

EVS

TEATAJA

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Uued Eesti standardid

Standardikavandite **arvamusküsitlus**

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite **tõlked kommenteerimisel**

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

SISUKORD

ASUTATUD JA TEGEVUSE LÕPETANUD KOMITEED	3
UUED STANDARDID JA STANDARDILAADSED DOKUMENDID	4
ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID.....	36
STANDARDIKAVANDITE ARVAMUSKÜSITLUS.....	56
TÕLKED KOMMENTEERIMISEL	76
STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE ÜLEVAATUS	79
TÜHISTAMISKÜSITLUS	80
UUED EESTIKEELSE STANDARDID JA STANDARDILAADSED DOKUMENDID	81
STANDARDIPEALKIRJADE MUUTMINE	83

ASUTATUD JA TEGEVUSE LÕPETANUD KOMITEED

EVS/TK 83 "Ringmajandus" asutamine

Komitee tähis: EVS/TK 83

Komitee nimi: Ringmajandus

Komitee asutamise kuupäev: 20.10.2023

Komitee käsitusala: Käsitleb ringmajanduse valdkonna standardimist, et töötada välja raamistikud, juhised, tugivahendid ja nõuded kõigi kaasatud organisatsioonide tegevuste elluviimiseks, et maksimeerida panust kestlikkusse arengusse. Komitee eesmärk on toetada ja mõõta üleminekut ringmajandusele. Komitee tulemite eesmärk on ühtlustada rahvusvahelist, Euroopa ja Eesti standardimist, aidates samal ajal kaasa jätkusuutlikule rohemajandusele..

Komitee esimees: Mayri Tiido

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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 13232-1:2023

Railway applications - Track - Switches and crossings for Vignole rails - Part 1: Definitions

This European Standard provides an accepted "terminology" for switch and crossing work. With the assistance of diagrams, the various components are given definitions, and these specific names are regarded as obligatory. The definitions cover the constituent parts and design geometry of switch and crossing work, and include the movement of switches. Additional terminology of a more specific nature will be defined in the relevant part of the series. The present definitions set out the terms most generally used for the geometrical form and the construction of switches and crossings, omitting those of too special a nature.

Keel: en

Alusdokumendid: EN 13232-1:2023

Asendab dokumenti: EVS-EN 13232-1:2003

EVS-EN 16905-1:2023

Gas-fired endothermic engine driven heat pumps - Part 1: Terms and definitions

1.1 Scope of the EN 16905 series This part of EN 16905 specifies the terms and definitions for the rating and performance calculation of gas-fired endothermic engine driven heat pumps for heating and/or cooling mode including the engine heat recovery, to be used outdoor. This European Standard specifies the terms and definitions. This European Standard is to be used in conjunction with the following standards: a) FprEN 16905-2:2022 on safety; b) EN 16905-3:2017 on test conditions; c) prEN 16905-4:2022 on the requirements, test conditions and test methods; d) FprEN 16905-5:2022 on the calculation of seasonal performances in heating and cooling mode; e) the heat pump standards, EN 14511-2, EN 14511-3 and EN 14825. This European Standard only applies to appliances with a maximum heat input (based on net calorific value) not exceeding 70 kW at standard rating conditions. This European Standard only applies to appliances under categories I2H, I2E, I2Er, I2R, I2E(S)B, I2L, I2LL, I2ELL, I2E(R)B, I2ESi, I2E(R), I3P, I3B, I3B/P, I12H3+, I12Er3+, I12H3B/P, I12L3B/P, I12E3B/P, I12ELL3B/P, I12L3P, I12H3P, I12E3P and I12Er3P according to EN 437. This European Standard only applies to appliances having: f) gas fired endothermic engines under the control of fully automatic control systems; g) closed system refrigerant circuits in which the refrigerant does not come into direct contact with the fluid to be cooled or heated; h) where the temperature of the heat transfer fluid of the heating system (heating water circuit) does not exceed 105 °C during normal operation; i) where the maximum operating pressure in the: 1) heating water circuit (if installed) does not exceed 6 bar 2) domestic hot water circuit (if installed) does not exceed 10 bar. This European Standard applies to GEHP appliances only when used for space heating or space cooling or for refrigeration, with or without heat recovery. This European Standard is applicable to GEHP appliances that are intended to be type tested. Requirements for GEHP appliances that are not type tested would need to be subject to further consideration.

Keel: en

Alusdokumendid: EN 16905-1:2023

Asendab dokumenti: EVS-EN 16905-1:2017

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

EVS-EN 17483-2:2023

Private security services - Protection of Critical Infrastructure - Part 2: Airport and aviation security services

This document includes the sector specific requirements for the provision of private security services for airport and civil aviation security that are additional to the requirements of EN 17483-1:2021. NOTE It is important that the selection of a private security service provider always represent the best balance between quality and price. This document sets out the minimum requirements that providers should comply with in order for this balance to be struck. It specifies service requirements for quality in organization, processes, personnel and management of a security service provider and/or its independent branches and establishments under commercial law and trade as a provider with regard to airport and aviation security services. It lays down quality criteria for the delivery of airport and aviation security services requested by public and private clients. This document is suitable for the selection, attribution, awarding and reviewing of the most suitable provider of airport and aviation security services [1].

Keel: en

Alusdokumendid: EN 17483-2:2023

Asendab dokumenti: EVS-EN 16082:2011

EVS-EN 17483-3:2023

Private security services - Protection of Critical Infrastructure - Part 3: Maritime and port security services

This document includes the sector specific requirements for the provision of private security services for maritime and port security that are additional to the requirements of EN 17483-1:2021. NOTE 1 This document is the third part of a series of standards on the provision of private security services for critical infrastructure. NOTE 2 See Figure 2. NOTE 3 It is important that the selection of a private security service provider always represent the best balance between quality and price. This document sets out the minimum requirements that providers should comply with in order for this balance to be struck. It specifies service requirements for quality in organization, processes, personnel and management of a security service provider and/or its independent branches and establishments under commercial law and trade as a provider with regard to maritime and port security services. It lays down

quality criteria for the delivery of maritime and port security services requested by public and private clients. This document is suitable for the selection, attribution, awarding and reviewing of the most suitable provider of maritime and port security services.

Keel: en

Alusdokumendid: EN 17483-3:2023

Asendab dokumenti: EVS-EN 16747:2015

EVS-EN 17531:2021+A1:2023

Reporting in support of supervision of online gambling services by the gambling regulatory authorities of the Member States

The development of a European standard(s) on reporting by online gambling service operators and suppliers to the gambling regulatory authorities in the Member States for the purpose of supervision of online gambling services will specify the core data for reporting purposes, while ensuring integrity and security of the data as well as personal data protection. The requested European standard(s) will provide a voluntary tool to the gambling regulatory authorities in the Member States without prejudice to the scope of competence of Member States in the regulation of online gambling and without imposing any obligation on them to introduce reporting requirements or to authorize or deny authorization to any operators or suppliers

Keel: en

Alusdokumendid: EN 17531:2021+A1:2023

Asendab dokumenti: EVS-EN 17531:2021

EVS-EN 17740:2023

Requirements for professional profiles related to personal data processing and protection

The standard defines the requirements related to the professional activity of subjects active in the processing and protection of personal data, namely the intellectual profession that is pursued at different levels of complexity and in different organizational contexts, both public and private. These requirements are specified, starting from the specific tasks and activities identified, in terms of knowledge, skills and competence, in accordance with the European Qualifications Framework - EQF and are expressed in such a way as to facilitate and contribute to harmonize, as far as possible, evaluation and validation processes of learning outcomes.

Keel: en

Alusdokumendid: EN 17740:2023

EVS-EN 17799:2023

Personal data protection requirements for processing operations

This document specifies baseline requirements for demonstrating processing activities compliance with the European personal data protection normative framework in accordance with EN ISO/IEC 17065. It does not however apply to products or management systems destined for processing personal data. This document is applicable to all organizations which, as personal data controllers and/or processors, process personal data, and its objective is to provide a set of requirements enabling such organizations to conform effectively with the European personal data protection normative framework. An organization can decide that the standard is applicable only to a specific subset of its processing activities if such a decision does not involve failure to conform with the European personal data protection normative framework. This document also provides indications for conformity assessment with the aforementioned requirements.

Keel: en

Alusdokumendid: EN 17799:2023

EVS-EN 4709-002:2023

Lennunduse ja kosmonautika seeria. Mehitamata õhusõiduki süsteem. Osa 002: Kaugtuvastus Aerospace series - Unmanned Aircraft Systems - Part 002: Direct Remote identification

This document provides means of compliance with the "Direct Remote Identification" requirements set in Regulation (EU) 2019/945 on Unmanned Aircraft Systems. "Direct remote identification" means a system that ensures the local broadcast of information about a UA in operation. More specifically, this document addresses drone's capability to be identified during the whole duration of the flight, in real time and with no specific connectivity or ground infrastructure link, by existing mobile devices when within the broadcasting range. Such functionality, based on an open and documented transmission protocol (described in this document) contributes to address security threats and to support drones' operators' obligations with respect to citizens' fundamental rights to privacy and protection of personal data. It can be used by law enforcement people, critical infrastructure managers, and public to get an instantaneous information on the drone flying around, providing various information such as UA serial number, UA navigation data and operational status, UAS Operator registration number and position as defined in the Delegated Regulation (EU) 2019/945. Since Regulation (EU) 2019/945 requires DRI information to be broadcasted using an "open and documented protocol", this document does not define technological measures to protect the confidentiality and integrity of the data broadcasted.

Keel: en

Alusdokumendid: EN 4709-002:2023

EVS-EN ISO 24806:2023

Recreational diving services - Requirements for rebreather diver training - Decompression diving to 60 m (ISO 24806:2023)

This document specifies requirements for rebreather diver training programmes which provide the competencies required to perform dives to 60 m with a rebreather, using a breathing mixture containing helium and requiring mandatory decompression

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

Keel: en

Alusdokumendid: ISO 24806:2023; EN ISO 24806:2023

07 LOODUS- JA RAKENDUSTEADUSED

CEN/TR 17993:2023

Calibration and accuracy of non-catching precipitation measurement instruments

Non-catching type gauges are the emerging class of in situ precipitation measurement instruments. For these instruments, rigorous testing and calibration are more challenging than for traditional gauges. Hydrometeors' characteristics like particle size, shape, fall velocity and density need to be reproduced in a controlled environment to provide the reference precipitation, instead of the equivalent water flow used for catching-type gauges. They are generally calibrated by the manufacturers using internal procedures developed for the specific technology employed. No agreed methodology exists, and the adopted procedures are rarely traceable to internationally recognized standards. This document describes calibration and accuracy issues of non-catching instruments used for liquid/solid atmospheric precipitation measurement. An overview of the existing models of non-catching type instruments is included, together with an overview and a description of their working principles and the adopted calibration procedures. The literature and technical manuals disclosed by manufacturers are summarized and discussed, while current limitations and metrological requirements are identified.

Keel: en

Alusdokumendid: CEN/TR 17993:2023

11 TERVISEHOOLDUS

EVS-EN ISO 11607-1:2020/A1:2023

Lõplikult steriliseeritud meditsiiniseadme pakendamine. Osa 1: Nõuded materjalile, steriilsele barjäärile ja pakendusele

Packaging for terminally sterilized medical devices - Part 1: Requirements for materials, sterile barrier systems and packaging systems - Amendment 1: Application of risk management (ISO 11607-1:2019/Amd 1:2023)

Amendment to EN ISO 11607-1:2020

Keel: en

Alusdokumendid: EN ISO 11607-1:2020/A1:2023; ISO 11607-1:2019/Amd 1:2023

Muudab dokumenti: EVS-EN ISO 11607-1:2020

Muudab dokumenti: EVS-EN ISO 11607-1:2020+A11:2022

EVS-EN ISO 11607-2:2020/A1:2023

Lõplikult steriliseeritud meditsiiniseadme pakendamine. Osa 2: Valideerimisnõuded vormimis-, hermetiseerimis- ja koosteprotsessile

Packaging for terminally sterilized medical devices - Part 2: Validation requirements for forming, sealing and assembly processes - Amendment 1 (ISO 11607-2:2019/Amd 1:2023)

Amendment to EN ISO 11607-2:2020

Keel: en

Alusdokumendid: EN ISO 11607-2:2020/A1:2023; ISO 11607-2:2019/Amd 1:2023

Muudab dokumenti: EVS-EN ISO 11607-2:2020

Muudab dokumenti: EVS-EN ISO 11607-2:2020+A11:2022

EVS-EN ISO 4865-1:2023

Dentistry - General requirements of hand instruments - Part 1: Non-hinged hand instruments (ISO 4865-1:2023)

This document specifies requirements and test methods common to all non-hinged metallic dental hand instruments including materials, hardness, surface finish, resistance to reprocessing and information for marking. It does not specify terms and definitions or classification of specific types of hand instruments. This document excludes powered instruments.

Keel: en

Alusdokumendid: ISO 4865-1:2023; EN ISO 4865-1:2023

EVS 933:2022/A1:2023

Juhised kantavate tulekustutite kontrolliks ja hoolduseks ning nõuded hoolduspunktidele Inspection and maintenance instructions for portable fire extinguishers and requirements for service points

Standardi EVS 933:2022 muudatus.

Keel: et

Muudab dokumenti: EVS 933:2022

EVS 933:2022+A1:2023

Juhised kantavate tulekustutite kontrolliks ja hoolduseks ning nõuded hoolduspunktidele Inspection and maintenance instructions for portable fire extinguishers and requirements for service points

Selles Eesti standardis antakse juhised kantava tulekustuti (edaspidi tulekustuti) kontrollimiseks, hooldamiseks, laadimiseks ja survekatsete tegemiseks ning tulekustuti hoolduspunkti tehnilise varustatuse ja teenuse kvaliteedi ühtlustamiseks.

Keel: et

Konsolideerib dokumenti: EVS 933:2022

Konsolideerib dokumenti: EVS 933:2022/A1:2023

EVS-EN 14944-1:2023

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

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

Keel: en

Alusdokumendid: EN 14944-1:2023

Asendab dokumenti: EVS-EN 14944-1:2006

EVS-EN 17483-2:2023

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Keel: en

Alusdokumendid: EN 17483-2:2023

Asendab dokumenti: EVS-EN 16082:2011

EVS-EN 17483-3:2023

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Keel: en

Alusdokumendid: EN 17483-3:2023

Asendab dokumenti: EVS-EN 16747:2015

EVS-EN 17505:2023

Soil and waste characterization - Temperature dependent differentiation of total carbon (TOC400, ROC, TIC900)

This European standard specifies a method for the differentiated determination of the organic carbon content (TOC400) which is released at temperatures up to 400 °C, the residual oxidizable carbon (ROC) (including e.g. lignite (brown coal), hard coal, charcoal, black carbon, soot) and the inorganic carbon (TIC900) which is released at temperatures up to 900 °C. The basis is the dry combustion to CO₂ in the presence of oxygen using temperatures ranging from 150°C to 900 °C in dry solid samples of soil, soil with anthropogenic admixtures and solid waste (see Table 1) with carbon contents of more than 1 g per kg (0,1 % C) (per carbon type in the test portion).

Keel: en

Alusdokumendid: EN 17505:2023

EVS-EN 45545-2:2020+A1:2023

Raudteealased rakendused. Raudteeveeremi tuleohutus. Osa 2: Nõuded materjalide ja komponentide käitumisele

Railway applications - Fire protection on railway vehicles - Part 2: Requirements for fire behaviour of materials and components

This part of EN 45545 specifies the reaction to fire performance requirements for materials and products used on railway vehicles as defined in EN 45545-1. The operation and design categories defined in EN 45545-1 are used to establish hazard levels that are used as the basis of a classification system. For each hazard level, this part specifies the test methods, test conditions and reaction to fire performance requirements. It is not within the scope of this European Standard to describe measures that ensure the preservation of the vehicles in the event of a fire.

Keel: en

Alusdokumendid: EN 45545-2:2020+A1:2023

Asendab dokumenti: EVS-EN 45545-2:2020

EVS-EN 50194-1:2023

Electrical apparatus for the detection of flammable gases in household premises - Part 1: Test methods and performance requirements

This document specifies general requirements for the construction, testing and performance of electrically operated apparatus for the detection of flammable gases, designed for continuous operation in a fixed installation in household premises. The apparatus can be mains or battery powered. Additional requirements for apparatus to be used in recreational vehicles and similar premises are specified in EN 50194-2. NOTE For caravan holiday homes EN 50194-1 applies. This document specifies four types of apparatus to warn and/or alarm in the event of an escape of town gas, natural gas or liquefied petroleum gas (LPG), Hydrogen and flammable refrigerant gases: — Type A apparatus – provides a visual and audible alarm and an executive action in the form of an output signal that can actuate directly or indirectly a shut-off device and/or other ancillary device in the event of an escape of town gas, natural gas (LNG) liquefied petroleum gas (LPG) and Hydrogen gases; — Type B apparatus – same as Type A but provides a visual and audible alarm only; — Type C apparatus – provides a visual and audible alarm and an executive action in the form of an output signal that can actuate directly or indirectly a shut-off device and/or other ancillary device in the event of an escape of flammable refrigerant gas A2L, A2 or A3 as classified in other International Standards, e.g. ISO 817; — Type D apparatus – intended to be installed where there can be a source of danger to the public, designed for continuous operation in fixed installations in non-classified explosive atmosphere premises (where the requirements for electrical Ex-safety are not requested). Intended for any flammable gases. Typically Type D apparatus are available with analogue or digital output, designed as detection system. These systems are regularly maintained by competent persons and/or have a protection of IP44 or higher. For type D apparatus, EN 60079-29-1 is applied. See Annex C for further clarification on the apparatus types and their application. NOTE Apparatus complying with this document is not considered suitable for installation in potentially explosive atmospheres, in which case the EN 60079 series applies. NOTE Apparatus complying with EN 60079-29-1 will not necessarily comply with this document. This document does not apply to any of the following: — apparatus intended for the detection of dusts or mists in air; — scientific or laboratory-based apparatus used only for analysis or measurement; — apparatus used exclusively for process measurement purposes; — apparatus for medical purposes; — apparatus used for breath alcohol measurement; — apparatus intended for the direct measurement of automotive exhaust gases; — apparatus intended for use in industrial environments.

Keel: en

Alusdokumendid: EN 50194-1:2023

Asendab dokumenti: EVS-EN 50194-1:2009

EVS-EN IEC 60335-2-14:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-14: Erinõuded köögimasinatele Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines

This International Standard deals with the safety of electric kitchen machines for household and similar purposes, their rated voltage being not more than 250 V. NOTE 101 Examples of appliances that are within the scope of this standard are: bean slicers; berry-juice extractors; blenders; can openers; centrifugal juicers; churns; citrus-fruit squeezers; coffee mills not exceeding 500 g hopper capacity; cream whippers; egg beaters; food mixers; food processors; grain grinders not exceeding 3 l hopper capacity; graters; ice-cream machines, including those for use in refrigerators and freezers; knife sharpeners; knives; mincers; noodle makers; potato peelers; shredders; sieving machines; slicing machines.

Keel: en

Alusdokumendid: EN IEC 60335-2-14:2023; IEC 60335-2-14:2016

Asendab dokumenti: EVS-EN 60335-2-14:2006
Asendab dokumenti: EVS-EN 60335-2-14:2006/A1:2008
Asendab dokumenti: EVS-EN 60335-2-14:2006/A11:2012
Asendab dokumenti: EVS-EN 60335-2-14:2006/A11:2012/AC:2016
Asendab dokumenti: EVS-EN 60335-2-14:2006/A12:2016

EVS-EN IEC 61800-5-1:2023

Reguleeritava kiirusega elektriajamisüsteemid. Osa 5-1: Ohutusnõuded. Elektrilised, soojuslikud ja energeetilised nõuded

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

IEC 61800-5-1:2022 specifies requirements for adjustable speed electrical power drive systems (PDS) or their elements, with respect to electrical, thermal, fire, mechanical, energy and other relevant hazards. It does not cover the driven equipment except for interface requirements. It applies to adjustable speed electrical PDS which include the power conversion, basic drive module (BDM)/complete drive module (CDM) control, and a motor or motors. Excluded are traction and electric vehicle BDM/CDM. It applies to low-voltage adjustable speed electrical PDS intended to feed a motor or motors from a BDM/CDM connected to phase-to-phase voltages of up to and including 1,0 kV AC (50 Hz or 60 Hz) and up to and including 1,5 kV DC. It also applies to high-voltage adjustable speed electrical PDS intended to feed a motor or motors from a BDM/CDM connected to phase-to-phase voltages of up to and including 35 kV AC (50 Hz or 60 Hz) and up to and including 52 kV DC. This document also applies to PDS which intentionally emits or receives radio waves for the purpose of radio communication. This edition includes the following significant technical changes with respect to the previous edition: a) harmonization with IEC 62477-1:2022; b) harmonization with UL 61800-5-1 and CSA C22.2 No. 274, including an annex with a list of national deviation which was considered not possible to harmonize within a reasonable timeframe; c) more detailed information about the evaluation of components according to this document and relevant safety component standards; d) updated requirement for mechanical hazards including multiple IP ratings.

Keel: en

Alusdokumendid: IEC 61800-5-1:2022; EN IEC 61800-5-1:2023; IEC 61800-5-1:2022/Corr1:2023

Asendab dokumenti: EVS-EN 61800-5-1:2007

Asendab dokumenti: EVS-EN 61800-5-1:2007/A1:2017

Asendab dokumenti: EVS-EN 61800-5-1:2007/A11:2021

Asendab dokumenti: EVS-EN 61800-5-1:2007+A1+A11:2021

EVS-EN IEC 61800-5-3:2023

Reguleeritava kiirusega elektriajamisüsteemid. Osa 5-3: Ohutusnõuded. Liikumisanduritele esitatavad funktsionaalsed, elektrilised ja keskkonnaalased nõuded

Adjustable speed electrical power drive systems - Part 5-3: Safety requirements - Functional, electrical and environmental requirements for encoders

IEC 61800-5-3:2021, which is a product standard, specifies requirements and makes recommendations for the design and development, integration and validation of safety-related encoder (Encoder(SR)) in terms of their functional safety considerations, electrical safety and environmental conditions. It applies to Encoder(SR), being sensors as part of a PDS(SR). This document can also be referred to and used for Encoder(SR) in any other safety-related application, for example safety-related position monitoring. This document is applicable where functional safety of an encoder is claimed and the Encoder(SR) is operating mainly in the high demand or continuous mode. The requirements of IEC 61800-5-2:2016 for PDS(SR) apply to Encoder(SR) as applicable. This document includes additional or different requirements for Encoder(SR). It sets out safety-related considerations of Encoder(SR) in terms of the framework of IEC 61508 (all parts), and introduces requirements for Encoder(SR) as subsystems of a safety-related system. It is intended to facilitate the realisation of the electrical/electronic/programmable electronic (E/E/PE) and mechanical parts of an Encoder(SR) in relation to the safety performance of safety sub-function(s) of an Encoder(SR).

Keel: en

Alusdokumendid: IEC 61800-5-3:2021; EN IEC 61800-5-3:2023

EVS-EN ISO 14644-18:2023

Cleanrooms and associated controlled environments - Part 18: Assessment of suitability of consumables (ISO 14644-18:2023)

This document gives guidance for assessing personal and non-personal consumables for their appropriate use in cleanrooms, clean zones or controlled zones, based on product and process requirements, cleanliness attributes and functional performance properties. The cleanliness attributes addressed are particles or chemicals in air or on surfaces. Biocontamination (viable particles, microorganisms or pyrogens) is considered as a special property of consumables. Identification of associated risks are considered. This document complements cleanroom operation as outlined in ISO 14644-5. This document gives guidance concerning: — determination of cleanroom suitability of consumables in general; — specification of requirements for an intended use of a consumable by the customer with respect to functional performance, cleanliness attributes and special properties; — specification of properties for a designed use of a consumable by supplier; — assessment of a consumable for an appropriate use; — documentation. Informative annexes are used to list examples for personal and non-personal consumables, verification methods for cleanliness attributes testing and the potential impact of consumables on a cleanroom. Cleaning agents, disinfectants and lubricants are considered as consumables with respect to their packaging, as their packaging is likely to have cleanliness requirements in common with all consumables. This document does not apply to: — design details of consumables; — testing of functional performance of materials, e.g. barrier properties of gloves, wear and slip resistance of flooring; — health and safety requirements; legal requirements can apply in specific countries; — cleanliness; — (raw) materials which are added within the production process as ingredients; — performance or function testing; — transport containers; — process media such as gases or liquids; — the functional performance of cleaning agents, disinfectants and lubricants.

