-57-1202:2025

Power transformers - Part 57-1202: Liquid immersed phase-shifting transformers

This standard covers the requirements for phase-shifting transformers of all types. The scope excludes transformers with an unregulated phase shift. This document is limited to matters particular to phase-shifting transformers and does not include matters relating to general requirements for power transformers covered in existing standards in the EN 60076 series

Keel: en
Alusdokumendid: EN IEC/IEEE 60076-57-1202:2025; IEC/IEEE 60076-57-1202:2017

EVS-EN IEC/IEEE 60076-57-1202:2025/A11:2025

Power transformers - Part 57-1202: Liquid immersed phase-shifting transformers

This standard covers the requirements for phase-shifting transformers of all types. The scope excludes transformers with an unregulated phase shift. This document is limited to matters particular to phase-shifting transformers and does not include matters relating to general requirements for power transformers covered in existing standards in the EN 60076 series.

Keel: en
Alusdokumendid: EN IEC/IEEE 60076-57-1202:2025/A11:2025
Muudab dokumenti: EVS-EN IEC/IEEE 60076-57-1202:2025

31 ELEKTROONIKA

EVS-EN IEC 60393-3:2023/AC:2025

Potentiometers for use in electronic equipment - Part 3: Sectional specification: Rotary precision potentiometers

Corrigendum to EN IEC 60393-3:2023

Keel: en
Alusdokumendid: EN IEC 60393-3:2023/AC:2025-04; IEC 60393-3:2023/COR1:2025
Parandab dokumenti: EVS-EN IEC 60393-3:2023

EVS-EN IEC 62276:2025

Single crystal wafers for surface acoustic wave (SAW) device applications - Specifications and measuring methods

This document applies to the manufacture of synthetic quartz, lithium niobate (LN), lithium tantalate (LT), lithium tetraborate (LBO), and lanthanum gallium silicate (LGS) single crystal wafers intended for use as substrates in the manufacture of surface acoustic wave (SAW) filters and resonators.

Keel: en
Alusdokumendid: EN IEC 62276:2025; IEC 62276:2025
Asendab dokumenti: EVS-EN 62276:2016

EVS-EN IEC 62878-2-603:2025

Device embedding assembly technology - Part 2-603: Guideline for stacked electronic module - Test method of intra-module electrical connectivity

IEC 62878-2-603:2025 specifies the electrical test method to detect electrical connectivity defects of the stacked electronic module caused by the stacking assembly process to stack some stackable electronic modules. This method is realized to make use of bidirectional serial communication bus interface applied to the stackable electronic modules which are assured as "known good module" (KGM).

Keel: en
Alusdokumendid: IEC 62878-2-603:2025; EN IEC 62878-2-603:2025

33 SIDETEHNIKA

EVS-EN 16494:2025

Raudteealased rakendused. Nõuded ERTMS-i raudteeäärsetele signaalidele
Railway applications - Requirements for ERTMS Trackside Boards

This document is applicable to the heavy rail system. This document defines the requirements for the provision, visibility, readability, maintenance and testing of a specific set of ERTMS trackside boards associated with the following DMI and ETCS track conditions: — ETCS stop marker — ETCS location marker — level transition, corresponding to transitions between ETCS levels — lower pantograph — pantograph lowered — raise pantograph — neutral section announcement — neutral section — end of neutral section — GSM-R network border marker — no traction system fitted announcement — no traction system fitted indication — traction system AC 25 kV 50 Hz announcement — traction system AC 25 kV 50 Hz indication — traction system AC 15 kV 16,7 Hz announcement — traction system AC 15 kV 16,7 Hz indication — traction system DC 3 kV announcement — traction system DC 3 kV indication — traction system DC 1,5 kV announcement — traction system DC 1,5 kV indication — traction system DC 600/750 V announcement — traction system DC 600/750 V indication — activate the audible warning device (horn) indication — safe stopping area announcement — safe stopping area indication for start — safe stopping area indication for end — inhibition of brake announcement/indication for start/indication for revocation — level crossing marker NOTE 1 the brake MBs apply for any of the three brake types (eddy current, magnetic shoe, regenerative), whereas the exact type concerned would be known by the driver via existing Route knowledge. The following ETCS track conditions are outside the scope of this Standard: — Safe stopping area semi-continuous indication for in-between — Non-stopping area announcement — Non-stopping area announcement — Non stopping area indication for start — Non stopping area indication for end — Non stopping area semi-continuous indication for in-between — Close air conditioning intake announcement — Close air conditioning intake indication — Open air conditioning intake announcement — Open air conditioning intake indication This document includes the arrangement of the boards and their interface with existing systems (track, cab design including cab sight lines, visibility by the driver and train head lamps). Mobile, backlit and temporary signs are not within the scope of this document. The application of ERTMS trackside boards is not within the scope of this document. Sighting requirements are not within the scope of this document. The sighting process needs to be implemented in accordance with national rules.

Keel: en
Alusdokumendid: EN 16494:2025
Asendab dokumenti: EVS-EN 16494:2015

EVS-EN IEC 60794-1-307:2025

Optical fibre cables - Part 1-307: Generic specification - Basic optical cable test procedures - Cable element test methods - Tube kinking, method G7

IEC 60794-1-307:2025 describes test procedures used in establishing uniform requirements of tubes for the mechanical property kinking. This document applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors. Throughout the document, the wording "optical cable" can also include optical fibre units, microduct fibre units, etc. This first edition partially cancels and replaces the second edition of IEC 60794-1-23 published in 2019. This edition constitutes a technical revision.This edition includes the following significant technical changes with respect to IEC 60794-1-23:2019: a) renumbering of the existing test method G7 as G7A; b) addition of test parameter L and calculated loop diameter D in Table 1 for method G7A; c) addition of a new test procedure for tubes routed within installation devices and numbering it as G7B.

Keel: en
Alusdokumendid: IEC 60794-1-307:2025; EN IEC 60794-1-307:2025

EVS-EN IEC 61000-4-2:2025

Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test

IEC 61000-4-2: 2025 relates to the immunity requirements and test methods for electrical and electronic equipment subjected to static electricity discharges from operators directly and from personnel to adjacent objects. It additionally specifies ranges of test levels which relate to different environmental, and installation conditions and establishes test procedures. The objective of this document is to establish a common and reproducible basis for evaluating the performance of electrical and electronic equipment when subjected to electrostatic discharges. In addition, it includes electrostatic discharges which can occur from personnel to objects near the equipment. This document specifies: - ideal waveform of the discharge current; - range of test levels; - test equipment; - test setup; - test procedure; - calibration procedure; - measurement uncertainty. This document gives specifications for tests performed in laboratories and guidance to post-installation tests. This document is not intended to specify the tests to be applied to particular apparatus or systems. The main aim is to give a general basic reference to all concerned product committees. The product committees remain responsible for the appropriate choice of the tests and the severity level to be applied to their equipment. This document excludes tests intended to evaluate the ESD sensitivity of devices during handling and packaging. It is not intended for use in characterizing the performance of ESD protection circuit IEC Guide 107. This document forms Part 4-2 of IEC 61000. It has the status of a basic EMC publication in accordance with IEC Guide 107. This third edition cancels and replaces the second edition published in 2008. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) added a calibration requirement for ESD generators with air discharge tip; b) added a normative annex for test setups for particular kind of equipment (see Annex I); c) added an informative annex for wearable devices (see Annex J); d) added an informative annex on how to select test points and give guidance on how to specify the number of pulses for direct contact discharges (see Annex E); e) moved Clause 9 into a new informative annex (see Annex K); f) improvement of the current calibration procedure; g) improvement of the measurement uncertainty considerations with examples of uncertainty budgets; h) because post-installation tests cannot be performed in a controlled environment, this test method has been moved into a new informative Annex G.

Keel: en
Alusdokumendid: IEC 61000-4-2:2025; EN IEC 61000-4-2:2025
Asendab dokumenti: EVS-EN 61000-4-2:2009

EVS-EN IEC 61753-086-02:2025

Fibre optic interconnecting devices and passive components - Performance standard - Part 086-02: Non-connectorized single-mode bidirectional 1 490 / 1 550 nm downstream and 1 310 nm upstream WWDM devices for category C - Indoor controlled environment

This part of IEC 61753 contains the minimum initial performance, test and measurement requirements and severities which a fibre optic pigtailed 1 490 / 1 550 nm downstream and 1 310 nm upstream wide wavelength division multiplexing (WWDM) passive optical network (PON) device must satisfy in order to be categorized as meeting the requirements of category C (Indoor controlled environment), as defined in Annex A of IEC 61753-1: 2018. WWDM is defined in IEC 62074-1. Annex B give general information for these PON WWDM devices.

Keel: en
Alusdokumendid: IEC 61753-086-02:2025; EN IEC 61753-086-02:2025
Asendab dokumenti: EVS-EN 61753-086-2:2009

EVS-EN IEC 61800-3:2023/AC:2025

Reguleeritava kiirusega elektriajamisüsteemid. Osa 3: Elektriajamisüsteemide ja tööpinkide elektromagnetilise ühilduvuse nõuded ja erikatsetusmeetodid
Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods for PDS and machine tools

Parandus standardile EN IEC 61800-3:2023

Keel: en
Alusdokumendid: EN IEC 61800-3:2023/AC:2025-04; IEC 61800-3:2022/COR1:2025
Parandab dokumenti: EVS-EN IEC 61800-3:2023

EVS-EN IEC 62037-1:2025

Passive RF and microwave devices, intermodulation level measurement - Part 1: General requirements and measuring methods

IEC 62037-1:2025 deals with the general requirements and measuring methods for intermodulation (IM) level measurement of passive RF and microwave components, which can be caused by the presence of two or more transmitting signals. The test procedures given in this document give the general requirements and measurement methods required to characterize the level of unwanted IM signals using two transmitting signals. The IEC 62037 series addresses the measurement of PIM but does not cover the long-term reliability of a product with reference to its performance. This third edition cancels and replaces the second edition published in 2021. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) added clarification that PIM generation is typically frequency dependent and noted that testing with swept or multiple fixed frequencies often provides more accurate results; b) identified multi-port PIM analyzers as a possible test set-up topography; c) added specification that test power level does not exceed the power handling capability of the DUT; d) updated test specification to include missing parameters needed to properly define a PIM test; e) added clarification that PIM test reports include the maximum PIM value measured over the test duration; f) corrected error in Figure 3 that was erroneously changed in IEC 62037-1:2021.

Keel: en

Alusdokumendid: IEC 62037-1:2025; EN IEC 62037-1:2025
Asendab dokumenti: EVS-EN IEC 62037-1:2021

35 INFOTEHNOLOOGIA

CEN/CLC/TS 18072:2025
Requirements for Conformity Assessment Bodies certifying Cloud Services

This TS provides requirements and ISO/IEC 17065 interpretations for Conformity Assessment Bodies (CABs) assessing Cloud Services This TS is intended to be used by the National Accreditation Bodies (NABs), as well as CABs.

Keel: en
Alusdokumendid: CEN/CLC/TS 18072:2025

CLC ISO/IEC/TS 29125:2025
Information technology - Telecommunications cabling requirements for remote powering of terminal equipment

This document a) addresses the support of safety extra low voltage (SELV) and limited power source (LPS) applications that provide remote power over: • 4-pair balanced cabling in accordance with the reference implementations of EN 50173 series using currents per conductor of up to 500 mA; • 1-pair balanced cabling using currents per conductor of up to 2 000 mA; and targets the support of applications that provide remote power over balanced cabling to terminal equipment, b) covers the transmission and electrical parameters needed to support remote power over balanced cabling, c) covers various installation scenarios and how these may impact the capability of balanced cabling to support remote powering, d) specifies design and configuration of cabling as specified in EN 50173-1. NOTE SELV requirements specify a maximum voltage of 60 V DC and LPS is understood in the applications referenced to be up to 100 W supplied within cabling. This document includes a mathematical model to predict the behaviour of different bundle sizes, various cabling constructions, and installation conditions for different current capacities.

Keel: en
Alusdokumendid: ISO/IEC TS 29125:2017; ISO/IEC TS 29125:2017/Amd 1:2020; CLC ISO/IEC/TS 29125:2025

CLC/TR 50542-1:2025
Railway applications - Driver's cab train display controller (TDC) - Part 1: General architecture

In accordance with the ERTMS/ETCS specifications (mainly Subset 026 and ERA_ERTMS_015560 document), UIC 612 leaflet, EN 50126 (series), EN 16186 (series) and EN 61375 (series) requirements, this Technical Report describes the Train Display System (TDS) in the driver’s cab which comprises the Train Display Controller (TDC) and the following six interfaces: - Interface with Command Control Display (CCD), - Interface with Train Radio Display (TRD), - Interface with Electronic Timetable Display (ETD), - Interface with Technical and Diagnostic Display (TDD), - Interface with ETCS Onboard systems and the interfaced STMs, which is excluded from the scope of this document, - Interface with Other Onboard Systems. [Figure 1] NOTE Dotted lines are not described by this document. The scope of this document is to define the functional architecture around the (TDC). This document excludes the following items: - Communication protocols (e.g. EN 61375 series); - Ergonomic aspects; - Interface with ETCS Onboard systems and the interfaced STMs; - Train functions; - GSM-R EIRENE functions; - Use of the displays as terminals for maintenance purpose.

Keel: en
Alusdokumendid: CLC/TR 50542-1:2025
Asendab dokumenti: CLC/TR 50542-1:2018

CLC/TR 50542-2:2025
Railway applications - Driver's cab Train Display Controller (TDC) - Part 2: Display systems FIS

The scope of this document is the definition of the functional interface between TDC and DMIs. [Figure 1] The DMIs are those defined and considered in CLC/TR 50542 1:2025. The TDC is defined in CLC/TR 50542 1:2025. NOTE 1 The conversion of physical signals into numerical representation is out of scope. NOTE 2 The term DMI is used in this clause as synonym for display.

Keel: en
Alusdokumendid: CLC/TR 50542-2:2025
Asendab dokumenti: CLC/TR 50542-2:2016

CWA 17852
Extensions for Financial Services (XFS) - XFS4IoT Specification - 2024-03 Release

XFS4IoT has been identified as a successor to XFS 3.x to meet the following requirements: 1. Replace the XFS and J/XFS standards in the marketplace. 2. Target industries - Retail Banking. 3. Operating System Agnostic and Technology and Language Adaptable. 4. Multi-Vendor - Able to run common core high level functionality on multiple vendors hardware, while providing access to finer level device API granularity. 5. Flexibility - enabling new hardware topologies, device types and functionality to be rapidly adapted. 6. Support end to end application level security. 7. Should not prevent the use of a low resource computing environment. 8. Provide a good developer experience by providing a well-documented API that is easy to learn, is quick to market and reduces risk by exposing an unambiguous interface. 9. Leverage existing standards. Within the overall requirements specified in the Charter, the opportunity has been taken to solve some of the issues with the 3.x interface while retaining all the same functionality: 1. Binary data structures makes adding new functionality difficult due to compatibility issues, leading to multiple redundant versions of the same command appearing in many of the existing device classes. To resolve this, a flexible text based approach has been adopted including the wide use of default parameters. 2. Compound devices have been difficult for applications to implement, particularly cash recycling. Addition of other shared functionality such as end to end security would make the use of compound devices more prevalent. Compound devices are removed in XFS4IoT, a single Service can support as many

interfaces as required to support its requirements. Migration from and to 3.x is a major consideration to support adoption of XFS4IoT. While a lot of duplication has been removed (for example the Card Reader interface has fewer commands and events defined than the equivalent 3.x IDC specification), all the same IDC commands and events can be implemented. In some cases, this is achieved by having shared common commands such as Common.Status which replaces all the 3.x WFS_INF_XXX_STATUS commands.

Keel: en
Alusdokumendid: CWA 17852:2025
Asendab dokumenti: CWA 17852:2022

CWA 18211:2025

Reference Architecture for AI solutions' application within process industry - The s-X-AIPI experience

The scope of this CEN Workshop Agreement (CWA) is to define a Reference Architecture for the integration of AI technologies in process industries. This Reference Architecture aims to provide a comprehensive framework for implementing AI technologies across various sectors within process industries, establish guidelines for the adoption of advanced autonomic management systems, and ensure compatibility with existing European standards while fostering innovation. The Reference Architecture contextualises the MAPE-K methodology, analyses relevant existing frameworks (including RAMI 4.0, IIRA, FIWARE, IDS RAM 4.0, BEinCPPS, and CAPRI), and addresses specific industrial implementation scenarios. The scope limitations are as follows: - The CWA does not develop requirements related to machinery safety. - Safety-related requirements are outside the scope. - The document is intended to be informative, complementing rather than replacing existing standards and mandatory production procedures.

Keel: en
Alusdokumendid: CWA 18211:2025

EVS-EN 15876:2025

Electronic fee collection - Evaluation of on-board and roadside equipment for conformity to EN 15509

This document specifies the test suite structure (TSS) and test purposes (TPs) for evaluation of on-board equipment (OBE) and roadside equipment (RSE) to EN 15509. Normative Annex A presents the test purposes for the OBE. Normative Annex B presents the test purposes for the RSE. Normative Annex C provides the protocol conformance test report (PCTR) proforma for OBE. Normative Annex D provides the PCTR proforma for RSE.

Keel: en
Alusdokumendid: EN 15876:2025
Asendab dokumenti: EVS-EN 15876:2023

EVS-EN 16072:2025

Intelligent transport systems - ESafety - Pan-European eCall operating requirements

The objective of implementing the pan-European in-vehicle emergency call system (eCall) is to automate the notification of a traffic accident, wherever in Europe, with the same technical standards and the same quality of services objectives by using 'Public Land Mobile Networks'(PLMN), which supports the European pre-assigned emergency destination address (see normative references) and to provide a means of manually triggering the notification of an incident. This document specifies the general operating requirements and intrinsic procedures for in-vehicle emergency call (eCall) services in order to transfer an emergency message from a vehicle to a Public Safety Answering Point (PSAP) in the event of a crash or emergency, via an eCall communication session and to establish a voice channel between the in-vehicle equipment and the PSAP. Private third party in-vehicle emergency supporting services can also provide a similar eCall function by other means. The provision of such services are defined in EN 16102, and are outside the scope of this document. The communications protocols and methods for the transmission of the MSD are not specified in this document. This document specifies the operating requirements for an eCall service. An important part of the eCall service is a Minimum Set of Data (MSD). The operating requirements for the MSD are determined in this document, but the form and data content of the MSD is not defined herein. A common European MSD is determined in EN 15722. This document does not specify whether eCall is provided using embedded equipment or other means (for example in the case of aftermarket equipment).

Keel: en
Alusdokumendid: EN 16072:2025
Asendab dokumenti: EVS-EN 16072:2022

EVS-EN ISO 12855:2025

Electronic fee collection - Information exchange between service provision and toll charging (ISO 12855:2025)

This document specifies: — the interfaces between electronic fee collection (EFC) back-office systems for vehicle-related transport services, e.g. road user charging, parking and access control; — an exchange of information between the back-office system of the two roles of service provision and toll charging, e.g.: — charging-related data (toll declarations, billing details, payment claims, payment announcements), — administrative data (trust objects, EFC context data, etc.), and — confirmation data; — transfer mechanisms and supporting functions; — information objects, data syntax and semantics. This document is applicable for any vehicle-related toll service and any technology used for charging. The data types and associated coding related to the data elements described in Clause 6 are specified in Annex A, using the abstract syntax notation one (ASN.1) according to ISO/IEC 8824-1. This document specifies basic protocol mechanisms over which implementations can specify and perform complex transfers (transactions). This document does not specify, amongst others: — any communication between TC or TSP with any other involved party; — any communication between elements of the TC and the TSP that is not part of the back-office

communication; — interfaces for EFC systems for public transport; — any complex transfers (transactions), i.e. sequences of inter-related ADUs that can possibly involve several APDU exchanges; — processes regarding payments and exchanges of fiscal, commercial or legal accounting documents; — definitions of service communication channels, protocols and service primitives to transfer the APDU.

Keel: en
Alusdokumendid: ISO 12855:2025; EN ISO 12855:2025
Asendab dokumenti: EVS-EN ISO 12855:2022

EVS-EN ISO 18750:2025
Intelligent transport systems - Local dynamic map (ISO 18750:2025)

This document: — describes the functionality of a "local dynamic map" (LDM) in the context of the "bounded secured managed domain" (BSMD); — specifies: — general characteristics of LDM Data Objects (LDM-DOs) that can be stored in an LDM, i.e. information on real objects such as vehicles, road works sections, slow traffic sections, special weather condition sections, which are as a minimum requirement location-referenced and time-referenced; — service access point functions providing interfaces in an ITS station (ITS-S) to access an LDM for: — secure add, update and delete access for ITS-S application processes; — secure read access (query) for ITS-S application processes; — secure notifications (upon subscription) to ITS-S application processes; — management access: — secure registration, de-registration and revocation of ITS-S application processes at LDM; — secure subscription and cancellation of subscriptions of ITS-S application processes; — procedures in an LDM considering: — means for maintaining the content and integrity of the data store; — mechanisms supporting several LDMs in a single ITS station unit.

Keel: en
Alusdokumendid: ISO 18750:2025; EN ISO 18750:2025
Asendab dokumenti: EVS-EN ISO 18750:2018

EVS-EN ISO 19116:2025
Geographic information - Positioning services (ISO 19116:2025)

This document specifies the data structure and content of an interface that permits communication between position-providing device(s) and position-using device(s) enabling the position-using device(s) to obtain and unambiguously interpret position information and determine, based on a measure of the degree of reliability, whether the resulting position information meets the requirements of the intended use. A standardized interface for positioning allows the integration of reliable position information obtained from non-specific positioning technologies and is useful in various location-focused information applications, such as surveying, navigation, intelligent transportation systems (ITS) and location-based services (LBS).

Keel: en
Alusdokumendid: ISO 19116:2025; EN ISO 19116:2025
Asendab dokumenti: EVS-EN ISO 19116:2019
Asendab dokumenti: EVS-EN ISO 19116:2019/A1:2021

43 MAANTEESÕIDUKITE EHITUS

EVS-EN 50374:2025
Juhtmekärud
Conductor cars

This document applies to conductor car that are used to access overhead line conductors, shield wires or shield wires with integrated communication systems to undertake work involving rectification of defects and/or installing components and fittings. This document covers also bicycle type access equipment where it is applicable.