Keel: en

EVS-EN ISO 17294-2:2023

Vee kvaliteet. Induktiivsidestatud plasma massispektromeetria (ICP-MS) rakendamine. Osa 2: Valitud elementide, kaasa arvatud uraani isotoopide määramine

Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 2: Determination of selected elements including uranium isotopes (ISO 17294-2:2023)

See dokument täpsustab meetodi järgmiste elementide vees (nt joogivesi, pinnavesi, põhjavesi, heitvesi ja eluaadid) määramiseks: alumiinium, antimon, arseen, baarium, berüllium, vismut, boor, kaadmium, tseesium, kaltsium, tseerium, kroom, koobalt, vask, düsproosium, erbium, gadoliinium, gallium, germaanium, kuld, hafnium, holmium, indium, iriidium, raud, lantaan, plii, liitium, luteetsium, magneesium, mangaan, elavhõbe, molübdeen, neodüüm, nikkel, pallaadium, fosfor, plaatina, kaalium, praseodüüm, rubiidium, reenium, roodium, ruteenium, samaarium, skandium, seleen, hõbe, naatrium, strontsium, terbium, telluur, toorium, tallium, tuulium, tina, titaan, volfram, uraan ja selle isotoobid, vanaadium, ütrium, üterbium, tsink ja tsirkoonium. Võttes arvesse spetsiifilisi ja täiendavalt esinevaid segavaid mõjusid, saab neid elemente määrata vees ning vee ja rooveesetete mineraliseerimisel (nt vee mineraliseerimisel, nagu on kirjeldatud standardis ISO 15587-1 või ISO 15587-2). Tööpiirkond sõltub maatriksist ja segavatest mõjudest. Joogivese ja suhteliselt saastamata vetes jääb enamiku elementide määramispiir (LOQ) 0,002 µg/l ja 1,0 µg/l vahele (vt tabel 1). Tööpiirkond hõlmab tavaliselt kontsentratsioone vahemikus mitu ng/l kuni mg/l, olenevalt elementidest ja täpsustatud nõuetest. Enamiku elementide määramispiire mõjutab nullproovi saastumine ja need sõltuvad peamiselt labori õhukäitlussüsteemidest, mis mõjutavad reaktiivide ja klaasnõude puhtust. Alumine määramispiir on kõrgem juhtudel, kus määramist mõjutavad segavad mõjud (vt peatükk 5) või mälu efektid (vt ISO 17294-1). Selle dokumendi alusel saab määrata ka muid elemente, mida ei mainita käsituslasal, eeldusel, et dokumendi kasutaja suudab meetodi asjakohaselt valideerida (nt segavad mõjud, tundlikkus, korduvus, saagis).

Keel: en, et

Alusdokumendid: ISO 17294-2:2023; EN ISO 17294-2:2023

Asendab dokumenti: EVS-EN ISO 17294-2:2016

EVS-ISO 17289:2023

Vee kvaliteet. Lahustunud hapniku sisalduse määramine. Optilise sensori meetod

Water quality -- Determination of dissolved oxygen -- Optical sensor method (ISO 17289:2014, identical)

See rahvusvaheline standard kirjeldab optilist meetodit vees lahustunud hapniku määramiseks, kasutades fluorestsentsi kustumise põhimõttel töötavat andurit. Mõõta võib kas hapniku kontsentratsiooni milligrammides liitri kohta või protsentuaalset küllastusastet (% lahustunud hapnik) või mõlemat. Olenevalt kasutatavast seadmest on võimalik saavutada avastamispiirid 0,1 mg/l või 0,2 mg/l tootja juhendi kohaselt. Enamik seadmeid võimaldavad mõõta väärtusi, mis on suuremad kui 100 %, st üleküllastust. MÄRKUS Üleküllastus on võimalik, kui hapniku osarõhk on suurem kui õhus. Eriti just tugeva vetikakasvu korral on võimalik üleküllastus kuni 200 % ja rohkemgi. Kui mõõdetakse vett, mille küllastusaste on suurem kui 100 %, on oluline võtta kasutusele meetmed, vältimaks proovist hapniku eraldumist proovi käitlemise ja mõõtmise ajal. Samamoodi on oluline vältida hapniku transporti proovi, kui küllastusaste on alla 100 %. Meetod sobib nii välitingimustes tehtavateks mõõtmisteks ja lahustunud hapniku pidevaks jälgimiseks kui ka laboris tehtavateks mõõtmisteks. See on üks eelistatumaid meetodeid kõrge värvuse ja hägususega vete puhul ja samuti Winkleri tiitrimismeetodi jaoks mittesobivate vete analüüsimiseks, milles sisalduvad rauda ja joodi fikseerivad ained, mis võivad häirida standardis ISO 5813 määratletud jodomeetrilist meetodit. Meetod sobib joogiveele, looduslikule veele, heitveele ja soolasele veele. Kui seda kasutatakse soolase vee, näiteks merevee või estuaari vee puhul, on hapniku kontsentratsiooni mõõtmiseks oluline sooluse korrigeerimine.

Keel: en, et

Alusdokumendid: ISO 17289:2014

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

CEN/TR 17993:2023

Calibration and accuracy of non-catching precipitation measurement instruments

Non-catching type gauges are the emerging class of in situ precipitation measurement instruments. For these instruments, rigorous testing and calibration are more challenging than for traditional gauges. Hydrometeors' characteristics like particle size, shape, fall velocity and density need to be reproduced in a controlled environment to provide the reference precipitation, instead of the equivalent water flow used for catching-type gauges. They are generally calibrated by the manufacturers using internal procedures developed for the specific technology employed. No agreed methodology exists, and the adopted procedures are rarely traceable to internationally recognized standards. This document describes calibration and accuracy issues of non-catching instruments used for liquid/solid atmospheric precipitation measurement. An overview of the existing models of non-catching type instruments is included, together with an overview and a description of their working principles and the adopted calibration procedures. The literature and technical manuals disclosed by manufacturers are summarized and discussed, while current limitations and metrological requirements are identified.

Keel: en

Alusdokumendid: CEN/TR 17993:2023

EVS-EN 13523-23:2023

Coil coated metals - Test methods - Part 23: Resistance to humid atmospheres containing sulfur dioxide

This document describes the procedure for determining the resistance of an organic coating on a metallic substrate to humid atmospheres containing sulfur dioxide.

Keel: en

Alusdokumendid: EN 13523-23:2023

Asendab dokumenti: EVS-EN 13523-23:2015

EVS-EN 60704-2-4:2012/A12:2023

Kodumajapidamises ja sarnastes oludes kasutatavad elektriseadmed. Katsenormid õhumüra määramiseks. Osa 2-4: Erinõuded pesumasinatele ja tsentrifuugidele

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-4: Particular requirements for washing machines and spin extractors

Amendment to EN 60704-2-4:2012

Keel: en

Alusdokumendid: EN 60704-2-4:2012/A12:2023

Muudab dokumenti: EVS-EN 60704-2-4:2012

EVS-EN IEC 60404-8-1:2023

Magnetic materials - Part 8-1: Specifications for individual materials - Permanent magnet (magnetically hard) materials

IEC 60404-8-1:2023 specifies minimum values for the principal magnetic properties of, and dimensional tolerances for, technically important permanent magnet (magnetically hard) materials. For information purposes only, this document provides values for the densities of the materials and the ranges of their chemical compositions. This fourth edition includes the following significant technical changes with respect to the previous edition: a) recently developed anisotropic REFeB hot deformed magnets and anisotropic HDDR REFeB bonded magnets are included; b) high energy Ca-La-Co ferrites stabilized by La and Co substitution are included; c) new and high-performance grades of REFeB and RE₂Co₁₇ sintered magnets and isotropic REFeN bonded magnets are added.

Keel: en

Alusdokumendid: IEC 60404-8-1:2023; EN IEC 60404-8-1:2023

Asendab dokumenti: EVS-EN 60404-8-1:2015

EVS-EN IEC 60704-2-16:2019/A12:2023

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-16: Particular requirements for washer-dryers

Amendment to EN IEC 60704-2-16:2019

Keel: en

Alusdokumendid: EN IEC 60704-2-16:2019/A12:2023

Muudab dokumenti: EVS-EN IEC 60704-2-16:2019

EVS-EN ISO 10534-2:2023

Acoustics - Determination of acoustic properties in impedance tubes - Part 2: Two-microphone technique for normal sound absorption coefficient and normal surface impedance (ISO 10534-2:2023)

This test method covers the use of an impedance tube, two microphone locations and a frequency analysis system for the determination of the sound absorption coefficient of sound absorbing materials for normal incidence sound incidence. It can also be applied for the determination of the acoustical surface impedance or surface admittance of sound absorbing materials. As an extension, it can also be used to assess intrinsic properties of homogeneous acoustical materials such as their characteristic impedance, characteristic wavenumber, dynamic mass density and dynamic bulk modulus. The test method is similar to the test method specified in ISO 10534-1 in that it uses an impedance tube with a sound source connected to one end and the test sample mounted in the tube at the other end. However, the measurement technique is different. In this test method, plane waves are generated in a tube by a sound source, and the decomposition of the interference field is achieved by the measurement of acoustic pressures at two fixed locations using wall-mounted microphones or an in-tube traversing microphone, and subsequent calculation of the complex acoustic transfer function and quantities reported in the previous paragraph. The test method is intended to provide an alternative, and generally much faster, measurement technique than that of ISO 10534-1. Normal incidence absorption coefficients coming from impedance tube measurements are not comparable with random incidence absorption coefficients measured in reverberation rooms according to ISO 354. The reverberation room method will (under ideal conditions) determine the sound absorption coefficient for diffuse sound incidence. However, the reverberation room method requires test specimens which are rather large. The impedance tube method is limited to studies at normal and plane incidence and requires samples of the test object which are of the same size as the cross-section of the impedance tube. For materials that are locally reacting only, diffuse incidence sound absorption coefficients can be estimated from measurement results obtained by the impedance tube method (see Annex E).

Keel: en

Alusdokumendid: ISO 10534-2:2023; EN ISO 10534-2:2023

Asendab dokumenti: EVS-EN ISO 10534-2:2002

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

CEN/TS 15427-1-2:2023

Railway applications - Wheel/rail friction management - Part 1-2: Equipment and application - Top of rail

This document is limited to specifying the requirements when applying material to the active interface between the wheel tread and the crown of the rail and includes trainborne and track side equipment. This document only covers the equipment and application of material to the active interface. This document specifies: - the characteristics of top of rail equipment for wheel-rail interface, together with applicable inspection and test methods to be carried out for verification; - all relevant terminology which is specific to the application of top of rail materials at the wheel-rail interface. This document applies to the mainline railway. NOTE This document can also be used for other railways, e.g. urban rail.

Keel: en

Alusdokumendid: CEN/TS 15427-1-2:2023

Asendab dokumenti: CEN/TS 15427-1-2:2021

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

CEN/TS 1455-2:2023

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Acrylonitrile-butadiene-styrene (ABS) - Part 2: Assessment of conformity

This document gives guidance for specifying requirements for the AoC of compounds/formulation, products, joints and assemblies in accordance with the applicable part of EN 1455 intended to be included in the manufacturer's quality plan as part of the quality management system and for the establishment of certification procedures. NOTE A basic test matrix provides an overview of the testing scheme in Annex A. In conjunction with EN 1455-1 (see European foreword), this document is applicable to solid wall piping systems made of acrylonitrile-butadiene-styrene (ABS) intended to be used for soil and waste discharge (low and high temperature): - inside buildings (application area code "B"); - both inside buildings and buried in ground within the building structure (application area code "BD").

Keel: en

Alusdokumendid: CEN/TS 1455-2:2023

Asendab dokumenti: CEN/TS 1455-2:2012

CEN/TS 1566-2:2023

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Chlorinated poly(vinyl chloride) (PVC-C) - Part 2: Assessment of conformity

This document gives guidance for specifying requirements for the AoC of compounds/formulations, products, joints and assemblies in accordance with the applicable part of EN 1566 intended to be included in the manufacturer's quality plan as part of the quality management system and for the establishment of certification procedures. NOTE A basic test matrix provides an overview of the testing scheme in Annex A. In conjunction with EN 1566 1 (see European foreword), this document is applicable to solid-wall piping systems made of chlorinated poly(vinyl chloride) (PVC C) intended to be used for or soil and waste discharge systems (low and high temperature): - inside buildings (application area code "B"); - for both inside buildings and buried in ground within the building structure (application area code "BD").

Keel: en

Alusdokumendid: CEN/TS 1566-2:2023

Asendab dokumenti: CEN/TS 1566-2:2012

EVS-EN 14420-7:2022/AC:2023

Hose fittings with clamp units - Part 7: Cam locking couplings

Corrigendum to EN 14420-7:2022

Keel: en

Alusdokumendid: EN 14420-7:2022/AC:2023

Parandab dokumenti: EVS-EN 14420-7:2022

EVS-EN ISO 2505:2023

Thermoplastics pipes - Longitudinal reversion - Test method and parameters (ISO 2505:2023)

This document specifies a method for determining the longitudinal reversion of thermoplastics pipes, to be carried out in either a liquid or in air. In case of dispute, heated liquid is used as the reference. This document is applicable to all thermoplastics pipes with smooth internal and external walls of constant cross-section. It is not applicable to non-smooth structured-wall thermoplastics pipes. The parameters appropriate to the pipe material and recommendations for the maximum levels of reversion as a function of the pipe material are given in Annex A. This method is applicable for pipes of wall thickness ≤ 16 mm.

Keel: en

Alusdokumendid: ISO 2505:2023; EN ISO 2505:2023

Asendab dokumenti: EVS-EN ISO 2505:2005

EVS-EN 13523-23:2023

Coil coated metals - Test methods - Part 23: Resistance to humid atmospheres containing sulfur dioxide

This document describes the procedure for determining the resistance of an organic coating on a metallic substrate to humid atmospheres containing sulfur dioxide.

Keel: en

Alusdokumendid: EN 13523-23:2023

Asendab dokumenti: EVS-EN 13523-23:2015

EVS-EN 15085-2:2020+A1:2023

Raudteelased rakendused. Raudteeveeremi ja veeremidetailide keevitamine. Osa 2: Nõuded keevitustootjatele

Railway applications - Welding of railway vehicles and components - Part 2: Requirements for welding manufacturer

This document defines the classification levels for welded components, the types of activity typically undertaken and the requirements to be fulfilled to demonstrate conformance.

Keel: en

Alusdokumendid: EN 15085-2:2020+A1:2023

Asendab dokumenti: EVS-EN 15085-2:2020

EVS-EN IEC 62841-4-7:2022/AC2:2023

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 4-7: Erinõuded eeslükatavatele murukobestitele- ja õhutitele (aeraatorid)

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-7: Particular requirements for pedestrian controlled walk-behind lawn scarifiers and aerators

Corrigendum to EN IEC 62841-4-7:2022

Keel: en

Alusdokumendid: EN IEC 62841-4-7:2022/AC:2023-10

Parandab dokumenti: EVS-EN IEC 62841-4-7:2022

EVS-EN ISO 12736-1:2023

Oil and gas industries including lower carbon energy - Wet thermal insulation systems for pipelines and subsea equipment - Part 1: Validation of materials and insulation systems (ISO 12736-1:2023)

This document specifies requirements for the validation of wet thermal insulation systems applied to pipelines and subsea equipment in the oil and gas industry. This document is applicable to wet thermal insulation systems submerged in seawater. This document is not applicable to: — maintenance works on existing installed wet thermal insulation systems; — qualification for anti-corrosion coating; — thermal insulation in the annulus of a steel pipe-in-pipe system.

Keel: en

Alusdokumendid: ISO 12736-1:2023; EN ISO 12736-1:2023

Asendab dokumenti: EVS-EN ISO 12736:2015

EVS-EN ISO 12736-2:2023

Oil and gas industries including lower carbon energy - Wet thermal insulation systems for pipelines and subsea equipment - Part 2: Qualification processes for production and application procedures (ISO 12736-2:2023)

This document specifies requirements for project specific product and process qualification of wet thermal insulation systems applied to pipelines in a factory setting and subsea equipment in the oil and gas industries. This document is not applicable to: — pre-fabricated insulation; — thermal insulation in the annulus of a steel pipe-in-pipe system; — maintenance works on existing installed wet thermal insulation systems; — project qualification of anticorrosion coatings or the requirements for application thereof.

Keel: en

Alusdokumendid: ISO 12736-2:2023; EN ISO 12736-2:2023

Asendab dokumenti: EVS-EN ISO 12736:2015

EVS-EN ISO 12736-3:2023

Oil and gas industries including lower carbon energy - Wet thermal insulation systems for pipelines and subsea equipment - Part 3: Interfaces between systems, field joint system, field repairs and prefabricated insulation (ISO 12736-3:2023)

This document specifies requirements for project specific product and process qualification of field applied wet thermal insulation systems applied at interfaces (e.g. field joints) and pre-fabricated insulation in the petroleum and natural gas industries. This document is applicable to wet thermal insulation systems submerged in seawater. This document is not applicable to: — the project qualification of anticorrosion coatings or the requirements for application thereof; — thermal insulation in the annulus of a steel pipe-in-pipe system.

Keel: en

Alusdokumendid: ISO 12736-3:2023; EN ISO 12736-3:2023

Asendab dokumenti: EVS-EN ISO 12736:2015

EVS-EN ISO 9012:2023

Gas welding equipment - Air-aspirated hand blowpipes - Specifications and tests (ISO 9012:2023)

This document specifies requirements and test methods for air-aspirated hand blowpipes. This document applies to blowpipes for brazing, soldering, heating, fusion and other allied thermal processes which use a fuel gas and aspirated air (injector-type blowpipes) and are intended for manual use. This document is applicable to: — air-aspirated hand blowpipes which are fed with a fuel gas in the gaseous phase, at a controlled pressure by a regulator, through a gas supply hose; — air-aspirated hand blowpipes which are fed with a liquefied fuel gas in the gaseous phase at the container pressure, through a gas supply hose; — so-called liquid-phase blowpipes which are fed with a fuel gas in the liquid phase, and where thermal evaporation takes place within the blowpipe. It does not apply to blowpipes in which the fuel gas leaves the injector in the liquid phase, or to so-called "cartridge" blowpipes where the gas supply is fixed directly onto the blowpipe and possibly constitutes the shank. NOTE Figures 1 to 4 are given for guidance only, to facilitate the explanation of the terms. They do not specify the construction details, which are left to the discretion of the manufacturer.

Keel: en

Alusdokumendid: ISO 9012:2023; EN ISO 9012:2023

Asendab dokumenti: EVS-EN ISO 9012:2011

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 16905-1:2023

Gas-fired endothermic engine driven heat pumps - Part 1: Terms and definitions

1.1 Scope of the EN 16905 series This part of EN 16905 specifies the terms and definitions for the rating and performance calculation of gas-fired endothermic engine driven heat pumps for heating and/or cooling mode including the engine heat recovery, to be used outdoor. This European Standard specifies the terms and definitions. This European Standard is to be used in conjunction with the following standards: a) FprEN 16905-2:2022 on safety; b) EN 16905-3:2017 on test conditions; c) prEN 16905-4:2022 on the requirements, test conditions and test methods; d) FprEN 16905-5:2022 on the calculation of seasonal performances in heating and cooling mode; e) the heat pump standards, EN 14511-2, EN 14511-3 and EN 14825. This European Standard only applies to appliances with a maximum heat input (based on net calorific value) not exceeding 70 kW at standard rating conditions. This European Standard only applies to appliances under categories I2H, I2E, I2Er, I2R, I2E(S)B, I2L, I2LL, I2ELL, I2E(R)B, I2ESi, I2E(R), I3P, I3B, I3B/P, I12H3+, I12Er3+, I12H3B/P, I12L3B/P, I12E3B/P, I12ELL3B/P, I12L3P, I12H3P, I12E3P and I12Er3P according to EN 437. This European Standard only applies to appliances having: f) gas fired endothermic engines under the control of fully automatic control systems; g) closed system refrigerant circuits in which the refrigerant does not come into direct contact with the fluid to be cooled or heated; h) where the temperature of the heat transfer fluid of the heating system (heating water circuit) does not exceed 105 °C during normal operation; i) where the maximum operating pressure in the: 1) heating water circuit (if installed) does not exceed 6 bar 2) domestic hot water circuit (if installed) does not exceed 10 bar. This European Standard applies to GEHP appliances only when used for space heating or space cooling or for refrigeration, with or without heat recovery. This European Standard is applicable to GEHP appliances that are intended to be type tested. Requirements for GEHP appliances that are not type tested would need to be subject to further consideration.

Keel: en

Alusdokumendid: EN 16905-1:2023

Asendab dokumenti: EVS-EN 16905-1:2017

EVS-EN IEC 63345:2023

Energy Efficiency Systems - Simple External Consumer Display

This document specifies a data model to abstract the metering world towards a simple external consumer display. The data model, as described by means of functional blocks contained in this document, lays down the format of metering data accessible by a simple external consumer display. This data interface would be typically part of the meter communication functions and be accessed by a simple external consumer display via the H1 interface of CEN/CLC/ETSI TR 50572 between the display and the meter communication functions. The data interface specified in this document may also be accessed by the LNAP or NNAP through the C or M interface, after which the data could be accessed by HBES devices through the H2 and H3 interfaces. In other words, in this way the same data model can be used both on the H1 as well as the H2 and H3 interfaces. This document does not specify the communication mechanisms used on the data interface, nor the applied data privacy and security mechanisms, nor the ergonomics of the simple external consumer displays, where national regulations can apply. The document does also not specify the communication protocol used between the meters and the meter communication functions. However, it takes into

account existing standards such as the EN 13757 series (in particular EN 13757-3:2018 and its Annex H) and the IEC 62056 series for the definition of the data model.

Keel: en

Alusdokumendid: IEC 63345:2023; EN IEC 63345:2023

Asendab dokumenti: EVS-EN 50491-11:2015

Asendab dokumenti: EVS-EN 50491-11:2015/A1:2020

29 ELEKTROTEHNIKA

EVS-EN 60269-6:2011/A1:2023

Madalpingelised sulavkaitsmed. Osa 6: Lisanõuded solaar-fotoelektriliste energiapaigaldiste sulavkaitsmetele

Low-voltage fuses - Part 6: Supplementary requirements for fuse-links for the protection of solar photovoltaic energy systems

Amendment for EN 60269-6:2011

Keel: en

Alusdokumendid: EN 60269-6:2011/A1:2023; IEC 60269-6:2010/A1:2021; IEC 60269-6:2010/A1:2021/Cor1:2021

Muudab dokumenti: EVS-EN 60269-6:2011

EVS-EN IEC 60404-8-1:2023

Magnetic materials - Part 8-1: Specifications for individual materials - Permanent magnet (magnetically hard) materials

IEC 60404-8-1:2023 specifies minimum values for the principal magnetic properties of, and dimensional tolerances for, technically important permanent magnet (magnetically hard) materials. For information purposes only, this document provides values for the densities of the materials and the ranges of their chemical compositions. This fourth edition includes the following significant technical changes with respect to the previous edition: a) recently developed anisotropic REFeB hot deformed magnets and anisotropic HDDR REFeB bonded magnets are included; b) high energy Ca-La-Co ferrites stabilized by La and Co substitution are included; c) new and high-performance grades of REFeB and RE₂Co₁₇ sintered magnets and isotropic REFeN bonded magnets are added.

Keel: en

Alusdokumendid: IEC 60404-8-1:2023; EN IEC 60404-8-1:2023

Asendab dokumenti: EVS-EN 60404-8-1:2015

EVS-EN IEC 61462:2023

Composite hollow insulators - Pressurized and unpressurized insulators for use in electrical equipment with AC rated voltage greater than 1 000 V AC and D.C. voltage greater than 1500V - Definitions, test methods, acceptance criteria and design recommendations

This Standard applies to composite hollow insulators consisting of a load-bearing insulating tube made of resin impregnated fibres, a housing (outside the insulating tube) made of elastomeric material (for example silicone or ethylene-propylene) and metal fixing devices at the ends of the insulating tube. Composite hollow insulators as defined in this standard are intended for general use (unpressurized) or for use with a permanent gas pressure (pressurized). They are intended for use in both outdoor and indoor electrical equipment operating on alternating current with a rated voltage greater than 1 000 V a.c. and a frequency not greater than 100 Hz or for use in direct current equipment with a rated voltage greater than 1 500 V d.c. The object of this standard is: - to define the terms used; - to prescribe test methods; - to prescribe acceptance criteria. Hollow insulators are integrated into electrical equipment which is electrically type tested as required by the applicable equipment standard. So, it is not the object of this standard to prescribe dielectric type tests because the withstand voltages and flashover behaviour are not characteristics of the hollow insulator itself but of the apparatus of which it ultimately forms a part. All the tests in this standard, apart from the thermal-mechanical test, are performed at normal ambient temperature. This standard does not prescribe tests that may be characteristic of the apparatus of which the hollow insulator ultimately forms a part. Composite hollow insulators are intended for use in electrical equipment, such as, but not limited to: - HV circuit-breakers, - switch-disconnectors, - disconnectors, - station posts, - disconnecting circuit breakers, - earthing switches, - instrument- and power transformers, - bushings, - cable terminations. Additional testing defined by the relevant IEC equipment standard may be required.