Keel: en
Alusdokumendid: EN 50374:2025
Asendab dokumenti: EVS-EN 50374:2004

45 RAUDTEETEHNIKA

CLC/TR 50542-1:2025
Railway applications - Driver's cab train display controller (TDC) - Part 1: General architecture

In accordance with the ERTMS/ETCS specifications (mainly Subset 026 and ERA_ERTMS_015560 document), UIC 612 leaflet, EN 50126 (series), EN 16186 (series) and EN 61375 (series) requirements, this Technical Report describes the Train Display System (TDS) in the driver’s cab which comprises the Train Display Controller (TDC) and the following six interfaces: - Interface with Command Control Display (CCD), - Interface with Train Radio Display (TRD), - Interface with Electronic Timetable Display (ETD), - Interface with Technical and Diagnostic Display (TDD), - Interface with ETCS Onboard systems and the interfaced STMs, which is excluded from the scope of this document, - Interface with Other Onboard Systems. [Figure 1] NOTE Dotted lines are not described by this document. The scope of this document is to define the functional architecture around the (TDC). This document excludes the following items: - Communication protocols (e.g. EN 61375 series); - Ergonomic aspects; - Interface with ETCS Onboard systems and the interfaced STMs; - Train functions; - GSM-R EIRENE functions; - Use of the displays as terminals for maintenance purpose.

Keel: en
Alusdokumendid: CLC/TR 50542-1:2025
Asendab dokumenti: CLC/TR 50542-1:2018

CLC/TR 50542-2:2025

Railway applications - Driver's cab Train Display Controller (TDC) - Part 2: Display systems FIS

The scope of this document is the definition of the functional interface between TDC and DMIs. [Figure 1] The DMIs are those defined and considered in CLC/TR 50542 1:2025. The TDC is defined in CLC/TR 50542 1:2025. NOTE 1 The conversion of physical signals into numerical representation is out of scope. NOTE 2 The term DMI is used in this clause as synonym for display.

Keel: en
Alusdokumendid: CLC/TR 50542-2:2025
Asendab dokumenti: CLC/TR 50542-2:2016

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 10239:2025

Väikelaevad. Veeldatud naftagaasi (LPG) süsteemid
Small craft - Liquefied petroleum gas (LPG) systems (ISO 10239:2025)

This document addresses the installation of permanently installed liquefied petroleum gas (LPG) systems and LPG-burning appliances on small craft. This document does not apply to LPG-fuelled propulsion engines or LPG-driven generators. This document addresses cooking appliances with internal LPG cartridges, with a capacity of 225 g or less (See Annex D). This document addresses storage of all LPG cylinders but is not intended to regulate the technical requirements for such cylinders that are subject to national regulations. It does not contain procedures for commissioning new LPG installations or system maintenance or upgrades. Competent persons responsible for commissioning LPG installations should use relevant national codes and procedures appropriate to the country concerned.

Keel: en
Alusdokumendid: EN ISO 10239:2025; ISO 10239:2025
Asendab dokumenti: EVS-EN ISO 10239:2017

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 2285:2025

Aerospace series - Bush, plain, aluminium alloy, with self-lubricating liner - Dimensions and loads

This document specifies the characteristics of plain bushes in aluminium alloy with self-lubricating liner and the design recommendation of shafts and housings. The bushes are intended for use in assembly with an interference fit into fixed and moving aerospace parts.

Keel: en
Alusdokumendid: EN 2285:2025
Asendab dokumenti: EVS-EN 2285:2017

EVS-EN 2286:2025

Aerospace series - Bush, flanged aluminium alloy, with self-lubricating liner - Dimensions and loads

This document specifies the characteristics of flanged bushes in aluminium alloy with self-lubricating liner and the design recommendation of shafts and housings. The bushes are intended for use in assembly with an interference fit into fixed and moving aerospace parts.

Keel: en
Alusdokumendid: EN 2286:2025
Asendab dokumenti: EVS-EN 2286:2017

EVS-EN 3155-001:2025

Aerospace series - Electrical contacts used in elements of connection - Part 001: Technical Specification

This document specifies: - the electrical, mechanical, environmental and dimensional characteristics of electrical contacts used in elements of connection, including coaxial, triaxial and quadrax contacts; - the conditions for qualification, acceptance testing and quality assurance; - the test programs and groups. It is applicable to removable crimp contacts, wrap contacts, solder contacts used in connectors or in other elements of electrical connection. In case of conflict or missing information between the EN 3155-001 and the product standards, the product standard takes precedence.

Keel: en
Alusdokumendid: EN 3155-001:2025
Asendab dokumenti: EVS-EN 3155-001:2016

EVS-EN 4530-004:2025

Aerospace series - Sealing sleeves used in elements of connection - Part 004: Sealing sleeves for external diameter cable 3 mm to 5,8 mm - Product standard

This document specifies the required characteristics and tests applicable to sealing sleeves used in elements of connection according to EN 3155 002 and EN 4530-002.

Keel: en
Alusdokumendid: EN 4530-004:2025

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN 1459-1:2025

Maastikusuutlikud laadurid. Ohutusnõuded ja vastavuskontroll. Osa 1: Teleskooplaadurid
Rough-terrain trucks - Safety requirements and verification - Part 1: Variable-reach trucks

This document specifies the safety requirements of self-propelled rough-terrain variable-reach trucks (hereafter referred to as trucks), intended to handle loads, equipped with a telescopic lifting means (pivoted boom), on which a load handling device (e.g. carriage and fork arms) is fitted. For the purpose of this document, rough-terrain variable-reach trucks are designed to transport, lift and place loads and can be driven on unimproved terrain. Fork arms are considered to be part of the truck. Trucks can also be equipped with a variety of attachments (e.g. bale spikes, mowers, sweepers). This document deals with all the significant hazards, hazardous situations and events relevant to the trucks when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex A). This document does not apply to: — slewing rough-terrain variable-reach trucks covered by EN 1459 2:2015+A1:2018; — rough terrain variable-reach tractors covered by CEN/TS1459-8; — industrial variable reach trucks covered by EN ISO 3691 2:2016; — lorry-mounted variable-reach trucks covered by ISO 20297 1:2017; — variable-reach trucks fitted with tilting or elevating operator position; — mobile cranes covered by EN 13000:2010+A1:2014; — machines designed primarily for earth moving, even if their buckets and blades are replaced with forks (see EN 474 series); — trucks designed primarily with variable length load suspension elements (e.g. chain, ropes) from which the load may swing freely in all directions; — trucks designed primarily for container handling; — trucks on tracks; — trucks with articulated chassis; — attachments. This document does not address sound power level. This document does not address hazards linked to: — operation of the truck from a position other than the normal operating position or the remote control; — hybrid power systems; — gas power systems; — gasoline engine systems; — battery power systems. This document does not address hazards which may occur: a) when handling suspended loads which may swing freely (additional requirements are given in EN 1459 4: 2020); b) when using trucks on public roads; c) when operating in potentially explosive atmospheres (additional requirements are given in EN 1755:2015); d) when operating underground; e) when towing trailers; f) when fitted with a personnel work platform (additional requirements are given in EN 1459 3:2015 and EN 1459 9:2021); g) when using systems capable of controlling the speed of the truck as set by the operator (cruise-control). This document does not provide a method of calculation for fatigue and strength of material. This document is not applicable to trucks manufactured before the date of its publication.

Keel: en
Alusdokumendid: EN 1459-1:2025
Asendab dokumenti: EVS-EN 1459-1:2017+A1:2020

EVS-EN 1459-4:2020+A1:2025

Maastikusuutlikud laadurid. Ohutusnõuded ja vastavuskontroll. Osa 4: Täiendavad nõuded vabalt rippuvaid koormaid käsitsevatele teleskooplaaduritele
Rough-terrain trucks - Safety requirements and verification - Part 4: Additional requirements for variable-reach trucks handling freely suspended loads

This document specifies the safety requirements and means of verification in addition to EN 1459-1:2017+A1:2020 and EN 1459-2:2015+A1:2018 as applicable, for rough-terrain variable-reach trucks (hereafter referred to as trucks) designed and intended for handling suspended loads which can swing freely in one or more directions. It is applicable to trucks covered by EN 1459-1:2017+A1:2020 and EN 1459-2:2015+A1:2018. This document does not apply to: - the lifting of suspended loads which by design of the load or the lifting attachments does not allow the load to swing freely in any direction; - the handling of flexible intermediate bulk containers, as defined in ISO 21898:2004, carried under the forks of the truck or with attachments intended for this purpose; - any attachments / means used for lifting personnel; - lifting accessories; - freight container handling trucks; - mobile cranes (covered by EN 13000:2010+A1:2014). This document deals with all significant hazards, hazardous situations or hazardous events, related to trucks handling a freely suspended load, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex A). This document does not deal with load limiter for attachments. This document is not applicable to rough-terrain variable-reach trucks designed and intended for handling suspended loads manufactured before the date of its publication.

Keel: en
Alusdokumendid: EN 1459-4:2020+A1:2025
Asendab dokumenti: EVS-EN 1459-4:2020

EVS-EN 1459-5:2020+A1:2025

Maastikusuutlikud laadurid. Ohutusnõuded ja vastavuskontroll. Osa 5: Lisaseadme liides
Rough-terrain trucks - Safety requirements and verification - Part 5: Attachment interface

This document specifies requirements for the truck side of the attachment interface of rough-terrain non-slewing and slewing variable reach trucks (hereafter referred to as "trucks") dealt with in EN 1459-1:2017+A1:2020, EN 1459-2:2015+A1:2018 and EN 1459-4:2020. This document covers the interface for the attachments fitted to the telescopic boom carriage or mounted on the forks when it is used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer. This document does not cover: - interface for interchangeable equipment designed for lifting person(s) (covered by EN 1459-3:2015); - interface for equipment for container handling (e.g. spreader); - interface for equipment permanently installed on the machine and not intended to be removed by the user. NOTE In this case, equipment becomes part of the truck. This document does not give requirements for the completed assembly of a truck fitted with an attachment. This document does not address risks to parts of the truck other than the interface with the attachment. This document is not applicable to interfaces manufactured before the date of its publication.

Keel: en

Alusdokumendid: EN 1459-5:2020+A1:2025
Asendab dokumenti: EVS-EN 1459-5:2020

EVS-EN ISO 505:2025

Conveyor belts - Method for the determination of the tear propagation resistance of textile conveyor belts (ISO 505:2025)

This document specifies a method of test for the measurement of the propagation resistance of an initial tear in textile conveyor belts, either in full thickness or of the carcass only. This document is applicable to textile belts in installations where there is a risk of longitudinal tearing.

Keel: en
Alusdokumendid: ISO 505:2025; EN ISO 505:2025
Asendab dokumenti: EVS-EN ISO 505:2017

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN IEC 63203-204-2:2025

Wearable electronic devices and technologies - Part 204-2: Electronic textile - Test method to characterize electrical resistance change in knee and elbow bending test of e-textiles

IEC 63203-204-2:2025 specifies a test method for e-textiles for measuring the change of electrical resistance during bending of the knee and elbow joints. It uses a dynamic method. This document is applicable to e-textiles.

Keel: en
Alusdokumendid: IEC 63203-204-2:2025; EN IEC 63203-204-2:2025

EVS-EN ISO 9073-6:2025

Nonwovens - Test methods - Part 6: Absorption (ISO 9073-6:2025)

This document specifies methods for the evaluation of some aspects of the behaviour of nonwoven fabrics in the presence of liquids. In particular: — the liquid absorbency time; — the liquid absorptive capacity; — the liquid wicking rate (capillarity). The different aspects of absorbency can relate to various end uses of the tested products. The tests do not apply to any fabric containing super absorbent materials.

Keel: en
Alusdokumendid: ISO 9073-6:2025; EN ISO 9073-6:2025
Asendab dokumenti: EVS-EN ISO 9073-6:2003

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN ISO 10519:2015/A1:2025

Rapeseed - Determination of chlorophyll content - Spectrometric method - Amendment 1: Preparation of the calibration curve to determine the k factor (ISO 10519:2015/Amd 1:2025)

Amendment to EN ISO 10519:2015

Keel: en
Alusdokumendid: ISO 10519:2015/Amd 1:2025; EN ISO 10519:2015/A1:2025
Muudab dokumenti: EVS-EN ISO 10519:2015

EVS-EN ISO 11781:2025

Molecular biomarker analysis - Requirements and guidance for single-laboratory validation of qualitative real-time polymerase chain reaction (PCR) methods (ISO 11781:2025)

This document specifies minimum requirements and minimum performance criteria for conducting a single-laboratory validation study for qualitative (binary) real-time polymerase chain reaction (PCR) methods applied to the detection of specific DNA sequences present in foods. The document is applicable to any single-laboratory validation of a qualitative real-time PCR method used for the detection of specific DNA sequences in food and food products (e.g. for the detection of genetically modified foodstuffs and for species determination, including species known to produce allergenic proteins). The document does not apply to single laboratory validation of qualitative microbiological real-time PCR methods. The document does not apply to the evaluation of applicability and practicability with respect to the specific scope of the PCR method.

Keel: en
Alusdokumendid: ISO 11781:2025; EN ISO 11781:2025
Asendab dokumenti: CEN/TS 17329-1:2021

EVS-ISO 24557:2025

Kaunviljad. Niiskusesisalduse määramine. Õhkkuivatuse meetod
Pulses - Determination of moisture content - Air-oven method (ISO 24557:2024, identical)

See dokument kirjeldab rutiinset referentsmeetodit niiskusesisalduse määramiseks kaunviljades. Meetod on rakendatav kikerherneste, läätsede, herneste, lupiinide ja kõikide ubade, välja arvatud sojaubade analüüsimiseks.

Keel: en

Alusdokumendid: ISO 24557:2024
Asendab dokumenti: EVS-ISO 24557:2013

75 NAFTA JA NAFTATEHNOLOOGIA

CEN/TR 18169:2025

Petroleum and related products - Alternative fuels and fuel blending components assessment guide - Information to producers and blenders of automotive fuels

This document presents information to producers and blenders of automotive fuels. It allows the user to assess new products or blends and their production processes to determine what information is helpful to consider: - the applicable fuel specification standard(s); - the 'workmanship clause' cited by CEN fuel specifications; - the impact on vehicle emissions systems, material compatibility and vehicle operability; - the correct functioning of the intended product (fitness for purpose). This document is a collection of information. It serves as guidance and cannot be considered as a product approval paper in any way.

Keel: en
Alusdokumendid: CEN/TR 18169:2025

EVS-EN 13016-3:2025

Liquid petroleum products - Vapour pressure - Part 3: Determination of vapour pressure and calculated dry vapour pressure equivalent (DVPE) (Triple expansion method)

This document specifies a method for the determination of the vapour pressure, exerted in vacuo, by volatile, low viscosity petroleum products, components, ethanol blends up to 85 % (V/V), and feedstocks using a variable volume chamber. A dry vapour pressure equivalent (DVPE) is calculated from the vapour pressure. The conditions used in the test described in this document are a vapour-to-liquid ratio of 4:1 and a test temperature of 37,8 °C. The equipment is not wetted with water during the test, and the method described is therefore suitable for testing samples with or without oxygenates; no account is taken of dissolved water in the sample. This procedure calculates the partial pressure of the air dissolved in the test portion during the triple expansion process. It is suitable for samples with a DVPE between 15,7 kPa and 97,6 kPa; vapour pressures outside this range can be measured but the precision has not been determined. This document is applicable to fuels containing oxygenated compounds up to the limits stated in the relevant Council Directive 85/536/EEC [6], and for ethanol-fuel blends up to 85 % (V/V) ethanol. NOTE For the purposes of this document, the terms "% (m/m)" and "% (V/V)" are used to represent the mass and volume fractions respectively. WARNING — The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of users of this document to take appropriate measures to ensure the safety and health of personnel prior to application of the standard, and to determine the applicability of any further restrictions for this purpose.

Keel: en
Alusdokumendid: EN 13016-3:2025
Asendab dokumenti: EVS-EN 13016-3:2018

EVS-EN ISO 17831-1:2025

Solid biofuels - Determination of mechanical durability of pellets and briquettes - Part 1: Pellets (ISO 17831-1:2025)

This document specifies a method for determination of the mechanical durability of pellets. The mechanical durability is a measure of the resistance of compressed fuels towards shocks and/or abrasion as a consequence of handling and transportation.

Keel: en
Alusdokumendid: ISO 17831-1:2025; EN ISO 17831-1:2025
Asendab dokumenti: EVS-EN ISO 17831-1:2015

EVS-EN ISO 3884:2025

Solid recovered fuels - Methods for the determination of the content of elements (Al, Ca, Fe, K, Mg, Na, P, S, Si, Ti, As, Ba, Be, Cd, Co, Cr, Cu, Hg, Mo, Mn, Ni, Pb, Sb, Se, Sn, Tl, V, Zn) (ISO 3884:2025)

This document specifies methods for the determination of major and minor element concentrations in solid recovered fuels after digestion by the use of different acid mixtures and by addition of a fluxing agent for solid recovered fuel (SRF) ash. a) Method A: Microwave assisted digestion with hydrochloric, nitric and hydrofluoric acid mixture (6 ml HCl; 2 ml HNO3; 2 ml HF) followed by boric acid complexation; b) Method AT: Microwave assisted digestion with hydrochloric, nitric and tetrafluoroboric acid mixture (6 ml HCl; 2 ml HNO3; 4 ml HBF4); c) Method B: Microwave assisted digestion with hydrochloric, nitric and hydrofluoric acid mixture (0,5 ml HCl; 6 ml HNO3; 1 ml HF) followed by boric acid complexation; d) Method BT: Microwave assisted digestion with hydrochloric, nitric and tetrafluoroboric acid mixture (0,5 ml HCl; 6 ml HNO3; 2 ml HBF4); e) Method C: Microwave assisted digestion with nitric acid, hydrogen peroxide and hydrofluoric acid mixture (2,5 ml H2O2; 5 ml HNO3; 0,4 ml HF) and optional boric acid complexation; f) Method CT: Microwave assisted digestion with nitric acid, hydrogen peroxide and tetrafluoroboric acid mixture (2,5 ml H2O2; 5 ml HNO3; 0,8 ml HBF4); g) Method D: Digestion of the ashed SRF sample with fluxing agent lithium metaborate in an oven at 1 050 °C. This document is applicable for the following major and minor/trace elements: — Major elements: aluminium (Al), calcium (Ca), iron (Fe), potassium (K), magnesium (Mg), sodium (Na), phosphorus (P), sulfur (S), silicon (Si) and titanium (Ti). — Minor/trace elements: arsenic (As), barium (Ba), beryllium (Be), cadmium (Cd), cobalt (Co), chromium (Cr), copper (Cu), mercury (Hg), molybdenum (Mo), manganese (Mn), nickel (Ni), lead (Pb), antimony (Sb), selenium (Se), tin (Sn), thallium (Tl), vanadium (V) and zinc (Zn). Method A is applicable for general use for SRF and ashed SRFs, but the amount of the test portion can be very low in case of high concentration of organic matter. Method AT can be used if an alternative to HF is necessary. Method B with a higher volume of nitric acid is applicable for SRFs with high organic matter (e.g. suitable for high plastic content) that can be difficult to digest with less nitric acid or as a substitute for method A if appropriate equipment is not

available. Method BT can be used if an alternative to HF is necessary. Method C with combination of nitric acid and hydrogen peroxide and addition of hydrofluoric acid is applicable for wood based SRFs (e.g. demolition wood) or when there is a need for comparability to solid biofuel standards. Method CT can be used if an alternative to HF is necessary. Method D is specifically applicable for determination of major elements in ashed SRF samples. XRF can be used for the analysis of major elements (Al, Ca, Fe, K, Mg, Na, P, S, Si, Ti) after ashing (815 °C) of the samples and several major and minor/trace elements in SRF can be analysed by XRF after suitable calibration provided that the concentration levels are above instrumental detection limits of the XRF instrumentation and after proper preliminary testing and validation. Digestion methods with HF and subsequent boric acid complexation or application of method D are applicable for determination of Si and Ti (better digestion efficiency). Alternative digestion methods can be applied, if their performance is proved to be comparable with those of the methods described in this document.

Keel: en
Alusdokumendid: ISO 3884:2025; EN ISO 3884:2025
Asendab dokumenti: EVS-EN 15410:2011
Asendab dokumenti: EVS-EN 15411:2011

EVS-ISO 4266-3:2025

Toornafta ja vedelad naftatooted. Vedelikutaseme ja temperatuuri automaatne mõõtmine mahutites. Osa 3: Vedelikutaseme mõõtmine survestatud mahutites (v.a külmikmahutid)
Petroleum and liquid petroleum products — Measurement of level and temperature in storage tanks by automatic methods — Part 3: Measurement of level in pressurized storage tanks (non-refrigerated) (ISO 4266-3:2024, identical)

See dokument annab juhised survestatud mahutites vähem kui 4 MPa aururõhuga toornafta ja naftasaaduste vedelikutaseme mõõtmisel kasutatavate, nii kontaktset kui ka kontaktivaba tüüpi automaatsete nivoomõõturite (automatic level gauges - ALG) täpsuse, paigaldamise, kasutuselevõtu, kalibreerimise ja nõuetele vastavuse kontrolli kohta. See dokument annab juhised ALG-de kasutamiseks tehingute / valdaja vahetuse aluseks olevates rakendustes. See dokument ei ole rakendatav ALG-ga vedelikutaseme mõõtmisel külmikmahutites ja maa-alustes koobasmahutites.

Keel: en
Alusdokumendid: ISO 4266-3:2024
Asendab dokumenti: EVS-ISO 4266-3:2007

EVS-ISO 4266-6:2025

Toornafta ja vedelad naftatooted. Vedelikutaseme ja temperatuuri automaatne mõõtmine mahutites. Osa 6: Temperatuuri mõõtmine survestatud mahutites (v.a külmikmahutid)
Petroleum and liquid petroleum products — Measurement of level and temperature in storage tanks by automatic methods — Part 6: Measurement of temperature in pressurized storage tanks (non-refrigerated) (ISO 4266-6:2024, identical)

See dokument annab juhised survestatud mahutites hoiustatava toornafta ja naftasaaduste temperatuuri mõõtmisel fiskaal-/omandiõiguse üleandmise aluseks olevates rakendustes kasutatavate automaatsete mahuti termomeetrite (automatic tank thermometers − ATT) valiku, täpsuse, paigaldamise, kasutuselevõtu, kalibreerimise ja nõuetele vastavuse kontrolli kohta. See dokument ei ole rakendatav temperatuuri mõõtmisel maa-alustes koobasmahutites ja külmikmahutites.

Keel: en
Alusdokumendid: ISO 4266-6:2024
Asendab dokumenti: EVS-ISO 4266-6:2007

77 METALLURGIA

EVS-EN 12385-5:2021+A1:2025

Terastraadist trossid. Ohutus. Osa 5: Köistrossid liftidele
Steel wire ropes - Safety - Part 5: Stranded ropes for lifts

This document specifies the particular materials, manufacturing and testing requirements for stranded ropes for suspension, compensating and governor duties for traction drive and hydraulic lifts moving between guides and similar applications. The particular hazards covered by this Part are identified in Clause 4. This document does not establish requirements for information for use other than those given in Clause 7 of Part 1. Neither does it cover the requirements for ropes fitted with terminations. Minimum breaking force values for the more common classes, sizes and grades of rope are provided in Tables 6 to 10.

Keel: en
Alusdokumendid: EN 12385-5:2021+A1:2025
Asendab dokumenti: EVS-EN 12385-5:2021
Asendab dokumenti: EVS-EN 12385-5:2021/AC:2021

83 KUMMI- JA PLASTITÖÖSTUS

CEN/TR 18160:2025
Plastics recycling - Classification of plastic recyclates as post-consumer recyclates (PCR) and post-industrial recyclates (PIR)

This document has been developed to ensure transparency regarding the input stream for recycling and to assist all plastic industry stakeholders in the development of new and improved standards for plastic recycling. The aim of this report is to present the current state of the debate on how to distinguish waste materials that are suitable for the production of plastic recyclates from those that cannot be used for recycling

Keel: en
Alusdokumendid: CEN/TR 18160:2025

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 7012-1:2025
Paints and varnishes - Determination of preservatives in water-dilutable coating materials - Part 1: Determination of in-can free formaldehyde (ISO 7012-1:2025)

The method describes the quantitative determination of the concentration of in-can free formaldehyde in water-dilutable coating materials. Note: The standard can also be applied for polymer dispersions. The determination method for in-can free formaldehyde can be only of limited suitability for pigmented systems, as the inherent coloration of the material may have an influence on the detection method.

Keel: en
Alusdokumendid: ISO 7012-1:2025; EN ISO 7012-1:2025

EVS-EN ISO 7012-2:2025
Paints and varnishes - Determination of preservatives in water-dilutable coating materials - Part 2: Determination of in-can total formaldehyde (ISO 7012-2:2025)

This document specifies the apparatus and the analytical methods for determining the in-can total formaldehyde content in water-dilutable coating materials, where the main sources of formaldehyde are in-can preservatives. This document is also applicable to polymer dispersions.

Keel: en
Alusdokumendid: ISO 7012-2:2025; EN ISO 7012-2:2025

EVS-EN ISO 7012-3:2025
Paints and varnishes - Determination of preservatives in water-dilutable coating materials - Part 3: Determination of in-can isothiazolinones with LC-UV and LC-MS (ISO 7012-3:2025)

This document specifies the apparatus and the analytical methods for determining the content of in-can isothiazolinone preservatives in water-dilutable coating materials or related products. This document is also applicable to polymer dispersions.

Keel: en
Alusdokumendid: ISO 7012-3:2025; EN ISO 7012-3:2025

91 EHITUSMATERJALID JA EHITUS

EVS-EN 12046-2:2025
Operating forces - Test method - Part 2: Doors

This document covers hinged/pivoted and sliding doorsets with engaging fasteners (e.g. latches, deadbolts) for pedestrian use. It defines the test methods to determine the forces to open/close doors and to engage/release and lock/unlock the building hardware using a key or handle. It is only applicable to the manual operation of doorsets. These doorsets can include: — emergency or panic exit devices; — door closing devices. NOTE The use of some windows involves engaging fasteners (e.g. latches, deadbolts) and can be tested in accordance with this document. Throughout the text where “door leaf”/”door leaves” is written this can also be read as “casements”/”sashes”.

Keel: en
Alusdokumendid: EN 12046-2:2025
Asendab dokumenti: EVS-EN 12046-2:2000

EVS-EN 12309-6:2025
Gaasitoitel absorptsioonseadmed kütteks ja/või jahutuseks kuni 70 kW kasuliku soojuskoormusega. Osa 6: Sesoonse sooritusvõime arvutamine
Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 6: Calculation of seasonal performances

1.1 Scope of EN 12309 Appliances covered by this document include one or a combination of the following: - gas-fired sorption chiller; - gas-fired sorption chiller/heater; - gas-fired sorption heat pump. This document applies to appliances designed to be used for space heating or cooling or refrigeration with or without heat recovery. This document applies to appliances having flue gas

systems of Type B and Type C (according to EN 1749:2020) and to appliances designed for outdoor installations, including Type A. EN 12309 does not apply to air conditioners, it only applies to appliances having: - integral burners under the control of fully automatic burner control systems, - closed system refrigerant circuits in which the refrigerant does not come into direct contact with the water or air to be cooled or heated, - mechanical means to assist transportation of the combustion air and/or the flue gas. The above appliances can have one or more primary or secondary functions (i.e. heat recovery - see definitions in EN 12309-1:2023). In the case of packaged units (consisting of several parts), this document applies only to those designed and supplied as a complete package. The appliances having their condenser cooled by air and by the evaporation of external additional water are not covered by EN 12309. Installations used for heating and/or cooling of industrial processes are not within the scope of EN 12309. All the symbols given in this document are used regardless of the language used. 1.2 Scope of this Part 6 to EN 12309 This part of EN 12309 specifies the calculation methods of seasonal performances for gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW. It deals in particular with the calculation methods of reference seasonal performances in cooling and heating mode for monovalent and bivalent appliances.

Keel: en
Alusdokumendid: EN 12309-6:2025
Asendab dokumenti: EVS-EN 12309-6:2015

EVS-EN 13126-9:2025

Building hardware - Hardware for windows and door height windows - Requirements and test methods - Part 9: Hardware for horizontal and vertical pivot windows

This document specifies the requirements and test methods for durability and strength of hardware for vertical and horizontal pivot windows and door height windows (including pivot hinges and central locking systems). If the hardware manufacturer would like to classify an integrated restrictor function, the pivot hinges can be tested in accordance with EN 13126-5. This document does not apply to manoeuvring devices which are covered in EN 13126-2, EN 13126-3, and EN 13126-14.

Keel: en
Alusdokumendid: EN 13126-9:2025
Asendab dokumenti: EVS-EN 13126-9:2013

EVS-EN 13496:2025

Thermal insulation products for building applications - Determination of the mechanical properties of glass fibre meshes as reinforcement for external thermal insulation composite kits with renders (ETIC kits)

This document specifies equipment and procedures for determining the tensile strength and elongation of rectangular and triaxial glass fibre meshes which are used for the reinforcement of the base coat in external thermal insulation composite kits with renders (ETIC kits).

Keel: en
Alusdokumendid: EN 13496:2025
Asendab dokumenti: EVS-EN 13496:2013

EVS-EN 74-1:2022+A1:2025

Couplers, spigot pins and baseplates for use in falsework and scaffolds - Part 1: Couplers for tubes - Requirements and test procedures

This document specifies, for right angle couplers, swivel couplers, sleeve couplers and parallel couplers working by friction: - materials; - design requirements; - strength classes with different structural parameters including values for resistance and stiffness; - test procedures; - assessment; and gives: - recommendations for ongoing production control. These couplers are intended for use in temporary works equipment for example in scaffolds erected in accordance with EN 12811-1 and falsework erected in accordance with EN 12812.

Keel: en
Alusdokumendid: EN 74-1:2022+A1:2025
Asendab dokumenti: EVS-EN 74-1:2022

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 16121:2023/AC:2025

Non-domestic storage furniture - Requirements for safety, strength, durability and stability

Corrigendum to EVS-EN 16121:2023

Keel: en
Alusdokumendid: EN 16121:2023/AC:2025
Parandab dokumenti: EVS-EN 16121:2023

EVS-EN 18056:2025

Conservation of Cultural Heritage - Waterlogged archaeological wood - Characterization of waterlogged archaeological wood to support decision-making processes for its preservation

This document provides guidelines for the characterization of waterlogged archaeological wood to support decision-making processes for its preservation. This document can be applied for the management of wood discovered in waterlogged environments, including terrestrial and aquatic (marine and freshwater) sites, as a basis for designing conservation strategies

(e.g. reburial, in situ preservation, post-excavation storage). In the case of composite artefacts made of wood and other materials, this document is applicable only for the wooden components. Methods for conservation, site protection and monitoring for reburial as well as in situ preservation are beyond the scope of this document.

Keel: en
Alusdokumendid: EN 18056:2025

EVS-EN 50730:2025

Professional and commercial coffee machines - Methods for measuring energy consumption and productivity

This document defines methodologies to measure the energy consumption and productivity of coffee machines based on their characteristics. This document applies to professional and commercial coffee machines used, for example, in kitchens and food preparation areas in restaurants, canteens, hotels, coffee shops, breakfast rooms. This document does not apply to: - household appliances; - machines that use only coffee pods or coffee capsules; - machines powered by non-electrical energy (i.e. gas); - vending machines for hot beverages; - milk refrigerators integrated or not into traditional machines; - accessory equipment provided together with the machine (e.g. cup warmer, milk refrigerator) physically separated from the machine.

Keel: en
Alusdokumendid: EN 50730:2025

EVS-EN IEC/ASTM 62885-6:2025

Surface cleaning appliances - Part 6: Wet hard floor cleaning appliances for household or similar use - Methods for measuring the performance

This part of IEC 62885 is applicable for measurements of the performance of mains-operated and cordless wet hard floor cleaning appliances for household or similar use. In the case of appliances with combined functionality, this document only addresses the wet cleaning functionality. The purpose of this document is to specify essential performance characteristics of wet hard floor cleaning appliances that are of interest to users and to describe methods for measuring these characteristics. NOTE 1 Owing to the influence of environmental conditions, variations in time, origin of test materials and proficiency of the operator, most of the described test methods give more reliable results when applied to comparative testing of a number of appliances at the same time, in the same laboratory and by the same operator. NOTE 2 This document is not intended for cleaning appliances according to IEC 60335-2-79 and robotic wet hard floor cleaning appliances. For safety requirements, reference is made to IEC 60335-1, IEC 60335-2-2, IEC 60335-2-10, and IEC 60335-2-54. A recommendation on information for the consumer at the point of sale is given in Annex B.

Keel: en
Alusdokumendid: EN IEC/ASTM 62885-6:2025; IEC/ASTM 62885-6:2023; IEC/ASTM 62885-6:2023/COR1:2024
Asendab dokumenti: EVS-EN IEC/ASTM 62885-6:2019

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 80000-13:2008
Suurused ja ühikud. Osa 13: Infoteadus ja -tehnika
Quantities and units - Part 13: Information science and technology

Keel: en, et
Alusdokumendid: IEC 80000-13:2008; EN 80000-13:2008
Asendatud järgmise dokumendiga: EVS-EN IEC 80000-13:2025
Standardi staatus: Kehtetu

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

EVS-EN 16072:2022
Intelligent transport systems - ESafety - Pan-European eCall operating requirements

Keel: en
Alusdokumendid: EN 16072:2022
Asendatud järgmise dokumendiga: EVS-EN 16072:2025
Standardi staatus: Kehtetu

EVS-EN 16494:2015
Raudteealased rakendused. Nõuded ERTMS raudteeäärsetele signaalidele
Railway applications - Requirements for ERTMS Trackside Boards

Keel: en
Alusdokumendid: EN 16494:2015
Asendatud järgmise dokumendiga: EVS-EN 16494:2025
Standardi staatus: Kehtetu

EVS-EN ISO 12855:2022
Electronic fee collection - Information exchange between service provision and toll charging (ISO 12855:2022)

Keel: en
Alusdokumendid: ISO 12855:2022; EN ISO 12855:2022
Asendatud järgmise dokumendiga: EVS-EN ISO 12855:2025
Standardi staatus: Kehtetu

EVS-EN ISO 17423:2018
Intelligent transport systems - Cooperative systems - Application requirements and objectives (ISO 17423:2018)

Keel: en
Alusdokumendid: ISO 17423:2018; EN ISO 17423:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 17423:2025
Standardi staatus: Kehtetu

EVS-EN ISO 18750:2018
Intelligent transport systems - Co-operative ITS - Local dynamic map (ISO 18750:2018)

Keel: en
Alusdokumendid: ISO 18750:2018; EN ISO 18750:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 18750:2025
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

CEN/TR 12401:2009
Dentistry - Guidance on the classification of dental devices andaccessories

Keel: en
Alusdokumendid: CEN/TR 12401:2009
Asendatud järgmise dokumendiga: CEN/TR 12401:2025
Standardi staatus: Kehtetu

EVS-EN 60601-2-68:2015

Elektrilised meditsiiniseadmed. Osa 2-68: Erinõuded elektronkiirenditel, kergete ioonidega ja radionukliidallikaga väliskiiritusraviseadmetel kasutatavate röntgenkujutisjuhitavate kiiritusraviseadmete esmasele ohutusele ja olulistele toimimisnäitajatele
Medical electrical equipment - Part 2-68: Particular requirements for the basic safety and essential performance of X-ray-based image-guided radiotherapy equipment for use with electron accelerators, light ion beam therapy equipment and radionuclide beam therapy equipment

Keel: en
Alusdokumendid: IEC 60601-2-68:2014; EN 60601-2-68:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-68:2025
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 16072:2022

Intelligent transport systems - ESafety - Pan-European eCall operating requirements

Keel: en
Alusdokumendid: EN 16072:2022
Asendatud järgmise dokumendiga: EVS-EN 16072:2025
Standardi staatus: Kehtetu

EVS-EN 16339:2013

Ambient air - Method for the determination of the concentration of nitrogen dioxide by diffusive sampling

Keel: en
Alusdokumendid: EN 16339:2013
Asendatud järgmise dokumendiga: EVS-EN 16339:2025
Standardi staatus: Kehtetu

EVS-ISO 14066:2014

Kasvuhoonegaasid. Kasvuhoonegaaside valideerimisrühmade ja tõendamisrühmade kompetentsusnõuded
Greenhouse gases -- Competence requirements for greenhouse gas validation teams and verification teams (ISO 14066:2011)

Keel: en
Alusdokumendid: ISO 14066:2011
Asendatud järgmise dokumendiga: EVS-ISO 14066:2025
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN ISO 16089:2015

Tööpingid. Ohutus. Statsionaarsed lihvimismasinad
Machine tools - Safety - Stationary grinding machines (ISO 16089:2015)

Keel: en
Alusdokumendid: ISO 16089:2015; EN ISO 16089:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 16089:2025
Muudetud järgmise dokumendiga: EN ISO 16089:2015/prA1
Standardi staatus: Kehtetu

EVS-EN ISO 2400:2012

Non-destructive testing - Ultrasonic testing - Specification for calibration block No. 1 (ISO 2400:2012)

Keel: en
Alusdokumendid: ISO 2400:2012; EN ISO 2400:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 2400:2025
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12309-6:2015

Kuni 70 kW kasuliku soojuskoormusega absorptsioonprintsiibil gaasiseadmed kütte- ja/või jahutuse tarbeks. Osa 6: Sesoonse jõudluse arvutus
Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 6: Calculation of seasonal performances

Keel: en
Alusdokumendid: EN 12309-6:2014
Asendatud järgmise dokumendiga: EVS-EN 12309-6:2025
Standardi staatus: Kehtetu

EVS-EN IEC 62282-7-2:2021

Fuel cell technologies - Part 7-2: Test methods - Single cell and stack performance tests for solid oxide fuel cells (SOFCs)

Keel: en
Alusdokumendid: IEC 62282-7-2:2021; EN IEC 62282-7-2:2021
Asendatud järgmise dokumendiga: EVS-EN IEC 62282-7-2:2025
Standardi staatus: Kehtetu

EVS-EN ISO 17831-1:2015

Tahked biokütused. Pelletite ja brikettide mehaanilise vastupidavuse määramine. Osa 1: Pelletid
Solid biofuels - Determination of mechanical durability of pellets and briquettes - Part 1: Pellets (ISO 17831-1:2015)

Keel: en
Alusdokumendid: EN ISO 17831-1:2015; ISO 17831-1:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 17831-1:2025
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 60255-26:2013

Mõõtereleed ja kaitseaparatuur. Osa 26: Elektromagnetilise ühilduvuse nõuded
Measuring relays and protection equipment - Part 26: Electromagnetic compatibility requirements

Keel: en
Alusdokumendid: IEC 60255-26:2013; EN 60255-26:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 60255-26:2025
Parandatud järgmise dokumendiga: EVS-EN 60255-26:2013/AC:2013
Standardi staatus: Kehtetu

EVS-EN 60255-26:2013/AC:2013

Mõõtereleed ja kaitseaparatuur. Osa 26: Elektromagnetilise ühilduvuse nõuded
Measuring relays and protection equipment -- Part 26: Electromagnetic compatibility requirements

Keel: en
Alusdokumendid: EN 60255-26:2013/AC:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 60255-26:2025
Standardi staatus: Kehtetu

EVS-EN 60255-27:2014

Mõõtereleed ja kaitseseadised. Osa 27: Toote ohutusnõuded
Measuring relays and protection equipment -- Part 27: Product safety requirements

Keel: en
Alusdokumendid: IEC 60255-27:2013; EN 60255-27:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 60255-27:2025
Standardi staatus: Kehtetu

EVS-EN 60947-5-1:2017

Madalpingelised lülitus- ja juhtimisaparaadid. Osa 5-1: Juhtimisahelaseadmed ja lülituselemendid. Elektromehaanilised juhtimisahelaseadmed
Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices

Keel: en
Alusdokumendid: IEC 60947-5-1:2016; IEC 60947-5-1:2016/COR1:2016; EN 60947-5-1:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 60947-5-1:2025
Parandatud järgmise dokumendiga: EVS-EN 60947-5-1:2017/AC:2020
Standardi staatus: Kehtetu

EVS-EN 60947-5-1:2017/AC:2020

Madalpingelised lülitus- ja juhtimisaparaadid. Osa 5-1: Juhtimisahelaseadmed ja lülituselemendid. Elektromehaanilised juhtimisahelaseadmed
Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices

Keel: en
Alusdokumendid: IEC 60947-5-1:2016/COR2:2020; EN 60947-5-1:2017/AC:2020-05
Asendatud järgmise dokumendiga: EVS-EN IEC 60947-5-1:2025
Standardi staatus: Kehtetu

EVS-EN 61039:2008

Classification of insulating liquids

Keel: en
Alusdokumendid: IEC 61039:2008; EN 61039:2008
Asendatud järgmise dokumendiga: EVS-EN IEC 61039:2025
Standardi staatus: Kehtetu

EVS-EN 61109:2008

Insulators for overhead lines - Composite suspension and tension insulators for a.c. systems with a nominal voltage greater than 1 000 V - Definitions, test methods and acceptance criteria

Keel: en
Alusdokumendid: IEC 61109:2008; EN 61109:2008
Asendatud järgmise dokumendiga: EVS-EN IEC 61109:2025
Standardi staatus: Kehtetu

EVS-EN IEC 62902:2019

Secondary cells and batteries - Marking symbols for identification of their chemistry

Keel: en
Alusdokumendid: IEC 62902:2019; EN IEC 62902:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 62902:2025
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 61189-5:2006

Test methods for electrical materials, interconnection structures and assemblies -- Part 5: Test methods for printed board assemblies

Keel: en
Alusdokumendid: IEC 61189-5:2006; EN 61189-5:2006
Standardi staatus: Kehtetu

EVS-EN 61189-6:2006

Test methods for electrical materials, interconnection structures and assemblies - Part 6: Test methods for materials used in manufacturing electronic assemblies

Keel: en
Alusdokumendid: IEC 61189-6:2006; EN 61189-6:2006
Standardi staatus: Kehtetu

EVS-EN 62276:2016

Single crystal wafers for surface acoustic wave (SAW) device applications - Specifications and measuring methods

Keel: en

Alusdokumendid: IEC 62276:2016; EN 62276:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 62276:2025
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 16494:2015
Raudteealased rakendused. Nõuded ERTMS raudteeäärsetele signaalidele
Railway applications - Requirements for ERTMS Trackside Boards

Keel: en
Alusdokumendid: EN 16494:2015
Asendatud järgmise dokumendiga: EVS-EN 16494:2025
Standardi staatus: Kehtetu

EVS-EN 60255-26:2013
Mõõtereleed ja kaitseaparatuur. Osa 26: Elektromagnetilise ühilduvuse nõuded
Measuring relays and protection equipment - Part 26: Electromagnetic compatibility requirements

Keel: en
Alusdokumendid: IEC 60255-26:2013; EN 60255-26:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 60255-26:2025
Parandatud järgmise dokumendiga: EVS-EN 60255-26:2013/AC:2013
Standardi staatus: Kehtetu

EVS-EN 61000-4-2:2009
Electromagnetic compatibility (EMC) -- Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test

Keel: en
Alusdokumendid: IEC 61000-4-2:2008; EN 61000-4-2:2009
Asendatud järgmise dokumendiga: EVS-EN IEC 61000-4-2:2025
Standardi staatus: Kehtetu

EVS-EN 61753-086-2:2009
Fibre optic interconnecting devices and passive components performance standard - Part 086-2: Non-connectorised single-mode bidirectional 1490 / 1550 nm downstream 1310 nm upstream WWDM devices for category C - Controlled environment

Keel: en
Alusdokumendid: IEC 61753-086-2:2009; EN 61753-086-2:2009
Asendatud järgmise dokumendiga: EVS-EN IEC 61753-086-02:2025
Standardi staatus: Kehtetu

EVS-EN IEC 62037-1:2021
Passive RF and microwave devices, intermodulation level measurement - Part 1: General requirements and measuring methods

Keel: en
Alusdokumendid: IEC 62037-1:2021; EN IEC 62037-1:2021
Asendatud järgmise dokumendiga: EVS-EN IEC 62037-1:2025
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CLC/TR 50542-1:2018
Railway applications - Driver's cab train display controller (TDC) - Part 1: General architecture

Keel: en
Alusdokumendid: CLC/TR 50542-1:2018
Asendatud järgmise dokumendiga: CLC/TR 50542-1:2025
Standardi staatus: Kehtetu

CLC/TR 50542-2:2016
Railway applications - Driver's cab Train Display Controller (TDC) - Part 2: Display systems FIS

Keel: en
Alusdokumendid: CLC/TR 50542-2:2016
Asendatud järgmise dokumendiga: CLC/TR 50542-2:2025
Standardi staatus: Kehtetu

CWA 17852:2022
Extensions for Financial Services (XFS) - XFS4IoT Specification - Release 2021-1 Release Candidate

Keel: en
Alusdokumendid: CWA 17852:2022
Asendatud järgmise dokumendiga: CWA 17852
Standardi staatus: Kehtetu

EVS-EN 15876:2023
Electronic fee collection - Conformity evaluation of on-board and roadside equipment to EN 15509

Keel: en
Alusdokumendid: EN 15876:2023
Asendatud järgmise dokumendiga: EVS-EN 15876:2025
Standardi staatus: Kehtetu

EVS-EN 16072:2022
Intelligent transport systems - ESafety - Pan-European eCall operating requirements

Keel: en
Alusdokumendid: EN 16072:2022
Asendatud järgmise dokumendiga: EVS-EN 16072:2025
Standardi staatus: Kehtetu

EVS-EN ISO 12855:2022
Electronic fee collection - Information exchange between service provision and toll charging (ISO 12855:2022)