Keel: en

Alusdokumendid: IEC 61462:2023; EN IEC 61462:2023

Asendab dokumenti: EVS-EN 61462:2007

EVS-EN IEC 61800-3:2023

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

IEC 61800-3:2022 specifies electromagnetic compatibility (EMC) requirements for adjustable speed power drive systems (PDSs) and machine tools (MTs). A PDS is an AC or DC motor drive including an electronic converter. Requirements are stated for AC and DC PDSs and MTs with input and/or output voltages (line-to-line voltage), up to 35 kV AC RMS. This document applies to equipment of all power ratings. As a product EMC standard, this document can be used for the assessment of PDS and MT. It can also be used for the assessment of complete drive modules (CDM) or basic drive modules (BDM). Traction applications and

electric vehicles are excluded. Equipment which is defined as group 2 in CISPR 11:2015 is excluded. This document does not give requirements for the electrical machine which converts power between the electrical and mechanical forms within the PDS. Requirements for rotating electrical machines are covered by the IEC 60034 series. In this document, the term "motor" is used to describe the electrical machine, whether rotary or linear, and regardless of the direction of power flow. This document is applicable to BDMs, CDMs, PDSs and MTs with or without radio function. However, this document does not specify any radio transmission and reception requirements. This document defines the minimum requirements for emission and immunity in the frequency range from 0 Hz to 400 GHz. Tests are not required in frequency ranges where no requirements are specified. This fourth edition cancels and replaces the third edition published in 2017. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - extension of the scope to machine tools with one or more embedded PDS; - extension of the frequency range for radiated immunity tests to 6 GHz; - general updates in the normative part and the informative annexes.

Keel: en

Alusdokumendid: IEC 61800-3:2022; EN IEC 61800-3:2023

Asendab dokumenti: EVS-EN IEC 61800-3:2018

EVS-EN IEC 61800-5-1:2023

Reguleeritava kiirusega elektriajamisüsteemid. Osa 5-1: Ohutusnõuded. Elektrilised, soojuslikud ja energiaalised nõuded

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

IEC 61800-5-1:2022 specifies requirements for adjustable speed electrical power drive systems (PDS) or their elements, with respect to electrical, thermal, fire, mechanical, energy and other relevant hazards. It does not cover the driven equipment except for interface requirements. It applies to adjustable speed electrical PDS which include the power conversion, basic drive module (BDM)/complete drive module (CDM) control, and a motor or motors. Excluded are traction and electric vehicle BDM/CDM. It applies to low-voltage adjustable speed electrical PDS intended to feed a motor or motors from a BDM/CDM connected to phase-to-phase voltages of up to and including 1,0 kV AC (50 Hz or 60 Hz) and up to and including 1,5 kV DC. It also applies to high-voltage adjustable speed electrical PDS intended to feed a motor or motors from a BDM/CDM connected to phase-to-phase voltages of up to and including 35 kV AC (50 Hz or 60 Hz) and up to and including 52 kV DC. This document also applies to PDS which intentionally emits or receives radio waves for the purpose of radio communication. This edition includes the following significant technical changes with respect to the previous edition: a) harmonization with IEC 62477-1:2022; b) harmonization with UL 61800-5-1 and CSA C22.2 No. 274, including an annex with a list of national deviation which was considered not possible to harmonize within a reasonable timeframe; c) more detailed information about the evaluation of components according to this document and relevant safety component standards; d) updated requirement for mechanical hazards including multiple IP ratings.

Keel: en

Alusdokumendid: IEC 61800-5-1:2022; EN IEC 61800-5-1:2023; IEC 61800-5-1:2022/Corr1:2023

Asendab dokumenti: EVS-EN 61800-5-1:2007

Asendab dokumenti: EVS-EN 61800-5-1:2007/A1:2017

Asendab dokumenti: EVS-EN 61800-5-1:2007/A11:2021

Asendab dokumenti: EVS-EN 61800-5-1:2007+A1+A11:2021

EVS-EN IEC 61800-5-3:2023

Reguleeritava kiirusega elektriajamisüsteemid. Osa 5-3: Ohutusnõuded. Liikumisanduritele esitatavad funktsionaalsed, elektrilised ja keskkonnaalased nõuded

Adjustable speed electrical power drive systems - Part 5-3: Safety requirements - Functional, electrical and environmental requirements for encoders

IEC 61800-5-3:2021, which is a product standard, specifies requirements and makes recommendations for the design and development, integration and validation of safety-related encoder (Encoder(SR)) in terms of their functional safety considerations, electrical safety and environmental conditions. It applies to Encoder(SR), being sensors as part of a PDS(SR). This document can also be referred to and used for Encoder(SR) in any other safety-related application, for example safety-related position monitoring. This document is applicable where functional safety of an encoder is claimed and the Encoder(SR) is operating mainly in the high demand or continuous mode. The requirements of IEC 61800-5-2:2016 for PDS(SR) apply to Encoder(SR) as applicable. This document includes additional or different requirements for Encoder(SR). It sets out safety-related considerations of Encoder(SR) in terms of the framework of IEC 61508 (all parts), and introduces requirements for Encoder(SR) as subsystems of a safety-related system. It is intended to facilitate the realisation of the electrical/electronic/programmable electronic (E/E/PE) and mechanical parts of an Encoder(SR) in relation to the safety performance of safety sub-function(s) of an Encoder(SR).

Keel: en

Alusdokumendid: IEC 61800-5-3:2021; EN IEC 61800-5-3:2023

EVS-EN IEC 62040-1:2019/A1:2023

Katkematu toite süsteemid. Osa 1: Ohutusnõuded

Uninterruptible power systems (UPS) - Part 1: Safety requirements

Amendment for EN IEC 62040-1:2019

Keel: en

Alusdokumendid: IEC 62040-1:2017/A1:2021; EN IEC 62040-1:2019/A1:2023

Muudab dokumenti: EVS-EN IEC 62040-1:2019

EVS-EN IEC 62386-305:2023

Digital addressable lighting interface - Part 305: Particular requirements - Input devices - Colour sensor

This part of IEC 62386 is applicable to input devices that provide the lighting control system with colour information by colour sensing. This document is only applicable to IEC 62386-103 input devices that deliver colour information to the lighting control system through colour sensing.

Keel: en

Alusdokumendid: IEC 62386-305:2023; EN IEC 62386-305:2023

EVS-EN IEC 62477-1:2023

Jõuelektrooniliste muundussüsteemide ja -seadmete ohutusnõuded. Osa 1: Üldnõuded Safety requirements for power electronic converter systems and equipment - Part 1: General

IEC 62477-1:2022 applies to power electronic converter systems (PECS), any specified accessories, and their components for electronic power conversion and electronic power switching, including the means for their control, protection, monitoring and measurement, such as with the main purpose of converting electric power, with rated system voltages not exceeding 1 000 V AC or 1 500 V DC. This document also applies to PECS which intentionally emit or receive radio waves for the purpose of radio communication. This document can also be used as a reference standard for product committees producing product standards for: - adjustable speed electric power drive systems (PDS); - standalone uninterruptible power systems (UPS); - low voltage stabilized DC power supplies; - bidirectional power converters. For PECS and their specified accessories for which no product standard exists, this document provides minimum requirements for safety aspects. This document has the status of a group safety publication in accordance with IEC Guide 104 for power electronic converter systems for solar, wind, tidal, wave, fuel cell or similar energy sources. According to IEC Guide 104, one of the responsibilities of technical committees is, wherever applicable, to make use of basic safety publications and/or group safety publications in the preparation of their product standards. Guidance for use of this group safety publication for product committees is given in Annex S. This document - establishes a common terminology for safety aspects relating to PECS, - establishes minimum requirements for the coordination of safety aspects of interrelated parts within a PECS, - establishes a common basis for minimum safety requirements for the PECS portion of products that contain PECS, - specifies requirements to reduce risks of fire, electric shock, thermal, energy and mechanical hazards, during use and operation and, where specifically stated, during service and maintenance, and - specifies minimum requirements to reduce risks with respect to PECS designed as pluggable and permanently connected equipment, whether it consists of a system of interconnected units or independent units, subject to installing, operating and maintaining the PECS in the manner prescribed by the manufacturer. This document does not cover - telecommunications apparatus other than power supplies to such apparatus, - functional safety aspects as covered by, for example, IEC 61508 (all parts), and - electrical equipment and systems for railways applications

Keel: en

Alusdokumendid: IEC 62477-1:2022; EN IEC 62477-1:2023

Asendab dokumenti: EVS-EN 62477-1:2012

Asendab dokumenti: EVS-EN 62477-1:2012/A1:2017

Asendab dokumenti: EVS-EN 62477-1:2012/A11:2014

Asendab dokumenti: EVS-EN 62477-1:2012/A12:2021

Asendab dokumenti: EVS-EN 62477-1:2012+A11+A1+A12:2021

EVS-EN IEC 62877-1:2023

Electrolyte and water for vented lead acid accumulators - Part 1: requirements for electrolyte

IEC 62877-1:2023 applies to electrolytes and their components used for filling vented lead acid batteries with dry-charged cells and for electrolyte replenishment, replacement or electrolyte density adjustment of batteries in operation. This document defines the composition, purity and properties of electrolyte, for application where specific instructions from the battery manufacturer are not available. This second edition cancels and replaces the first edition published in 2016. This edition includes the following significant technical changes with respect to the previous edition: - Addition of the concentration values of halogens in Table 4.

Keel: en

Alusdokumendid: IEC 62877-1:2023; EN IEC 62877-1:2023

Asendab dokumenti: EVS-EN 62877-1:2016

Asendab dokumenti: EVS-EN 62877-1:2016/AC:2017

EVS-EN IEC 63345:2023

Energy Efficiency Systems - Simple External Consumer Display

This document specifies a data model to abstract the metering world towards a simple external consumer display. The data model, as described by means of functional blocks contained in this document, lays down the format of metering data accessible by a simple external consumer display. This data interface would be typically part of the meter communication functions and be accessed by a simple external consumer display via the H1 interface of CEN/CLC/ETSI TR 50572 between the display and the meter communication functions. The data interface specified in this document may also be accessed by the LNAP or NNAP through the C or M interface, after which the data could be accessed by HBES devices through the H2 and H3 interfaces. In other words, in this way the same data model can be used both on the H1 as well as the H2 and H3 interfaces. This document does not specify the communication mechanisms used on the data interface, nor the applied data privacy and security mechanisms, nor the ergonomics of the simple external consumer displays, where national regulations can apply. The document does also not specify the communication protocol used between the meters and the meter communication functions. However, it takes into account existing standards such as the EN 13757 series (in particular EN 13757-3:2018 and its Annex H) and the IEC 62056 series for the definition of the data model.

Keel: en

Alusdokumendid: IEC 63345:2023; EN IEC 63345:2023

33 SIDETEHNIKA

EVS-EN 300 019-2-6 V3.1.1:2023

Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2: Specification of environmental tests; Sub-part 6: Ship environments

The present document specifies test severities and methods for the verification of the required resistibility of equipment according to the relevant environmental class. The tests defined in the present document apply to the use of telecommunication equipment installed permanently or temporarily in ships and cover the environments and the vessels stated in ETSI EN 300 019-1-6.

Keel: en

Alusdokumendid: ETSI EN 300 019-2-6 V3.1.1

EVS-EN 319 411-1 V1.4.1:2023

Electronic Signatures and Infrastructures (ESI); Policy and security requirements for Trust Service Providers issuing certificates; Part 1: General requirements

The present document specifies generally applicable policy and security requirements for Trust Service Providers (TSPs) issuing public key certificates, including trusted web site certificates. The policy and security requirements are defined in terms of requirements for the issuance, maintenance and life-cycle management of certificates. These policy and security requirements support several reference certificate policies, defined in clauses 4 and 5. A framework for the definition of policy requirements for TSPs issuing certificates in a specific context where particular requirements apply is defined in clause 7. The present document covers requirements for CA hierarchies, however this is limited to supporting the policies as specified in the present document. It does not include requirements for root CAs and intermediate CAs for other purposes. The present document is applicable to: • the general requirements of certification in support of cryptographic mechanisms, including digital signatures for electronic signatures and seals; • the general requirements of certification authorities issuing TLS/SSL certificates; • the general requirements of the use of cryptography for authentication and encryption. The present document does not specify how the requirements identified can be assessed by an independent party, including requirements for information to be made available to such independent assessors, or requirements on such assessors. NOTE: See ETSI EN 319 403 [i.2] for guidance on assessment of TSP's processes and services. The present document references ETSI EN 319 401 for general policy requirements common to all classes of TSP's services. The present document includes provisions consistent with the requirements from the CA/Browser Forum in EVCG and BRG.

Keel: en

Alusdokumendid: ETSI EN 319 411-1 V1.4.1

EVS-EN 319 411-2 V2.5.1:2023

Electronic Signatures and Infrastructures (ESI); Policy and security requirements for Trust Service Providers issuing certificates; Part 2: Requirements for trust service providers issuing EU qualified certificates

The present document specifies policy and security requirements for the issuance, maintenance and life-cycle management of EU qualified certificates as defined in Regulation (EU) No 910/2014. These policy and security requirements support reference certificate policies for the issuance, maintenance and life-cycle management of EU qualified certificates issued to natural persons (including natural persons associated with a legal person or a website) and to legal persons (including legal persons associated with a website), respectively. The present document does not specify how the requirements identified can be assessed by an independent party, including requirements for information to be made available to such independent assessors, or requirements on such assessors. NOTE: See ETSI EN 319 403 for guidance on assessment of TSP's processes and services. The present document references ETSI EN 319 411-1 for general requirements on TSP issuing certificates.

Keel: en

Alusdokumendid: ETSI EN 319 411-2 V2.5.1

EVS-EN IEC 60794-1-111:2023

Optical fibre cables - Part 1-111: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Bend, method E11

This part of IEC 60794 defines the test procedure to determine the ability of an optical fibre cable to withstand bending around a test mandrel. The primary purpose of this procedure is to measure the change in attenuation when the cable is bent around a test mandrel. A secondary purpose is to assess whether the cable has been physically damaged by bending. NOTE 1 This test can be utilized at any specified temperature, including the low or high temperature limits for the cable. NOTE 2 The bend test procedure for cable elements is specified in IEC 60794-1-301, method G1.

Keel: en

Alusdokumendid: IEC 60794-1-111:2023; EN IEC 60794-1-111:2023

EVS-EN IEC 60794-1-306:2023

Optical fibre cables - Part 1-306: Generic specification - Basic optical cable test procedures - Cable element test methods - Ribbon torsion, Method G6

This part of IEC 60794 describes test procedures to verify the mechanical and functional integrity of the fibre ribbon structure. The test determines the capability of the ribbon to withstand torsion without delamination between optical fibre and ribbon bonding agent. This document applies to optical fibre ribbons in optical cables for use with telecommunication equipment and devices employing similar techniques, and to optical fibre ribbons in cables having a combination of both optical fibres and electrical conductors. This document is not applicable to partially-bonded ribbons. The method for partially-bonded ribbons is under consideration. Throughout the document, the wording "optical cable" can also include optical fibre units, microduct fibre units, etc. NOTE The environmental testing of optical fibre ribbon would be valuable for some applications. Useful information about suitable test methods can be found in the optical fibre standards IEC 60793-1-50, IEC 60793-1-51, IEC 60793-1-52, and IEC 60793-1-53.

Keel: en

Alusdokumendid: IEC 60794-1-306:2023; EN IEC 60794-1-306:2023

EVS-EN IEC 61800-3:2023

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

IEC 61800-3:2022 specifies electromagnetic compatibility (EMC) requirements for adjustable speed power drive systems (PDSs) and machine tools (MTs). A PDS is an AC or DC motor drive including an electronic converter. Requirements are stated for AC and DC PDSs and MTs with input and/or output voltages (line-to-line voltage), up to 35 kV AC RMS. This document applies to equipment of all power ratings. As a product EMC standard, this document can be used for the assessment of PDS and MT. It can also be used for the assessment of complete drive modules (CDM) or basic drive modules (BDM). Traction applications and electric vehicles are excluded. Equipment which is defined as group 2 in CISPR 11:2015 is excluded. This document does not give requirements for the electrical machine which converts power between the electrical and mechanical forms within the PDS. Requirements for rotating electrical machines are covered by the IEC 60034 series. In this document, the term "motor" is used to describe the electrical machine, whether rotary or linear, and regardless of the direction of power flow. This document is applicable to BDMs, CDMs, PDSs and MTs with or without radio function. However, this document does not specify any radio transmission and reception requirements. This document defines the minimum requirements for emission and immunity in the frequency range from 0 Hz to 400 GHz. Tests are not required in frequency ranges where no requirements are specified. This fourth edition cancels and replaces the third edition published in 2017. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - extension of the scope to machine tools with one or more embedded PDS; - extension of the frequency range for radiated immunity tests to 6 GHz; - general updates in the normative part and the informative annexes.

Keel: en

Alusdokumendid: IEC 61800-3:2022; EN IEC 61800-3:2023

Asendab dokumenti: EVS-EN IEC 61800-3:2018

EVS-EN IEC 62148-17:2023

Fibre optic active components and devices - Package and interface standards - Part 17: Transmitter and receiver components with dual coaxial RF connectors

This part of IEC 62148 defines physical interface specifications for transmitter and receiver components with dual coaxial RF connectors.

Keel: en

Alusdokumendid: IEC 62148-17:2023; EN IEC 62148-17:2023

Asendab dokumenti: EVS-EN 62148-17:2014

35 INFOTEHNOLOOGIA

EVS-EN 17531:2021+A1:2023

Reporting in support of supervision of online gambling services by the gambling regulatory authorities of the Member States

The development of a European standard(s) on reporting by online gambling service operators and suppliers to the gambling regulatory authorities in the Member States for the purpose of supervision of online gambling services will specify the core data for reporting purposes, while ensuring integrity and security of the data as well as personal data protection. The requested European standard(s) will provide a voluntary tool to the gambling regulatory authorities in the Member States without prejudice to the scope of competence of Member States in the regulation of online gambling and without imposing any obligation on them to introduce reporting requirements or to authorize or deny authorization to any operators or suppliers

Keel: en

Alusdokumendid: EN 17531:2021+A1:2023

Asendab dokumenti: EVS-EN 17531:2021

EVS-EN 17740:2023

Requirements for professional profiles related to personal data processing and protection

The standard defines the requirements related to the professional activity of subjects active in the processing and protection of personal data, namely the intellectual profession that is pursued at different levels of complexity and in different organizational contexts, both public and private. These requirements are specified, starting from the specific tasks and activities identified, in terms of knowledge, skills and competence, in accordance with the European Qualifications Framework - EQF and are expressed in such a way as to facilitate and contribute to harmonize, as far as possible, evaluation and validation processes of learning outcomes.

Keel: en

Alusdokumendid: EN 17740:2023

EVS-EN 4709-002:2023

Lennunduse ja kosmonautika seeria. Mehitamata õhusõiduki süsteem. Osa 002: Kaugtuvastus Aerospace series - Unmanned Aircraft Systems - Part 002: Direct Remote identification

This document provides means of compliance with the "Direct Remote Identification" requirements set in Regulation (EU) 2019/945 on Unmanned Aircraft Systems. "Direct remote identification" means a system that ensures the local broadcast of information about a UA in operation. More specifically, this document addresses drone's capability to be identified during the whole duration of the flight, in real time and with no specific connectivity or ground infrastructure link, by existing mobile devices when within the broadcasting range. Such functionality, based on an open and documented transmission protocol (described in this document) contributes to address security threats and to support drones' operators' obligations with respect to citizens' fundamental rights to privacy and protection of personal data. It can be used by law enforcement people, critical infrastructure managers, and public to get an instantaneous information on the drone flying around, providing various information such as UA serial number, UA navigation data and operational status, UAS Operator registration number and position as defined in the Delegated Regulation (EU) 2019/945. Since Regulation (EU) 2019/945 requires DRI information to be broadcasted using an "open and documented protocol", this document does not define technological measures to protect the confidentiality and integrity of the data broadcasted.

Keel: en

Alusdokumendid: EN 4709-002:2023

EVS-EN 4905:2023

Aerospace series - Passive UHF RFID for airborne use

This document is applicable to new manufactured tags after publication of this document. This document aims to: - provide specification for RFID tag manufacturers to design and manufacture passive UHF RFID tags for the aeronautical industry; - identify required performances for UHF RFID tags in order to be read/written during ground operations only, while being subject to the global flight environment; - identify functional and environmental validation tests to be performed on passive UHF RFID tags with associated pass/fail criteria as well as associated test methods; - check functionalities and resistance to environment for airborne passive UHF RFID tags. This document does not apply to: - the reader (interrogator – readers). It will be addressed appropriately by individual applicants; - active RFID devices or battery assisted passive (BAP) RFID devices; - RFID tags designed to operate outside the 860 MHz to 960 MHz frequency range.

Keel: en

Alusdokumendid: EN 4905:2023

Asendab dokumenti: EVS-EN 4817:2012

EVS-EN 4906:2023

Aerospace series - Embedded tags - Choice of fixation for installation, removal and replacement of embedded tags

This document is applicable in the aeronautical domain to on-board parts and to equipment intended to be embedded or positioned on any civil or military airborne vehicle with a type certificate. The purpose of this document is to guide design, manufacturing, maintenance and operations organizations in the installation, removal and replacement of RFID tags (UHF and HF) and Contact Memory Buttons (CMB), according to the environments defined in RTCA DO-160/EUROCAE ED-14 and according to the type of support and the expected fixation performances. This guide will provide help in the specification of the tag installation/removal functions and/or will enable the solutions on offer from tag suppliers to be enhanced. The term "tag" used in this document covers all the tags used to store electronic data, including RFID tags and CMB tags. As a reminder, the tags can also contain information that can be read by devices other than RFID or CMB readers (e.g. bar codes - Data Matrix, QR codes, etc., and/or alphanumerical characters) and information that can be read by the naked eye without any tools (human-readable).

Keel: en

Alusdokumendid: EN 4906:2023

EVS-EN 50700:2023

Information technology - Premises distribution access network (PDAN) cabling to support deployment of optical broadband networks

This document specifies the optical fibre access network cabling within multi-subscriber premises termed the premises distribution access network (PDAN). The premises may comprise single or multiple buildings. The cabling specified is intended to be pre-installed, in readiness for subsequent connection of the multi-subscriber premises to an access providers infrastructure to support deployment of optical broadband networks. This document does not specify either the access network cabling external to the premises or the cabling within the subscriber space for onward distribution of services beyond the customer premises equipment. This document specifies: a) the structure and configuration of the optical fibre cabling; b) cabling performance requirements; c)

implementation options. Safety practices in relation to optical power hazard are specified in EN 60825-2. Optical powers higher than the hazard levels specified in EN 60825-2 are not considered in this document. Safety (electrical safety, fire, etc.) and electromagnetic compatibility (EMC) requirements are outside the scope of this document and are covered by other standards and regulations. However, information given in this document may be of assistance in meeting these standards and regulations.

Keel: en

Alusdokumendid: EN 50700:2023

Asendab dokumenti: EVS-EN 50700:2014

43 MAANTEESÕIDUKITE EHTUS

EVS-EN ISO 15118-9:2023

Road vehicles - Vehicle to grid communication interface - Part 9: Physical and data link layer conformance test for wireless communication (ISO 15118-9:2022)

This document specifies conformance tests in the form of an abstract test suite (ATS) for a system under test (SUT) implementing an electric-vehicle or supply-equipment communication controller (EVCC or SECC) with support for WLAN-based high-level communication (HLC) according to ISO 15118 8 and against the background of ISO 15118-1. These conformance tests specify the testing of capabilities and behaviours of an SUT, as well as checking what is observed against the conformance requirements specified in ISO 15118 8 and against what the implementer states the SUT implementation's capabilities are. The capability tests within the ATS check that the observable capabilities of the SUT are in accordance with the static conformance requirements defined in ISO 15118 8. The behaviour tests of the ATS examine an implementation as thoroughly as practical over the full range of dynamic conformance requirements defined in ISO 15118 8 and within the capabilities of the SUT (see NOTE below). A test architecture is described in correspondence to the ATS. The abstract test cases in this document are described leveraging this test architecture and are specified in descriptive tabular format for the ISO/OSI physical and data link layers (layers 1 and 2). In terms of coverage, this document only covers normative sections and requirements in ISO 15118 8. This document can additionally refer to specific tests for requirements on referenced standards (e.g. IEEE, or industry consortia standards, like WiFi Alliance) as long as they are relevant in terms of conformance for implementations according to ISO 15118 8. However, it is explicitly not intended to widen the scope of this conformance specification to such external standards, if it is not technically necessary for the purpose of conformance testing for ISO 15118 8. Furthermore, the conformance tests specified in this document do not include the assessment of performance nor robustness or reliability of an implementation. They cannot provide judgments on the physical realization of abstract service primitives, how a system is implemented, how it provides any requested service, nor the environment of the protocol implementation. Furthermore, the abstract test cases defined in this document only consider the communication protocol and the system's behaviour defined ISO 15118 8. The power flow between the EVSE and the EV is not considered.