Keel: en
Alusdokumendid: ISO 12855:2022; EN ISO 12855:2022
Asendatud järgmise dokumendiga: EVS-EN ISO 12855:2025
Standardi staatus: Kehtetu

EVS-EN ISO 17423:2018
Intelligent transport systems - Cooperative systems - Application requirements and objectives (ISO 17423:2018)

Keel: en
Alusdokumendid: ISO 17423:2018; EN ISO 17423:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 17423:2025
Standardi staatus: Kehtetu

EVS-EN ISO 18750:2018
Intelligent transport systems - Co-operative ITS - Local dynamic map (ISO 18750:2018)

Keel: en
Alusdokumendid: ISO 18750:2018; EN ISO 18750:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 18750:2025
Standardi staatus: Kehtetu

EVS-EN ISO 19116:2019
Geographic information - Positioning services (ISO 19116:2019)

Keel: en
Alusdokumendid: ISO 19116:2019; EN ISO 19116:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 19116:2025
Muudetud järgmise dokumendiga: EVS-EN ISO 19116:2019/A1:2021
Standardi staatus: Kehtetu

EVS-EN ISO 19116:2019/A1:2021
Geographic information - Positioning services - Amendment 1 (ISO 19116:2019/Amd 1:2021)

Keel: en
Alusdokumendid: ISO 19116:2019/Amd 1:2021; EN ISO 19116:2019/A1:2021
Asendatud järgmise dokumendiga: EVS-EN ISO 19116:2025
Standardi staatus: Kehtetu

43 MAANTEESÕIDUKITE EHITUS

EVS-EN 50374:2004
Elektrilised liikuvad tööplatvormid
Conductor cars

Keel: en
Alusdokumendid: EN 50374:2004
Asendatud järgmise dokumendiga: EVS-EN 50374:2025
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

CLC/TR 50542-1:2018
Railway applications - Driver's cab train display controller (TDC) - Part 1: General architecture

Keel: en
Alusdokumendid: CLC/TR 50542-1:2018
Asendatud järgmise dokumendiga: CLC/TR 50542-1:2025
Standardi staatus: Kehtetu

CLC/TR 50542-2:2016
Railway applications - Driver's cab Train Display Controller (TDC) - Part 2: Display systems FIS

Keel: en
Alusdokumendid: CLC/TR 50542-2:2016
Asendatud järgmise dokumendiga: CLC/TR 50542-2:2025
Standardi staatus: Kehtetu

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 10239:2017
Väikelaevad. Veeldatud naftagaasi (LPG) süsteemid
Small craft - Liquefied petroleum gas (LPG) systems (ISO 10239:2014)

Keel: en
Alusdokumendid: ISO 10239:2014; EN ISO 10239:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 10239:2025
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 2285:2017
Aerospace series - Bushes, plain, aluminium alloy, with self-lubricating liner - Dimensions and loads

Keel: en
Alusdokumendid: EN 2285:2017
Asendatud järgmise dokumendiga: EVS-EN 2285:2025
Standardi staatus: Kehtetu

EVS-EN 2286:2017
Aerospace series - Bushes, flanged aluminium alloy, with self-lubricating liner - Dimensions and loads

Keel: en
Alusdokumendid: EN 2286:2017
Asendatud järgmise dokumendiga: EVS-EN 2286:2025
Standardi staatus: Kehtetu

EVS-EN 3155-001:2016
Aerospace series - Electrical contacts used in elements of connection - Part 001: Technical Specification

Keel: en
Alusdokumendid: EN 3155-001:2016
Asendatud järgmise dokumendiga: EVS-EN 3155-001:2025
Standardi staatus: Kehtetu

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN 1459-1:2017+A1:2020
Autolaadurid pinnaseteedele. Ohutusnõuded ja vastavuskontroll. Osa 1: Teleskooplaadurid
Rough-terrain trucks - Safety requirements and verification - Part 1: Variable-reach trucks

Keel: en
Alusdokumendid: EN 1459-1:2017+A1:2020
Asendatud järgmise dokumendiga: EVS-EN 1459-1:2025
Standardi staatus: Kehtetu

EVS-EN 1459-4:2020
Maastikusuutlikud laadurid. Ohutusnõuded ja vastavuskontroll. Osa 4: Täiendavad nõuded vabalt rippuvaid koormaid käsitsevatele teleskooplaaduritele
Rough-terrain trucks - Safety requirements and verification - Part 4: Additional requirements for variable-reach trucks handling freely suspended loads

Keel: en
Alusdokumendid: EN 1459-4:2020
Asendatud järgmise dokumendiga: EVS-EN 1459-4:2020+A1:2025
Standardi staatus: Kehtetu

EVS-EN 1459-5:2020
Maastikusuutlikud laadurid. Ohutusnõuded ja vastavuskontroll. Osa 5: Lisaseadme liides
Rough-terrain trucks - Safety requirements and verification - Part 5: Attachment interface

Keel: en
Alusdokumendid: EN 1459-5:2020
Asendatud järgmise dokumendiga: EVS-EN 1459-5:2020+A1:2025
Standardi staatus: Kehtetu

EVS-EN ISO 505:2017
Conveyor belts - Method for the determination of the tear propagation resistance of textile conveyor belts (ISO 505:2017)

Keel: en
Alusdokumendid: ISO 505:2017; EN ISO 505:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 505:2025
Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 9073-6:2003
Textiles - Test methods for nonwovens - Part 6: Absorption

Keel: en
Alusdokumendid: ISO 9073-6:2000; EN ISO 9073-6:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 9073-6:2025
Standardi staatus: Kehtetu

65 PÕLLUMAJANDUS

EVS-EN 50434:2014
Majapidamis- ja muud taolised elektriseadmed. Erinõuded võrgutoitega purustamis- ja hakkimismasinatele
Safety of household and similar appliances - Particular requirements for mains operated shredders and chippers

Keel: en
Alusdokumendid: EN 50434:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 62841-4-8:2025
Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

CEN/TS 17329-1:2021
Foodstuffs - General guidelines for the validation of qualitative real-time PCR methods - Part 1: Single-laboratory validation

Keel: en

Alusdokumendid: CEN/TS 17329-1:2021
Asendatud järgmise dokumendiga: EVS-EN ISO 11781:2025
Standardi staatus: Kehtetu

EVS-ISO 24557:2013

Kaunviljad. Niiskusesisalduse määramine. Õhkkuivatuse meetod
Pulses - Determination of moisture content - Air-oven method (ISO 24557:2009)

Keel: en, et
Alusdokumendid: ISO 24557:2009
Asendatud järgmise dokumendiga: EVS-ISO 24557:2025
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 13016-3:2018

Liquid petroleum products - Vapour pressure - Part 3: Determination of vapour pressure and calculated dry vapour pressure equivalent (DVPE) (Triple Expansion Method)

Keel: en
Alusdokumendid: EN 13016-3:2018
Asendatud järgmise dokumendiga: EVS-EN 13016-3:2025
Standardi staatus: Kehtetu

EVS-EN 15410:2011

Solid recovered fuels - Methods for the determination of the content of major elements (Al, Ca, Fe, K, Mg, Na, P, Si, Ti)

Keel: en
Alusdokumendid: EN 15410:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 3884:2025
Standardi staatus: Kehtetu

EVS-EN 15411:2011

Solid recovered fuels - Methods for the determination of the content of trace elements (As, Ba, Be, Cd, Co, Cr, Cu, Hg, Mo,Mn, Ni, Pb, Sb, Se, Tl, V and Zn)

Keel: en
Alusdokumendid: EN 15411:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 3884:2025
Standardi staatus: Kehtetu

EVS-EN ISO 17831-1:2015

Tahked biokütused. Pelletite ja brikettide mehaanilise vastupidavuse määramine. Osa 1: Pelletid
Solid biofuels - Determination of mechanical durability of pellets and briquettes - Part 1: Pellets (ISO 17831-1:2015)

Keel: en
Alusdokumendid: EN ISO 17831-1:2015; ISO 17831-1:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 17831-1:2025
Standardi staatus: Kehtetu

EVS-ISO 4266-3:2007

Toornafta ja vedelad naftatooted. Vedelikutaseme ja temperatuuri automaatne mõõtmine mahutites. Osa 3: Vedelikutaseme mõõtmine survestatud mahutites (v.a külmikmahutid)
Petroleum and liquid petroleum products — Measurement of level and temperature in storage tanks by automatic methods — Part 3: Measurement of level in pressurized storage tanks (non-refrigerated)

Keel: en, et
Alusdokumendid: ISO 4266-3:2002
Asendatud järgmise dokumendiga: EVS-ISO 4266-3:2025
Standardi staatus: Kehtetu

EVS-ISO 4266-6:2007

Toornafta ja vedelad naftatooted. Vedelikutaseme ja temperatuuri automaatne mõõtmine mahutites. Osa 6: Temperatuuri mõõtmine survestatud mahutites (v.a külmikmahutid)
Petroleum and liquid petroleum products - Measurement of level and temperature in storage tanks by automatic methods - Part 6: Measurement of temperature in pressurized storage tanks (non-refrigerated)

Keel: en, et
Alusdokumendid: ISO 4266-6:2002
Asendatud järgmise dokumendiga: EVS-ISO 4266-6:2025
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 12385-5:2021

Terastraadist trossid. Ohutus. Osa 5: Köistrossid liftidele
Steel wire ropes - Safety - Part 5: Stranded ropes for lifts

Keel: en
Alusdokumendid: EN 12385-5:2021
Asendatud järgmise dokumendiga: EVS-EN 12385-5:2021+A1:2025
Parandatud järgmise dokumendiga: EVS-EN 12385-5:2021/AC:2021
Standardi staatus: Kehtetu

EVS-EN 12385-5:2021/AC:2021

Terastraadist trossid. Ohutus. Osa 5: Köistrossid liftidele
Steel wire ropes - Safety - Part 5: Stranded ropes for lifts

Keel: en
Alusdokumendid: EN 12385-5:2021/AC:2021
Asendatud järgmise dokumendiga: EVS-EN 12385-5:2021+A1:2025
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 13999-3:2007+A1:2009

Adhesives - Short term method for measuring the emission properties of low-solvent or solvent-free adhesives after application - Part 3: Determination of volatile aldehydes CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 13999-3:2007+A1:2009
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 12046-2:2000

Operating forces - Test method - Part 2: Doors

Keel: en
Alusdokumendid: EN 12046-2:2000
Asendatud järgmise dokumendiga: EVS-EN 12046-2:2025
Standardi staatus: Kehtetu

EVS-EN 12309-6:2015

Kuni 70 kW kasuliku soojuskoormusega absorptsioonprintsiibil gaasiseadmed kütte- ja/või jahutuse tarbeks. Osa 6: Sesoonse jõudluse arvutus
Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 6: Calculation of seasonal performances

Keel: en
Alusdokumendid: EN 12309-6:2014
Asendatud järgmise dokumendiga: EVS-EN 12309-6:2025
Standardi staatus: Kehtetu

EVS-EN 13126-9:2013

Building hardware - Hardware for windows and door height windows - Part 9: Hardware for horizontal and vertical pivot windows

Keel: en
Alusdokumendid: EN 13126-9:2013
Asendatud järgmise dokumendiga: EVS-EN 13126-9:2025
Standardi staatus: Kehtetu

EVS-EN 13496:2013

Thermal insulation products for building applications - Determination of the mechanical properties of glass fibre meshes as reinforcement for External Thermal Insulation Composite Systems with renders (ETICS)

Keel: en
Alusdokumendid: EN 13496:2013
Asendatud järgmise dokumendiga: EVS-EN 13496:2025
Standardi staatus: Kehtetu

EVS-EN 74-1:2022

Couplers, spigot pins and baseplates for use in falsework and scaffolds - Part 1: Couplers for tubes - Requirements and test procedures

Keel: en
Alusdokumendid: EN 74-1:2022
Asendatud järgmise dokumendiga: EVS-EN 74-1:2022+A1:2025
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN IEC/ASTM 62885-6:2019

Surface cleaning appliances - Part 6: Wet hard floor cleaning appliances for household or similar use - Methods for measuring the performance

Keel: en
Alusdokumendid: IEC/ASTM 62885-6:2018; EN IEC/ASTM 62885-6:2019
Asendatud järgmise dokumendiga: EVS-EN IEC/ASTM 62885-6:2025
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).

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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

EVS-ISO 30302/prA1

Informatsioon ja dokumentatsioon. Dokumendihalduse juhtimissüsteemid. Rakendamise juhised. Mittevastavused, korrigeerivad tegevused ja kliimamuutusega seotud nõuded. Information and documentation — Management systems for records — Guidelines for implementation — Amendment 1: Non conformities, corrective actions and climate change requirements (ISO 30302:2022/Amd 1:2025, identical)

Standardi EVS-ISO 30302:2022 muudatus.

Keel: en
Alusdokumendid: ISO 30302:2022/Amd 1:2025
Muudab dokumenti: EVS-ISO 30302:2022

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN 18177

Circular economy in the construction sector - Framework, principles, and definitions

This document defines key terminology, establishes circular economy principles at the levels of construction works as well as construction products of all kinds, and provides a guidance framework for the implementation and assessment of circularity in the built environment.

Keel: en
Alusdokumendid: prEN 18177

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN IEC 81346-14:2025

Industrial systems, installations and equipment and industrial products - Structuring principles and reference designation - Part 14: Manufacturing and processing systems

This part of 81346 International Standard, published jointly by IEC and ISO, provides, in combination with IEC 81346-1 and IEC 81346-2, rules and recommendations on the structuring of systems and the information on systems of manufacturing systems. It also provides additional classification schemes to those of IEC 81346-2 for use in reference designations within manufacturing systems. The structuring principles and the classes of objects are intended to provide a clear identification and localization of the objects, and for use in their labelling in the manufacturing plant, for their designation in technical documents and for the designation of the technical documents as well. The requirements in this document apply for processing, transportation and storage of products, as well as for systems to support the manufacturing process such as electrical systems, management systems and waste disposal systems. This document is applicable for different areas within the manufacturing industry like light industry, electrical and optical industry, chemical industry, material industry and heavy industry . This document is not applicable for designations related to product individuals (e.g. inventory number, serial number) nor to the products manufactured. This document is also a horizontal publication intended for use by technical committees inpreparation of publications related to reference designations in accordance with the principles laid down in IEC Guide 108.

Keel: en
Alusdokumendid: 3/1708/CDV; prEN IEC 81346-14:2025

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 18739

Dentistry - Vocabulary of process chain for CAD/CAM systems (ISO/DIS 18739:2025)

This document defines terms and definitions used in the process chain for CAD/CAM systems in dentistry in the process chain for CAD/CAM systems in dentistry (see Annex A).

Keel: en
Alusdokumendid: ISO/DIS 18739; prEN ISO 18739
Asendab dokumenti: EVS-EN ISO 18739:2016

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 9000

Quality management - Fundamentals and vocabulary (ISO/DIS 9000:2025)

This document describes the fundamental concepts and principles of quality management which are universally applicable to the following: — organizations seeking sustained success through the implementation of a quality management system; — customers seeking confidence in an organization's ability to consistently provide products and services conforming to their requirements; — organizations seeking confidence in their supply chain that product and service requirements will be met; — organizations and interested parties seeking to improve communication through a common understanding of the vocabulary used in quality management; — organizations performing conformity assessments against the requirements of ISO 9001; — providers of training, assessment or advice in quality management; — developers of related standards. This document specifies the terms and definitions that apply to all quality management and quality management system standards developed by ISO/TC 176.

Keel: en
Alusdokumendid: prEN ISO 9000; ISO/DIS 9000:2025
Asendab dokumenti: EVS-EN ISO 9000:2015

Arvamusküsitluse lõppkuupäev: 30.06.2025

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

EVS-ISO 30302/prA1

Informatsioon ja dokumentatsioon. Dokumendihalduse juhtimissüsteemid. Rakendamise juhised. Mittevastavused, korrigeerivad tegevused ja kliimamuutusega seotud nõuded. Information and documentation — Management systems for records — Guidelines for implementation — Amendment 1: Non conformities, corrective actions and climate change requirements (ISO 30302:2022/Amd 1:2025, identical)

Standardi EVS-ISO 30302:2022 muudatus.

Keel: en
Alusdokumendid: ISO 30302:2022/Amd 1:2025
Muudab dokumenti: EVS-ISO 30302:2022

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN 4179

Aerospace series - Qualification and approval of personnel for nondestructive testing

1.1 Purpose This document establishes the minimum requirements for the qualification and certification of personnel performing non-destructive testing (NDT), nondestructive inspection (NDI), or nondestructive evaluation (NDE) in the aerospace manufacturing, service, maintenance and overhaul industries. For the purposes of this document, the term NDT will be used and will be considered equivalent to NDI and NDE. In Europe, the term "approval" is used to denote a written statement by an employer that an individual has met specific requirements and has operating approval. The term "certification" as defined in 3.2 is used throughout this document as a substitute for the term "approval". Except when otherwise specified in the written practice, certification in accordance with this document includes operating approval. 1.2 Applicability This document applies to personnel who: - use NDT methods or equipment to test and/or accept materials, products, components, assemblies or sub-assemblies; - are directly responsible for the technical adequacy of the NDT methods and equipment used; - operate automatic interpretation or evaluation systems; - approve NDT procedures or work instructions; - audit NDT facilities; or - provide technical NDT support or training. This document does not apply to individuals who only have administrative or supervisory authority over NDT personnel or to research personnel developing NDT technology for subsequent implementation and approval by a certified Level 3. See Clause 8 regarding applicability to personnel performing specialized inspections using certain direct readout instruments. Definition Automated equipment refers to machinery and systems designed to perform tasks without human intervention. In a completely automated industrial process, these systems operate independently to execute various functions. 1.2.1 Implementation This document addresses the use of a National Aerospace NDT Board (NANDTB). NANDTBs are only used as specified per Annex C and it is not mandatory to have such a board for compliance with this document. Personnel certified to previous revisions of NAS410 or EN 4179 need not recertify to the requirements of this document until their current certification expires. 1.3 Methods 1.3.1 NDT methods This document contains detailed requirements for the following NDT methods: Eddy Current Testing (ET) Liquid Penetrant Testing (PT) Magnetic Particle Testing (MT) Radiographic Testing (RT) Shearography Testing (ST) Thermographic Testing (IRT) Ultrasonic Testing (UT) 1.3.2 Other methods When invoked by engineering, quality, cognizant engineering organization or prime contractor requirements, this document applies to other current and emerging NDT methods used to determine the acceptability or suitability for intended service of a material, part, component, sub-assembly or assembly. Such methods include, but are not limited to, acoustic emission, neutron radiography, leak testing, and holography.

Keel: en

Alusdokumendid: prEN 4179
Asendab dokumenti: EVS-EN 4179:2021

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 53800

Guidelines for the promotion and implementation of gender equality and women's empowerment (ISO 53800:2024)

This document gives guidance on how to promote and implement gender equality and women's empowerment. It provides guidelines for organizations to develop the capabilities to achieve a culture of gender equality and women's empowerment. The guidelines include the framework, resources, policies, tools and good practices for contextualizing, promoting and implementing gender equality. This document focuses on the inequality resulting from the gender specific roles assigned to women, girls, men and boys and is applicable to all types of organizations (public or private), regardless of their size, location or field of activity. This document does not address the specific aspects of relations with labour unions or work councils, nor the country-specific regulations and compliance relating to gender diversity.

Keel: en
Alusdokumendid: prEN ISO 53800; ISO 53800:2024

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 9000

Quality management - Fundamentals and vocabulary (ISO/DIS 9000:2025)

This document describes the fundamental concepts and principles of quality management which are universally applicable to the following: — organizations seeking sustained success through the implementation of a quality management system; — customers seeking confidence in an organization's ability to consistently provide products and services conforming to their requirements; — organizations seeking confidence in their supply chain that product and service requirements will be met; — organizations and interested parties seeking to improve communication through a common understanding of the vocabulary used in quality management; — organizations performing conformity assessments against the requirements of ISO 9001; — providers of training, assessment or advice in quality management; — developers of related standards. This document specifies the terms and definitions that apply to all quality management and quality management system standards developed by ISO/TC 176.

Keel: en
Alusdokumendid: prEN ISO 9000; ISO/DIS 9000:2025
Asendab dokumenti: EVS-EN ISO 9000:2015

Arvamusküsitluse lõppkuupäev: 30.06.2025

07 LOODUS- JA RAKENDUSTEADUSED

prEN ISO 24914

Microbiology of the food chain - Loop-mediated isothermal amplification (LAMP) for the detection of microorganisms and associated genetic markers - General requirements and definitions (ISO/DIS 24914:2025)

This standard would provide general requirements and guidance for the development and application of LAMP-based methods for the detection of microorganisms and associated genetic markers sampled along the food chain (e.g., ingredients, human food, animal food, and the production environment), and includes sample preparation, isothermal amplification, signal detection, data interpretation, and performance criteria. This standard would also define laboratory and data management practices to ensure that LAMP methods are performed accurately, and data are reported clearly for end users and stakeholders. Out of scope - LAMP methods applied for non-food (medical/veterinary) use.

Keel: en
Alusdokumendid: ISO/DIS 24914; prEN ISO 24914

Arvamusküsitluse lõppkuupäev: 30.06.2025

11 TERVISEHOOLDUS

EN ISO 8325:2023/prA1:2025

Dentistry - Test methods for rotary instruments - Amendment 1 (ISO 8325:2023/Amd 1:2025)

Amendment to EN ISO 8325:2023

Keel: en
Alusdokumendid: ISO 8325:2023/DAmd 1; EN ISO 8325:2023/prA1:2025
Muudab dokumenti: EVS-EN ISO 8325:2023

Arvamusküsitluse lõppkuupäev: 30.06.2025´

EN ISO 8980-3:2022/prA1

Ophthalmic optics - Uncut finished spectacle lenses - Part 3: Transmittance specifications and test methods - Amendment 1 (ISO 8980 3:2022/DAM 1:2025)

Amendment to EN ISO 8980-3:2022

Keel: en
Alusdokumendid: ISO 8980-3:2022/DAmd 1; EN ISO 8980-3:2022/prA1
Muudab dokumenti: EVS-EN ISO 8980-3:2022

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN 1422

Sterilizers for medical purposes - Ethylene oxide sterilizers - Requirements and test methods

1.1 This document specifies the requirements and the relevant tests for automatically controlled sterilizers employing ethylene oxide (EO) gas as the sterilant, either as a pure gas or a mixture with other gases, being used for the sterilization of medical devices and their accessories. 1.2 This document specifies requirements for ethylene oxide sterilizers (EO sterilizers) for: - the performance and design of sterilizers intended to deliver a process capable of sterilizing medical devices; - the equipment and controls of these sterilizers, needed for operation, control and monitoring of the sterilization processes; - the test equipment and test procedures used to verify the sterilizer performance specified by this document. 1.3 This document does not cover sterilizers which employ the injection of EO or mixtures containing EO directly into packages or into a flexible chamber.