Keel: en

Alusdokumendid: ISO 15118-9:2022; EN ISO 15118-9:2023

45 RAUDTEETEHNIKA

CEN/TS 15427-1-2:2023

Railway applications - Wheel/rail friction management - Part 1-2: Equipment and application - Top of rail

This document is limited to specifying the requirements when applying material to the active interface between the wheel tread and the crown of the rail and includes trainborne and track side equipment. This document only covers the equipment and application of material to the active interface. This document specifies: - the characteristics of top of rail equipment for wheel-rail interface, together with applicable inspection and test methods to be carried out for verification; - all relevant terminology which is specific to the application of top of rail materials at the wheel-rail interface. This document applies to the mainline railway. NOTE This document can also be used for other railways, e.g. urban rail.

Keel: en

Alusdokumendid: CEN/TS 15427-1-2:2023

Asendab dokumenti: CEN/TS 15427-1-2:2021

CEN/TS 15427-1-3:2023

Railway applications - Wheel/rail friction management - Part 1-3: Equipment and application - Adhesion materials

This document is limited to specifying the requirements when applying adhesion material to the interface between the wheel tread and the crown of the rail and includes both trainborne and trackside solutions. This document only covers the equipment and application of adhesion material to the active interface. This document defines: - the characteristics that systems for the application of adhesion materials of the wheel-rail interface shall achieve, together with applicable inspection and test methods to be carried out for verification; - all relevant terminology which is specific to the adhesion materials of the wheel-rail interface. This document applies to the mainline railway. NOTE 1 This document can also be used for other railways, e.g. urban rail. NOTE 2 Where technologies are used to influence the wheel/rail interface, other than the application of an adhesion material, this document is out of scope but can be used as guidance.

Keel: en

Alusdokumendid: CEN/TS 15427-1-3:2023

Asendab dokumenti: CEN/TS 15427-1-3:2021

[CEN/TS 15427-2-2:2023](#)

Railway applications - Wheel/rail friction management - Part 2-2: Properties and characteristics - Top of rail materials

This document specifies the requirements of materials intended to be applied to the interface between the wheel tread and the rail crown (active interface). It can be applied either directly or indirectly to the wheel tread or rail. It outlines the information required for most approval procedures, the method of testing and routine control/monitoring of the material. This document does not deal with adhesion materials, for example: - sand; - adhesion enhancers.

Keel: en

Alusdokumendid: CEN/TS 15427-2-2:2023

Asendab dokumenti: CEN/TS 15427-2-2:2021

[CEN/TS 15427-2-3:2023](#)

Railway applications - Wheel/rail friction management - Part 2-3: Properties and Characteristics - Adhesion materials

This document specifies the requirements of adhesion materials intended to be applied to the interface between the wheel tread and the rail crown (active interface). It can be applied either directly or indirectly to the wheel tread or rail. It outlines the information required for most approval procedures, the method of testing and routine control/monitoring of the material. This document does not deal with Top of Rail materials. For Top of Rail materials see CEN/TS 15427 2 2:2023.

Keel: en

Alusdokumendid: CEN/TS 15427-2-3:2023

Asendab dokumenti: CEN/TS 15427-2-3:2021

[EVS-EN 12663-2:2010+A1:2023](#)

Raudteealased rakendused. Nõuded raudteeveeremi kerekonstruktsioonidele. Osa 2: Kaubavagunid

Railway applications - Structural requirements of railway vehicle bodies - Part 2: Freight wagons

This European Standard specifies minimum structural requirements for freight wagon bodies and associated specific equipment such as: roof, side and end walls, door, stanchion, fasteners and attachments. It defines also special requirements for the freight wagon bodies when the wagon is equipped with crashworthy buffers. It defines the loads sustained by vehicle bodies and specific equipment, gives material data, identifies its use and presents principles and methods to be used for design validation by analysis and testing. For this design validation, two methods are given: - one based on loadings, tests and criteria based upon methods used previously by the UIC rules and applicable only for vehicle bodies made of steel; - one based on the method of design and assessment of vehicles bodies given in EN 12663-1. For this method, the load conditions to be applied to freight wagons are given in this European Standard. They are copied in the EN 12663-1 in order to facilitate its use when applied to freight wagons.

Keel: en

Alusdokumendid: EN 12663-2:2010+A1:2023

Asendab dokumenti: EVS-EN 12663-2:2010

[EVS-EN 15085-2:2020+A1:2023](#)

Raudteealased rakendused. Raudteeveeremi ja veeremidetailide keevitamine. Osa 2: Nõuded keevitustootjatele

Railway applications - Welding of railway vehicles and components - Part 2: Requirements for welding manufacturer

This document defines the classification levels for welded components, the types of activity typically undertaken and the requirements to be fulfilled to demonstrate conformance.

Keel: en

Alusdokumendid: EN 15085-2:2020+A1:2023

Asendab dokumenti: EVS-EN 15085-2:2020

[EVS-EN 15595:2018+A1:2023](#)

Raudteealased rakendused. Pidurdamine. Ratta liugumise ennetusseadmed

Railway applications - Braking - Wheel slide protection

This document specifies the criteria for system acceptance and type approval of a wheel slide protection (WSP) system. It also specifies criteria for the implementation of WSP to specific vehicle applications and specific operating conditions, as well as requirements for wheel rotation monitoring (WRM). This includes the design, testing and quality assessment of the WSP and WRM systems and their components. This European Standard does not apply to vehicles on rubber tyred wheels or vehicles equipped with hydraulic brakes.

Keel: en

Alusdokumendid: EN 15595:2018+A1:2023

Asendab dokumenti: EVS-EN 15595:2018

Asendab dokumenti: EVS-EN 15595:2018/AC:2021

EVS-EN 17863:2023

Railway applications - Ground based services - Coach hygiene requirements

This document specifies the requirements for hygiene and cleanliness on railway vehicles and where appropriate the necessary interfacing infrastructure equipment. The areas specifically concerned on the railway vehicle include toilets, toilet doors, hand wash facilities, baby changing facilities, feminine hygiene articles management and fresh water supply. In the catering areas for water supply and disposal systems only. This document also includes extensive guidance and best practice to assist in the design, manufacture, operation and maintenance of railway vehicle hygiene equipment.

Keel: en

Alusdokumendid: EN 17863:2023

EVS-EN 45545-2:2020+A1:2023

Raudteelased rakendused. Raudteeveeremi tuleohutus. Osa 2: Nõuded materjalide ja komponentide käitumisele

Railway applications - Fire protection on railway vehicles - Part 2: Requirements for fire behaviour of materials and components

This part of EN 45545 specifies the reaction to fire performance requirements for materials and products used on railway vehicles as defined in EN 45545-1. The operation and design categories defined in EN 45545-1 are used to establish hazard levels that are used as the basis of a classification system. For each hazard level, this part specifies the test methods, test conditions and reaction to fire performance requirements. It is not within the scope of this European Standard to describe measures that ensure the preservation of the vehicles in the event of a fire.

Keel: en

Alusdokumendid: EN 45545-2:2020+A1:2023

Asendab dokumenti: EVS-EN 45545-2:2020

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 3375-009:2023

Cable, electrical, for digital data transmission - Part 009: Single braid - CAN Bus - 120 ohms - Type WX - Product standard

This document specifies the required characteristics of single braid, 120 ohms, size 26, electrical cable type WX, UV laser markable, intended for digital data transmissions. It is used together with EN 3375 001.

Keel: en

Alusdokumendid: EN 3375-009:2023

Asendab dokumenti: EVS-EN 3375-009:2016

EVS-EN 3660-003:2023

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 003: Grommet nut, style A - Product standard

This document defines a range of grommet nuts, style A, for use under the following conditions: Associated electrical connector(s): EN 3660-002 Temperature range, Class N: -65 °C to 200 °C Class W: -65 °C to 175 °C Class K: -65 °C to 260 °C Class A: -65 °C to 200 °C Class T: -65 °C to 175 °C Class Z: -65 °C to 175 °C

Keel: en

Alusdokumendid: EN 3660-003:2023

Asendab dokumenti: EVS-EN 3660-003:2018

EVS-EN 3660-004:2023

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 004: Cable outlet, style A, straight, unsealed with clamp strain relief - Product standard

This document specifies a range of cable outlets, style A, straight, unsealed with clamp strain relief for use under the following conditions: Associated electrical connector(s): EN 3660 002 Temperature range, Class N: -65 °C to 200 °C Class W: -65 °C to 175 °C Class K: -65 °C to 260 °C Class A: -65 °C to 200 °C Class T: -65 °C to 175 °C (nickel PTFE plating) Class Z: -65 °C to 175 °C (black zinc nickel plating)

Keel: en

Alusdokumendid: EN 3660-004:2023

Asendab dokumenti: EVS-EN 3660-004:2018

EVS-EN 3660-005:2023

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 005: Cable outlet, style A, 90°, unsealed with clamp strain relief - Product standard

This document specifies a range of cable outlets, style A, 90°, unsealed with clamp strain relief for use under the following conditions: Associated electrical connector(s): EN 3660 002 Temperature range, Class N: -65 °C to 200 °C Class W: -65 °C

to 175 °C Class K: -65 °C to 260 °C Class A: -65 °C to 260 °C Class T: -65 °C to 175 °C (nickel PTFE plating) Class Z: -65 °C to 175 °C (black zinc nickel plating)

Keel: en

Alusdokumendid: EN 3660-005:2023

Asendab dokumenti: EVS-EN 3660-005:2018

EVS-EN 4709-002:2023

Lennunduse ja kosmonautika seeria. Mehitamata õhusõiduki süsteem. Osa 002: Kaugtuvastus Aerospace series - Unmanned Aircraft Systems - Part 002: Direct Remote identification

This document provides means of compliance with the "Direct Remote Identification" requirements set in Regulation (EU) 2019/945 on Unmanned Aircraft Systems. "Direct remote identification" means a system that ensures the local broadcast of information about a UA in operation. More specifically, this document addresses drone's capability to be identified during the whole duration of the flight, in real time and with no specific connectivity or ground infrastructure link, by existing mobile devices when within the broadcasting range. Such functionality, based on an open and documented transmission protocol (described in this document) contributes to address security threats and to support drones' operators' obligations with respect to citizens' fundamental rights to privacy and protection of personal data. It can be used by law enforcement people, critical infrastructure managers, and public to get an instantaneous information on the drone flying around, providing various information such as UA serial number, UA navigation data and operational status, UAS Operator registration number and position as defined in the Delegated Regulation (EU) 2019/945. Since Regulation (EU) 2019/945 requires DRI information to be broadcasted using an "open and documented protocol", this document does not define technological measures to protect the confidentiality and integrity of the data broadcasted.

Keel: en

Alusdokumendid: EN 4709-002:2023

EVS-EN 4842:2023

Aerospace series - Steel X5CrNiCu15-5 (1.4545) - Consumable electrode remelted (ESR or VAR) - Solution treated and precipitation treated (H1025) - Bars for machining - a or D ≤ 250 mm - 1 070 MPa ≤ Rm ≤ 1 200 MPa - Premium quality (pq)

This document specifies the requirements relating to: Steel X5CrNiCu15-5 (1.4545) Consumable electrode remelted (ESR or VAR) Solution treated and precipitation treated (H1025) Bars for machining a or D ≤ 250 mm 1 070 MPa ≤ Rm ≤ 1 200 MPa Premium quality (pq) for aerospace applications. NOTE Other designation: The ASD-STAN designation of this material is FE-PM1802. Only the chemical composition of this document are to be considered.

Keel: en

Alusdokumendid: EN 4842:2023

Asendab dokumenti: EVS-EN 4842:2019

EVS-EN 4868:2023

Aerospace series - Anodic electrodeposition of hexavalent chromium free primer

This document defines the requirements for hexavalent chromium free anodic electrodeposition of organic coatings on aluminium and aluminium alloys for corrosion protection of parts. The purpose of this document is to give design, quality and manufacturing requirements. It does not give complete in-house process instructions; these are given in the processors detailed process instructions.

Keel: en

Alusdokumendid: EN 4868:2023

Asendab dokumenti: EVS-EN 4868:2019

EVS-EN 4905:2023

Aerospace series - Passive UHF RFID for airborne use

This document is applicable to new manufactured tags after publication of this document. This document aims to: - provide specification for RFID tag manufacturers to design and manufacture passive UHF RFID tags for the aeronautical industry; - identify required performances for UHF RFID tags in order to be read/written during ground operations only, while being subject to the global flight environment; - identify functional and environmental validation tests to be performed on passive UHF RFID tags with associated pass/fail criteria as well as associated test methods; - check functionalities and resistance to environment for airborne passive UHF RFID tags. This document does not apply to: - the reader (interrogator – readers). It will be addressed appropriately by individual applicants; - active RFID devices or battery assisted passive (BAP) RFID devices; - RFID tags designed to operate outside the 860 MHz to 960 MHz frequency range.

Keel: en

Alusdokumendid: EN 4905:2023

Asendab dokumenti: EVS-EN 4817:2012

EVS-EN 4906:2023

Aerospace series - Embedded tags - Choice of fixation for installation, removal and replacement of embedded tags

This document is applicable in the aeronautical domain to on-board parts and to equipment intended to be embedded or positioned on any civil or military airborne vehicle with a type certificate. The purpose of this document is to guide design, manufacturing, maintenance and operations organizations in the installation, removal and replacement of RFID tags (UHF and HF) and Contact

Memory Buttons (CMB), according to the environments defined in RTCA DO-160/EUROCAE ED-14 and according to the type of support and the expected fixation performances. This guide will provide help in the specification of the tag installation/removal functions and/or will enable the solutions on offer from tag suppliers to be enhanced. The term "tag" used in this document covers all the tags used to store electronic data, including RFID tags and CMB tags. As a reminder, the tags can also contain information that can be read by devices other than RFID or CMB readers (e.g. bar codes - Data Matrix, QR codes, etc., and/or alphanumeric characters) and information that can be read by the naked eye without any tools (human-readable).

Keel: en

Alusdokumendid: EN 4906:2023

EVS-EN 9722:2023

Aerospace series - Architecture for integrated management of a system's health condition

This recommendation is mainly aimed at all the trades which are actively involved in managing the health of a system. Although it relies on examples of aeronautical systems, the expert group considers that these general recommendations are of interest for systems from other areas.

Keel: en

Alusdokumendid: EN 9722:2023

65 PÕLLUMAJANDUS

CEN/TR 17989:2023

Electronic cigarettes and e-liquids - Terms and definitions

This document defines terms, symbols and units of measurement related to electronic cigarettes and e-liquids in order to harmonize the terminology.

Keel: en

Alusdokumendid: CEN/TR 17989:2023

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 14944-1:2023

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

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

Keel: en

Alusdokumendid: EN 14944-1:2023

Asendab dokumenti: EVS-EN 14944-1:2006

71 KEEMILINE TEHNOLOOGIA

EVS-EN 1405:2023

Chemicals used for treatment of water intended for human consumption - Sodium alginate

This document is applicable to sodium alginate used for treatment of water intended for human consumption. It describes the characteristics of sodium alginate and specifies the requirements and the corresponding test methods for sodium alginate. It gives information on their use in water treatment.

Keel: en

Alusdokumendid: EN 1405:2023

Asendab dokumenti: EVS-EN 1405:2009

EVS-EN 1407:2023

Chemicals used for treatment of water intended for human consumption - Anionic and non-ionic polyacrylamides

This document is applicable to anionic and non-ionic polyacrylamides used for treatment of water intended for human consumption. It describes the characteristics of anionic and non-ionic polyacrylamides and specifies the requirements and the corresponding test methods for anionic and non-ionic polyacrylamides. It gives information on their use in water treatment.

Keel: en

Alusdokumendid: EN 1407:2023

Asendab dokumenti: EVS-EN 1407:2008

EVS-EN 1408:2023

Chemicals used for treatment of water intended for human consumption - Poly(diallyldimethylammonium chloride)

This document is applicable to poly(diallyldimethylammonium chloride) used for treatment of water intended for human consumption. It describes the characteristics of poly(diallyldimethylammonium chloride) and specifies the requirements and the corresponding test methods for poly(diallyldimethylammonium chloride). It gives information on their use in water treatment.

Keel: en

Alusdokumendid: EN 1408:2023

Asendab dokumenti: EVS-EN 1408:2008

EVS-EN 1409:2023

Chemicals used for water treatment intended for human consumption - Polyamines

This document is applicable to polyamines used for treatment of water intended for human consumption. It describes the characteristics of polyamines and specifies the requirements and the corresponding test methods for polyamines. It gives information on their use in water treatment.

Keel: en

Alusdokumendid: EN 1409:2023

Asendab dokumenti: EVS-EN 1409:2008

EVS-EN 1410:2023

Chemicals used for treatment of water intended for human consumption - Cationic polyacrylamides

This document is applicable to cationic polyacrylamides used for treatment of water intended for human consumption. It describes the characteristics of cationic polyacrylamides and specifies the requirements and the corresponding test methods for cationic polyacrylamides. It gives information on their use in water treatment.

Keel: en

Alusdokumendid: EN 1410:2023

Asendab dokumenti: EVS-EN 1410:2008

EVS-EN 17813:2023

Environmental solid matrices - Determination of halogens and sulfur by oxidative pyrohydrolytic combustion followed by ion chromatography

This document specifies an empirical method for the simultaneous direct determination of the fluorine, chlorine, bromine, and sulfur content in environmental solid matrices by oxidative pyrohydrolytic combustion at $(1\ 050 \pm 50)$ °C, followed by ion chromatography. The method is applicable for the determination of concentrations ≥ 10 mg/kg of each element based on dry matter. The upper limit and exact concentration range covered depends on the blank levels of the instrumentation and the capacity of the chromatographic separation column used for determination. NOTE 1 Simultaneous determination of iodine content is possible but currently not validated. NOTE 2 Other detection methods can be applied if validated.

Keel: en

Alusdokumendid: EN 17813:2023

EVS-EN 17891:2023

Conservation of cultural heritage - Desalination of porous inorganic materials by poultices

This document specifies a methodology applying poultices for the desalination of porous substrate constituting cultural heritage. The desalination methodology can be applied: - to salt-loaded porous inorganic materials affected by salt weathering, and/or - to allow conservation treatments incompatible with soluble salt(s) contamination, or - to prevent salt damage where contamination is known to be present. In all cases the desalination aims to decrease the salt content. Furthermore, this document gives the fundamental requirements for the desalination operation and guidelines for the choice of the most appropriate poultice components according to the characteristics of the substrate and types/quantities of salt(s) present in order to optimize the desalination process.

Keel: en

Alusdokumendid: EN 17891:2023

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 16906:2023

Liquid petroleum products - Determination of the ignition quality of diesel fuels - Fixed compression ratio engine method

This document specifies a test method for the determination of cetane numbers ("CN") of diesel fuels, using a standard single cylinder, four-stroke cycle, indirect injection engine. The cetane number provides a measure of the ignition characteristics of diesel fuels in compression ignition engines. The cetane number is determined at constant speed in a compression ignition test engine equipped with a swirl chamber. The cetane number scale covers the range from 0 to 100, but typical testing is performed in the CN range from about 40 to about 75. The precision of this test method covers the CN range from 44 to about 66. This document is applicable to distillate as well as paraffinic diesel fuels intended for use in diesel engines, including those containing up to a volume fraction of 10 % fatty-acid methyl esters (FAME), ignition-improvers or other diesel fuel additives. When this engine test

procedure is used for other fuels such as synthetics and vegetable oils, samples with fuel properties that interfere with the gravity-based pre-supply pressure to the fuel pump e.g. due to high viscosity can only be used to a limited extent. Precision data for such fuels are not available at this stage. NOTE The test method is also suitable for determining cetane numbers outside the range of the scope; however, the precision statement only applies for fuels in the specified range. WARNING - The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this document to take appropriate measures to ensure the safety and health of personnel prior to application of the document, and fulfil statutory and regulatory requirements for this purpose.

Keel: en

Alusdokumendid: EN 16906:2023

Asendab dokumenti: EVS-EN 16906:2017

EVS-EN ISO 12736-1:2023

Oil and gas industries including lower carbon energy - Wet thermal insulation systems for pipelines and subsea equipment - Part 1: Validation of materials and insulation systems (ISO 12736-1:2023)

This document specifies requirements for the validation of wet thermal insulation systems applied to pipelines and subsea equipment in the oil and gas industry. This document is applicable to wet thermal insulation systems submerged in seawater. This document is not applicable to: — maintenance works on existing installed wet thermal insulation systems; — qualification for anti-corrosion coating; — thermal insulation in the annulus of a steel pipe-in-pipe system.

Keel: en

Alusdokumendid: ISO 12736-1:2023; EN ISO 12736-1:2023

Asendab dokumenti: EVS-EN ISO 12736:2015

EVS-EN ISO 12736-2:2023

Oil and gas industries including lower carbon energy - Wet thermal insulation systems for pipelines and subsea equipment - Part 2: Qualification processes for production and application procedures (ISO 12736-2:2023)

This document specifies requirements for project specific product and process qualification of wet thermal insulation systems applied to pipelines in a factory setting and subsea equipment in the oil and gas industries. This document is not applicable to: — pre-fabricated insulation; — thermal insulation in the annulus of a steel pipe-in-pipe system; — maintenance works on existing installed wet thermal insulation systems; — project qualification of anticorrosion coatings or the requirements for application thereof.

Keel: en

Alusdokumendid: ISO 12736-2:2023; EN ISO 12736-2:2023

Asendab dokumenti: EVS-EN ISO 12736:2015

EVS-EN ISO 12736-3:2023

Oil and gas industries including lower carbon energy - Wet thermal insulation systems for pipelines and subsea equipment - Part 3: Interfaces between systems, field joint system, field repairs and prefabricated insulation (ISO 12736-3:2023)

This document specifies requirements for project specific product and process qualification of field applied wet thermal insulation systems applied at interfaces (e.g. field joints) and pre-fabricated insulation in the petroleum and natural gas industries. This document is applicable to wet thermal insulation systems submerged in seawater. This document is not applicable to: — the project qualification of anticorrosion coatings or the requirements for application thereof; — thermal insulation in the annulus of a steel pipe-in-pipe system.

Keel: en

Alusdokumendid: ISO 12736-3:2023; EN ISO 12736-3:2023

Asendab dokumenti: EVS-EN ISO 12736:2015

EVS-EN ISO 13703-2:2023

Oil and gas industries including lower carbon energy - Piping systems on offshore platforms and onshore plants - Part 2: Materials (ISO 13703-2:2023)

This document provides a set of unified requirements and specifications regarding material quality level and pre-qualification for piping material of seamless pipes, welded pipes, wrought fittings, plates, forgings, bars, castings and piping bolts/nuts used for piping systems in the oil and gas industry, both offshore and onshore. This document covers the following material grades: - C-Mn steel; - high strength steel; - austenitic stainless steels; - duplex stainless steels; - nickel alloy; - Cu-Ni alloy; - titanium alloy; - Cu-alloy.

Keel: en

Alusdokumendid: ISO 13703-2:2023; EN ISO 13703-2:2023

EVS-EN ISO 25457:2023

Oil and gas industries including lower carbon energy - Flare details for general refinery and petrochemical service (ISO 25457:2023)

ISO 25457:2008 specifies requirements and provides guidance for the selection, design, specification, operation and maintenance of flares and related combustion and mechanical components used in pressure relieving and vapour-depressurizing systems for

petroleum, petrochemical and natural gas industries. Although ISO 25457:2008 is primarily intended for new flares and related equipment, it can also be used in the evaluation of existing flare facilities. Further guidance and best practices are provided for the selection, specification and mechanical details for flares and on the design, operation and maintenance of flare combustion and related equipment. ISO 25457:2008 also includes a set of data sheets, together with instructions and guidelines, for use in communicating and recording design information.

Keel: en

Alusdokumendid: ISO 25457:2023; EN ISO 25457:2023

Asendab dokumenti: EVS-EN ISO 25457:2009

77 METALLURGIA

EVS-EN ISO 4545-1:2023

Metallic materials - Knoop hardness test - Part 1: Test method (ISO 4545-1:2023)

ISO 4545-1:2017 specifies the Knoop hardness test method for metallic materials for test forces from 0,009 807 N to 19,613 N. The Knoop hardness test is specified in this document for lengths of indentation diagonals $\geq 0,020$ mm. Using this method to determine Knoop hardness from smaller indentations is outside the scope of this document as results would suffer from large uncertainties due to the limitations of optical measurement and imperfections in tip geometry. ISO 14577-1 allows the determination of hardness from smaller indentations. A periodic verification method is specified for routine checking of the testing machine in service by the user. Special considerations for Knoop testing of metallic coatings can be found in ISO 4516.

Keel: en

Alusdokumendid: ISO 4545-1:2023; EN ISO 4545-1:2023

Asendab dokumenti: EVS-EN ISO 4545-1:2018

EVS-EN ISO 6507-1:2023

Metallic materials - Vickers hardness test - Part 1: Test method (ISO 6507-1:2023)

ISO 6507-1:2018 specifies the Vickers hardness test method for the three different ranges of test force for metallic materials including hardmetals and other cemented carbides.