Keel: en
Alusdokumendid: prEN 1422
Asendab dokumenti: EVS-EN 1422:2014

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN IEC 62570:2025

Standard practice for marking medical devices and other items for safety in the magnetic resonance environment

1.1 This practice applies to medical devices and other items that are anticipated to enter the magnetic resonance (MR) environment. NOTE 1 “Medical devices and other items” will be referred to as “items” for the remainder of this practice. 1.2 The practice specifies the marking of items anticipated to enter the MR environment by means of terms and icons, and recommends information that should be included in the labeling. 1.3 MR image artifacts are not in the scope of the mandatory portions of this practice because they do not present a direct safety issue resulting from specific characteristics of the MR examination (see X1.12). 1.4 The values stated in SI units are to be regarded as standard. 1.5 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety, health, and environmental practices and determine the applicability of regulatory limitations prior to use. 1.6 This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.

Keel: en
Alusdokumendid: 62B/1381/CDV; prEN IEC 62570:2025
Asendab dokumenti: EVS-EN 62570:2015

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 18739

Dentistry - Vocabulary of process chain for CAD/CAM systems (ISO/DIS 18739:2025)

This document defines terms and definitions used in the process chain for CAD/CAM systems in dentistry in the process chain for CAD/CAM systems in dentistry (see Annex A).

Keel: en
Alusdokumendid: ISO/DIS 18739; prEN ISO 18739
Asendab dokumenti: EVS-EN ISO 18739:2016

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 19211

Anaesthetic and respiratory equipment - Fire-activated oxygen shut-off devices for use during oxygen therapy (ISO 19211:2024)

This document specifies requirements for fire activated oxygen shut-off devices that stop the flow of oxygen in respiratory therapy tubing when activated by fire. NOTE 1 Typical arrangements for fire activated oxygen shut-off devices are shown in Annex C. NOTE 2 Respiratory therapy tubing is covered by ISO 17256. NOTE 3 Use of fire activated oxygen shut-off devices in medical devices or accessories is not mandated in this document. The fire activated oxygen shut-off devices specified in this document are not suitable for use with oxygen therapy systems with flows in excess of 20 l/min). NOTE 4 There is rationale for this clause in A.2. The requirements in this device-specific standard take precedence over any conflicting requirements in the general standard for airway devices (ISO 18190). All the common requirements that appear in the general standard for airway devices have been removed from this document.

Keel: en
Alusdokumendid: ISO 19211:2024; prEN ISO 19211

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 3630-8

Dentistry - Endodontic instruments - Part 8: Accuracy of electronic apex locator (ISO/DIS 3630-8:2025)

This part of ISO 3630 specifies requirements and test methods for the accuracy of electronic apex locators that are used to determine the apical foramen (‘apex’ in this document) location during endodontic treatment. Integrated types of electronic apex locators are excluded from this standard.

Keel: en
Alusdokumendid: ISO/DIS 3630-8; prEN ISO 3630-8

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 3964-1

Dentistry - Coupling dimensions for handpiece connectors - Part 1: Mechanical properties (ISO/DIS 3964-1:2025)

This International Standard specifies the coupling between handpieces and motors connected to dental units. This International Standard specifies the nominal dimensions, tolerances and the extraction force of coupling systems for use between handpiece and motor which supply the handpiece with water, air and light, and rotation energy.

Keel: en
Alusdokumendid: ISO/DIS 3964-1; prEN ISO 3964-1
Asendab dokumenti: EVS-EN ISO 3964:2016
Asendab dokumenti: EVS-EN ISO 3964:2016/A1:2019

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 8980-4

Ophthalmic optics - Uncut finished spectacle lenses - Part 4: Specifications and test methods for anti-reflective and hydrophobic coatings (ISO/DIS 8980-4:2025)

This part of ISO 8980 specifies optional requirements and test methods for anti-reflective and hydrophobic coating properties on spectacle lenses. This part of ISO 8980 does not deal with the following topics: — requirements and test methods incorporated into other ISO 8980 series standards; — the colour of the reflected light.

Keel: en
Alusdokumendid: ISO/DIS 8980-4; prEN ISO 8980-4
Asendab dokumenti: EVS-EN ISO 8980-4:2006

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO/IEEE 11073-10103

Health informatics - Device interoperability - Part 10103: Nomenclature - Implantable device, cardiac (ISO/IEEE FDIS 11073-10103:2025)

The base nomenclature provided in IEEE 11073 to support terminology for implantable cardiac devices is extended in this standard. Devices within the scope of this nomenclature are implantable devices such as pacemakers, defibrillators, devices for cardiac resynchronization therapy, and implantable cardiac monitors. The discrete terms necessary to convey a clinically relevant summary of the information obtained during a device interrogation are defined in this nomenclature. To improve workflow efficiencies, cardiology and electrophysiology practices require the management of summary interrogation information from all vendor devices and systems in a central system such as an Electronic Health Records (EHR) system or a device clinic management system. To address this requirement, the Implantable Device, Cardiac (IDC) Nomenclature defines a standard-based terminology for device data. The nomenclature facilitates the transfer of data from the vendor proprietary systems to the clinic EHR or device clinic management system.

Keel: en
Alusdokumendid: ISO/IEEE FDIS 11073-10103; prEN ISO/IEEE 11073-10103
Asendab dokumenti: EVS-EN ISO 11073-10103:2014

Arvamusküsitluse lõppkuupäev: 30.06.2025

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 13238

Reaction to fire tests for building products - Conditioning procedures and general rules for selection of substrates

This document describes the conditioning procedures for test specimens which will be tested according to the European standards for reaction to fire. The rules for the selection of substrates for construction products when carrying out reaction to fire tests are also detailed in this document. This document does not contain requirements for - the pre-drying of test specimens for the non-combustibility test according EN ISO 1182; - methods of cleaning (e.g. washing) and other methods for the assessment of durability aspects, which are dealt with in the relevant product standards.

Keel: en
Alusdokumendid: prEN 13238
Asendab dokumenti: EVS-EN 13238:2010

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN 16150

Water quality - Guidance on pro-rata multi-habitat sampling of benthic macroinvertebrates from rivers and streams

This document gives guidance on procedures for the pro-rata multi-habitat sampling of benthic macroinvertebrates in rivers and streams. The term “pro-rata” reflects the intention to sample all the main riverine habitats present at a monitoring site according to the proportion of the site that it covers. It is an objective way to divide sampling effort among the different habitats. This guidance is applicable to all flowing waters, both artificial, modified and natural. This design enables comparable samples to be collected from any type of river, regardless of the habitats present. The pro-rata multi-habitat sampling is an overall approach rather than a specific method. This document is designed to: - support environmental and conservation agencies to meet the monitoring requirements of the WFD (Article 8, Annex II, and Annex V); - generate data sets appropriate for monitoring and reporting of sites designated under the Habitats Directive and the Birds Directive ensure that samples for comparing the overall composition of invertebrates from different stream types are comparable; - ensure samples for environmental quality assessments across different stream types are comparable even when sampled by different people; and - support river management and restoration initiatives. The pro-rata multi-habitat sample (MHS) provides: - a consistent way of sampling sites that is not dependent on the presence of particular types of habitat; and - guidance on a user-friendly strategy for collecting biological data depending on the distribution of substrate type. It is also ideal for: - understanding the distribution of biological community types across different physical river types; and - quality assessments based on deviation from reference, as adopted in the European Water Framework Directive.

Keel: en
Alusdokumendid: prEN 16150
Asendab dokumenti: EVS-EN 16150:2012

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN 18177

Circular economy in the construction sector - Framework, principles, and definitions

This document defines key terminology, establishes circular economy principles at the levels of construction works as well as construction products of all kinds, and provides a guidance framework for the implementation and assessment of circularity in the built environment.

Keel: en
Alusdokumendid: prEN 18177

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 11350

Water quality - Determination of the genotoxicity of water and waste water - Salmonella/microsome fluctuation test (Ames fluctuation test) (ISO 11350:2012)

This International Standard specifies a method for the determination of the genotoxic potential of water and waste water using the bacterial strains Salmonella enterica subsp. enterica serotype Typhimurium TA 98 and TA 100 in a fluctuation assay. This combination of strains is able to measure the genotoxicity of chemicals that induce point mutations (base pair substitutions and frameshift mutations) in genes coding for enzymes that are involved in the biosynthesis of the amino acid, histidine.

Keel: en
Alusdokumendid: ISO 11350:2012; prEN ISO 11350

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 14024

Environmental statements and programmes for products - Ecolabels (ISO/DIS 14024:2025)

1.1 This document specifies principles, requirements and gives guidance for ecolabelling programmes and ecolabels. 1.2 This document covers ecolabelling programme development, selection of product categories, product environmental criteria and product function criteria, and the process for evaluating and certifying products that are licensed to use an ecolabel and provides guidance on how ecolabels in conformity with this document can be differentiated from other ecolabels in the market. NOTE Ecolabels and ecolabelling programmes address environmental aspects of products, but can also include social and economic aspects in support of sustainable development.

Keel: en
Alusdokumendid: prEN ISO 14024; ISO/DIS 14024:2025
Asendab dokumenti: EVS-EN ISO 14024:2018

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 22032

Water quality - Determination of polybrominated diphenyl ethers (PBDE) in sediment, suspended (particulate) matter and biota - Method using gas chromatography-tandem mass spectrometry or high resolution mass spectrometry (GC-MS/MS; HRMS) (ISO/DIS 22032:2025)

This document specifies a method for the determination of selected polybrominated diphenylethers (PBDE) (see Figure 1 and Table 1) in sediment, suspended particulate matter and biota using gas chromatography/mass spectrometry (GC-MS/MS or GC-HRMS) in the electron impact (EI), negative ion chemical ionization (NCI) or atmospheric pressure ionization (APCI) mode. The method is applicable to sediment and suspended particulate matter samples with limits of quantification of 0,2 µg/kg dry weight (dw) for BDE-28 to BDE-183, of 2 µg/kg dry weight (dw) for BDE-209. The method is applicable as well with lower limits of

quantification (LOQ), if specific clean-up methods, described in Clause 10, Table 3, method 1 and method 2 in combination with measurement methods GC-MS/MS or GC-HRMS after electron impact ionization (EI) or negative ion chemical ionization (NCI) for BDE-209 are used. Depending on the analytical capability of the instrument limits of quantification down to 0,003 µg/kg dw for BDE-28 to BDE-154 and 0,02 µg/kg dw for BDE-183 and 1 µg/kg dw for BDE-209 and lower are possible. The method is applicable to biota samples with limits of quantification down to 0,000 2 µg/kg fresh weight (fw) (BDE-28 to BDE-154) and 0,03 µg/kg fresh weight (fw) (BDE-183), if specific clean-up methods, described in Table 4 in combination.

Keel: en
Alusdokumendid: ISO/DIS 22032; prEN ISO 22032
Asendab dokumenti: EVS-EN ISO 22032:2009

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEVS 812-6

Ehitiste tuleohutus. Osa 6: Tuletõrje veevarustus
Fire safety constructions - Part 6: Firefighting water supply

See Eesti standard annab soovitusi tuletõrje veevarustuse tagamisele (edaspidi tuletõrjeveevärgile, sh nii ehitisesisesele kui ka -välisele süsteemile), sõltumata selle veevärgi omandivormist ja veeallikate kuuluvusest. Standard käsitleb ehitiste ja nende osade ning muude kohtkindlate objektide varustamist tulekustutusveega (edaspidi kustutusveega). Standardis ei käsitleta veekogudel paiknevate objektide tuletõrjeveevarustust. Standardis esitatud tuletõrjeveevärgi rajamiseks antud soovitusi täidetakse nii planeerimisel, tuletõrjeveevärgi projekteerimisel, ehitamisel, katsetamisel kui ka olemasoleva veevärgi rekonstrueerimisel.

Keel: et
Asendab dokumenti: EVS 812-6:2012
Asendab dokumenti: EVS 812-6:2012/A1:2013
Asendab dokumenti: EVS 812-6:2012/A2:2017
Asendab dokumenti: EVS 812-6:2012/AC:2016
Asendab dokumenti: EVS 812-6:2012+A1:2013
Asendab dokumenti: EVS 812-6:2012+A1+A2

Arvamusküsitluse lõppkuupäev: 30.06.2025

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN IEC 61094-9:2025

Electroacoustics - Measurement microphones - Part 9: Specifications for transfer standard microphones

This part of IEC 61094 specifies the geometrical configuration and essential electroacoustic characteristics for condenser microphones used as transfer standards for the dissemination of measurement traceability for sound pressure and for sound pressure measurements of high accuracy. The specifications are intended to optimise reproducibility in pressure sensitivity calibration of measurement microphones by comparison in couplers and when the measurement microphones are coupled to a given sound calibrator or comparison coupler, in the range of nominal frequencies from 10 Hz to 1 250 Hz, when using the transfer standard microphone as a reference device. The specifications do not ensure that a transfer standard microphone can be used above 1 250 Hz, because the presence of a grid causes the reproducibility in the intended use to deteriorate. Some specifications for transfer standard microphones at higher frequencies are included because they are necessary for the intended use. This part of IEC 61094 also supplements the mnemonic system established in IEC 61094-1 for classifying measurement microphones, to include transfer standard microphones.

Keel: en
Alusdokumendid: 29/1198/CDV; prEN IEC 61094-9:2025

Arvamusküsitluse lõppkuupäev: 30.06.2025

19 KATSETAMINE

prEN 4179

Aerospace series - Qualification and approval of personnel for nondestructive testing

1.1 Purpose This document establishes the minimum requirements for the qualification and certification of personnel performing non-destructive testing (NDT), nondestructive inspection (NDI), or nondestructive evaluation (NDE) in the aerospace manufacturing, service, maintenance and overhaul industries. For the purposes of this document, the term NDT will be used and will be considered equivalent to NDI and NDE. In Europe, the term "approval" is used to denote a written statement by an employer that an individual has met specific requirements and has operating approval. The term "certification" as defined in 3.2 is used throughout this document as a substitute for the term "approval". Except when otherwise specified in the written practice, certification in accordance with this document includes operating approval. 1.2 Applicability This document applies to personnel who: - use NDT methods or equipment to test and/or accept materials, products, components, assemblies or sub-assemblies; - are directly responsible for the technical adequacy of the NDT methods and equipment used; - operate automatic interpretation or evaluation systems; - approve NDT procedures or work instructions; - audit NDT facilities; or - provide technical NDT support or training. This document does not apply to individuals who only have administrative or supervisory authority over NDT personnel or to research personnel developing NDT technology for subsequent implementation and approval by a certified Level 3. See Clause 8 regarding applicability to personnel performing specialized inspections using certain direct readout instruments. Definition Automated equipment refers to machinery and systems designed to perform tasks without human intervention. In a completely automated industrial process, these systems operate independently to execute various functions. 1.2.1 Implementation This document addresses the use of a National Aerospace NDT Board (NANDTB). NANDTBs are only used as specified per Annex C and it is not mandatory to have such a board for compliance with this document. Personnel certified to previous revisions

of NAS410 or EN 4179 need not recertify to the requirements of this document until their current certification expires. 1.3 Methods 1.3.1 NDT methods This document contains detailed requirements for the following NDT methods: Eddy Current Testing (ET) Liquid Penetrant Testing (PT) Magnetic Particle Testing (MT) Radiographic Testing (RT) Shearography Testing (ST) Thermographic Testing (IRT) Ultrasonic Testing (UT) 1.3.2 Other methods When invoked by engineering, quality, cognizant engineering organization or prime contractor requirements, this document applies to other current and emerging NDT methods used to determine the acceptability or suitability for intended service of a material, part, component, sub-assembly or assembly. Such methods include, but are not limited to, acoustic emission, neutron radiography, leak testing, and holography.

Keel: en
Alusdokumendid: prEN 4179
Asendab dokumenti: EVS-EN 4179:2021

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN IEC 62475:2025

High-current test techniques - Definitions and requirements for test currents and measuring systems

This document is applicable to high-current testing and measurements on both high-voltage and low-voltage equipment. It deals with steady-state and short-time direct current (as e.g. encountered in high-power DC testing), steady-state and short-time alternating current (as e.g. encountered in high-power AC testing), and impulse-current. In general, currents above 100 A are considered in this document, although currents less than this can occur in tests. NOTE This standard also covers fault detection during, for example, lightning impulse testing.

Keel: en
Alusdokumendid: 42/455/CDV; prEN IEC 62475:2025
Asendab dokumenti: EVS-EN 62475:2010

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO/ASTM 52969

Additive manufacturing of metals - Non-destructive testing and evaluation - Classification of imperfections in DED parts (ISO/ASTM DIS 52969:2025)

This document specifies the classification imperfections likely to be generated during an additive manufacturing process by DED for metallic parts. This document also indicates the most probable causes of the formation of imperfections and includes illustrations. Acceptance criteria for imperfections are not included in this document.

Keel: en
Alusdokumendid: ISO/ASTM DIS 52969; prEN ISO/ASTM 52969

Arvamusküsitluse lõppkuupäev: 30.06.2025

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

prEN ISO 4026

Fasteners - Hexagon socket set screws with flat point (ISO/DIS 4026:2025)

ISO 4026:2003 specifies the characteristics of hexagon socket set screws with flat point and threads from M1,6 up to and including M24 and of product grade A.

Keel: en
Alusdokumendid: ISO/DIS 4026; prEN ISO 4026
Asendab dokumenti: EVS-EN ISO 4029:2004

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 4028

Fasteners - Hexagon socket set screws with dog point (ISO/DIS 4028:2025)

ISO 4028:2003 specifies the characteristics of hexagon socket set screws with dog point and threads from M1,6 up to and including M24 and of product grade A.

Keel: en
Alusdokumendid: ISO/DIS 4028; prEN ISO 4028
Asendab dokumenti: EVS-EN ISO 4028:2004

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 4029

Fasteners - Hexagon socket set screws with cup point (ISO/DIS 4029:2025)

ISO 4029:2003 specifies the characteristics of hexagon socket set screws with cup point and threads from M1,6 up to and including M24 and of product grade A.

Keel: en
Alusdokumendid: ISO/DIS 4029; prEN ISO 4029
Asendab dokumenti: EVS-EN ISO 4029:2004

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 8743
Grooved pins - Half-length centre grooved (ISO/DIS 8743:2025)

This document specifies the characteristics of grooved pins with half-length centre oval grooves (with closed ends), in steel and stainless steel, and with nominal diameter 1 mm to 25 mm. These grooved pins are designed to fulfil the main following functions: — relative rotation of the assembled parts, and — positioning or guiding, with an easy installation (due to its symmetrical shape) and a high level of pull-out resistance (due to the elastic fit behaviour of the pin).

Keel: en
Alusdokumendid: ISO/DIS 8743; prEN ISO 8743
Asendab dokumenti: EVS-EN ISO 8743:1999

Arvamusküsitluse lõppkuupäev: 30.06.2025

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EN 549:2019+A2:2024/prA3
Rubber materials for seals and diaphragms for gas appliances and gas equipment

Amendment to EN 549:2019+A2:2024

Keel: en
Alusdokumendid: EN 549:2019+A2:2024/prA3
Muudab dokumenti: EVS-EN 549:2019+A2:2024

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN 16129
Pressure regulators, automatic change-over devices, having a maximum regulated pressure of 4 bar, with a maximum capacity of 150 kg/h, associated safety devices and adaptors for butane, propane, and their mixtures

This document specifies the design and operational characteristics, the safety requirements, test methods and the marking of regulators and automatic change-over devices having a maximum regulated pressure of 4 bar, with a maximum capacity of 150 kg/h, for use with butane, propane and their mixtures in the vapour phase. The maximum supply pressures for devices covered by this standard are 7,5 bar for butane and 16 bar for propane and LPG. This document also applies to the safety devices which are included within regulating devices covered by this document. This document also includes requirements for: - adaptors for connecting to self-closing valves; - integral or auxiliary safety devices. This document covers devices used in locations where the temperature likely to be reached during use is between −20 °C and +50 °C Additional requirements for devices to be used at temperatures down to −30 °C and/or up to +80 °C are defined in Annex C. This document gives special requirements for: - devices intended to be used in caravans and motor caravans (Annex D); - devices intended to be used in boats (Annex M); - specific connections which are not defined in other standards (e.g. EN 15202:2019 for cylinder valve connections). NOTE Boats considered in this document are recreational crafts covered by European Directive 2013/53/EU.

Keel: en
Alusdokumendid: prEN 16129
Asendab dokumenti: EVS-EN 16129:2013

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN 18183
Pumps - Specification for Gland Packings manufactured from Yarns and Ribbons

This document provides a method of describing the materials, impregnates and lubricants for various types of yarn and ribbon based packings intended for use as gland seals in mechanical equipment such as pumps, mixers, etc. It does not include similar products intended for other duties such as thermal insulation. Guidance is also given regarding dimensional and physical quality aspects of the packings and requirements for packaging and marking. Tests are specified for the determination of lubricant content, size and mass. NOTE 1 The information supplied by the purchaser at the time of enquiry and/or order is given in Annex B. NOTE 2 All packings are free from introduced asbestos fibres in conformance with Annex XVII of REACH.

Keel: en
Alusdokumendid: prEN 18183

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN IEC 63086-2-2:2025
Household and similar electrical air cleaning appliances - Method for measuring performance - Part 2-2: Particular requirements for determination of gas-phase pollutant reduction

This part of IEC 63086 specifies test methods for measuring the performance of electrically powered household and similar air cleaners intended for the reduction of gas -phase pollutants. This document is intended for measuring the reduction of the concentration of specific gas-phase pollutants. This does not necessarily correlate with the reduction of odour intensity in the case of odorous gas-phase pollutants. Such a reduction can only be tested by olfactory tests, which are not part of this document. NOTE Test methods for the determination of possible gas-phase by-products are under consideration.

Keel: en
Alusdokumendid: 59N/69/CDV; prEN IEC 63086-2-2:2025

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 15783

Seal-less rotodynamic pumps - Class II - Specification (ISO/DIS 15783:2025)

1.1 This International Standard specifies the requirements for seal-less rotodynamic pumps that are driven with permanent magnet coupling (magnet drive pumps) or with canned motor, and which are mainly used in chemical processes, water treatment and petrochemical industries. Their use can be dictated by space, noise, environment or safety regulations. Seal-less pumps are pumps where an inner rotor is completely contained in a pressure vessel holding the pumped fluid. The pressure vessel or primary containment device is sealed by static seals such as gaskets or O-rings. 1.2 Pumps will normally conform to recognized standard specifications (e.g. ISO 5199, explosion protection, electromagnetic compatibility), except where special requirements are specified herein. 1.3 This International Standard includes design features concerned with installation, maintenance and operational safety of the pumps, and defines those items to be agreed upon between the purchaser and manufacturer/supplier. 1.4 Where conformity to this International Standard has been requested and calls for a specific design feature, alternative designs may be offered providing that they satisfy the intent of this International Standard and they are described in detail. Pumps which do not conform with all requirements of this International Standard may also be offered providing that the deviations are fully identified and described. Whenever documents include contradictory requirements, they should be applied in the following sequence of priority: a) purchase order (or inquiry, if no order placed), see annexes D and E; b) data sheet (see annex A) or technical sheet or specification; c) this International Standard; d) other standards.