Keel: en

Alusdokumendid: ISO 6507-1:2023; EN ISO 6507-1:2023

Asendab dokumenti: EVS-EN ISO 6507-1:2018

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN ISO 18755:2023

Fine ceramics (advanced ceramics, advanced technical ceramics) - Determination of thermal diffusivity of monolithic ceramics by flash method (ISO 18755:2022)

This document specifies the test method for the determination of thermal diffusivity from room temperature to at least 1 700 K by the flash method for homogeneous monolithic ceramics with porosity less than 10 %. Flash methods, like laser flash, are applicable to homogeneous isotropic materials with thermal diffusivity values ranging from 0,1 to 1 000 mm² s⁻¹ within the temperature range from approximately 100 K to 2 300 K. The method described in Annex G describes how to estimate, on the basis of the thermal diffusivity test, the specific heat capacity and the thermal conductivity of homogeneous monolithic ceramics with porosity less than 10 %.

Keel: en

Alusdokumendid: ISO 18755:2022; EN ISO 18755:2023

Asendab dokumenti: EVS-EN 821-2:2000

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 12608-2:2023

Unplasticized poly(vinyl chloride) (PVC-U) profiles for the fabrication of windows and doors - Classification, requirements and test methods - Part 2: PVC-U profiles covered with foils bonded with adhesives

This document specifies the classifications, requirements and test methods for unplasticized poly(vinyl chloride) (PVC-U) profiles covered with foils designed for external uses bonded with adhesives which are intended to be used for the fabrication of windows and doors. NOTE 1 For editorial reasons, in this document, the term "window" is used for window/door. NOTE 2 For the purpose of production control, test methods other than those specified in this document can be used.

Keel: en

Alusdokumendid: EN 12608-2:2023

EVS-EN ISO 14126:2023

Fibre-reinforced plastic composites - Determination of compressive properties in the in-plane direction (ISO 14126:2023)

This document specifies methods for determining the compressive properties, in directions parallel to the plane of lamination, of fibre-reinforced plastic composites, based on thermosetting or thermoplastic matrices. The compressive properties are of interest for specifications and quality-control purposes. The test specimens are machined from a flat test plate, or from suitable finished

or semi-finished products. Two loading methods and two types of specimen are described. The loading methods are: — Method 1: provides shear loading of the specimen (gauge length unsupported) — Method 2: provides combined loading of the specimen (gauge length unsupported) NOTE For tabbed specimens loaded using method 2, load is transferred through a combination of end-loading and shear-loading through the tabs. The specimen designs are: — Type A specimen: rectangular cross-section, fixed thickness, end-tabbed (mainly for aerospace style prepregates (~ 0,125 mm ply thickness) — Type B specimen: rectangular cross-section, range of thicknesses, untabbed or end-tabbed, two specimen sizes are available (B1 and B2). The Type A specimen is used for unidirectionally or biaxially reinforced materials tested in the fibre direction, where the fibres are normally either aligned continuous or aligned long (>7,5 mm) discontinuous. The Type B1 and B2 specimens are used for multi-directional aligned; mat, fabric and other multi-directionally reinforced materials where the fibre structure is more complex and/or coarser. This document gives criteria for checking that the combination of test method and specimen design result in valid failures. It is noted that alternative test method/specimen combinations will not necessarily give the same result. The methods specify required dimensions for the specimen. Tests carried out on specimens of other dimensions, or on specimens that are prepared under different conditions, can produce results that are not comparable. Other factors, such as the speed of testing, the support fixture used and the conditioning of the specimens, can influence the results.

Keel: en

Alusdokumendid: ISO 14126:2023; EN ISO 14126:2023

Asendab dokumenti: EVS-EN ISO 14126:2000

Asendab dokumenti: EVS-EN ISO 14126:2000/AC:2013

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 11997-3:2023

Paints and varnishes - Determination of resistance to cyclic corrosion conditions - Part 3: Testing of coating systems on materials and components in automotive construction (ISO 11997-3:2022)

This document specifies a method based on a cyclic corrosion test for testing the corrosion protection of automobiles using coating systems on aluminium, steel or galvanized steel. The test method uses corrosive conditions (temperature and humidity ramps and salt spray) to create realistic corrosion patterns. These corrosion patterns are typical for automobiles, and they are comparable in the case of sufficiently similar protective coating systems. In particular, the accelerated test investigates the delamination/corrosion creep that results from defined artificial damage to a coating. Investigations of surface and edge corrosion or investigations of adhesive specimens or components are also covered. This cyclic corrosion test is also suitable for testing corrosion in flanged areas or near gaps. This document was developed for the assessment of coated substrates (test specimens, bodywork and mounted parts) in the automotive industry. Other applications, such as components with unpainted metallic coatings, were not part of the scope of the standardization work. This document was originally developed for coating systems on aluminium, steel or galvanized steel but it can also be used for the assessment of the corrosion resistance of coating systems on other metals and their alloys.

Keel: en

Alusdokumendid: ISO 11997-3:2022; EN ISO 11997-3:2023

EVS-EN ISO 4628-6:2023

Paints and varnishes - Evaluation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 6: Assessment of degree of chalking by tape method (ISO 4628-6:2023)

ISO 4628-6:2011 provides pictorial reference standards for designating the degree of chalking of paint coatings. It also describes a method by which the degree of chalking is rated.

Keel: en

Alusdokumendid: ISO 4628-6:2023; EN ISO 4628-6:2023

Asendab dokumenti: EVS-EN ISO 4628-6:2011

91 EHITUSMATERJALID JA EHITUS

CEN/TS 1455-2:2023

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Acrylonitrile-butadiene-styrene (ABS) - Part 2: Assessment of conformity

This document gives guidance for specifying requirements for the AoC of compounds/formulation, products, joints and assemblies in accordance with the applicable part of EN 1455 intended to be included in the manufacturer's quality plan as part of the quality management system and for the establishment of certification procedures. NOTE A basic test matrix provides an overview of the testing scheme in Annex A. In conjunction with EN 1455-1 (see European foreword), this document is applicable to solid wall piping systems made of acrylonitrile-butadiene-styrene (ABS) intended to be used for soil and waste discharge (low and high temperature): - inside buildings (application area code "B"); - both inside buildings and buried in ground within the building structure (application area code "BD").

Keel: en

Alusdokumendid: CEN/TS 1455-2:2023

Asendab dokumenti: CEN/TS 1455-2:2012

CEN/TS 1566-2:2023

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Chlorinated poly(vinyl chloride) (PVC-C) - Part 2: Assessment of conformity

This document gives guidance for specifying requirements for the AoC of compounds/formulations, products, joints and assemblies in accordance with the applicable part of EN 1566 intended to be included in the manufacturer's quality plan as part of the quality management system and for the establishment of certification procedures. NOTE A basic test matrix provides an overview of the testing scheme in Annex A. In conjunction with EN 1566 1 (see European foreword), this document is applicable to solid-wall piping systems made of chlorinated poly(vinyl chloride) (PVC C) intended to be used for or soil and waste discharge systems (low and high temperature): - inside buildings (application area code "B"); - for both inside buildings and buried in ground within the building structure (application area code "BD").

Keel: en

Alusdokumendid: CEN/TS 1566-2:2023

Asendab dokumenti: CEN/TS 1566-2:2012

EVS-EN 12608-2:2023

Unplasticized poly(vinyl chloride) (PVC-U) profiles for the fabrication of windows and doors - Classification, requirements and test methods - Part 2: PVC-U profiles covered with foils bonded with adhesives

This document specifies the classifications, requirements and test methods for unplasticized poly(vinyl chloride) (PVC-U) profiles covered with foils designed for external uses bonded with adhesives which are intended to be used for the fabrication of windows and doors. NOTE 1 For editorial reasons, in this document, the term "window" is used for window/door. NOTE 2 For the purpose of production control, test methods other than those specified in this document can be used.

Keel: en

Alusdokumendid: EN 12608-2:2023

EVS-EN 13049:2023

Windows and doors - Soft and heavy body impact - Test method, safety requirements and classification

This document specifies the test method, safety requirements and classification when determining the effect on a complete window or pedestrian doorset impacted with a soft and heavy body. Any secondary moving sashes, casements, leaves, mullions, transoms, T-connectors or fixed lights which can be mounted internally to the main casements or sashes, are intended to also be similarly tested and evaluated for the classification for the complete product. The test applies to all types of infill of whatever materials including glass. It is not intended to classify the strength of the glass when used as an infill. It is intended to assess the interactions between all components of a window with particular regard to safety in use. It is also applicable to assess the ability of a doorset to keep in place glazed parts. NOTE 1 The test method is aimed for glazed pedestrian doorsets with injury risk, but can also be used for other types of pedestrian doorsets if requested by the client. NOTE 2 The test has been devised to suit all window or pedestrian doorset types, configurations and materials. NOTE 3 For the classification of glass see EN 12600.

Keel: en

Alusdokumendid: EN 13049:2023

Asendab dokumenti: EVS-EN 13049:2003

EVS-EN 13416:2023

Flexible sheets for waterproofing - Bitumen, plastic and rubber sheets for roof waterproofing - Rules for sampling

This document specifies the general rules how to select the samples of correctly stored and handled samples of uninstalled bitumen, plastic or rubber sheets for waterproofing. It also specifies the procedures to be followed before the test piece is cut from the sample.

Keel: en

Alusdokumendid: EN 13416:2023

Asendab dokumenti: EVS-EN 13416:2002

EVS-EN ISO 11855-3:2021/A1:2023

Building environment design - Embedded radiant heating and cooling systems - Part 3: Design and dimensioning - Amendment 1 (ISO 11855-3:2021/Amd 1:2023)

Amendment to EN ISO 11855-3:2021

Keel: en

Alusdokumendid: ISO 11855-3:2021/Amd 1:2023; EN ISO 11855-3:2021/A1:2023

Muudab dokumenti: EVS-EN ISO 11855-3:2021

EVS-EN ISO 11855-4:2021/A1:2023

Building environment design - Embedded radiant heating and cooling systems - Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity of Thermo Active Building Systems (TABS) - Amendment 1 (ISO 11855-4:2021/Amd 1:2023)

Amendment to EN ISO 11855-4:2021

Keel: en

Alusdokumendid: ISO 11855-4:2021/Amd 1:2023; EN ISO 11855-4:2021/A1:2023

Muudab dokumenti: EVS-EN ISO 11855-4:2021

EVS-EN ISO 25745-2:2015/A1:2023

Energy performance of lifts, escalators and moving walks - Part 2: Energy calculation and classification for lifts (elevators) - Amendment 1: Express zones (ISO 25745-2:2015/Amd 1:2023)

Amendment to EN ISO 25745-2:2015

Keel: en

Alusdokumendid: ISO 25745-2:2015/Amd 1:2023; EN ISO 25745-2:2015/A1:2023

Muudab dokumenti: EVS-EN ISO 25745-2:2015

93 RAJATISED

EVS-EN 13232-1:2023

Railway applications - Track - Switches and crossings for Vignole rails - Part 1: Definitions

This European Standard provides an accepted "terminology" for switch and crossing work. With the assistance of diagrams, the various components are given definitions, and these specific names are regarded as obligatory. The definitions cover the constituent parts and design geometry of switch and crossing work, and include the movement of switches. Additional terminology of a more specific nature will be defined in the relevant part of the series. The present definitions set out the terms most generally used for the geometrical form and the construction of switches and crossings, omitting those of too special a nature.

Keel: en

Alusdokumendid: EN 13232-1:2023

Asendab dokumenti: EVS-EN 13232-1:2003

EVS-EN 13232-2:2023

Raudteelased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 2: Geomeetrilise konstruktsiooni nõuded

Railway applications - Track - Switches and crossings for Vignole rails - Part 2: Requirements for geometric design

This document: — establishes the design process for switches and crossings (S&C), and the use of the other parts of this standard; — specifies the geometric design principles for wheel guidance; — establishes the basic limits of supply; — establishes the applied forces and their adequate support; — specifies tolerance levels. These are illustrated herein by application to a turnout. The main switch and crossing components are represented in turnouts and the principles used in turnouts apply equally to more complex layouts.

Keel: en

Alusdokumendid: EN 13232-2:2023

Asendab dokumenti: EVS-EN 13232-2:2003+A1:2011

EVS-EN 13232-3:2023

Raudteelased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 3: Nõuded ratta ja rööpa vahelisele koostoimele

Railway applications - Track - Switches and crossings for Vignole rails - Part 3: Requirements for wheel/rail interaction

This document defines the main wheel/track interaction criteria to be taken into account during the geometrical design of railway switches and crossings (S&C) layouts. It specifies: — characterization of wheel and track dimensions; — geometric design principles for wheel guidance; — design principles for wheel load transfer; — whether movable crossings are needed. These are illustrated by their application to turnout components: — switches; — crossings; — check rails, but the principles apply equally to more complex units. There are also simplified definitions of the safety and functional dimensions, which can be used in conjunction with the general principles as the basis for more in-depth assessment.

Keel: en

Alusdokumendid: EN 13232-3:2023

Asendab dokumenti: EVS-EN 13232-3:2003+A1:2011

EVS-EN 13232-4:2023

Raudteelased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 4: Käitamine, lukustamine ja tuvastamine

Railway applications - Track - Switches and crossings for Vignole rails - Part 4: Actuation, locking and detection

This document determines the interface between moveable parts and the actuation, locking and detection equipment, and defines the basic criteria for switches and crossing with moveable parts in respect of the interface. It concerns: — rules, parameters and tolerances for alternative positions of the moveable parts; — criteria and limits for the forces which move and restrain the moveable parts.

Keel: en
Alusdokumendid: EN 13232-4:2023
Asendab dokumenti: EVS-EN 13232-4:2005+A1:2011

EVS-EN 13232-5:2023

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 5: Pöörmed Railway applications - Track - Switches and crossings for Vignole rails - Part 5: Switches

This document: — establishes a working definition for switches and their constituent parts and identify the main types; — specifies the minimum requirements for the manufacture of the switches and/or constituent parts; — specifies codes of practice for inspection and manufacturing tolerances of both full and half sets of switches and their constituent parts; — establishes the limits and scope of supply; — lists the methods by which switches and their parts should be identified and traced; — lists the different and varying ways by which switches can be described using the following parameters: — geometry of the switches; — types of construction; — performance requirements; — design criteria; — tolerances and inspection.

Keel: en
Alusdokumendid: EN 13232-5:2023
Asendab dokumenti: EVS-EN 13232-5:2005+A1:2011

EVS-EN 13232-6:2023

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 6: Jäigad teravnurksed ja tõmbid ristirööpad Railway applications - Track - Switches and crossings for Vignole rails - Part 6: Fixed common and obtuse crossings

This document: — Establish a working terminology for fixed crossings and their constituent parts, and identifies the main types; — specifies the different and varying ways by which crossings can be described using the following parameters: — geometry of the crossing; — types of construction; — design criteria; — manufacturing processes; — tolerances and inspection.

Keel: en
Alusdokumendid: EN 13232-6:2023
Asendab dokumenti: EVS-EN 13232-6:2005+A1:2011

EVS-EN 13232-7:2023

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 7: Liikuvate osadega ristirööpad Railway applications - Track - Switches and crossings for Vignole rails - Part 7: Crossings with moveable parts

This document: — establishes a working terminology for crossings with moveable parts, which means crossings with moveable parts to close the gap of the running edge, and their constituent parts, and identify the main types; — lists the minimum requirements for the manufacture of crossings with moveable parts and/or their constituent parts; — formulates codes of practice for factory inspection and tolerances for crossings with moveable parts and/or their constituent parts; — establishes the limits and extent of supply; — lists the method by which crossings with moveable parts and their constructional parts should be identified; — lists the different and varying ways by which crossings with moveable parts can be described, using the following parameters: — geometry of crossings; — types of construction; — performance requirements; — design criteria; — tolerances and inspection.

Keel: en
Alusdokumendid: EN 13232-7:2023
Asendab dokumenti: EVS-EN 13232-7:2006+A1:2011

EVS-EN 13232-8:2023

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 8: Pikenemiskompensaatorid Railway applications - Track - Switches and crossings for Vignole rails - Part 8: Expansion devices

This part of EN 13232 covers the following subjects: to establish a working terminology for expansion devices, for their constituent parts and for the types; to specify the minimum manufacturing requirements for expansion devices and their constituent parts; to formulate codes of practice for inspection and tolerances; to define the method by which expansion devices and their parts should be identified and traced.

Keel: en
Alusdokumendid: EN 13232-8:2023
Asendab dokumenti: EVS-EN 13232-8:2007+A1:2011

EVS-EN 13232-9:2023

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 9: Pöörmerajatised Railway applications - Track - Switches and crossings for Vignole rails - Part 9: Layouts

The scope of this part is: - to describe the design process of switches and crossings, and the use of the other parts of this standard; - to define the main criteria to be taken into account during the design of the layout, including the safety and functional dimensions as well as geometrical and material aspects; - to define the main criteria to be verified during the design approval; - to define the geometrical and non-geometrical acceptance criteria for inspection of layouts assembled both in the fabrication plant

and at track site in case of layouts that are delivered non or partially assembled or in a "kit" form; - to determine the limits of supply; - to define the minimum requirements for traceability. This European Standard applies only to layouts that are assembled in the manufacturing plant or that are assembled for the first time at trackside. Other aspects such as installation and maintenance also influence performance; these are not considered as part of this European Standard.

Keel: en

Alusdokumendid: EN 13232-9:2023

Asendab dokumenti: EVS-EN 13232-9:2006+A1:2011

EVS-EN 16272-3-1:2023

Railway applications - Infrastructure - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 3-1: Normalized railway noise spectrum and single number ratings for diffuse sound field applications

This document specifies a normalized railway noise spectrum for the evaluation and assessment of the acoustic performance of devices designed to reduce airborne railway noise near railways. All noise reducing devices different from noise barriers and related devices acting on airborne sound propagation, e.g. devices for attenuation of ground borne vibration and on board devices are outside of the scope of this document.

Keel: en

Alusdokumendid: EN 16272-3-1:2023

Asendab dokumenti: EVS-EN 16272-3-1:2012

EVS-EN 16272-3-2:2023

Railway applications - Infrastructure - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 3-2: Normalized railway noise spectrum and single number ratings for direct sound field applications

This document specifies a normalized railway noise spectrum for the evaluation and assessment of the acoustic performance of devices designed to reduce airborne railway noise near railways. All noise reducing devices different from noise barriers and related devices acting on airborne sound propagation, e.g. devices for attenuation of ground borne vibration and on board devices are outside of the scope of this document.

Keel: en

Alusdokumendid: EN 16272-3-2:2023

Asendab dokumenti: EVS-EN 16272-3-2:2014

EVS-EN 17636:2023

Railway applications - Infrastructure - Track alignment design parameters - Urban rail

This document specifies rules and limits for track alignment design parameters, including alignments within switches and crossings. Several of these limits are functions of speed. Alternatively, for a given track alignment, it specifies rules and limits that determine permissible speed with regards to track alignment. This document applies to urban or suburban rail networks for passenger services not integrated with the national network. Sections of urban or suburban rail networks integrated in the national rail networks are not covered by this document. They are covered by EN 13803 (or for nominal track gauges smaller than 1 435 mm by national alignment rules). For the purpose of this document, urban or suburban rail networks include: - Networks designed for own right of way and segregated from general road and pedestrian traffic, and - Networks (partly) not segregated from general road and pedestrian traffic, with shared lanes. This document applies to rail systems with steel wheels running on steel vignole or grooved rails. Rail systems with specific construction issues (e.g. rack railways, funicular railways and other types of cable drawn rail systems) are not covered by this document. This document defines the parameters, rules and limits for nominal track gauges of 1 435 mm and 1 000 mm with permissible speeds up to 120 km/h. For other nominal track gauges, this document defines conversion rules which shall be used to define the limits.

Keel: en

Alusdokumendid: EN 17636:2023

97 OLME. MEELELAHUTUS. SPORT

CEN/TS 17973:2023

Safety of toys - Categorization of slime type materials

This document specifies a test method for categorization of slime-type products to support users of EN 71-3 in the categorization of products with slime-like behaviour into material categories 1 (dry, brittle, powder-like or pliable toy material) or 2 (liquid or sticky toy material).

Keel: en

Alusdokumendid: CEN/TS 17973:2023

EVS-EN 1176-1:2017+A1:2023

Mänguväljaku seadmed ja aluspinnakate. Osa 1: Üldised ohutusnõuded ja katsemeetodid Playground equipment and surfacing - Part 1: General safety requirements and test methods

See standardi EN 1176 osa määrab kindlaks üldised ohutusnõuded püsivalt paigaldatud avalikele mänguväljakutele ja nende aluspinnakattele. Täiendavad nõuded mänguväljaku seadmete eri osadele määratakse kindlaks järgnevates selle standardi osades. See standardi EN 1176 osa käsitleb mänguväljaku seadmeid kõigile lastele. See on koostatud täielikus teadmises järelevalve vajadusest väikelaste ja vähem võimekate või vähem oskajate laste üle. Standardi EN 1176 selle osa eesmärgiks on tagada ohutuse sobiv tase mängimisel mänguväljaku seadmete peal, nende sees või ümber ja samaaegselt soodustada tegevusi ning omadusi, mis teadaolevalt tulevad lastele kasuks, kuna pakuvad väärtuslikke kogemusi, mis võimaldavad neil toime tulla olukordadega väljaspool mänguväljakut. See standardi EN 1176 osa on rakendatav mänguväljaku seadmetele, mis on mõeldud lastele nii individuaalseks kui ka ühiskasutamiseks. See on samuti rakendatav seadmetele ja nende osadele, mis on paigaldatud laste mänguväljaku seadmetena, ehkki nad ei ole selleks otstarbeks valmistatud, välja arvatud need, mis on määratletud mänguasjadena standardis EN 71 ning mänguasjade ohutuse direktiivis. See ei ole rakendatav seiklusväljakutele, erandiga nende osadele, mis on hangitud kaubandusvõrgust. MÄRKUS Seiklusväljakud on piiretega ümbritsetud turvatud mänguväljakud, mis tegutsevad ja on mehitatud vastavalt üldtunnustatud põhimõtetele, mis ergutavad laste arengut, ning mis sageli kasutavad omavalmistatud seadmeid. See standardi EN 1176 osa määrab kindlaks nõuded, mis kaitsevad last ohtude eest, mida ta võib olla mitte võimeline ette nägema, kasutades seadmeid ettenähtud viisil või viisil, mida saab põhjendatult ette näha. Elektrivoolu kasutamine mänguseadmetes, kas mängutegevuses või liikumapaneva jõuna, jääb väljapoole selle standardi käsitusala. Kasutajate tähelepanu pööratakse Euroopa ja kohalikele rahvuslikele standarditele ja eeskirjadele, mida tuleb elektrivoolu kasutades järgida. Mänguseadmed, mis on paigaldatud vette ning kus vett saab vaadelda kui lööki nõrgendavat aluspinnakatet, ei ole selle standardiga täielikult hõlmatud, ning märja keskkonnaga kaasnevad täiendavad riskid. See standard ei hõlma UV-kiirguse ülemääraste tasemete riski.

Keel: en, et

Alusdokumendid: EN 1176-1:2017+A1:2023

Asendab dokumenti: EVS-EN 1176-1:2017

Asendab dokumenti: EVS-EN 1176-1:2017/AC:2018

Asendab dokumenti: EVS-EN 1176-1:2017/AC:2020

EVS-EN 17531:2021+A1:2023

Reporting in support of supervision of online gambling services by the gambling regulatory authorities of the Member States

The development of a European standard(s) on reporting by online gambling service operators and suppliers to the gambling regulatory authorities in the Member States for the purpose of supervision of online gambling services will specify the core data for reporting purposes, while ensuring integrity and security of the data as well as personal data protection. The requested European standard(s) will provide a voluntary tool to the gambling regulatory authorities in the Member States without prejudice to the scope of competence of Member States in the regulation of online gambling and without imposing any obligation on them to introduce reporting requirements or to authorize or deny authorization to any operators or suppliers

Keel: en

Alusdokumendid: EN 17531:2021+A1:2023

Asendab dokumenti: EVS-EN 17531:2021

EVS-EN 17891:2023

Conservation of cultural heritage - Desalination of porous inorganic materials by poultices

This document specifies a methodology applying poultices for the desalination of porous substrate constituting cultural heritage. The desalination methodology can be applied: - to salt-loaded porous inorganic materials affected by salt weathering, and/or - to allow conservation treatments incompatible with soluble salt(s) contamination, or - to prevent salt damage where contamination is known to be present. In all cases the desalination aims to decrease the salt content. Furthermore, this document gives the fundamental requirements for the desalination operation and guidelines for the choice of the most appropriate poultice components according to the characteristics of the substrate and types/quantities of salt(s) present in order to optimize the desalination process.

Keel: en

Alusdokumendid: EN 17891:2023

EVS-EN 60456:2016/A12:2023

Kodumajapidamises kasutatavad pesupesemismasinad. Toimivuse mõõtemetodid Clothes washing machines for household use - Methods of measuring the performance

Amendment to EN 60456:2016

Keel: en

Alusdokumendid: EN 60456:2016/A12:2023

Muudab dokumenti: EVS-EN 60456:2016

EVS-EN 60704-2-4:2012/A12:2023

Kodumajapidamises ja sarnastes oludes kasutatavad elektriseadmed. Katsenormid õhumüra määramiseks. Osa 2-4: Erinõuded pesumasinadele ja tsentrifuugidele Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-4: Particular requirements for washing machines and spin extractors

Amendment to EN 60704-2-4:2012

Keel: en

Alusdokumendid: EN 60704-2-4:2012/A12:2023

Muudab dokumenti: EVS-EN 60704-2-4:2012

EVS-EN IEC 60335-2-14:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-14: Erinõuded köögimasinatele Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines

This International Standard deals with the safety of electric kitchen machines for household and similar purposes, their rated voltage being not more than 250 V. NOTE 101 Examples of appliances that are within the scope of this standard are: bean slicers; berry-juice extractors; blenders; can openers; centrifugal juicers; churns; citrus-fruit squeezers; coffee mills not exceeding 500 g hopper capacity; cream whippers; egg beaters; food mixers; food processors; grain grinders not exceeding 3 l hopper capacity; graters; ice-cream machines, including those for use in refrigerators and freezers; knife sharpeners; knives; mincers; noodle makers; potato peelers; shredders; sieving machines; slicing machines.

Keel: en

Alusdokumendid: EN IEC 60335-2-14:2023; IEC 60335-2-14:2016

Asendab dokumenti: EVS-EN 60335-2-14:2006

Asendab dokumenti: EVS-EN 60335-2-14:2006/A1:2008

Asendab dokumenti: EVS-EN 60335-2-14:2006/A11:2012

Asendab dokumenti: EVS-EN 60335-2-14:2006/A11:2012/AC:2016

Asendab dokumenti: EVS-EN 60335-2-14:2006/A12:2016

EVS-EN IEC 62512:2020/A12:2023

Kodumajapidamises kasutatavad elektrilised rõivapesu- ja rõivakuivatusmasinad. Toimivuse mõõtemetodid

Electric clothes washer-dryers for household use - Methods of measuring the performance

Amendment to EN IEC 62512:2020

Keel: en

Alusdokumendid: EN IEC 62512:2020/A12:2023

Muudab dokumenti: EVS-EN IEC 62512:2020

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 13232-1:2003

Raudteelased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 1: Määratlused **Railway applications - Track - Switches and crossings - Part 1: Definitions**

Keel: en, et

Alusdokumendid: EN 13232-1:2003

Asendatud järgmise dokumendiga: EVS-EN 13232-1:2023

Standardi staatus: Kehtetu

EVS-EN 16905-1:2017

Gaasikütell töötavad endotermilise mootoriga soojuspumbad. Osa 1: Terminid ja määratlused **Gas-fired endothermic engine driven heat pumps - Part 1: Terms and definitions**

Keel: en

Alusdokumendid: EN 16905-1:2017

Asendatud järgmise dokumendiga: EVS-EN 16905-1:2023

Standardi staatus: Kehtetu

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

EVS-EN 16082:2011

Airport and aviation security services

Keel: en

Alusdokumendid: EN 16082:2011

Asendatud järgmise dokumendiga: EVS-EN 17483-2:2023

Standardi staatus: Kehtetu

EVS-EN 16747:2015

Maritime and port security services

Keel: en

Alusdokumendid: EN 16747:2015

Asendatud järgmise dokumendiga: EVS-EN 17483-3:2023

Standardi staatus: Kehtetu

EVS-EN 17531:2021

Reporting in support of supervision of online gambling services by the gambling regulatory authorities of the Member States

Keel: en

Alusdokumendid: EN 17531:2021

Asendatud järgmise dokumendiga: EVS-EN 17531:2021+A1:2023

Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN 61223-2-4:2016

Evaluation and routine testing in medical imaging departments - Part 2-4: Constancy tests - Hard copy cameras

Keel: en

Alusdokumendid: EN 61223-2-4:1994; IEC 61223-2-4:1994

Standardi staatus: Kehtetu

EVS-EN 14944-1:2006

Tsementi sisaldavate toodete mõju inimestele tarbimiseks mõeldud veele. Katsemeetodid. Osa 1: Tehases valmistatud tsementi sisaldavate toodete mõju organileptilistele omadustele
Influence of cementitious products on water intended for human consumption - Test methods - Part 1: Influence of factory made cementitious products on organoleptic parameters

Keel: en
Alusdokumendid: EN 14944-1:2006
Asendatud järgmise dokumendiga: EVS-EN 14944-1:2023
Standardi staatus: Kehtetu

EVS-EN 16082:2011

Airport and aviation security services

Keel: en
Alusdokumendid: EN 16082:2011
Asendatud järgmise dokumendiga: EVS-EN 17483-2:2023
Standardi staatus: Kehtetu

EVS-EN 16747:2015

Maritime and port security services

Keel: en
Alusdokumendid: EN 16747:2015
Asendatud järgmise dokumendiga: EVS-EN 17483-3:2023
Standardi staatus: Kehtetu

EVS-EN 45545-2:2020

Raudteealased rakendused. Raudteeveeremi tuleohutus. Osa 2: Nõuded materjalide ja komponentide käitumisele
Railway applications - Fire protection on railway vehicles - Part 2: Requirements for fire behavior of materials and components

Keel: en
Alusdokumendid: EN 45545-2:2020
Asendatud järgmise dokumendiga: EVS-EN 45545-2:2020+A1:2023
Standardi staatus: Kehtetu

EVS-EN 50194-1:2009

Elektriaparaadid põlevgaaside avastamiseks olmes. Osa 1: Katsetusmeetodid ja talitlusnõuded
Electrical apparatus for the detection of combustible gases in domestic premises -- Part 1: Test methods and performance requirements

Keel: en
Alusdokumendid: EN 50194-1:2009
Asendatud järgmise dokumendiga: EVS-EN 50194-1:2023
Standardi staatus: Kehtetu

EVS-EN 60335-2-14:2006

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-14: Erinõuded köögimasinatele
Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines

Keel: en
Alusdokumendid: IEC 60335-2-14:2006; EN 60335-2-14:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-14:2023
Muudetud järgmise dokumendiga: EN 60335-2-14:2006/prAD:2017
Muudetud järgmise dokumendiga: EVS-EN 60335-2-14:2006/A1:2008
Muudetud järgmise dokumendiga: EVS-EN 60335-2-14:2006/A11:2012
Muudetud järgmise dokumendiga: EVS-EN 60335-2-14:2006/A12:2016
Standardi staatus: Kehtetu

EVS-EN 60335-2-14:2006/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-14: Erinõuded köögimasinatele
Household and similar electrical appliances - Safety -- Part 2-14: Particular requirements for kitchen machines

Keel: en
Alusdokumendid: IEC 60335-2-14:2006/A1:2008; EN 60335-2-14:2006/A1:2008

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-14:2023
Standardi staatus: Kehtetu

EVS-EN 60335-2-14:2006/A11:2012

**Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-14: Erinõuded köögimasinatele
Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for
kitchen machines**

Keel: en
Alusdokumendid: EN 60335-2-14:2006/A11:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-14:2023
Parandatud järgmise dokumendiga: EVS-EN 60335-2-14:2006/A11:2012/AC:2013
Parandatud järgmise dokumendiga: EVS-EN 60335-2-14:2006/A11:2012/AC:2016
Standardi staatus: Kehtetu

EVS-EN 60335-2-14:2006/A11:2012/AC:2016

**Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-14: Erinõuded köögimasinatele
Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for
kitchen machines**

Keel: en
Alusdokumendid: EN 60335-2-14:2006/A11:2012/AC:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-14:2023
Standardi staatus: Kehtetu

EVS-EN 60335-2-14:2006/A12:2016

**Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-14: Erinõuded köögimasinatele
Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for
kitchen machines**

Keel: en
Alusdokumendid: EN 60335-2-14:2006/A12:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-14:2023
Standardi staatus: Kehtetu

EVS-EN ISO 17294-2:2016

**Vee kvaliteet. Induktiivsidestatud plasma massispektromeetria (ICP-MS) rakendamine. Osa 2:
Valitud elementide, kaasa arvatud Uraani isotoobid, määramine
Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 2:
Determination of selected elements including uranium isotopes (ISO 17294-2:2016)**

Keel: en, et
Alusdokumendid: ISO 17294-2:2016; EN ISO 17294-2:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 17294-2:2023
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÖTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 13523-23:2015

**Coil coated metals - Test methods - Part 23: Resistance to humid atmospheres containing
sulfur dioxide**

Keel: en
Alusdokumendid: EN 13523-23:2015
Asendatud järgmise dokumendiga: EVS-EN 13523-23:2023
Standardi staatus: Kehtetu

EVS-EN 16272-3-2:2014

**Railway applications - Track - Noise barriers and related devices acting on airborne sound
propagation - Test method for determining the acoustic performance - Part 3-2: Normalized
railway noise spectrum and single number ratings for direct field applications**

Keel: en
Alusdokumendid: EN 16272-3-2:2014
Asendatud järgmise dokumendiga: EVS-EN 16272-3-2:2023
Standardi staatus: Kehtetu

EVS-EN 60404-8-1:2015

Magnetic materials - Part 8-1: Specifications for individual materials - Magnetically hard materials

Keel: en

Alusdokumendid: IEC 60404-8-1:2015; EN 60404-8-1:2015

Asendatud järgmise dokumendiga: EVS-EN IEC 60404-8-1:2023

Standardi staatus: Kehtetu

EVS-EN ISO 10534-2:2002

Acoustics - Determination of sound absorption coefficient and impedance in impedances tubes - Part 2: Transfer-function method

Keel: en

Alusdokumendid: ISO 10534-2:1998; EN ISO 10534-2:2001

Asendatud järgmise dokumendiga: EVS-EN ISO 10534-2:2023

Standardi staatus: Kehtetu

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

CEN/TS 15427-1-2:2021

Railway applications - Wheel/Rail friction management - Part 1-2: Equipment and Application - Top of Rail materials

Keel: en

Alusdokumendid: CEN/TS 15427-1-2:2021

Asendatud järgmise dokumendiga: CEN/TS 15427-1-2:2023

Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

CEN/TS 1455-2:2012

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Acrylonitrilebutadiene-styrene (ABS) - Part 2: Guidance for the assessment of conformity

Keel: en

Alusdokumendid: CEN/TS 1455-2:2012

Asendatud järgmise dokumendiga: CEN/TS 1455-2:2023

Standardi staatus: Kehtetu

CEN/TS 1566-2:2012

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Chlorinated poly(vinyl chloride) (PVC-C) - Part 2: Guidance for assessment of conformity

Keel: en

Alusdokumendid: CEN/TS 1566-2:2012

Asendatud järgmise dokumendiga: CEN/TS 1566-2:2023

Standardi staatus: Kehtetu

EVS-EN ISO 2505:2005

Plastist torustiku- ja kanalisüsteemid. Termoplasttorud. Pikisuunalise taastumise kindlaksmääramine

Thermoplastics pipes - Longitudinal reversion - Test method and parameters

Keel: en

Alusdokumendid: ISO 2505:2005; EN ISO 2505:2005

Asendatud järgmise dokumendiga: EVS-EN ISO 2505:2023

Standardi staatus: Kehtetu

25 TOOTMISTEHNOLLOOGIA

EVS-EN 13523-23:2015

Coil coated metals - Test methods - Part 23: Resistance to humid atmospheres containing sulfur dioxide

Keel: en

Alusdokumendid: EN 13523-23:2015

Asendatud järgmise dokumendiga: EVS-EN 13523-23:2023

Standardi staatus: Kehtetu

EVS-EN 15085-2:2020

Raudteealased rakendused. Raudteeveeremi ja veeremidetailide keevitamine. Osa 2: Nõuded keevitustootjatele

Railway applications - Welding of railway vehicles and components - Part 2: Requirements for welding manufacturer

Keel: en, et

Alusdokumendid: EN 15085-2:2020

Asendatud järgmise dokumendiga: EVS-EN 15085-2:2020+A1:2023

Standardi staatus: Kehtetu

EVS-EN ISO 12736:2015

Petroleum and natural gas industries - Wet thermal insulation coatings for pipelines, flow lines, equipment and subsea structures (ISO 12736:2014)

Keel: en

Alusdokumendid: ISO 12736:2014; EN ISO 12736:2014

Asendatud järgmise dokumendiga: EVS-EN ISO 12736-1:2023

Asendatud järgmise dokumendiga: EVS-EN ISO 12736-2:2023

Asendatud järgmise dokumendiga: EVS-EN ISO 12736-3:2023

Standardi staatus: Kehtetu

EVS-EN ISO 9012:2011

Gaaskeevitusseadmed. Öhkaspireeritud käsijootepõletid. Tehnilised andmed ja katsetamine (ISO 9012:2008)

Gas welding equipment - Air-aspirated hand blowpipes - Specifications and tests (ISO 9012:2008)

Keel: en

Alusdokumendid: ISO 9012:2008; EN ISO 9012:2011

Asendatud järgmise dokumendiga: EVS-EN ISO 9012:2023

Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 16905-1:2017

Gaasikütell töötavad endotermilise mootoriga soojuspumbad. Osa 1: Terminid ja määratlused

Gas-fired endothermic engine driven heat pumps - Part 1: Terms and definitions

Keel: en

Alusdokumendid: EN 16905-1:2017

Asendatud järgmise dokumendiga: EVS-EN 16905-1:2023

Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 50195:2002

Code of practice for the safe use of fully enclosed askarel-filled electrical equipment

Keel: en

Alusdokumendid: EN 50195:1996

Standardi staatus: Kehtetu

EVS-EN 50216-1:2003

Power transformer and reactor fittings - Part 1: General

Keel: en

Alusdokumendid: EN 50216-1:2002

Standardi staatus: Kehtetu

EVS-EN 50588-2:2018

Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV - Part 2: Transformers with cable boxes on the high-voltage and/or low-voltage side - General requirements for transformers with rated power less than or equal to 3 150 kVA

Keel: en

Alusdokumendid: EN 50588-2:2018

Standardi staatus: Kehtetu

EVS-EN 50588-3:2018

Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV - Part 3: Transformers with cable boxes on the high-voltage and/or low-voltage side - Cable boxes type 1 for use on transformers meeting the requirements of EN 50588-2

Keel: en

Alusdokumendid: EN 50588-3:2018

Standardi staatus: Kehtetu

EVS-EN 50588-4:2018

Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV - Part 4: Transformers with cable boxes on the high-voltage and/or low-voltage side - Cable boxes type 2 for use on transformers meeting the requirements of EN 50588-2

Keel: en

Alusdokumendid: EN 50588-4:2018

Standardi staatus: Kehtetu

EVS-EN 60404-8-1:2015

Magnetic materials - Part 8-1: Specifications for individual materials - Magnetically hard materials

Keel: en

Alusdokumendid: IEC 60404-8-1:2015; EN 60404-8-1:2015

Asendatud järgmise dokumendiga: EVS-EN IEC 60404-8-1:2023

Standardi staatus: Kehtetu

EVS-EN 61462:2007

Composite hollow insulators - Pressurized and unpressurized insulators for use in electrical equipment with rated voltage greater than 1 000 V - Definitions, test methods, acceptance criteria and design recommendations

Keel: en

Alusdokumendid: IEC 61462:2007; EN 61462:2007

Asendatud järgmise dokumendiga: EVS-EN IEC 61462:2023

Standardi staatus: Kehtetu

EVS-EN 61800-5-1:2007

Reguleeritava kiirusega elektriajamisüsteemid. Osa 5-1: Ohutusnõuded. Elektrilised, soojuslikud ja energeetilised nõuded
Adjustable speed electrical power drive systems -- Part 5-1: Safety requirements - Electrical, thermal and energy

Keel: en

Alusdokumendid: IEC 61800-5-1:2007; EN 61800-5-1:2007

Asendatud järgmise dokumendiga: EVS-EN IEC 61800-5-1:2023

Konsolideeritud järgmise dokumendiga: EVS-EN 61800-5-1:2007+A1+A11:2021

Muudetud järgmise dokumendiga: EVS-EN 61800-5-1:2007/A1:2017

Muudetud järgmise dokumendiga: EVS-EN 61800-5-1:2007/A11:2021

Standardi staatus: Kehtetu

EVS-EN 61800-5-1:2007/A1:2017

Reguleeritava kiirusega elektriajamisüsteemid. Osa 5-1: Ohutusnõuded. Elektrilised, soojuslikud ja energeetilised nõuded
Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy

Keel: en

Alusdokumendid: IEC 61800-5-1:2007/A1:2016; EN 61800-5-1:2007/A1:2017

Asendatud järgmise dokumendiga: EVS-EN IEC 61800-5-1:2023

Konsolideeritud järgmise dokumendiga: EVS-EN 61800-5-1:2007+A1+A11:2021

Standardi staatus: Kehtetu

EVS-EN 61800-5-1:2007/A11:2021

Reguleeritava kiirusega elektriajamisüsteemid. Osa 5-1: Ohutusnõuded. Elektrilised, soojuslikud ja energeetilised nõuded
Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy

Keel: en

Alusdokumendid: EN 61800-5-1:2007/A11:2021
Asendatud järgmise dokumendiga: EVS-EN IEC 61800-5-1:2023
Konsolideeritud järgmise dokumendiga: EVS-EN 61800-5-1:2007+A1+A11:2021
Standardi staatus: Kehtetu

EVS-EN 61800-5-1:2007+A1+A11:2021

Reguleeritava kiirusega elektriajamisüsteemid. Osa 5-1: Ohutusnõuded. Elektrilised, soojuslikud ja energeetilised nõuded

Adjustable speed electrical power drive systems - Part 5- 1: Safety requirements - Electrical, thermal and energy (IEC 61800-5-1:2007 + IEC 61800-5-1:2007/A1:2016)

Keel: en

Alusdokumendid: IEC 61800-5-1:2007; EN 61800-5-1:2007; IEC 61800-5-1:2007/A1:2016; EN 61800-5-1:2007/A1:2017; EN 61800-5-1:2007/A11:2021

Asendatud järgmise dokumendiga: EVS-EN IEC 61800-5-1:2023

Standardi staatus: Kehtetu

EVS-EN 62223:2009

Insulators - Glossary of terms and definitions

Keel: en

Alusdokumendid: IEC 62223:2009; EN 62223:2009

Standardi staatus: Kehtetu

EVS-EN 62477-1:2012

Jõupooljuht-muundussüsteemide ja -muundusseadmete ohutusnõuded. Osa 1: Üldnõuded
Safety requirements for power electronic converter systems and equipment - Part 1: General

Keel: en

Alusdokumendid: IEC 62477-1:2012; EN 62477-1:2012

Asendatud järgmise dokumendiga: EVS-EN IEC 62477-1:2023

Konsolideeritud järgmise dokumendiga: EVS-EN 62477-1:2012+A11+A1+A12:2021

Muudetud järgmise dokumendiga: EVS-EN 62477-1:2012/A1:2017

Muudetud järgmise dokumendiga: EVS-EN 62477-1:2012/A11:2014

Muudetud järgmise dokumendiga: EVS-EN 62477-1:2012/A12:2021

Standardi staatus: Kehtetu

EVS-EN 62477-1:2012/A1:2017

Jõupooljuht-muundussüsteemide ja -muundusseadmete ohutusnõuded. Osa 1: Üldnõuded
Safety requirements for power electronic converter systems and equipment - Part 1: General

Keel: en

Alusdokumendid: IEC 62477-1:2012/A1:2016; EN 62477-1:2012/A1:2017

Asendatud järgmise dokumendiga: EVS-EN IEC 62477-1:2023

Konsolideeritud järgmise dokumendiga: EVS-EN 62477-1:2012+A11+A1+A12:2021

Standardi staatus: Kehtetu

EVS-EN 62477-1:2012/A11:2014

Jõupooljuht-muundussüsteemide ja -muundusseadmete ohutusnõuded. Osa 1: Üldnõuded
Safety requirements for power electronic converter systems and equipment - Part 1: General

Keel: en

Alusdokumendid: EN 62477-1:2012/A11:2014

Asendatud järgmise dokumendiga: EVS-EN IEC 62477-1:2023

Konsolideeritud järgmise dokumendiga: EVS-EN 62477-1:2012+A11+A1+A12:2021

Standardi staatus: Kehtetu

EVS-EN 62477-1:2012/A12:2021

Jõupooljuht-muundussüsteemide ja -muundusseadmete ohutusnõuded. Osa 1: Üldnõuded
Safety requirements for power electronic converter systems and equipment - Part 1: General

Keel: en

Alusdokumendid: EN 62477-1:2012/A12:2021

Asendatud järgmise dokumendiga: EVS-EN IEC 62477-1:2023

Konsolideeritud järgmise dokumendiga: EVS-EN 62477-1:2012+A11+A1+A12:2021

Standardi staatus: Kehtetu

EVS-EN 62477-1:2012+A11+A1+A12:2021

Jõupooljuht-muundussüsteemide ja -muundusseadmete ohutusnõuded. Osa 1: Üldnõuded Safety requirements for power electronic converter systems and equipment - Part 1: General (IEC 62477- 1:2012 + IEC 62477-1:2012/A1:2016)

Keel: en

Alusdokumendid: IEC 62477-1:2012; EN 62477-1:2012; EN 62477-1:2012/A11:2014; IEC 62477-1:2012/A1:2016; EN 62477-1:2012/A1:2017; EN 62477-1:2012/A12:2021

Asendatud järgmise dokumendiga: EVS-EN IEC 62477-1:2023

Standardi staatus: Kehtetu

EVS-EN 62877-1:2016

Electrolyte and water for vented Lead Acid accumulators - Part 1: Requirements for electrolyte

Keel: en

Alusdokumendid: IEC 62877-1:2016; EN 62877-1:2016

Asendatud järgmise dokumendiga: EVS-EN IEC 62877-1:2023

Parandatud järgmise dokumendiga: EVS-EN 62877-1:2016/AC:2017

Standardi staatus: Kehtetu

EVS-EN 62877-1:2016/AC:2017

Electrolyte and water for vented lead acid accumulators - Part 1: Requirements for electrolyte

Keel: en

Alusdokumendid: EN 62877-1:2016/AC:2017-05; IEC 62877-1:2016/COR1:2017

Asendatud järgmise dokumendiga: EVS-EN IEC 62877-1:2023

Standardi staatus: Kehtetu

EVS-EN IEC 61800-3:2018

Reguleeritava kiirusega elektriajamisüsteemid. Osa 3: Elektromagnetilise ühilduvuse nõuded ja erikatsetusmeetodid

Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods

Keel: en

Alusdokumendid: IEC 61800-3:2017; EN IEC 61800-3:2018

Asendatud järgmise dokumendiga: EVS-EN IEC 61800-3:2023

Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 61747-3:2006

Liquid crystal and solid-state display devices - Part 3: Sectional specification for liquid crystal display (LCD) cells

Keel: en

Alusdokumendid: IEC 61747-3:2006; EN 61747-3:2006

Standardi staatus: Kehtetu

EVS-EN 61747-3-1:2006

Liquid crystal and solid-state display devices - Part 3-1: Liquid crystal display (LCD) cells - Blank detail specification

Keel: en

Alusdokumendid: IEC 61747-3-1:2006; EN 61747-3-1:2006

Standardi staatus: Kehtetu

EVS-EN 61747-5-2:2011

Liquid crystal display devices - Part 5-2: Environmental, endurance and mechanical test methods - Visual inspection of active matrix colour liquid crystal display modules

Keel: en

Alusdokumendid: IEC 61747-5-2:2011; EN 61747-5-2:2011

Standardi staatus: Kehtetu

EVS-EN 61747-6-3:2011

Liquid crystal display devices - Part 6-3: Measuring methods for liquid crystal display modules - Motion artifact measurement of active matrix liquid crystal display modules

Keel: en

Alusdokumendid: IEC 61747-6-3:2011; EN 61747-6-3:2011

Standardi staatus: Kehtetu

EVS-EN 62341-5-3:2013

Organic Light Emitting Diode (OLED) displays -- Part 5-3: Measuring methods of image sticking and lifetime

Keel: en

Alusdokumendid: IEC 62341-5-3:2013; EN 62341-5-3:2013

Standardi staatus: Kehtetu

EVS-EN 62341-6-3:2012

Organic light emitting diode (OLED) displays - Part 6-3: Measuring methods of image quality

Keel: en

Alusdokumendid: IEC 62341-6-3:2012; EN 62341-6-3:2012

Standardi staatus: Kehtetu

EVS-EN 62629-1-2:2013

3D Display devices - Part 1-2: Generic - Terminology and letter symbols

Keel: en

Alusdokumendid: IEC 62629-1-2:2013; EN 62629-1-2:2013

Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 61300-2-52:2013

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-52: Tests - Bending test for cords (IEC 61300-2-52:2013)