Keel: en
Alusdokumendid: ISO/DIS 15783; prEN ISO 15783
Asendab dokumenti: EVS-EN ISO 15783:2003
Asendab dokumenti: EVS-EN ISO 15783:2003/A1:2008

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEVS 812-6

Ehitiste tuleohutus. Osa 6: Tuletõrje veevarustus
Fire safety constructions - Part 6: Firefighting water supply

See Eesti standard annab soovitusi tuletõrje veevarustuse tagamisele (edaspidi tuletõrjeveevärgile, sh nii ehitisesisesele kui ka -välisele süsteemile), sõltumata selle veevärgi omandivormist ja veeallikate kuuluvusest. Standard käsitleb ehitiste ja nende osade ning muude kohtkindlate objektide varustamist tulekustutusveega (edaspidi kustutusveega). Standardis ei käsitleta veekogudel paiknevate objektide tuletõrjeveevarustust. Standardis esitatud tuletõrjeveevärgi rajamiseks antud soovitusi täidetakse nii planeerimisel, tuletõrjeveevärgi projekteerimisel, ehitamisel, katsetamisel kui ka olemasoleva veevärgi rekonstrueerimisel.

Keel: et
Asendab dokumenti: EVS 812-6:2012
Asendab dokumenti: EVS 812-6:2012/A1:2013
Asendab dokumenti: EVS 812-6:2012/A2:2017
Asendab dokumenti: EVS 812-6:2012/AC:2016
Asendab dokumenti: EVS 812-6:2012+A1:2013
Asendab dokumenti: EVS 812-6:2012+A1+A2

Arvamusküsitluse lõppkuupäev: 30.06.2025

25 TOOTMISTEHNOLOOGIA

prEN ISO 18491

Welding and allied processes - Measurement of arc energies (ISO/DIS 18491:2025)

This document specifies the measuring of parameters needed to calculate arc energies for arc welding processes.

Keel: en
Alusdokumendid: ISO/DIS 18491; prEN ISO 18491

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO/ASTM 52969

Additive manufacturing of metals - Non-destructive testing and evaluation - Classification of imperfections in DED parts (ISO/ASTM DIS 52969:2025)

This document specifies the classification imperfections likely to be generated during an additive manufacturing process by DED for metallic parts. This document also indicates the most probable causes of the formation of imperfections and includes illustrations. Acceptance criteria for imperfections are not included in this document.

Keel: en
Alusdokumendid: ISO/ASTM DIS 52969; prEN ISO/ASTM 52969

Arvamusküsitluse lõppkuupäev: 30.06.2025

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN IEC 62446-1:2025

Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 1: Grid connected systems - Documentation, commissioning tests and inspection

This part of IEC 62446 defines the information and documentation required to be handed over to a customer following the installation of a grid-connected PV system. It also describes the commissioning tests, inspection criteria and documentation expected to verify the safe installation and correct operation of the system. It can also be used for periodic retesting. This document is for use by system designers and installers of grid-connected solar PV systems as a template to provide effective documentation to a customer. By detailing the expected commissioning tests and inspection criteria, it is also intended to assist in the verification/inspection of a grid-connected PV system after installation and for subsequent re-inspection, maintenance or modifications. This document defines the different test regimes expected for different solar PV system types to ensure that the test regime applied is appropriate to the scale, type and complexity of the system in question. Throughout this document, there are various requirements highlighted from the "Applicable Installation Standard" (AIS). Where a local AIS does not have the specific requirement detailed in this document, then the requirement from IEC 62548-1 shall be used. Documentation, test and inspection requirements for systems incorporating a DC coupled battery are included in the scope of this document. NOTE 1 Batteries may also be AC coupled to a PV system, but as such are considered out of the scope of this document. Detailed system performance validation is not within the scope of this document. NOTE 2 IEC 61724 series should be consulted for PV system performance validation This document does not address off-grid systems, or concentrating PV systems, however many of the parts may apply. NOTE 3 IEC TS 62257-100 provides an overview of the 62257 series, which cover off-grid renewable energy and hybrid products and systems.

Keel: en
Alusdokumendid: 82/2364/CDV; prEN IEC 62446-1:2025
Asendab dokumenti: EVS-EN 62446-1:2016
Asendab dokumenti: EVS-EN 62446-1:2016/A1:2018

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 16795

Nuclear energy - Determination of Gd2O3 content in pellets containing uranium oxide by X-ray fluorescence spectrometry (ISO 16795:2024)

This document specifies a method which covers the determination of Gd2O3 content in UO2 fuel pellets, by X-ray fluorescence spectrometry. Either wave dispersion X-ray fluorescence (WD-XRF) or energy dispersion X-ray fluorescence (ED-XRF) is applicable, however, this document states a method by using WD-XRF using Gd Lα-line. This method has been tested for mass fractions of from 2 % to 10 % Gd2O3.

Keel: en
Alusdokumendid: ISO 16795:2024; prEN ISO 16795

Arvamusküsitluse lõppkuupäev: 30.06.2025

29 ELEKTROTEHNIKA

prEN IEC 61439-8:2025

Low-voltage switchgear and controlgear assemblies - Part 8: Assemblies for use in photovoltaic installations

This part of the IEC 61439 series specifies requirements for the design and verification of assemblies for use in photovoltaic installations. Such photovoltaic assemblies are designated PVAs. PVAs have the following characteristics: – assemblies used for the combination or recombination of electrical energy in DC systems for which the voltage does not exceed 1 500 V DC and supply to an AC network where the voltage does not exceed 1 000 V AC; – stationary assemblies with an enclosure; – assemblies intended for operation by authorised persons (see 3.7.17 of IEC 61439-1:2020), but can be located in an area accessible to ordinary persons; – suitable for indoor or outdoor installation. NOTE: PV installations having PV modules with micro-inverters that are connected directly to inter-connection assemblies according to IEC 61439-2 or IEC 61439-3 are not covered by this document. This document identifies definitions, specifies the service conditions, details the construction requirements, defines the technical characteristics, and provides verifications for PVAs. PVAs can also include control and or signaling devices associated with the distribution of electrical energy. This document applies to all PVAs whether they are designed and manufactured on a one-off basis or fully standardized and manufactured in quantity. The manufacture and/or assembly can be carried out by an entity other than the original manufacturer (see 3.10.1 of IEC 61439-1:2020).This document does not apply to individual devices, for example, circuit-breakers, fuse switches and self-contained components such as, motor starters, power electronic converter systems and equipment (PECS), switch mode power supplies (SMPS), uninterruptable power supplies (UPS), basic drive modules (BDM), complete drive modules (CDM), adjustable speed power drives systems (PDS), stand-alone energy storage systems (battery and capacitor systems), other electronic equipment which comply with their relevant product standards, and junction boxes for photovoltaic modules. This document describes their integration into a PVA or an empty enclosure used as a part of a PVA. For some applications, such as explosive atmospheres and/or functional safety, there may be a need to comply with the requirements of other standards or legislation in addition to those specified in the IEC 61439 series. This document does not apply to the specific types of assemblies covered by other parts of IEC 61439.

Keel: en
Alusdokumendid: prEN IEC 61439-8:2025; 121B/213/CDV

Arvamusküsitluse lõppkuupäev: 31.05.2025

prHD 60364-7-702:2025

Low-voltage electrical installations - Part 7-702: Requirements for special installations or locations - Swimming pools and fountains

The particular requirements of this part of IEC 60364 apply to electrical installations of: 1) Locations with one or more basins: – with intentional presence of water; and – intended or foreseen for a person or livestock to immerse completely or partly into the water; and – not intended to be drained after every use; 2) locations with presence of water containing facilities intended or foreseen to be used for swimming, wading, paddling or other activities in the water; EXAMPLES: Locations containing such facilities include dedicated areas of natural waters (e.g. sea, lakes, rivers), swimming pools, spray parks, splash parks, whirlpool spas, etc. 3) locations with a fountain. The extent of such a location is limited by a vertical circumscribing virtual surface at a distance of 4 m from the edge of the basin or the conventional upper limit of the presence of water.

Keel: en
Alusdokumendid: 64/2754/CDV; prHD 60364-7-702:2025
Asendab dokumenti: EVS-HD 60364-7-702:2010

Arvamusküsitluse lõppkuupäev: 30.06.2025

31 ELEKTROONIKA

prEN IEC 63041-1:2025

Piezoelectric sensors - Part 1: Generic specifications

This part of IEC 63041 applies to piezoelectric sensors of resonator, delay-line and non-acoustic types, which are used in physical and engineering sciences, chemistry and biochemistry, medical and environmental sciences, etc. The purpose of this document is to specify the terms and definitions for piezoelectric sensors, and to make sure from a technological perspective that users understand the state-of-art piezoelectric sensors and how to use them correctly.

Keel: en
Alusdokumendid: 49/1494/CDV; prEN IEC 63041-1:2025
Asendab dokumenti: EVS-EN IEC 63041-1:2021

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN IEC 63041-2:2025

Piezoelectric sensors - Part 2: Chemical and biochemical sensors

This part of IEC 63041 is applicable to piezoelectric chemical sensors mainly used in the field of biological, medical, gas and environmental sciences. The standard provides users with technical guidelines on biochemical sensors as well as basic knowledge of common chemical sensors.

Keel: en
Alusdokumendid: 49/1493/CDV; prEN IEC 63041-2:2025
Asendab dokumenti: EVS-EN IEC 63041-2:2018

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN IEC 63041-3:2025

Piezoelectric sensors - Part 3: Physical sensors

This part of IEC 63041 is applicable to piezoelectric physical sensors mainly used in the field of process control, wireless monitoring, dynamics, thermodynamics, vacuum engineering, and environmental sciences. This document provides users with technical guidelines as well as basic knowledge of common physical sensors. Piezoelectric sensors covered herein are those applied to the detection and measurement of physical quantities such as force, pressure, torque, viscosity, temperature, film thickness, acceleration, vibration, and tilt angle.

Keel: en
Alusdokumendid: 49/1495/CDV; prEN IEC 63041-3:2025
Asendab dokumenti: EVS-EN IEC 63041-3:2020

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN IEC 63541:2025

Lithium tantalate and lithium niobate crystals for surface acoustic wave (SAW) device applications - Specifications and measuring methods

This document applies to lithium tantalate (LT) and lithium niobate (LN) crystals for surface acoustic wave devices, including the as-grown crystals and lumbered crystals.

Keel: en
Alusdokumendid: 49/1496/CDV; prEN IEC 63541:2025

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 13694

Optics and photonics - Lasers and laser-related equipment - Test methods for laser beam irradiance (fluence) distribution (ISO/DIS 13694:2025)

This document specifies methods by which the measurement of power (energy) density distribution is made and defines parameters for the characterization of the spatial properties of laser power (energy)density distribution functions at a given plane. The methods given in this document are intended to be used for the testing and characterization of both continuous wave (cw) and pulsed laser beams used in optics and optical instruments. This document provides definitions of terms and symbols to be used in referring to power density distribution, as well as requirements for its measurement. For pulsed lasers, the distribution of time-integrated power density (i.e. energy density) is the quantity most often measured.

Keel: en
Alusdokumendid: ISO/DIS 13694; prEN ISO 13694 rev
Asendab dokumenti: EVS-EN ISO 13694:2018

Arvamusküsitluse lõppkuupäev: 30.06.2025

33 SIDETEHNIKA

EN 61300-1:2022/prA2:2025

Amendment 2 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 1: General and guidance

Amendment to EN 61300-1:2022

Keel: en
Alusdokumendid: 86B/5026/CDV; EN 61300-1:2022/prA2:2025
Muudab dokumenti: EVS-EN IEC 61300-1:2022

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN IEC 60794-1-210:2025

Optical fibre cables - Part 1-210: Generic specification - Basic optical cable test procedures - Environmental test methods - Underwater cable resistance to hydrostatic pressure, method f10

This part of IEC 60794-1 describes test procedures to be used in establishing uniform requirements for optical fibre cables for the environmental property - underwater cable resistance to hydrostatic pressure. 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. See IEC 60794-1-2 for a reference guide to test methods of all types and for general requirements.

Keel: en
Alusdokumendid: 86A/2554/CDV; prEN IEC 60794-1-210:2025

Arvamusküsitluse lõppkuupäev: 30.06.2025

45 RAUDTEETEHNIKA

prEN 16186-9

Railway applications - Driver's cabs - Part 9 : External visibility for metro vehicles

This document defines: - general design rules for access to the metro cab, - front visibility conditions including positions of people, - assessment. This document applies to metro vehicles with or without driver, excluding shuttles used for short distance transportation. Metro vehicle definition is according to EN 17343.

Keel: en
Alusdokumendid: prEN 16186-9

Arvamusküsitluse lõppkuupäev: 30.06.2025

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 12312-20

Aircraft ground support equipment - Specific requirements - Part 20: Electrical ground power units

This European Standard specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of ground power equipment, when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some performance requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and service companies. This European Standard applies to: - ground power units either self-propelled or towable (Examples see Annex A); - ground power equipment when mounted on other GSE; - ground power accessories intended for ground power equipment (including accessories for fixed equipment). This European Standard does not apply to: - the electrical characteristics of the supply, the type of power supply system and related measures against contact; - any electrical supply system not intended for aircraft use; - the on-board electrical system of the aircraft. This European Standard does not establish requirements for noise and vibration. Noise and vibration are dealt with respectively in EN 1915 4 and EN 1915 3. This European Standard does not deal with hazards in respect to a standard automotive chassis and from other vehicles on the apron. This Part

of EN 12312 is not applicable to ground power equipment which is manufactured before the date of publication of this European Standard by CEN. This part of EN 12312 is intended to be used in conjunction with EN 1915-1, EN 1915-2, EN 1915-3 (for vehicles) and EN 1915-4.

Keel: en
Alusdokumendid: prEN 12312-20
Asendab dokumenti: EVS-EN 12312-20:2005+A1:2009

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN 4179
Aerospace series - Qualification and approval of personnel for nondestructive testing

1.1 Purpose This document establishes the minimum requirements for the qualification and certification of personnel performing non-destructive testing (NDT), nondestructive inspection (NDI), or nondestructive evaluation (NDE) in the aerospace manufacturing, service, maintenance and overhaul industries. For the purposes of this document, the term NDT will be used and will be considered equivalent to NDI and NDE. In Europe, the term "approval" is used to denote a written statement by an employer that an individual has met specific requirements and has operating approval. The term "certification" as defined in 3.2 is used throughout this document as a substitute for the term "approval". Except when otherwise specified in the written practice, certification in accordance with this document includes operating approval. 1.2 Applicability This document applies to personnel who: - use NDT methods or equipment to test and/or accept materials, products, components, assemblies or sub-assemblies; - are directly responsible for the technical adequacy of the NDT methods and equipment used; - operate automatic interpretation or evaluation systems; - approve NDT procedures or work instructions; - audit NDT facilities; or - provide technical NDT support or training. This document does not apply to individuals who only have administrative or supervisory authority over NDT personnel or to research personnel developing NDT technology for subsequent implementation and approval by a certified Level 3. See Clause 8 regarding applicability to personnel performing specialized inspections using certain direct readout instruments. Definition Automated equipment refers to machinery and systems designed to perform tasks without human intervention. In a completely automated industrial process, these systems operate independently to execute various functions. 1.2.1 Implementation This document addresses the use of a National Aerospace NDT Board (NANDTB). NANDTBs are only used as specified per Annex C and it is not mandatory to have such a board for compliance with this document. Personnel certified to previous revisions of NAS410 or EN 4179 need not recertify to the requirements of this document until their current certification expires. 1.3 Methods 1.3.1 NDT methods This document contains detailed requirements for the following NDT methods: Eddy Current Testing (ET) Liquid Penetrant Testing (PT) Magnetic Particle Testing (MT) Radiographic Testing (RT) Shearography Testing (ST) Thermographic Testing (IRT) Ultrasonic Testing (UT) 1.3.2 Other methods When invoked by engineering, quality, cognizant engineering organization or prime contractor requirements, this document applies to other current and emerging NDT methods used to determine the acceptability or suitability for intended service of a material, part, component, sub-assembly or assembly. Such methods include, but are not limited to, acoustic emission, neutron radiography, leak testing, and holography.

Keel: en
Alusdokumendid: prEN 4179
Asendab dokumenti: EVS-EN 4179:2021

Arvamusküsitluse lõppkuupäev: 30.06.2025

53 TÕSTE- JA TEISALDUS-SEADMED

prEN 13135
Cranes - Safety - Design - Requirements for equipment

This document specifies requirements for the design and selection of electrical, mechanical, hydraulic and pneumatic equipment used in all types of cranes and their associated fixed load lifting attachments with the objectives of protecting personnel from hazards affecting their health and safety and of ensuring reliability of function. NOTE Specific requirements for particular types of cranes, and for load lifting attachments, are given in the appropriate European Standard. The electrical equipment covered by this document commences at the point of connection of the supply to the crane (the crane supply switch) including systems for power supply and control feeders situated outside the crane, e.g. flexible cables, conductor wires or bars, electric motors and cableless controls. The principles to be applied for cranes transporting hazardous loads are given in this document. Particular requirements are given for cranes transporting hot molten metal. This document does not cover the detail design of individual items of equipment except with regard to their selection for specific aspects of use. The proof of competence calculations and related strength requirements or safety margins of equipment and components are not covered by this document. NOTE Some safety margins are given here for issues not covered in the EN 13001 series. Hazards due to noise are not covered by this document. They are addressed in safety standards specific to each type of crane. The specific hazards due to potentially explosive atmospheres, ionising radiation, and operation in electromagnetic fields beyond the range of EN 61000-6-2 are not covered by this document. The significant hazards covered by this document are identified in Annex A. This document is not applicable to cranes manufactured before the date of its publication.

Keel: en
Alusdokumendid: prEN 13135
Asendab dokumenti: EVS-EN 13135:2013+A1:2018

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN 13586
Cranes - Access

This document specifies design requirements for non-powered access installed on cranes. NOTE 1 For other type of access, a requirement for information to be supplied is specified. Slidable, retractable means of access are excluded from the scope, except movable hoop guards. This document covers means of access to control stations and all access required for maintenance, certain erection and dismantling operations. For those cranes which are intended to be erected and dismantled frequently to change their

places of work, specific requirements for the access needed during these operations are not covered by this document and can be given in the appropriate European Standards for specific crane types. Lighting of means of access is not covered by this document and can be given in the appropriate European Standards for specific crane types. NOTE 2 Specific requirements for access on particular types of cranes are given in the appropriate European Standard for the particular crane type. The requirements given in this document do not take into account the safety distances related to: - guarding against hazard from moving parts; - relative movement between crane and adjacent structure or the ground/floor; - hazardous surface temperature; - electrical equipment. The significant hazards covered by this document are identified in Annex A. This document is not applicable to cranes manufactured before the date of its publication.

Keel: en
Alusdokumendid: prEN 13586
Asendab dokumenti: EVS-EN 13586:2020

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN 1459-7
Rough-terrain trucks - Safety requirements and verification - Part 7: Electrification

This document specifies electrical safety requirements for electrical systems of rough-terrain variable-reach trucks and slewing rough-terrain variable-reach trucks powered by one or more electric motors (hereafter referred to as trucks), namely pure electric and hybrid electric trucks, including when hydraulic systems are electrically powered. This document applies to electrical systems with maximum voltage greater than 32 up to 1500 V DC or greater than 21 up to 1000 V AC r.m.s. This document deals with all significant hazards, hazardous situations and events relevant to the trucks when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer. The significant hazards (see EN ISO 12100:2010, Annex B) dealt with in this document are listed in Annex A. This document does not deal with hazards which could occur: - during construction; - when operating trucks in potentially explosive atmospheres. This document does not cover: - electrical systems of trucks with maximum working voltage up to 32 V DC or 21 V AC r.m.s (see relevant requirements in EN 1459-1 or EN 1459-2, as applicable); - electric regenerative braking systems; - electrical systems of externally-powered trucks designed for operation only when mains-connected. NOTE Electrical systems of trucks designed to be both externally-powered and self-propelled are covered in this document when not mains-connected. This document does not deal with sales literature. This document does not address hazards specifically related to: - trucks designed to operate with varying levels of autonomy (autonomous trucks), including trucks which move autonomously to the charging station, or when truck has embedded safety-systems with fully or partially self-evolving behaviour or logic using machine learning approaches; - trucks with communication network connection. This document is not applicable to trucks manufactured before the date of its publication.

Keel: en
Alusdokumendid: prEN 1459-7

Arvamusküsitluse lõppkuupäev: 30.06.2025

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN IEC 63517:2025
Wearable electronic textiles - Test methods for performance of heating products - Heating temperature and power consumption

This document specifies a test method for the determination of heating performance of wearable heating e-textile products. Wearable heating textile products are made of e-textile parts including a portable battery for electric heating and conventional textile parts for garments . This document includes the test procedure for the heating temperature and power consumption of wearable heating garments such as jackets, vests, etc. Heating gloves and footwear are excluded. The safety and security of heating products are excluded, as the Information on thermal safety limits for heating products is addressed in IEC 62368-1 and IEC 60335-2-17. The performance and safety of the portable battery are also excluded.

Keel: en
Alusdokumendid: 124/309/CDV; prEN IEC 63517:2025

Arvamusküsitluse lõppkuupäev: 30.06.2025

67 TOIDUAINETE TEHNOLOOGIA

prEN 18179
Food authenticity - Method for detecting previously frozen poultry meat by determination of HADH activity

This document specifies a procedure that can be used to determine the HADH activity in poultry meat samples by spectrophotometry. The results can provide an indication whether poultry breast meat has been previously frozen based on the ratio of relative HADH activity, and can be used to verify the labelling of poultry breast meat sold as chilled poultry. When meat is frozen and thawed, the muscle mitochondria are damaged and the HADH enzyme is released into the intracellular fluid. The relative increase in a result above a value of 0,5 for the amount ratio of HADH found in fluid pressed activity from a sample before and after laboratory freezing can be used to indicate whether it freezing, indicates that the sample has been previously frozen. The HADH activity is determined using a spectrophotometric procedure. This protocol document is applicable specifically to chicken and turkey breast meat but can be used for other cuts and/or species with appropriate limit values. Additional validation can be required. The method document is not applicable to minced meat or to poultry preparations. The compliance assessment process is not part of this document.

Keel: en
Alusdokumendid: prEN 18179

Arvamusküsitluse lõppkuupäev: 30.06.2025

71 KEEMILINE TEHNOLOOGIA

prEN 16589-2

Laboratory local exhaust devices - Articulated extraction arms - Part 2: Commissioning and on-site testing

This document applies to test methods designed to be used at the place of installation of the AEA, usually a laboratory and for various laboratory applications that require local extraction. They are used for commissioning after installation, for maintenance and for qualification purposes. For certain customer requirements additional or modified test methods can be necessary. This document includes product functional performance referring to product standard detailed in EN 16589-1. Occupational health and safety assessments methods are not included in this document. This document does not consider performance requirements for the extract air system associated with the AEA installation and therefore extract system performance is not part of the scope. This document does not confirm or establish a capture zone of an AEA capture device only the functional extract capacity and mechanical functions of the AEA.

Keel: en
Alusdokumendid: prEN 16589-2

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN 212

Wood preservatives - General guidance on sampling and preparation for analysis of wood preservatives and treated timber

This document gives guidance on the general procedures to be followed in the sampling and preparation for analysis of wood preservatives and preservative-treated timber. This document is applicable to the provision of appropriate samples for analysis which can be used to check the content of active and other ingredients in preservative formulations, and the content of active and other ingredients of wood preservatives in treated timber, either before, during or after the service life of the timber. NOTE 1 Methods of sampling creosote and creosote-treated timber are described in EN 1014-1, EN 1014-2 and EN 12490. These are used in preference to the recommendations in this document. NOTE 2 No attempt has been made in this document to lay down detailed procedures to be adopted for control purposes at manufacturing plants where large volumes of preservatives are sampled. Nor does it attempt to establish procedures for checking the compliance of batches of treated timber with specifications demanding a defined level of treatment (see 6.2).

Keel: en
Alusdokumendid: prEN 212
Asendab dokumenti: EVS-EN 212:2003

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN IEC 63585:2025

Interpretation of Dissolved Gas Analysis in natural and synthetic esters

The purpose of this guide is to assist the transformer operator in evaluating dissolved gas analysis (DGA) data obtained from natural ester acc. IEC 62770 and synthetic ester acc. to IEC 61099 liquid filled transformers and similar equipment. Due to limited information on equipment filled with mono- and blended esters (IEC 63012) at present they are included in the informative Annex F. Ester liquids are present in the whole range of applications including transport and distribution networks, industrial, traction, wind and solar transformers as reflected in the database. Nowadays their use has been extended to power transformers. Ester liquids are also increasingly used in combination with tap-changers. Due to insufficient DGA data available, switching equipment is excluded from this standard. This guide includes the following: • Gas generation in a natural and synthetic ester-filled transformer • DGA Interpretation methods (fault type identification and gas levels and comparison with those for mineral oils) • Gas concentration guide values valid for the use of DGA interpretation tools • Interpretation of the dissolved gas analysis results. • Recommended actions based on the interpretation of dissolved gas analysis results. • Examples of faulty equipment The indications obtained should be viewed only as a guidance and any resulting action should be taken with a proper engineering judgement.

Keel: en
Alusdokumendid: 10/1261/CDV; prEN IEC 63585:2025

Arvamusküsitluse lõppkuupäev: 30.06.2025

75 NAFTA JA NAFTATEHNOLOOGIA

prEN ISO 4259-1

Petroleum and related products - Precision of measurement methods and results - Part 1: Determination of precision data in relation to methods of test (ISO/DIS 4259-1:2025)

This document specifies the methodology for the design of an interlaboratory study (ILS) and calculation of precision estimates of a test method specified by the study. In particular, it defines the relevant statistical terms (see Clause 3), the procedures to be adopted in the planning of an ILS to determine the precision of a test method (see Clause 4), and the method of calculating the precision from the results of such a study (see Clauses 5 and 6). The procedures in this document have been designed specifically for petroleum and petroleum related products, which are normally considered as homogeneous. However, the procedures described in this document can also be applied to other types of homogeneous products. Careful investigations are necessary before applying this document to products for which the assumption of homogeneity can be questioned.

Keel: en
Alusdokumendid: ISO/DIS 4259-1; prEN ISO 4259-1
Asendab dokumenti: EVS-EN ISO 4259-1:2017
Asendab dokumenti: EVS-EN ISO 4259-1:2017/A1:2020
Asendab dokumenti: EVS-EN ISO 4259-1:2017/A2:2021
Asendab dokumenti: EVS-EN ISO 4259-1:2017+A1:2020
Asendab dokumenti: EVS-EN ISO 4259-1:2017+A1+A2:2021

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN ISO 4259-2
Petroleum and related products - Precision of measurement methods and results - Part 2: Interpretation and application of precision data in relation to methods of test (ISO/DIS 4259-2:2025)

This document specifies the methodology for the application of precision estimates of a test method derived from ISO 4259-1. In particular, it defines the procedures for setting the property specification limits based upon test method precision where the property is determined using a specific test method, and in determining the specification conformance status when there are conflicting results between supplier and receiver. Other applications of this test method precision are briefly described in principle without the associated procedures. The procedures in this document have been designed specifically for petroleum and petroleum-related products, which are normally homogeneous. However, the procedures described in this document can also be applied to other types of homogeneous products. Careful investigations are necessary.

Keel: en
Alusdokumendid: ISO/DIS 4259-2; prEN ISO 4259-2
Asendab dokumenti: EVS-EN ISO 4259-2:2017
Asendab dokumenti: EVS-EN ISO 4259-2:2017/A1:2020
Asendab dokumenti: EVS-EN ISO 4259-2:2017+A1:2020

Arvamusküsitluse lõppkuupäev: 30.06.2025

77 METALLURGIA

prEN ISO 18203
Steel - Determination of the thickness of surface-hardened layers (ISO/DIS 18203:2025)

ISO 18203:2016 specifies a method of measuring the case hardening depth, surface hardening depth, nitriding hardness depth and total thickness of surface hardening depth obtained, e.g. thermal (flame and induction hardening, electron beam hardening, laser beam hardening, etc.) or thermochemical (carbonitriding, carburizing and hardening, hardening and nitriding, etc.) treatment.

Keel: en
Alusdokumendid: ISO/DIS 18203; prEN ISO 18203
Asendab dokumenti: EVS-EN ISO 18203:2022

Arvamusküsitluse lõppkuupäev: 30.06.2025

79 PUIDUTEHNOLOOGIA

prEN 14519
Solid softwood panelling and cladding - Machined profiles with tongue and groove

This document specifies characteristics of solid wood panelling and cladding with tongue and groove machined from softwoods (wood of trees of the botanical group gymnosperms). Products are intended for interior or exterior use. This document covers treated, untreated and surface treated products, including those made of thermally and chemically modified wood, as well as finger jointed products. This document does not cover processes for treatment, surface coating or modification. NOTE Where further regulatory provisions (e.g. durability, reaction to fire, dangerous substances and generally CE-marking according to CPR) are required, EN 14915 applies.

Keel: en
Alusdokumendid: prEN 14519
Asendab dokumenti: EVS-EN 14519:2006

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN 14951
Solid hardwood panelling and cladding - Machined profiles

This document specifies characteristics of solid wood panelling and cladding with or without tongue and groove machined from hardwoods (wood of trees of the botanical group dicotyledons). Products are intended for interior or exterior use. This document covers treated, untreated and surface treated products, including those made of thermally and chemically modified wood, as well as finger jointed products. This document does not cover processes for treatment, surface coating or modification. NOTE Where further regulatory provisions (e.g. durability, reaction to fire, dangerous substances and generally CE-marking according to CPR) are required, EN 14915 applies.

Keel: en
Alusdokumendid: prEN 14951
Asendab dokumenti: EVS-EN 14951:2006

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN 15146
Solid softwood panelling and cladding - Machined profiles without tongue and groove

This document specifies characteristics of solid wood panelling and cladding without tongue and groove machined from softwoods (wood of trees of the botanical group gymnosperms). Products are intended for interior or exterior use. This document covers treated, untreated and surface treated products, including those made of thermally and chemically modified wood, as well as finger jointed products. This document does not cover processes for treatment, surface coating or modification. NOTE Where further regulatory provisions (e.g. durability, reaction to fire, dangerous substances and generally CE-marking according to CPR) are required, EN 14915 applies.

Keel: en
Alusdokumendid: prEN 15146
Asendab dokumenti: EVS-EN 15146:2007

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN 16755
Classes of fire-retardant treated wood products in interior and exterior end use applications - Reaction to fire performance

This document describes test methods and methods for classification of wood and wood-based products for which a stage in the production process results in an improvement of the reaction-to-fire classification in accordance with EN 13501-1 for use in interior and exterior situations (use classes 1, 2, and 3 as defined in EN 335:2013). NOTE The classes of this document are not performance classes and do not give guidance for how long the reaction to fire classification of wood or wood-based product will last. This document applies to - wood and wood-based products (specific wood species, wood treated with preservatives and modified wood, for example thermally and chemically modified wood) that have been treated with fire-retardant chemical(s) applied either by a penetrating process or by a superficial process, such as with a film forming fire-retardant coating. - wood-based products that incorporate fire retardant chemical(s) as part of the production process. This document also covers fire-retardant wood and wood-based products that have a non-fire-retardant coating. Mechanical properties, aesthetic properties, dimensional stability properties, service life and biological durability of fire-retardant wood and wood-based products are not covered by this document. NOTE 2 This document is relevant for, but not limited to, products covered by these products standards: EN 13986, EN 14081-1, EN14374, EN 14915 and EN 16351. NOTE 3 EAD 350865-00-1106 covers fire retardant products (coating) applied in situ.

Keel: en
Alusdokumendid: prEN 16755
Asendab dokumenti: EVS-EN 16755:2017
Asendab dokumenti: EVS-EN 16755:2017/AC:2018

Arvamusküsitluse lõppkuupäev: 30.06.2025

83 KUMMI- JA PLASTITÖÖSTUS

prEN 513
Plastics - Poly(vinyl chloride) (PVC) based profiles - Determination of the resistance to artificial weathering

This document specifies a method for exposing specimens made from poly(vinyl chloride) (PVC) based profiles to xenon-arc radiation, in order to assess changes in characteristics. It is applicable to PVC based profiles including those covered with foil, paint, thermo-laminated foils or coextruded. NOTE The determination of changes in colour and variations of properties after exposure of PVC based profiles to xenon-arc radiation is described in an informative Annex A.

Keel: en
Alusdokumendid: prEN 513
Asendab dokumenti: EVS-EN 513:2018

Arvamusküsitluse lõppkuupäev: 30.06.2025

91 EHITUSMATERJALID JA EHITUS

HD 60364-8-82:2025/prA1:2025
Amendment 1 - Low-voltage electrical installations - Part 8-82: Functional aspects - Prosumer's low-voltage electrical installations

Amendment to HD 60364-8-82:2025

Keel: en
Alusdokumendid: 64/2755/CDV; HD 60364-8-82:2025/prA1:2025
Muudab dokumenti: prHD 60364-8-82:2022

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN 12831-1

Energy performance of buildings - Method for calculation of the design heat load - Part 1: Space heating load, Module M3-3

This European Standard covers methods for the calculation of the design heat load for single rooms, building entities and buildings, where the design heat load is defined as the heat supply (power) needed to maintain the required internal design temperature under design external conditions. Table 1 shows the relative position of this standard within the set of EPB standards in the context of the modular structure as set out in EN ISO 52000 -1. NOTE 1 In CEN ISO/TR 52000 2 the same table can be found, 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 may cover more than one module and one module may be covered by more than one EPB standard, for instance a simplified and a detailed method respectively. See also Clause 2 and Tables A.1 and B.1. (...)

Keel: en
Alusdokumendid: prEN 12831-1
Asendab dokumenti: EVS-EN 12831-1:2017

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN 17964

Low height mobile working platform - Materials, dimensions, design loads, safety and performance requirements

This European Standard applies to the design of small mobile access and working platforms (S-MAT): - with wheels- for assembly and use by one person- with no more than one platform level - made of prefabricated elements with dimensions which are fixed by the design - with a platform height limited by the design up to 2,0m. S-MATs can be used indoors and outdoors. S-MATS can be removed immediately in case of arising wind greater than an equivalent dynamic pressure 0.1kN/m2 or at the end of the work shift.This document: - gives dimensional requirements and - safety and performance requirements. This product standard does not apply to: - scaffolds according to EN 12810-1 and EN 12811-1 - mobile access towers according to EN 1004-1 - mobile ladders with platform according to EN 131-7 - ladders with separate platform according to EN 131-8 where different load assumptions and verification methods are applied.

Keel: en
Alusdokumendid: prEN 17964

Arvamusküsitluse lõppkuupäev: 31.05.2025

prEN 18177

Circular economy in the construction sector - Framework, principles, and definitions

This document defines key terminology, establishes circular economy principles at the levels of construction works as well as construction products of all kinds, and provides a guidance framework for the implementation and assessment of circularity in the built environment.

Keel: en
Alusdokumendid: prEN 18177

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEVS 812-6

Ehitiste tuleohutus. Osa 6: Tuletõrje veevarustus
Fire safety constructions - Part 6: Firefighting water supply

See Eesti standard annab soovitusi tuletõrje veevarustuse tagamisele (edaspidi tuletõrjeveevärgile, sh nii ehitisesisesele kui ka -välisele süsteemile), sõltumata selle veevärgi omandivormist ja veeallikate kuuluvusest. Standard käsitleb ehitiste ja nende osade ning muude kohtkindlate objektide varustamist tulekustutusveega (edaspidi kustutusveega). Standardis ei käsitleta veekogudel paiknevate objektide tuletõrjeveevarustust. Standardis esitatud tuletõrjeveevärgi rajamiseks antud soovitusi täidetakse nii planeerimisel, tuletõrjeveevärgi projekteerimisel, ehitamisel, katsetamisel kui ka olemasoleva veevärgi rekonstrueerimisel.

Keel: et
Asendab dokumenti: EVS 812-6:2012
Asendab dokumenti: EVS 812-6:2012/A1:2013
Asendab dokumenti: EVS 812-6:2012/A2:2017
Asendab dokumenti: EVS 812-6:2012/AC:2016
Asendab dokumenti: EVS 812-6:2012+A1:2013
Asendab dokumenti: EVS 812-6:2012+A1+A2

Arvamusküsitluse lõppkuupäev: 30.06.2025

prHD 60364-7-702:2025

Low-voltage electrical installations - Part 7-702: Requirements for special installations or locations - Swimming pools and fountains

The particular requirements of this part of IEC 60364 apply to electrical installations of: 1) Locations with one or more basins: – with intentional presence of water; and – intended or foreseen for a person or livestock to immerse completely or partly into the water; and – not intended to be drained after every use; 2) locations with presence of water containing facilities intended or foreseen to be used for swimming, wading, paddling or other activities in the water; EXAMPLES: Locations containing such facilities include dedicated areas of natural waters (e.g. sea, lakes, rivers), swimming pools, spray parks, splash parks, whirlpool

spas, etc. 3) locations with a fountain. The extent of such a location is limited by a vertical circumscribing virtual surface at a distance of 4 m from the edge of the basin or the conventional upper limit of the presence of water.

Keel: en
Alusdokumendid: 64/2754/CDV; prHD 60364-7-702:2025
Asendab dokumenti: EVS-HD 60364-7-702:2010

Arvamusküsitluse lõppkuupäev: 30.06.2025

prHD 60364-7-751:2025

Low-voltage electrical installations - Part 7-751: Requirements for special installations or locations - Low voltage generating sets

This part of IEC 60364 applies to electrical installations containing, or having the provision for connection of, one or more low voltage generating sets. This part covers the supply of an installation from a battery but does not cover the charging of the battery.

Keel: en
Alusdokumendid: 64/2749/CDV; prHD 60364-7-751:2025

Arvamusküsitluse lõppkuupäev: 30.06.2025

93 RAJATISED

prEVS 812-6

Ehitiste tuleohutus. Osa 6: Tuletõrje veevarustus
Fire safety constructions - Part 6: Firefighting water supply

See Eesti standard annab soovitusi tuletõrje veevarustuse tagamisele (edaspidi tuletõrjeveevärgile, sh nii ehitisesisesele kui ka -välisele süsteemile), sõltumata selle veevärgi omandivormist ja veeallikate kuuluvusest. Standard käsitleb ehitiste ja nende osade ning muude kohtkindlate objektide varustamist tulekustutusveega (edaspidi kustutusveega). Standardis ei käsitleta veekogudel paiknevate objektide tuletõrjeveevarustust. Standardis esitatud tuletõrjeveevärgi rajamiseks antud soovitusi täidetakse nii planeerimisel, tuletõrjeveevärgi projekteerimisel, ehitamisel, katsetamisel kui ka olemasoleva veevärgi rekonstrueerimisel.

Keel: et
Asendab dokumenti: EVS 812-6:2012
Asendab dokumenti: EVS 812-6:2012/A1:2013
Asendab dokumenti: EVS 812-6:2012/A2:2017
Asendab dokumenti: EVS 812-6:2012/AC:2016
Asendab dokumenti: EVS 812-6:2012+A1:2013
Asendab dokumenti: EVS 812-6:2012+A1+A2

Arvamusküsitluse lõppkuupäev: 30.06.2025

97 OLME. MEELELAHUTUS. SPORT

prEN 16647-2

Alcohol powered flueless fireplaces - Safety requirements and test methods - Part 2: Automatically operated decorative fireplaces for domestic use

This document applies to decorative, automatically controlled fireplaces for domestic use, producing a flame using liquid alcohol, hereafter referred to as fuel, for decoration. NOTE 1 The requirements outlined in this document can be applied even outside domestic settings. In that case additional or different rules on the use of the fireplaces can apply. This document applies to decorative fireplaces that do not require manual user interaction during normal operation. These fireplaces include electric or electronic components that control the basic operation (incl. automatic filling system). NOTE 2 These components control the safe operation and avoid hazards such as: - Fuel spillage while filling - Overfilling - Fuel explosion while igniting - Accidental ignition while refilling - Overheating - Unsuccessful extinguishing The document applies only to fireplaces for use in indoor areas. This document applies to free-standing, wall-mounted and built-in fireplaces. This document applies to fireplaces ready for use, whose burner is an integral component of the fireplace. This document does not apply to fireplaces specifically designed for heating food or keeping food warm (rechauds), as well as to fireplaces for use in boats, caravans, other. This document does not apply to fireplaces with declared heating function. This document does not apply to fireplaces, that are connected to a flue. NOTE 3 Because of the safety component of automatically operated fireplaces this scope is not limited to a specific heat output or fuel consumption. Regarding heat output limits, national legislation can apply.

Keel: en
Alusdokumendid: prEN 16647-2
Asendab dokumenti: EVS-EN 16647:2015

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN 1729-1

Furniture - Chairs and tables for educational institutions - Part 1: Functional dimensions

This document specifies functional dimensions and markings for all chairs, stools and tables, for educational institutions, including fixed and adjustable chairs and tables. It applies to both un-upholstered and upholstered chairs and stools as well as to both non-swivel and swivel chairs. It applies to furniture for use with laptop computers or portable devices. It does not apply to ranked seating or special purpose workstations. It does not apply to furniture used by teaching personnel. Annex A (informative) includes guidance on size marks for adjustable chairs and tables. Annex B (normative) includes double-sloped high chairs and associated

tables. Annex C (informative) includes guidance on calculating heights of double-sloped chairs and associated tables. Annex D (normative) includes chair measurement methods. Annex E (informative) includes a rationale for functional dimensions.

Keel: en
Alusdokumendid: prEN 1729-1
Asendab dokumenti: EVS-EN 1729-1:2015
Asendab dokumenti: EVS-EN 1729-1:2015/AC:2016

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN IEC 63086-2-2:2025

Household and similar electrical air cleaning appliances - Method for measuring performance - Part 2-2: Particular requirements for determination of gas-phase pollutant reduction

This part of IEC 63086 specifies test methods for measuring the performance of electrically powered household and similar air cleaners intended for the reduction of gas -phase pollutants. This document is intended for measuring the reduction of the concentration of specific gas-phase pollutants. This does not necessarily correlate with the reduction of odour intensity in the case of odorous gas-phase pollutants. Such a reduction can only be tested by olfactory tests, which are not part of this document. NOTE Test methods for the determination of possible gas-phase by-products are under consideration.

Keel: en
Alusdokumendid: 59N/69/CDV; prEN IEC 63086-2-2:2025

Arvamusküsitluse lõppkuupäev: 30.06.2025

prEN IEC/ASTM 63470:2025

Cooking fume extractors - Methods for measuring the capture efficiency

This document establishes a method to determine and quantify the capture efficiency of cooking fume extractors in a test chamber under controlled laboratory conditions using tracer gas techniques. The capture efficiency is the fraction of the cooking fumes that are directly captured by the fume extractor and do not mix with the room air. The method applies to cooking fume extractors as defined in IEC 61591. This test method only applies to airflows up to 720 m3 128 /h.

Keel: en
Alusdokumendid: 59K/411/CDV; prEN IEC/ASTM 63470:2025

Arvamusküsitluse lõppkuupäev: 30.06.2025

TÕLKED KOMMENTEERIMISEL

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

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

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

EN 17867:2023/prA1

Mootoribensiin väikeste sisepõlemismootorite jaoks. Nõuded ja katsemeetodid

See dokument määratleb nõuded mootoribensiinile, mida kasutatakse kütusena väikestes mootorites, koos nende omaduste testimiseks kasutatavate meetoditega. See dokument määratleb nõuded kahele madala aromaatsete ainete ja väävlisisaldusega mootoribensiinitüübile: — üks tüüp, mis on väliselt õlitatavates neljataktilistes mootorites kasutamiseks; ja — üks segatud mootoribensiin tüüp, mis on mõeldud seguga määritavate mootorite jaoks. Lisatud mootoriõli omaduste katsetamine ei kuulu selle dokumendi käsitlusalasse. MÄRKUS Selles dokumendis kasutatakse vastavalt tähiseid „% (m/m)“ ja „% (V/V)“, et iseloomustada vastavalt massiosa ja mahuosa. EE MÄRKUS Selles Eesti standardis kasutatakse vastavalt tähiseid „massi%“ ja „mahu%“, et iseloomustada massiosa ja mahuosa.

Keel: et
Alusdokumendid: EN 17867:2023/prA1

Kommenteerimise lõppkuupäev: 31.05.2025

EVS-EN 12255-1:2024

Reoveepuhastid. Osa 1: Projekteerimise ja ehitamise üldpõhimõtted

See dokument määratleb põhinõuded reoveepuhastite projekteerimiseks ja ehitamiseks, pidades silmas elanike ja inimekvivalentide koguarvu (PT), mis on suurem kui 50. MÄRKUS 1 Nõuded konstruktsioonidele, mis ei ole eriomased reoveepuhastitele, ei kuulu dokumendi käsitlusalasse. Siinkohal võivad kohalduda teised EN standardid. MÄRKUS 2 Seadmed, mida ei kasutata ainult reoveepuhastites, peavad vastama kehtivatele tootestandarditele. Küll on selles osas toodud erinõuded sellistele seadmetele, kui neid kasutatakse reoveepuhastites. MÄRKUS 3 Kuigi dokument määratleb põhinõuded reoveepuhastite projekteerimiseks ja ehitamiseks, pidades silmas elanike ja inimekvivalentide koguarvu (PT), mis on suurem kui 50, on paljud nõuded tehniliselt ja majanduslikult teostatavad ainult oluliselt suuremate mõõtmete puhul.