Keel: en

Alusdokumendid: IEC 61300-2-52:2013; EN 61300-2-52:2013

Asendatud järgmise dokumendiga: FprEN 61300-2-52:2016

Standardi staatus: Kehtetu

EVS-EN 61300-3-31:2003

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-31: Examinations and measurements - Coupled power ratio measurement for fibre optic sources

Keel: en

Alusdokumendid: IEC 61300-3-31:2003; EN 61300-3-31:2003

Standardi staatus: Kehtetu

EVS-EN 61753-092-6:2007

Fibre optic interconnecting devices and passive components performance standard -- Part 092-6: Non-connectorized single-mode circulators for category O - Uncontrolled environment and sequential test

Keel: en

Alusdokumendid: IEC 61753-092-6:2007; EN 61753-092-6:2007

Parandatud järgmise dokumendiga: EVS-EN 61753-092-6:2007/AC:2008

Standardi staatus: Kehtetu

EVS-EN 61753-092-6:2007/AC:2008

Fibre optic interconnecting devices and passive components performance standard -- Part 092-6: Non-connectorized single-mode circulators for category O - Uncontrolled environment and sequential test

Keel: en

Alusdokumendid: EN 61753-092-6:2007/Corr:2008

Standardi staatus: Kehtetu

EVS-EN 61935-1:2010

Specification for the testing of balanced and coaxial information technology cabling - Part 1: Installed balanced cabling as specified in the standards series EN 50173

Keel: en

Alusdokumendid: IEC 61935-1:2009; EN 61935-1:2009

Standardi staatus: Kehtetu

EVS-EN 61937-9:2007

Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 -- Part 9: Non-linear PCM bitstreams according to the MAT format

Keel: en
Alusdokumendid: IEC 61937-9:2007; EN 61937-9:2007
Standardi staatus: Kehtetu

EVS-EN 61988-4:2007

Plasma Display Panels -- Part 4: Climatic and mechanical testing methods

Keel: en
Alusdokumendid: IEC 61988-4:2007; EN 61988-4:2007
Standardi staatus: Kehtetu

EVS-EN 62134-1:2009

Fibre optic interconnecting devices and passive components - Fibre optic closures - Part 1: Generic specification

Keel: en
Alusdokumendid: IEC 62134-1:2009; EN 62134-1:2009
Standardi staatus: Kehtetu

EVS-EN 62148-17:2014

Fiber optic active components and devices - Package and interface standards -- Part 17: Transmitter and receiver components with dual coaxial RF connectors

Keel: en
Alusdokumendid: IEC 62148-17:2013; EN 62148-17:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 62148-17:2023
Standardi staatus: Kehtetu

EVS-EN IEC 61800-3:2018

Reguleeritava kiirusega elektrijamisüsteemid. Osa 3: Elektromagnetilise ühilduvuse nõuded ja erikatsetusmeetodid **Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods**

Keel: en
Alusdokumendid: IEC 61800-3:2017; EN IEC 61800-3:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 61800-3:2023
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS-EN 17531:2021

Reporting in support of supervision of online gambling services by the gambling regulatory authorities of the Member States

Keel: en
Alusdokumendid: EN 17531:2021
Asendatud järgmise dokumendiga: EVS-EN 17531:2021+A1:2023
Standardi staatus: Kehtetu

EVS-EN 4817:2012

Aerospace series - Passive UHF RFID tags intended for aircraft use

Keel: en
Alusdokumendid: EN 4817:2012
Asendatud järgmise dokumendiga: EVS-EN 4905:2023
Standardi staatus: Kehtetu

EVS-EN 50090-6-1:2017

Home and Building Electronic Systems (HBES) - Part 6-1: Interfaces - Webservice interface

Keel: en
Alusdokumendid: EN 50090-6-1:2017
Standardi staatus: Kehtetu

EVS-EN 50700:2014

Information technology - Premises distribution access network (PDAN) cabling to support deployment of optical broadband networks

Keel: en
Alusdokumendid: EN 50700:2014
Asendatud järgmise dokumendiga: EVS-EN 50700:2023
Standardi staatus: Kehtetu

EVS-EN 61937-9:2007

Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 -- Part 9: Non-linear PCM bitstreams according to the MAT format

Keel: en
Alusdokumendid: IEC 61937-9:2007; EN 61937-9:2007
Standardi staatus: Kehtetu

EVS-HD 592 S1:2003

Binary floating-point arithmetic for microprocessor systems

Keel: en
Alusdokumendid: IEC 60559:1989; HD 592 S1:1991
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

CEN/TS 15427-1-2:2021

Railway applications - Wheel/Rail friction management - Part 1-2: Equipment and Application - Top of Rail materials

Keel: en
Alusdokumendid: CEN/TS 15427-1-2:2021
Asendatud järgmise dokumendiga: CEN/TS 15427-1-2:2023
Standardi staatus: Kehtetu

CEN/TS 15427-1-3:2021

Railway applications - Wheel/Rail friction management - Part 1-3: Equipment and Application - Adhesion materials

Keel: en
Alusdokumendid: CEN/TS 15427-1-3:2021
Asendatud järgmise dokumendiga: CEN/TS 15427-1-3:2023
Standardi staatus: Kehtetu

CEN/TS 15427-2-2:2021

Railway applications - Wheel/Rail friction management - Part 2-2: Properties and Characteristics - Top of Rail materials

Keel: en
Alusdokumendid: CEN/TS 15427-2-2:2021
Asendatud järgmise dokumendiga: CEN/TS 15427-2-2:2023
Standardi staatus: Kehtetu

CEN/TS 15427-2-3:2021

Railway applications - Wheel/Rail friction management - Part 2-3: Properties and Characteristics - Adhesion materials

Keel: en
Alusdokumendid: CEN/TS 15427-2-3:2021
Asendatud järgmise dokumendiga: CEN/TS 15427-2-3:2023
Standardi staatus: Kehtetu

EVS-EN 12663-2:2010

Raudteealased rakendused. Nõuded raudteeveeremi kerekonstruktsioonidele. Osa 2: Kaubavagunid Railway applications - Structural requirements of railway vehicle bodies - Part 2: Freight wagons

Keel: en
Alusdokumendid: EN 12663-2:2010
Asendatud järgmise dokumendiga: EVS-EN 12663-2:2010+A1:2023

Standardi staatus: Kehtetu

EVS-EN 13232-1:2003

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 1: Määratlused Railway applications - Track - Switches and crossings - Part 1: Definitions

Keel: en, et

Alusdokumendid: EN 13232-1:2003

Asendatud järgmise dokumendiga: EVS-EN 13232-1:2023

Standardi staatus: Kehtetu

EVS-EN 15085-2:2020

Raudteealased rakendused. Raudteeveeremi ja veeremidetailide keevitamine. Osa 2: Nõuded keevitustootjatele

Railway applications - Welding of railway vehicles and components - Part 2: Requirements for welding manufacturer

Keel: en, et

Alusdokumendid: EN 15085-2:2020

Asendatud järgmise dokumendiga: EVS-EN 15085-2:2020+A1:2023

Standardi staatus: Kehtetu

EVS-EN 15595:2018

Raudteealased rakendused. Pidurdamine. Ratta liugumise ennetusseadmed Railway applications - Braking - Wheel slide protection

Keel: en

Alusdokumendid: EN 15595:2018

Asendatud järgmise dokumendiga: EVS-EN 15595:2018+A1:2023

Parandatud järgmise dokumendiga: EVS-EN 15595:2018/AC:2021

Standardi staatus: Kehtetu

EVS-EN 15595:2018/AC:2021

Raudteealased rakendused. Pidurdamine. Ratta liugumise ennetusseadmed Railway applications - Braking - Wheel slide protection

Keel: en

Alusdokumendid: EN 15595:2018/AC:2021

Asendatud järgmise dokumendiga: EVS-EN 15595:2018+A1:2023

Standardi staatus: Kehtetu

EVS-EN 45545-2:2020

Raudteealased rakendused. Raudteeveeremi tuleohutus. Osa 2: Nõuded materjalide ja komponentide käitumisele

Railway applications - Fire protection on railway vehicles - Part 2: Requirements for fire behavior of materials and components

Keel: en

Alusdokumendid: EN 45545-2:2020

Asendatud järgmise dokumendiga: EVS-EN 45545-2:2020+A1:2023

Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 3375-009:2016

Aerospace series - Cable, electrical, for digital data transmission - Part 009: Single braid - CAN Bus - 120 ohms - Type WX - Product standard

Keel: en

Alusdokumendid: EN 3375-009:2016

Asendatud järgmise dokumendiga: EVS-EN 3375-009:2023

Standardi staatus: Kehtetu

EVS-EN 3660-003:2018

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 003: Grommet nut, style A - Product standard

Keel: en

Alusdokumendid: EN 3660-003:2018

Asendatud järgmise dokumendiga: EVS-EN 3660-003:2023

Standardi staatus: Kehtetu

EVS-EN 3660-004:2018

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 004: Cable outlet, style A, straight, unsealed with clamp strain relief - Product standard (corrected version 04.2019)

Keel: en
Alusdokumendid: EN 3660-004:2018+AC:2019
Asendatud järgmise dokumendiga: EVS-EN 3660-004:2023
Standardi staatus: Kehtetu

EVS-EN 3660-005:2018

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 005: Cable outlet, style A, 90°, unsealed with clamp strain relief - Product standard (corrected version 05.2019)

Keel: en
Alusdokumendid: EN 3660-005:2018+AC:2019
Asendatud järgmise dokumendiga: EVS-EN 3660-005:2023
Standardi staatus: Kehtetu

EVS-EN 4817:2012

Aerospace series - Passive UHF RFID tags intended for aircraft use

Keel: en
Alusdokumendid: EN 4817:2012
Asendatud järgmise dokumendiga: EVS-EN 4905:2023
Standardi staatus: Kehtetu

EVS-EN 4842:2019

Aerospace series - X5CrNiCu15-5 (1.4545) - Consumable electrode remelted (ESR or VAR) - Solution treated and precipitation treated (H1025) - Bar for machining - a or D ≤ 250 mm - 1 070 MPa ≤ Rm ≤ 1 200 MPa - Premium quality (pq)

Keel: en
Alusdokumendid: EN 4842:2019
Asendatud järgmise dokumendiga: EVS-EN 4842:2023
Standardi staatus: Kehtetu

EVS-EN 4868:2019

Aerospace series - Anodic electrodeposition of hexavalent chromium free primer

Keel: en
Alusdokumendid: EN 4868:2019
Asendatud järgmise dokumendiga: EVS-EN 4868:2023
Standardi staatus: Kehtetu

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-ISO 1496-4:2003/AC:2010

1. seeria veokonteinerid. Andmed ja katsetamine. Osa 4: Survestamata konteinerid puistlastile Series 1 freight containers -- Specification and testing -- Part 4: Non-pressurized containers for dry bulk

Keel: en
Alusdokumendid: ISO 1496-4:1991/Cor 1:2006
Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 14944-1:2006

Tsementi sisaldavate toodete mõju inimestele tarbimiseks mõeldud veele. Katsemeetodid. Osa 1: Tehases valmistatud tsementi sisaldavate toodete mõju organileptilistele omadustele Influence of cementitious products on water intended for human consumption - Test methods - Part 1: Influence of factory made cementitious products on organoleptic parameters

Keel: en
Alusdokumendid: EN 14944-1:2006
Asendatud järgmise dokumendiga: EVS-EN 14944-1:2023
Standardi staatus: Kehtetu

71 KEEMILINE TEHNOLOOGIA

EVS-EN 1405:2009

Inimtarbevee töötlemiseks kasutatavad kemikaalid. Naatriumalginaat Chemicals used for treatment of water intended for human consumption - Sodium alginate

Keel: en
Alusdokumendid: EN 1405:2009
Asendatud järgmise dokumendiga: EVS-EN 1405:2023
Standardi staatus: Kehtetu

EVS-EN 1407:2008

Inimtarbevee töötlemiseks kasutatavad kemikaalid. Anioonsed ja mitteioonsed polüakrüülamiidid Chemicals used for treatment of water intended for human consumption - Anionic and non-ionic polyacrylamides

Keel: en
Alusdokumendid: EN 1407:2008
Asendatud järgmise dokumendiga: EVS-EN 1407:2023
Standardi staatus: Kehtetu

EVS-EN 1408:2008

Inimtarbevee töötlemiseks kasutatavad kemikaalid. Polü(diallüüldimetüülammooniumkloriid) Chemicals used for treatment of water intended for human consumption - Poly(dialkyldimethylammonium chloride)

Keel: en
Alusdokumendid: EN 1408:2008
Asendatud järgmise dokumendiga: EVS-EN 1408:2023
Standardi staatus: Kehtetu

EVS-EN 1409:2008

Inimtarbevee töötlemiseks kasutatavad kemikaalid. Polüamiinid Chemicals used for water treatment intended for human consumption - Polyamines

Keel: en
Alusdokumendid: EN 1409:2008
Asendatud järgmise dokumendiga: EVS-EN 1409:2023
Standardi staatus: Kehtetu

EVS-EN 1410:2008

Inimtarbevee töötlemiseks kasutatavad kemikaalid. Katioonpolüakrüülamiidid Chemicals used for the treatment of water intended for human consumption - Cationic polyacrylamides

Keel: en
Alusdokumendid: EN 1410:2008
Asendatud järgmise dokumendiga: EVS-EN 1410:2023
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 16906:2017

Liquid petroleum products - Determination of the ignition quality of diesel fuels - BASF engine method

Keel: en
Alusdokumendid: 51733; EN 16906:2017
Asendatud järgmise dokumendiga: EVS-EN 16906:2023
Standardi staatus: Kehtetu

EVS-EN ISO 12736:2015

Petroleum and natural gas industries - Wet thermal insulation coatings for pipelines, flow lines, equipment and subsea structures (ISO 12736:2014)

Keel: en
Alusdokumendid: ISO 12736:2014; EN ISO 12736:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 12736-1:2023
Asendatud järgmise dokumendiga: EVS-EN ISO 12736-2:2023

Asendatud järgmise dokumendiga: EVS-EN ISO 12736-3:2023
Standardi staatus: Kehtetu

EVS-EN ISO 25457:2009

Petroleum, petrochemical and natural gas industries - Flare details for general refinery and petrochemical service

Keel: en
Alusdokumendid: ISO 25457:2008; EN ISO 25457:2008
Asendatud järgmise dokumendiga: EVS-EN ISO 25457:2023
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN ISO 4545-1:2018

Metallic materials - Knoop hardness test - Part 1: Test method (ISO 4545-1:2017)

Keel: en
Alusdokumendid: ISO 4545-1:2017; EN ISO 4545-1:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 4545-1:2023
Standardi staatus: Kehtetu

EVS-EN ISO 6507-1:2018

Metallic materials - Vickers hardness test - Part 1: Test method (ISO 6507-1:2018)

Keel: en
Alusdokumendid: ISO 6507-1:2018; EN ISO 6507-1:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 6507-1:2023
Standardi staatus: Kehtetu

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN 821-2:2000

Spetsiaalne tehniline keraamika. Monoliitkeraamika. Termofüüsikalised omadused. Osa 2: Termilise difusiooni määramine laser- (või pulseeriva soojuse) meetodil Advanced technical ceramics - Monolithic ceramics - Thermo-physical properties Part 2: Determination of thermal diffusivity by the laser flash (or heat pulse) method

Keel: en
Alusdokumendid: EN 821-2:1997
Asendatud järgmise dokumendiga: EVS-EN ISO 18755:2023
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

CEN/TR 15123:2005

Design, preparation and application of internal polymer plastering systems

Keel: en
Alusdokumendid: CEN/TR 15123:2005
Standardi staatus: Kehtetu

EVS-EN ISO 14126:2000

Fibre reinforced plastic composites - Determination of compressive properties in the in-plane direction

Keel: en
Alusdokumendid: ISO 14126:1999; EN ISO 14126:1999 + AC:2002
Asendatud järgmise dokumendiga: EVS-EN ISO 14126:2023
Parandatud järgmise dokumendiga: EVS-EN ISO 14126:2000/AC:2013
Standardi staatus: Kehtetu

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 4628-6:2011

Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 6: Assessment of degree of chalking by tape method (ISO 4628-6:2011)

Keel: en

Alusdokumendid: ISO 4628-6:2011; EN ISO 4628-6:2011

Asendatud järgmise dokumendiga: EVS-EN ISO 4628-6:2023

Standardi staatus: Kehtetu

91 EHTUSMATERJALID JA EHTUS

CEN/TR 15123:2005

Design, preparation and application of internal polymer plastering systems

Keel: en

Alusdokumendid: CEN/TR 15123:2005

Standardi staatus: Kehtetu

CEN/TR 15124:2005

Design, preparation and application of internal gypsum plastering systems

Keel: en

Alusdokumendid: CEN/TR 15124:2005

Standardi staatus: Kehtetu

CEN/TR 15125:2005

Design, preparation and application of internal cement and/or lime plastering systems

Keel: en

Alusdokumendid: CEN/TR 15125:2005

Standardi staatus: Kehtetu

CEN/TS 1455-2:2012

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Acrylonitrilebutadiene-styrene (ABS) - Part 2: Guidance for the assessment of conformity

Keel: en

Alusdokumendid: CEN/TS 1455-2:2012

Asendatud järgmise dokumendiga: CEN/TS 1455-2:2023

Standardi staatus: Kehtetu

CEN/TS 1566-2:2012

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Chlorinated poly(vinyl chloride) (PVC-C) - Part 2: Guidance for assessment of conformity

Keel: en

Alusdokumendid: CEN/TS 1566-2:2012

Asendatud järgmise dokumendiga: CEN/TS 1566-2:2023

Standardi staatus: Kehtetu

EVS-EN 13049:2003

Windows - Soft and heavy body impact - Test method, safety requirements and classification

Keel: en

Alusdokumendid: EN 13049:2003

Asendatud järgmise dokumendiga: EVS-EN 13049:2023

Standardi staatus: Kehtetu

EVS-EN 13416:2002

Flexible sheets for waterproofing - Bitumen, plastic and rubber sheets for roof waterproofing - Rules for sampling

Keel: en

Alusdokumendid: EN 13416:2001

Asendatud järgmise dokumendiga: EVS-EN 13416:2023

Standardi staatus: Kehtetu

EVS-EN 13232-2:2003+A1:2011

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 2: Geomeetrilise konstruktsiooni nõuded

Railway applications - Track - Switches and crossings - Part 2: Requirements for geometric design

Keel: en, et

Alusdokumendid: EN 13232-2:2003+A1:2011

Asendatud järgmise dokumendiga: EVS-EN 13232-2:2023

Standardi staatus: Kehtetu

EVS-EN 13232-3:2003+A1:2011

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 3: Nõuded ratta ja rööpa vahelisele koostoimele

Railway applications - Track - Switches and crossings - Part 3: Requirements for wheel/rail interaction

Keel: en, et

Alusdokumendid: EN 13232-3:2003+A1:2011

Asendatud järgmise dokumendiga: EVS-EN 13232-3:2023

Standardi staatus: Kehtetu

EVS-EN 13232-4:2005+A1:2011

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 4: Käitamine, lukustamine ja tuvastamine

Railway applications - Track - Switches and crossings - Part 4: Actuation, locking and detection

Keel: en, et

Alusdokumendid: EN 13232-4:2005+A1:2011

Asendatud järgmise dokumendiga: EVS-EN 13232-4:2023

Standardi staatus: Kehtetu

EVS-EN 13232-5:2005+A1:2011

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 5: Pöörmed

Railway applications - Track - Switches and crossings - Part 5: Switches

Keel: en, et

Alusdokumendid: EN 13232-5:2005+A1:2011

Asendatud järgmise dokumendiga: EVS-EN 13232-5:2023

Standardi staatus: Kehtetu

EVS-EN 13232-6:2005+A1:2011

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 6: Jäigad teravnurksed ja tõmbid ristirööpad

Railway applications - Track - Switches and crossings - Part 6: Fixed common and obtuse crossings

Keel: en, et

Alusdokumendid: EN 13232-6:2005+A1:2011

Asendatud järgmise dokumendiga: EVS-EN 13232-6:2023

Standardi staatus: Kehtetu

EVS-EN 13232-7:2006+A1:2011

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 7: Liikuvate osadega ristirööpad

Railway applications - Track - Switches and crossings - Part 7: Crossings with moveable parts

Keel: en, et

Alusdokumendid: EN 13232-7:2006+A1:2011

Asendatud järgmise dokumendiga: EVS-EN 13232-7:2023

Standardi staatus: Kehtetu

EVS-EN 13232-8:2007+A1:2011

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 8: Pikenemiskompensaatorid

Railway applications - Track - Switches and crossings - Part 8: Expansion devices

Keel: en, et

Alusdokumendid: EN 13232-8:2007+A1:2011
Asendatud järgmise dokumendiga: EVS-EN 13232-8:2023
Standardi staatus: Kehtetu

EVS-EN 13232-9:2006+A1:2011

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 9: Pöörmerajatised Railway applications - Track - Switches and crossings - Part 9: Layouts

Keel: en, et
Alusdokumendid: EN 13232-9:2006+A1:2011
Asendatud järgmise dokumendiga: EVS-EN 13232-9:2023
Standardi staatus: Kehtetu

EVS-EN 16272-3-1:2012

Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 3-1: Normalized railway noise spectrum and single number ratings for diffuse field applications

Keel: en
Alusdokumendid: EN 16272-3-1:2012
Asendatud järgmise dokumendiga: EVS-EN 16272-3-1:2023
Standardi staatus: Kehtetu

EVS-EN 16272-3-2:2014

Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 3-2: Normalized railway noise spectrum and single number ratings for direct field applications

Keel: en
Alusdokumendid: EN 16272-3-2:2014
Asendatud järgmise dokumendiga: EVS-EN 16272-3-2:2023
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 1176-1:2017

Mänguväljaku seadmed ja aluspinnakate. Osa 1: Üldised ohutusnõuded ja katsemeetodid Playground equipment and surfacing - Part 1: General safety requirements and test methods

Keel: en, et
Alusdokumendid: EN 1176-1:2017; EVS-EN 1176-1:2017/AC:2018; EVS-EN 1176-1:2017/AC:2020
Asendatud järgmise dokumendiga: EVS-EN 1176-1:2017+A1:2023
Parandatud järgmise dokumendiga: EVS-EN 1176-1:2017/AC:2018
Parandatud järgmise dokumendiga: EVS-EN 1176-1:2017/AC:2020
Standardi staatus: Kehtetu

EVS-EN 1176-1:2017/AC:2018

Mänguväljaku seadmed ja aluspinnakate. Osa 1: Üldised ohutusnõuded ja katsemeetodid Playground equipment and surfacing - Part 1: General safety requirements and test methods

Keel: et
Asendatud järgmise dokumendiga: EVS-EN 1176-1:2017+A1:2023
Standardi staatus: Kehtetu

EVS-EN 1176-1:2017/AC:2020

Mänguväljaku seadmed ja aluspinnakate. Osa 1: Üldised ohutusnõuded ja katsemeetodid Playground equipment and surfacing - Part 1: General safety requirements and test methods

Keel: et
Asendatud järgmise dokumendiga: EVS-EN 1176-1:2017+A1:2023
Standardi staatus: Kehtetu

EVS-EN 17531:2021

Reporting in support of supervision of online gambling services by the gambling regulatory authorities of the Member States

Keel: en
Alusdokumendid: EN 17531:2021
Asendatud järgmise dokumendiga: EVS-EN 17531:2021+A1:2023
Standardi staatus: Kehtetu

EVS-EN 50090-6-1:2017

Home and Building Electronic Systems (HBES) - Part 6-1: Interfaces - Webservice interface

Keel: en

Alusdokumendid: EN 50090-6-1:2017

Standardi staatus: Kehtetu

EVS-EN 50491-11:2015

General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 11: Smart Metering - Application Specifications - Simple External Consumer Display

Keel: en

Alusdokumendid: EN 50491-11:2015

Asendatud järgmise dokumendiga: EVS-EN IEC 63345:2023

Muudetud järgmise dokumendiga: EVS-EN 50491-11:2015/A1:2020

Standardi staatus: Kehtetu

EVS-EN 50491-11:2015/A1:2020

General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 11: Smart Metering - Application Specifications - Simple External Consumer Display

Keel: en

Alusdokumendid: EN 50491-11:2015/A1:2020

Asendatud järgmise dokumendiga: EVS-EN IEC 63345:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-14:2006

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-14: Erinõuded köögimasinatele Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines

Keel: en

Alusdokumendid: IEC 60335-2-14:2006; EN 60335-2-14:2006

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-14:2023

Muudetud järgmise dokumendiga: EN 60335-2-14:2006/prAD:2017

Muudetud järgmise dokumendiga: EVS-EN 60335-2-14:2006/A1:2008

Muudetud järgmise dokumendiga: EVS-EN 60335-2-14:2006/A11:2012

Muudetud järgmise dokumendiga: EVS-EN 60335-2-14:2006/A12:2016

Standardi staatus: Kehtetu

EVS-EN 60335-2-14:2006/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-14: Erinõuded köögimasinatele Household and similar electrical appliances - Safety -- Part 2-14: Particular requirements for kitchen machines

Keel: en

Alusdokumendid: IEC 60335-2-14:2006/A1:2008; EN 60335-2-14:2006/A1:2008

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-14:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-14:2006/A11:2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-14: Erinõuded köögimasinatele Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines

Keel: en

Alusdokumendid: EN 60335-2-14:2006/A11:2012

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-14:2023

Parandatud järgmise dokumendiga: EVS-EN 60335-2-14:2006/A11:2012/AC:2013

Parandatud järgmise dokumendiga: EVS-EN 60335-2-14:2006/A11:2012/AC:2016

Standardi staatus: Kehtetu

EVS-EN 60335-2-14:2006/A11:2012/AC:2016

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-14: Erinõuded köögimasinatele Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines

Keel: en

Alusdokumendid: EN 60335-2-14:2006/A11:2012/AC:2016

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-14:2023
Standardi staatus: Kehtetu

EVS-EN 60335-2-14:2006/A12:2016

**Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-14: Erinõuded köögimasinatele
Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for
kitchen machines**

Keel: en

Alusdokumendid: EN 60335-2-14:2006/A12:2016

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-14:2023

Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

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

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

Iga arvamusküsitlusele 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 kommenteerimisportaalil: <https://www.evs.ee/kommenteerimisportaal/>

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEN 1083-1

Power-driven brushes - Part 1: Definitions and nomenclature

This document defines terms which are used to describe power-driven brushes and strip brushes and describes the designation system. This document does not cover brushes for car wash sites, vacuum cleaners, carpet cleaning machines, sewer and street cleaning machines, dental brushes, brushes for sealing and stripping.