Keel: et
Alusdokumendid: EN 12255-1:2024

Kommenteerimise lõppkuupäev: 31.05.2025

EVS-EN 60204-1:2018/prA1

Masinate ohutus. Masinate elektriseadmed. Osa 1: Üldnõuded

Standardi EVS-EN 60204-1:2018 muudatus

Keel: et
Alusdokumendid: IEC 60204-1:2016/AMD1:2021; EN 60204-1:2018/A1:2025

Kommenteerimise lõppkuupäev: 31.05.2025

EVS-EN ISO 10077-2:2017/A1:2025

Akende, uste ja luukide soojuslik toimivus. Soojusläbivuse arvutus. Osa 2: Raamide numbriline arvutusmeetod

Standardi EVS-EN ISO 10077-2:2017 muudatus.

Keel: et
Alusdokumendid: ISO 10077-2:2017/Amd 1:2024; EN ISO 10077-2:2017/A1:2025

Kommenteerimise lõppkuupäev: 31.05.2025

prEN 13501-3

Ehitustoodete ja -elementide tuleohutusalane klassifikatsioon. Osa 3: Klassifikatsioon hoone tehnorajatistes kasutatavate toodete ja elementide tulepüsivuskatsete andmete põhjal: tulekindlad ventilatsioonikanalid ja tulesiibrid ja/või toite-, juhtimis- ja sidekaablid

Käesolevas dokumendis on täpsustatud hoone tehnorajatiste komponentidena kasutatavate ehitustoodete ja ehitusdetailide tulekindluse klassifitseerimise protseduur, kasutades tulepüsivuskatsete andmeid, mis kuuluvad asjakohase katsemeetodi otsesesse kohaldamisalasse. Selle dokumendi reguleerimisalasse kuulub ka klassifitseerimine katsetulemuste laiendatud kohaldamisala alusel. Ventilatsioonisüsteemides kasutatavad ehitustooted või ehituselemendid on järgmised (v.a suitsutõrjesüsteemid): — tulekindlad ventilatsioonikanalid; — tuletõkkeklapid. Ehitustooted või ehituselemendid, mida kasutatakse kaablisüsteemides või kaablisüsteemidena: — kaitsmata elektrikaablid, millel on sisemine tulepüsivus; — Kaablisüsteemide ja nendega seotud komponentide tuletõkkesüsteemid. Nende ehitustoodete/ehitusdetailide jaoks koostatud asjakohased katsemeetodid on loetletud punktis 2. MÄRKUS See dokument ei hõlma üldiselt tuletõkkeklappidega seotud kaableid, välja arvatud juhul, kui on olemas kohalik määrus, mis seda nõuab.

Keel: et
Alusdokumendid: prEN 13501-3

Kommenteerimise lõppkuupäev: 31.05.2025

prEN 14336

Hoonete küttesüsteemid. Veepõhiste küttesüsteemide paigaldamine ja kasutuselevõtmine

See dokument määrab kindlaks nõuded veepõhise kütte-, veepõhise jahutus- ja sooja tarbeveesüsteemide paigaldamiseks ja kasutuselevõtmiseks hoonetes, mille maksimaalne töötemperatuur on 105 °C. Seda dokumenti kohaldatakse süsteemide kui terviku kasutuselevõtmiseks nii uute süsteemide, renoveerimiste kui ka seadmete väljavahetamise korral. Seda dokumenti ei kohaldata ülekuumendatud veesoojendus- või aurusüsteemide suhtes ning see ei hõlma üksikute komponentide konkreetseid kasutuselevõtmise nõudeid (nt kuidas määrata kütuse ja õhu suhet põleti puhul). Samuti ei kohaldata seda lisatud süsteemide (nt kliimaseadmete, sooja tarbevee jaotamise, ventilatsioonisüsteemide) paigaldamise või kasutuselevõtmise suhtes. Selles dokumendis on sätestatud ainult tehnilised nõuded, kuid selles ei ole täpsustatud mingeid ärilisi või lepingulisi kokkuleppeid poolte vahel.

Keel: et
Alusdokumendid: prEN 14336

Kommenteerimise lõppkuupäev: 31.05.2025

prEN 1886

Hoonete ventilatsioon. Õhu töötlemisseadmed. Mehaaniline toimimine

Selles dokumendis on määratletud katsemeetodid, katsenõuded ja klassifikatsioonid mitteeluhoonetes kasutatavate õhu töötlemisseadmete jaoks. Lekkekatsete hulka on lisatud ka meetod kohapealseks katsetamiseks. Katsemeetodid ja -nõuded kehtivad nii mudelkastidele kui ka tegelikele seadmetele, välja arvatud kesta soojustoimivuse ja akustilise toimivuse puhul. Kesta soojustoimivuse katsemeetod on kohaldatav erinevate kestakonstruktsioonide võrdlemiseks, kuid mitte kesta kaudu toimuvate soojuskadude või kondensatsiooni ohu arvutamiseks. Kesta akustilise toimivuse katsemeetod on kohaldatav erinevate kestakonstruktsioonide võrdlemiseks, kuid mitte täpsete akustiliste andmete esitamiseks konkreetsete seadmete jaoks. See dokument ei kohaldu puhurkonvektoritele ja muudele sarnastele toodetele. Selles dokumendis määratletud filtri möödavoolu katse ei kohaldu suure efektiivsusega tahkete osakeste (HEPA) filtriga paigaldistele.

Keel: et
Alusdokumendid: prEN 1886

Kommenteerimise lõppkuupäev: 31.05.2025

prEVS-EN IEC 62305-4

Piksekaitse. Osa 4: Ehitiste elektri- ja elektroonikasüsteemid

Standardi IEC 62305 see osa esitab nõuded elektri- ja elektroonikasüsteemide kaitse (SPM) projekteerimise, paigaldamise, kontrolli, hoolduse ja katsetamise kohta, eesmärgiga vähendada välgu elektromagnetilise impulsi (LEMP) põhjustatud püsivate rikete riski ehitise sees. Standard ei käsitle kaitset välgu tekitatud elektromagnetiliste häiringute vastu, mis võivad põhjustada elektroonikasüsteemide väärtalitlust. Siiski võib lisas A toodud informatsiooni kasutada ka selliste häiringute hindamiseks. Kaitsemeetmeid elektromagnetiliste häiringute vastu käsitletakse standardis IEC 60364-4-44 [3] ja standardisarjas IEC 61000 [4]. Standard annab juhtnööre elektri- ja elektroonikasüsteemide projekteerija ning kaitsemeetmete projekteerija vaheliseks koostööks, eesmärgiga saavutada kaitse optimaalne efektiivsus. Standard ei käsitle elektri- ja elektroonikasüsteemide enda üksikasjalikku projekteerimist.

Keel: et
Alusdokumendid: IEC 62305-4:2024; EN IEC 62305-4:2024

Kommenteerimise lõppkuupäev: 31.05.2025

ALGUPÄRASTE STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE KOOSTAMINE

Allpool on toodud teave eelmise EVS Teataja avaldamise järel Eesti Standardimis- ja Akrediteerimiskeskusele esitatud algupäraste standardite ja standardilaadsete dokumentide koostamis-, muutmis- ja uustöötlusettepanekute kohta, millega algatatakse Eesti algupärase dokumendi koostamise protsess.

Rohkem infot koostatava dokumendi kohta saab EVS-i standardiosakonnast: standardiosakond@evs.ee.

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

prEVS 922

Raudteealased rakendused. Raudteefoorid, tee- ja signaalmärgid
Railway applications - Railway signals, track signals and warning signs

Standard käsitleb raudtee tee- ja signaalmärke ning raudteefoore, nõudeid nende kujule ja suurusele, värvus- ja peegeldusomadustele ning paigaldamisele ja nähtavusele.

Asendab dokumenti: EVS 922:2014
Koostamisettepaneku esitaja: EVS/TK 16 "Raudtee"

prEVS-EN 590/prNA

Mootorikütused. Diislikütus. Nõuded ja katsemeetodid. Eesti standardi rahvuslik lisa
Automotive fuels - Diesel - Requirements and test methods - Estonian National Annex

Eesti standardi rahvuslik lisa Euroopa standardile EN 590

Täiendab rahvuslikult dokumenti: prEN 590
Koostamisettepaneku esitaja: EVS/TK 37 Kütuste ja määrdeainete kvaliteet

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 910:2017

Kinnisvara korrashoiu hanke dokumendid ja nende koostamise juhend
Procurement documents for property maintenace and their preparing guide

Standardis nimetatakse ja määratletakse kinnisvara korrashoiu valdkonna hangete korraldamise põhimõisted. Samuti antakse juhised, tüüpvormid ja arusaamad korrashoiu hanke ratsionaalsest ja kvaliteetsest korraldusest ning korraldusega kaasnevast dokumentatsioonist. Standardi käsitlusala hõlmab Eesti standardi EVS 807:2016 tegevustest järgmiseid komplekstegevusi: — koodid 100 ja 500 (kinnisvarakeskkonna juhtimine, sh haldamine ja omanikukohustuste täitmine); — koodid 200 ja 300 (ehitiste tehnilise korrashoiu tegevused, sh tehnohooldus ja heakorratööd). Enamasti ei vajata kinnisvara korrashoiu tagamiseks väga paljusid iseseisvaid tegevusi. Nimetatud teenused (haldamine, omanikukohustuste täitmine, tehnohooldus, heakorratööd) on minimaalne tegevuste kompleks, mille täitmine peab tagama ja säilitama ohutuse korrashoiuobjekti kasutamisel. Reeglina kuuluvad eelnimetatud teenused: — hankija funktsioonide hulka (näiteks kinnisvarakeskkonna juhtimise teenus, mida hankija võib ka teenusena sisse osta); või — pakkuja funktsioonide hulka (tehnohooldus ja heakorratööd). Kinnisvara omaniku otsustuspädevusse kuulub ka teenuste tagamiseks vajaliku haldusmudeli ja korraldusmeetodi valik (kas teostada ise või osta vastavad teenused sisse). Standardis eeldatakse, et kasutatakse sisse¬ostetud teenuseid. Muud standardis EVS 807:2016 nimetatud komplekstegevused on reeglina vahendatavad teenused, mille sisu ja maht ei pruugi olla väga universaalne ning mis sõltub paljuski korrashoiuobjekti eripärast ja selle kasutajate soovidest (näiteks remonttööd, arendamine, tarbimisteenused, tugiteenused). Seetõttu ei kuulu sellised korrashoiutegevused ka standardi käsitlusalasse. Avaliku sektori hangete korraldamist see standard ei käsitle. Selle standardi järgimine on vabatahtlik, kuni seda ei ole kohustuslikuks tehtud nt õigusaktiga või hanke osapoolte vahelise kokkuleppega.

Kehtima jätmise alus: EVS/TK 36 otsus 12.03.2025 2-8.2/67, teade pikendamisküsitlusest 17.03.2025 EVS Teatajas, küsitluse tagasiside koond 22.04.2025 2-5/12

TÜHISTAMISKÜSITLUS

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

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

EVS-EN 12436:2002

Adhesives for load-bearing timber structures - Casein adhesives - Classification and performance requirements

This standard specifies performance requirements and the appropriate test methods for casein adhesives for the manufacture of load-bearing wooden structures for use under indoor conditions in heated and ventilated buildings. This standard is not applicable to casein adhesives used for bonding woods with a density exceeding 750 kg/m3.

Keel: en
Alusdokumendid: EN 12436:2001
Tühistamisküsitluse lõppkuupäev: 31.05.2025

EVS-EN 13999-1:2013

Adhesives - Short term method for measuring the emission properties of low-solvent or solvent-free adhesives after application - Part 1: General procedure

This European Standard describes a conventional standard method for assessing potential emissions from adhesives after their application. This European Standard applies only to "solvent-free" and "low-solvent" adhesives as they are defined in EN 923:2005+A1:2008. The adhesives shall be applicable at room temperature.

Keel: en
Alusdokumendid: EN 13999-1:2013
Tühistamisküsitluse lõppkuupäev: 31.05.2025

EVS-EN 13999-2:2013

Adhesives - Short term method for measuring the emission properties of low-solvent or solvent-free adhesives after application - Part 2: Determination of volatile organic compounds

This European Standard specifies a method for the determination of single volatile organic compounds (VOC) and of the total amount of volatile organic compounds (TVOCEN 13999) in the exhaust air of an emission test chamber after application of a low-solvent or solvent-free adhesive as defined in EN 923:2005+A1:2008. The method is based on use of a solid sorbent with subsequent desorption and gas chromatographic analysis. The method is applicable to measurement of non-polar and slightly polar VOC.

Keel: en
Alusdokumendid: EN 13999-2:2013
Tühistamisküsitluse lõppkuupäev: 31.05.2025

EVS-EN 15876-2:2016

Electronic fee collection - Evaluation of on-board and roadside equipment for conformity to EN 15509 - Part 2: Abstract test suite

This European Standard specifies the abstract test suite (ATS) to evaluate the conformity of on-board equipment (OBE) and roadside equipment (RSE) to EN 15509 in accordance with the test suite structure and test purposes defined in EN 15876-1:2016. The objective of the present document is to provide a basis for conformance tests for DSRC equipment (OBE and RSE) to support interoperability between different equipment supplied by different manufacturers.

Keel: en
Alusdokumendid: EN 15876-2:2016
Tühistamisküsitluse lõppkuupäev: 31.05.2025

EVS-EN 1792:2003

Welding - Multilingual list of terms for welding and related processes

The following lists contain commonly used welding terms. New terms will be added on a regular basis

Keel: en
Alusdokumendid: EN 1792:2003
Tühistamisküsitluse lõppkuupäev: 31.05.2025

EVS-EN 29241-3:2000

Kuvaritega kontoritöö ergonoomianõuded. Osa 3: Kuvatava kujutise kvaliteedile esitatavad nõuded
Ergonomic requirements for office work with visual display terminals (VDTs) - Part 3: Visual display requirements

Standard kehtestab must-valgete ja värvikuvarite konstrueerimisel ja hindamisel rakendatavad kujutise kvaliteedi nõuded. Nõuded on esitatud töötamisomaduste tehniliste andmete kujul. Hinnangute alusel saadakse katsetusmeetodid ja vastavusmõõtmed. Standard kehtib kontoris kasutatavate elektrooniliste kuvarite ergonoomilise disaini kohta.

Keel: en
Alusdokumendid: EN 29241-3:1993
Tühistamisküsitluse lõppkuupäev: 31.05.2025

EVS-EN 29241-3:2000/A1:2001

Kuvaritega kontoritöö ergonoomianõuded. Osa 3: Kuvatava kujutise kvaliteedile esitatavad nõuded. MUUDATUS 1
Ergonomic requirements for office work with visual display terminals (VDTs) - Part 3: Visual display requirements - AMENDMENT 1

Standard kehtestab must-valgete ja värvikuvarite konstrueerimisel ja hindamisel rakendatavad kujutise kvaliteedi nõuded. Nõuded on esitatud töötamisomaduste tehniliste andmete kujul. Hinnangute alusel saadakse katsetusmeetodid ja vastavusmõõtmed. Standard kehtib kontoris kasutatavate elektrooniliste kuvarite ergonoomilise disaini kohta.

Keel: en
Alusdokumendid: ISO 9241-3:1993/Amd. 1:2000; EN 29241-3:1993/A1:2000
Tühistamisküsitluse lõppkuupäev: 31.05.2025

EVS-EN 4162:2016

Aerospace series - Screws 100° countersunk normal head, offset cruciform recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated - Classification: 1 100 MPa (at ambient temperature) / 235 °C

This European Standard specifies the characteristics of screws, 100° countersunk normal head, offset cruciform recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated. Classification: 1 100 MPa / 235 °C.

Keel: en
Alusdokumendid: EN 4162:2016
Tühistamisküsitluse lõppkuupäev: 31.05.2025

EVS-EN 4509:2006

space series - Screws, 100 countersunk normal head, offset cruciform recess, threaded to head, in titanium alloy, anodized, with aluminium pigmented coating, metric series - Classification: 1 100 MPa (at ambient temperature) / 315 °C

This standard specifies the characteristics of screws, 100° countersunk normal head, offset cruciform recess, threaded to head, in titanium alloy, anodized, with aluminium pigmented coating, metric series. Classification: 1 100 MPa 1) / 315 °C 2)

Keel: en
Alusdokumendid: EN 4509:2006
Tühistamisküsitluse lõppkuupäev: 31.05.2025

EVS-EN 50580:2012

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

This European Standard applies to spray guns for non-flammable materials.

Keel: en
Alusdokumendid: EN 50580:2012
Tühistamisküsitluse lõppkuupäev: 31.05.2025

EVS-EN 50580:2012/A1:2013

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

This European Standard applies to spray guns for non-flammable materials.

Keel: en
Alusdokumendid: EN 50580:2012/A1:2013
Tühistamisküsitluse lõppkuupäev: 31.05.2025

EVS-EN ISO 13406-1:2000

Ergonomic requirements for work with visual display based on flat panels - Part 1: Introduction

This part of ISO 13406 establishes the rationale for ergonomic requirements and measurements methods for the flat panel displays and defines flat panel display. This part of ISO 13406 is applicable to flat panel technology applied to displays for office work and other work.

Keel: en
Alusdokumendid: ISO 13406-1:1999; EN ISO 13406-1:1999
Tühistamisküsitluse lõppkuupäev: 31.05.2025

EVS-EN ISO 13406-2:2002

Ergonomic requirements for visual display units based on flat panels - Part 2: Requirements for flat panel displays

This standard establishes ergonomic image quality requirements for the design and evaluation of flat panel displays.

Keel: en
Alusdokumendid: ISO 13406-2:2001; EN ISO 13406-2:2001
Tühistamisküsitluse lõppkuupäev: 31.05.2025

EVS-EN ISO 15008:2017

Road vehicles - Ergonomic aspects of transport information and control systems - Specifications and test procedures for in-vehicle visual presentation (ISO 15008:2017)

ISO 15008:2017 specifies minimum requirements for the image quality and legibility of displays containing dynamic (changeable) visual information presented to the driver of a passenger car by on-board transport information and control systems (TICS) used while the vehicle is in motion. Heavy vehicles are excluded for the requirements of contrast and font size since these chapters reference ISO 4513 which is only applicable for passenger vehicles. These requirements are intended to be independent of display technologies. Reference to test methods and measurements for assessing compliance with them have been included where necessary. ISO 15008:2017 is applicable mainly to perceptual, and some basic cognitive, components of the visual information, including character legibility and colour recognition. It is not applicable to other factors affecting performance and comfort, such as coding, format and dialogue characteristics, or to displays using: - characters presented as a part of a symbol or pictorial information (e.g.CD symbol); - superimposed information on the external field (e.g. head-up displays); - pictorial images (e.g. rear view camera); - maps and topographic representations (e.g. those for setting navigation systems); or - quasi-static information (e.g. AM/PM, km/miles, kPa/PSI, On/Off information).

Keel: en
Alusdokumendid: ISO 15008:2017; EN ISO 15008:2017
Tühistamisküsitluse lõppkuupäev: 31.05.2025

EVS-EN ISO 9241-7:2000

Kuvaritega kontoritöö ergonoomianõuded. Osa 7: Nõuded valgust peegeldavatele kuvaritele Ergonomic requirements for office work with visual display terminals (VDTs) - Part 7: Requirements for display with reflections

Standard kehtestab kujutise kvaliteedinõuded kuvaritele, mida kasutatakse valgustatud töökeskkondades, mis võivad põhjustada valguse peegeldumise ekraanilt. Nõuded on sätestatud tööomaduste või konstruktsiooni kirjeldusena, lisatud on katsetusmeetodid. Standard kehtib selliste vahetult vaadatavate elektrooniliste kuvarite ergonoomilise konstruktsiooni kohta, mis on ette nähtud kontoriülesanneteks, sealhulgas andmesisestuseks, tekstitöötluseks ja interaktiivseks päringuks. Kontoriülesanded on need, mida tehakse siseruumides, otsese päikesevalguse eest varjatult. Need soovitused võivad sobida ka muudeks ülesanneteks, sealhulgas protsessijuhtimiseks, graafiliseks kujundamiseks ja arvutil projekteerimiseks, kuid kõnealuste soovituste sobivust ei ole nendest vajadustest lähtuvalt kindlaks tehtud. Standard kehtib must-valgete ja värvikuvarite kohta ning muude kuvarite kohta, millele standardi katsetusmeetod sobib.

Keel: en
Alusdokumendid: ISO 9241-7:1998; EN ISO 9241-7:1998
Tühistamisküsitluse lõppkuupäev: 31.05.2025

EVS-EN ISO 9241-8:2000

Kuvaritega kontoritöö ergonoomianõuded. Osa 8: Nõuded kuvatavatele värvustele Ergonomic requirements for office work with visual display terminals (VDTs) - Part 8: Requirements for displayed colours

Standard kirjeldab teksti, graafiliste jooniste ning kujutiste üksikpunktidest koosnevatele värvustele kohaldatavaid minimaalseid ergonoomianõudeid ja -soovitusi. Standardis toodud tehnilised andmed ei käsitle fotosarnaseid kujutisi ega graafikat. Standard kehtib nii kuvarite riistvara kui ka tarkvara kohta, sest need mõlemad juhivad ekraanil kuvatava värvuse esitust ja kvalitatiivseid omadusi.

Keel: en
Alusdokumendid: ISO 9241-8:1997; EN ISO 9241-8:1997
Tühistamisküsitluse lõppkuupäev: 31.05.2025

TEADE EUROOPA STANDARDI OLEMASOLUST

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

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EN 60204-1:2018/A1:2025

Masinate ohutus. Masinate elektriseadmed. Osa 1: Üldnõuded
Safety of machinery - Electrical equipment of machines - Part 1: General requirements

Eeldatav avaldamise aeg Eesti standardina 11.2025

EN ISO 17635:2025

Keevisõmbluste mittepurustav katsetamine. Üldjuhised metalsete materjalide kohta
Non-destructive testing of welds - General rules for metallic materials (ISO 17635:2025)

Eeldatav avaldamise aeg Eesti standardina 06.2025

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

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EVS-ISO 59010:2025

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

See dokument annab juhiseid organisatsioonile, kes soovib üle minna ringsetele väärtusloome mudelitele ja väärtusvõrgustikele. Dokument on rakendatav igale organisatsioonile, olenemata suurusest, sektorist või piirkonnast.