Keel: en

Alusdokumendid: prEN 1083-1

Asendab dokumenti: EVS-EN 1083-1:1999

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEVS-ISO/IEC 2382-36

Infotehnoloogia. Sõnastik. Osa 36: Õppimine, koolitus ja praktika

Information technology -- Vocabulary -- Part 36: Learning, education and training (ISO/IEC 2382-36:2019, identical)

See dokument annab terminid ja määratlused õppimise, hariduse ja koolituse alal, rahvusvahelise suhtluse edendamiseks selles valdkonnas. Ühtlasi piiritleb ja esitab see dokument sisemised seosed sõnavaras, tagades sidusa ja ühtlustatud käsitlusviisi.

Keel: en

Alusdokumendid: ISO/IEC 2382-36:2019

Arvamusküsitluse lõppkuupäev: 30.12.2023

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

prEVS-ISO/IEC 20000-3

Infotehnoloogia. Teenusehaldus. Osa 3: Juhised standardi ISO/IEC 20000-1 käsitlusala määratlemise ja kohaldatavuse kohta

Information technology - Service management - Part 3: Guidance on scope definition and applicability of ISO/IEC 20000-1 (ISO/IEC 20000-3:2019, identical)

See dokument sisaldab juhiseid standardi ISO/IEC 20000-1 käsitlusala määratlemise ja selles standardis spetsifitseeritud nõuetele kohaldatavuse kohta. See dokument võib aidata kindlaks teha, kas ISO/IEC 20000-1 on organisatsiooni olukorrale kohaldatav. Ta illustreerib seda, kuidas SMSi käsitlusala saab määratleda, olenemata sellest, kas organisatsioonil on kogemusi teiste haldussüsteemide käsitlusala määratlemisel. Selles dokumendis olevad juhised võivad aidata organisatsioonil kavandada ja valmistada vastavushindamiseks vastavalt standardile ISO/IEC 20000-1. Lisa A sisaldab võimalike SMSi käsitlusala avalduste näiteid. Toodud näidetes kasutatakse organisatsioonide jaoks mitmeid stsenaariume, mis ulatuvad väga lihtsatest kuni keerukate teenuse tarneahelateni. Seda dokumenti saavad kasutada nii SMSi rakendamise plaanimise eest vastutavad töötajad kui ka hindajad ja konsultandid. Ta täiendab standardis ISO/IEC 20000-2 antud SMSi rakendamise juhiseid. Nõuded SMSi auditit ja sertifitseerimist pakkuvatele asutustele võib leida standardist ISO/IEC 20000-6, mis soovib kasutada käesolevat dokumenti.

Keel: en

Alusdokumendid: ISO/IEC 20000-3:2019

07 LOODUS- JA RAKENDUSTEADUSED

prEN 18025

Water quality - Guidance standard on a strategic approach to river restoration

This document concerns the restoration of rivers, including their channels, riparian zones, and floodplains. The word 'river' is used as a generic term to describe permanently flowing and intermittent watercourses of all sizes, with the exception of artificial water bodies such as canals. Some aspects of landscape restoration beyond the boundaries of what are often considered typical river processes are also considered. This document focuses on 'nature-based solutions', which are 'actions to protect, sustainably manage and restore natural or modified ecosystems that address societal challenges effectively and adaptively, simultaneously providing human well-being and biodiversity benefits' (<https://portals.iucn.org/library/sites/library/files/documents/2016-036.pdf>). A clear framework of guiding principles to help inform the planning and implementation of river restoration work is provided. These principles are aimed both at individuals and organizations wishing to restore rivers, and stress the importance of monitoring and appraisal. This document makes reference to existing techniques and guidance, where these are appropriate and within the scope of this document. This document provides guidance on: — the core principles of restoration — the aims and overall outcomes of river restoration — the spectrum of typical approaches to river restoration (the 'restoration mode') with a focus on those that are nature-based and restore both physical and ecological aspects — identifying opportunities for restoration and possible constraints, with a focus on physical and natural rather than socio-economic aspects — the different scales of restoration and how restoration works across different catchments and landscapes — the importance of monitoring and appraising restoration work across the range of approaches and scales.

Keel: en

Alusdokumendid: prEN 18025

Arvamusküsitluse lõppkuupäev: 30.12.2023

11 TERVISEHOOLDUS

prEN ISO 1135-4

Transfusion equipment for medical use - Part 4: Transfusion sets for single use, gravity feed (ISO/DIS 1135-4:2023)

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

Keel: en

Alusdokumendid: ISO/DIS 1135-4; prEN ISO 1135-4

Asendab dokumenti: EVS-EN ISO 1135-4:2015

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 1135-5

Transfusion equipment for medical use - Part 5: Transfusion sets for single use with pressure infusion apparatus (ISO/DIS 1135-5:2023)

This document specifies requirements for single use transfusion sets for use with pressure infusion equipment capable of generating pressures up to 200 kPa (2 bar). This International Standard ensures compatibility with containers for blood and blood components as well as intravenous equipment. Secondary aims of this document are to provide guidance on specifications relating to the quality and performance of materials used in transfusion sets, to present designations for transfusion set components, and to ensure the compatibility of sets with red cell and plasma blood components. Platelet components should not be transfused under pressure using these sets. In some countries, the national pharmacopoeia or other national regulations are legally binding and take precedence over this document.

Keel: en

Alusdokumendid: ISO/DIS 1135-5; prEN ISO 1135-5

Asendab dokumenti: EVS-EN ISO 1135-5:2015

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 23908

Sharps injury protection - Requirements and test methods - Sharps protection mechanisms for single-use needles, introducers for catheters and needles used for blood testing, monitoring, sampling and medical substance administration (ISO/DIS 23908:2023)

This document provides clear methods for performance-testing for sharps-injury protection mechanisms, whether active or passive in design, for medical devices containing single-used 'sharps' for administration and/or extraction of body/blood fluids and/or medicinal substances. Testing will confirm usability and elimination of exposure to, and risk of accidental injury from, contaminated 'sharps' during the period of intended use, including the paths to final disposal.

Keel: en
Alusdokumendid: ISO/DIS 23908; prEN ISO 23908
Asendab dokumenti: EVS-EN ISO 23908:2013
Arvamusküsitluse lõppkuupäev: 30.12.2023

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN 12259-14:2020+A1:2022/prA2

Fixed firefighting systems - Components for sprinkler and water spray systems - Part 14: Sprinklers for residential applications

This document specifies requirements for the construction and performance of residential sprinklers as well as test methods for their type approval, which are operated by a change of state of an element or bursting of a glass bulb under the influence of heat, for use only in automatic sprinkler systems for domestic and residential applications as defined in EN 16925:- . This standard does not cover representative fire and other tests for special sprinklers that are intended to provide for specific fire hazards, nor does it cover fire and other tests for sprinklers for commercial and industrial sprinkler systems as in EN 12845. Those test requirements are covered by EN 12259-1. NOTE 1 All pressure data in this European Standard are given as gauge pressures in bar. NOTE 2 Sprinklers according to EN12259-1 can also be used in residential and domestic applications if the system is designed according to EN 12845.

Keel: en
Alusdokumendid: EN 12259-14:2020+A1:2022/prA2
Muudab dokumenti: EVS-EN 12259-14:2020+A1:2022

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN 15119-1

Durability of wood and wood-based products - Determination of emissions from preservative treated wood to the environment - Part 1: Wood held in the storage yard after treatment and wooden commodities exposed in Use Class 3 (not covered, not in contact with the ground) - Laboratory method

This document describes a laboratory method for obtaining water samples from preservative treated wood exposed out of ground contact (wood held in the storage yard after treatment and which has been in conditions designed to simulate outdoor, out of ground contact situations), at increasing time intervals after exposure.

Keel: en
Alusdokumendid: prEN 15119-1
Asendab dokumenti: CEN/TS 15119-1:2018

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN 17308

Materials produced from end of life tyres - Steel wire - Determination of the non-metallic content

This document provides two different methods for the quantitative estimation of non-metallic content remaining adhered to the steel wire obtained from the recovery of materials from end-of-life tyres. The pyrolysis method is considered as the reference method while the hydrostatic method is considered as an in-situ method. This document includes sample collection and the preparation of representative samples based on a sampling plan for the purpose of their characterization. This document does not cover the operational performance or fitness for use of the materials which are deemed to be a function of agreements between the manufacturer and the customer. This document does not purport to address all the safety concerns, if any, associated with its use. This document does not establish appropriate safety and health practices and does not determine the applicability of regulatory limitations prior to its use.

Keel: en
Alusdokumendid: prEN 17308
Asendab dokumenti: CEN/TS 17308:2019

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN 18025

Water quality - Guidance standard on a strategic approach to river restoration

This document concerns the restoration of rivers, including their channels, riparian zones, and floodplains. The word 'river' is used as a generic term to describe permanently flowing and intermittent watercourses of all sizes, with the exception of artificial water bodies such as canals. Some aspects of landscape restoration beyond the boundaries of what are often considered typical river processes are also considered. This document focuses on 'nature-based solutions', which are 'actions to protect, sustainably manage and restore natural or modified ecosystems that address societal challenges effectively and adaptively, simultaneously providing human well-being and biodiversity benefits' (<https://portals.iucn.org/library/sites/library/files/documents/2016-036.pdf>). A clear framework of guiding principles to help inform the planning and implementation of river restoration work is provided. These principles are aimed both at individuals and organizations wishing to restore rivers, and stress the importance of monitoring and appraisal. This document makes reference to existing techniques and guidance, where these are appropriate and within the scope of this document. This document provides guidance on: — the core principles of restoration — the aims and overall outcomes of river restoration — the spectrum of typical approaches to river restoration (the 'restoration mode') with a focus on those that are nature-based and restore both physical and ecological aspects — identifying opportunities for restoration and possible

constraints, with a focus on physical and natural rather than socio-economic aspects — the different scales of restoration and how restoration works across different catchments and landscapes — the importance of monitoring and appraising restoration work across the range of approaches and scales.

Keel: en

Alusdokumendid: prEN 18025

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 13165-1

Water quality - Radium-226 - Part 1: Test method using liquid scintillation counting (ISO 13165-1:2022)

This document specifies the determination of radium-226 (²²⁶Ra) activity concentration in non-saline water samples by extraction of its daughter radon-222 (²²²Rn) and its measurement using liquid scintillation analysis. The test method described in this document, using currently available scintillation counters, has a detection limit of approximately 50 mBq·l⁻¹. This method is not applicable to the measurement of other radium isotopes.

Keel: en

Alusdokumendid: ISO 13165-1:2022; prEN ISO 13165-1

Asendab dokumenti: EVS-EN ISO 13165-1:2020

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 9241-112

Ergonomics of human-system interaction - Part 112: Principles for the presentation of information (ISO/DIS 9241-112:2023)

ISO 9241-112:2017 establishes ergonomic design principles for interactive systems related to the software-controlled presentation of information by user interfaces. It applies to the three main modalities (visual, auditory, tactile/haptic) typically used in information and communication technology. These principles apply to the perception and understanding of presented information. These principles are applicable in the analysis, design, and evaluation of interactive systems. This document also provides recommendations corresponding to the principles. The recommendations for each of the principles are not exhaustive and are not necessarily independent from one another. While this document is applicable to all types of interactive systems, it does not cover the specifics of particular application domains. This document also applies to outputs from interactive systems (such as printed documents, e.g. invoices). The guidance in this document for presenting information is aimed at helping the user to accomplish tasks. This guidance is not aimed at the presentation of information for other reasons (e.g. corporate branding or advertising). It is intended for the following types of users: - user interface designers, who will apply the guidance during the development process; - developers, who will apply the guidance during design and implementation of system functionality; - evaluators, who are responsible for ensuring that products meet the recommendations; - designers of user interface development tools and style guides to be used by user interface designers; - project managers, who are responsible for managing development processes; - buyers, who will reference this document during product procurement.

Keel: en

Alusdokumendid: ISO/DIS 9241-112; prEN ISO 9241-112

Asendab dokumenti: EVS-EN ISO 9241-112:2017

Arvamusküsitluse lõppkuupäev: 30.12.2023

17 METROLOOGIA JA MÕÖTMINE. FÜÜSIKALISED NÄHTUSED

EN IEC 61326-1:2021/prAA:2023

Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements

This part of EN 61326 is a product family standard specifying requirements for immunity and emissions regarding electromagnetic compatibility (EMC) for electrical equipment, operating from a supply or battery of less than 1 000 V AC or 1 500 V DC or from the circuit being measured. Equipment intended for professional, industrial-process, industrial-manufacturing and educational use is covered by this part. It includes equipment and computing devices for - measurement and test; - control; - LABORATORY use; - accessories intended for use with the above (such as sample handling equipment), intended to be used in industrial and non-industrial locations.

Keel: en

Alusdokumendid: EN IEC 61326-1:2021/prAA:2023

Muudab dokumenti: EVS-EN IEC 61326-1:2021

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN IEC 60688:2023

Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals

This document applies to transducers (TRD) with electrical inputs and outputs for making measurements of AC or DC electrical quantities. The output signal can be in the form of an analogue or digital signal. This document applies to measuring transducers used for converting electrical quantities such as: - current, - voltage, - active power, - reactive power, - power factor, - phase angle, - frequency, - harmonics or total harmonic distortion, and - apparent power - DC power to an output signal. NOTE The above electrical quantities include AC and/or DC components. This document applies a) if the fundamental frequency of the input(s) lies between 0 Hz and 1 500 Hz, b) to the electrical measuring transducer if it is part of a system for the measurement of

an electrical or non-electrical quantity, c) to transducers for use in a variety of applications such as telemetry and process control and in one of a number of defined environments. This document is not applicable for: – instrument transformers that comply with IEC 61869 (all parts), – transmitters for use in industrial process application that complies with IEC 60770 (all parts), and – power metering and monitoring devices (PMD) that comply with IEC 61557-12 – meters that comply with IEC 62053 series – handheld sensors – residual current monitoring devices (RCMs) that comply with IEC 62020-1 – residual current detecting devices (RCD-DD) that comply with IEC 62955 – in-cable control and protection devices (IC-CPDs) that comply with IEC 62752 – modular residual current devices (MRCs) that comply with IEC 60947-2, Annex M. Within the measuring range, the output signal is a function of 65 the measurand. An auxiliary supply can be needed. This document is intended: – to specify the terminology and definitions relating to transducers whose main application is in industry, – to unify the test methods used in evaluating transducer performance, – to specify accuracy limits and output values for transducers.

Keel: en

Alusdokumendid: prEN IEC 60688:2023; 85/892/CDV

Asendab dokumenti: EVS-EN 60688:2013

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 13165-1

Water quality - Radium-226 - Part 1: Test method using liquid scintillation counting (ISO 13165-1:2022)

This document specifies the determination of radium-226 (²²⁶Ra) activity concentration in non-saline water samples by extraction of its daughter radon-222 (²²²Rn) and its measurement using liquid scintillation analysis. The test method described in this document, using currently available scintillation counters, has a detection limit of approximately 50 mBq·l⁻¹. This method is not applicable to the measurement of other radium isotopes.

Keel: en

Alusdokumendid: ISO 13165-1:2022; prEN ISO 13165-1

Asendab dokumenti: EVS-EN ISO 13165-1:2020

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 25178-603

Geometrical product specifications (GPS) - Surface texture: Areal - Part 603: Design and characteristics of non-contact (phase shifting interferometry) instruments (ISO/DIS 25178-603:2023)

This document describes the design and metrological characteristics of phase shifting interferometry instruments for areal measurement of surface topography. Because surface profiles can be extracted from areal surface topography data, the methods described in this document can be applied to profiling measurements as well.

Keel: en

Alusdokumendid: ISO/DIS 25178-603; prEN ISO 25178-603

Asendab dokumenti: EVS-EN ISO 25178-603:2013

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 25178-605

Geometrical product specifications (GPS) - Surface texture: Areal - Part 605: Design and characteristics of non-contact (point autofocus probe) instruments (ISO/DIS 25178-605:2023)

This document describes the design and characteristics of point autofocus probe instruments for areal measurement of surface topography. Because surface profiles can be extracted from areal surface topography data, the methods described in this document can be applied to profiling measurements as well.

Keel: en

Alusdokumendid: ISO/DIS 25178-605; prEN ISO 25178-605

Asendab dokumenti: EVS-EN ISO 25178-605:2014

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 7944

Optics and optical instruments - Reference wavelengths (ISO/DIS 7944:2023)

This document specifies reference wavelengths to be used for the characterization of optical materials, optical systems and instruments, and ophthalmic lenses. It defines the associated principal refractive indices and principal dispersions, as well as the Abbe numbers with regard to these reference wavelengths and principal dispersions.

Keel: en

Alusdokumendid: prEN ISO 7944; ISO/DIS 7944:2023

Asendab dokumenti: EVS-EN ISO 7944:1999

Arvamusküsitluse lõppkuupäev: 30.12.2023

19 KATSETAMINE

prEN ISO 6506-2

Metallic materials - Brinell hardness test - Part 2: Verification and calibration of testing machines (ISO/DIS 6506-2:2023)

ISO 6506-2:2017 specifies methods of direct and indirect verification of testing machines used for determining Brinell hardness in accordance with ISO 6506-1 and also specifies when these two types of verification have to be performed. The direct verification involves checking that individual machine performance parameters fall within specified limits whereas the indirect verification utilizes hardness measurements of reference blocks, calibrated in accordance with ISO 6506-3, to check the machine's overall performance. If a testing machine is also to be used for other methods of hardness testing, it has to be verified independently for each method. ISO 6506-2:2017 is applicable to both fixed location and portable hardness testing machines. For machines that are incapable of satisfying the specified force-time profile, the direct verification of force and testing cycle can be modified by the use of Annex B.

Keel: en

Alusdokumendid: ISO/DIS 6506-2; prEN ISO 6506-2

Asendab dokumenti: EVS-EN ISO 6506-2:2018

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 6506-3

Metallic materials - Brinell hardness test - Part 3: Calibration of reference blocks (ISO/DIS 6506-3:2023)

ISO 6506-3:2014 specifies a method for the calibration of reference blocks to be used in the indirect verification of Brinell hardness testing machines as described in ISO 6506-2. The procedures necessary to ensure metrological traceability of the calibration machine are also specified.

Keel: en

Alusdokumendid: ISO/DIS 6506-3; prEN ISO 6506-3

Asendab dokumenti: EVS-EN ISO 6506-3:2014

Arvamusküsitluse lõppkuupäev: 30.12.2023

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN ISO 13351

Fans - Dimensions (ISO/DIS 13351:2023)

ISO 13351:2009 specifies the dimensions of the circular and rectangular flanges of general-purpose fans, as well as the fan size designations. It is not applicable to cross-flow fans or to fan appliances used for individual household or similar applications.

Keel: en

Alusdokumendid: ISO/DIS 13351; prEN ISO 13351

Asendab dokumenti: EVS-EN ISO 13351:2010

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 6134

Rubber hoses and hose assemblies for saturated steam - Specification (ISO/DIS 6134:2023)

ISO 6134:2017 specifies requirements for two types of hoses and hose assemblies, low pressure with a maximum working pressure of 6 bar and high pressure with a maximum working pressure of 18 bar, made of rubber and hose fittings made of metal, designed to convey saturated steam and hot water condensate. Each type is divided into two classes having either an oil resistant or non-oil resistant cover. NOTE Information on the frequency of testing of hose assemblies in use and storage is given in Annex A and Annex B.

Keel: en

Alusdokumendid: ISO/DIS 6134; prEN ISO 6134

Asendab dokumenti: EVS-EN ISO 6134:2017

Arvamusküsitluse lõppkuupäev: 30.12.2023

25 TOOTMISTEHNOLLOOGIA

EN IEC 61326-1:2021/prAA:2023

Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements

This part of EN 61326 is a product family standard specifying requirements for immunity and emissions regarding electromagnetic compatibility (EMC) for electrical equipment, operating from a supply or battery of less than 1 000 V AC or 1 500 V DC or from the circuit being measured. Equipment intended for professional, industrial-process, industrial-manufacturing and educational use is covered by this part. It includes equipment and computing devices for - measurement and test; - control; - LABORATORY use; - accessories intended for use with the above (such as sample handling equipment), intended to be used in industrial and non-industrial locations.

Keel: en
Alusdokumendid: EN IEC 61326-1:2021/prAA:2023
Muudab dokumenti: EVS-EN IEC 61326-1:2021

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN 1083-1

Power-driven brushes - Part 1: Definitions and nomenclature

This document defines terms which are used to describe power-driven brushes and strip brushes and describes the designation system. This document does not cover brushes for car wash sites, vacuum cleaners, carpet cleaning machines, sewer and street cleaning machines, dental brushes, brushes for sealing and stripping.

Keel: en
Alusdokumendid: prEN 1083-1
Asendab dokumenti: EVS-EN 1083-1:1999

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN 1083-2

Power-driven brushes - Part 2: Safety requirements

This document specifies requirements and measures for removal or reduction of hazards resulting from the design and application of power-driven brushes. NOTE Power-driven brushing tools are e.g. cup brushes, wheel brushes, end brushes, disc brushes, tube brushes and head brushes. This document also contains procedures and tests for verification of compliance with the requirements as well as safety information for use, which is to be made available to the user by the manufacturer. This document does not apply to cylinder brushes and strip brushes, brushes for car washing, vacuum cleaners, floor cleaning, drain and street cleaning machines and dental brushes.

Keel: en
Alusdokumendid: prEN 1083-2
Asendab dokumenti: EVS-EN 1083-2:1999

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 15610

Specification and qualification of welding procedures for metallic materials - Qualification based on tested welding consumables (ISO/FDIS 15610:2023)

This document specifies how a welding procedure can be qualified by using tested welding consumable data. It expands on the requirements given in ISO 15607. In addition, it gives the range of qualification. Application of this document is limited to parent material groups 1.1, 8.1, 21, 22.1 and 22.2 in accordance with ISO/TR 15608, which produce acceptable microstructures and properties in the heat-affected zone which do not deteriorate significantly in service. This document is limited to: — parent material thicknesses $t \leq 40$ mm (groups 1.1 and 8.1) and $t \leq 20$ mm (groups 21, 22.1 and 22.2); — fillet welds with throat thickness $a \geq 1$ mm. This document is not applicable when any of the following is specified for the welded joint: a) hardness; b) impact properties; c) preheating; d) controlled heat input; e) interpass temperature; f) post-weld heat treatment. The use of this document can also be restricted by an application standard, specification or other documents.

Keel: en
Alusdokumendid: ISO/FDIS 15610; prEN ISO 15610
Asendab dokumenti: EVS-EN ISO 15610:2023

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 28721-2

Vitreous and porcelain enamels - Glass-lined apparatus for process plants - Part 2: Designation and specification of resistance to chemical attack and thermal shock (ISO/DIS 28721-2:2023)

ISO 28721-2:2015 specifies requirements for the resistance to chemical attack and thermal shock of chemical enamels and their designation for ordering purposes. It is applicable to enamelled apparatus, piping and other components primarily used for process equipment in chemical plants. It only applies to unalloyed and low-alloy carbon steels suitable for enamelling. NOTE The main criteria for assessing enamel quality are the resistance to chemical attack and thermal shock and the structure of the cover coat enamel.

Keel: en
Alusdokumendid: ISO/DIS 28721-2; prEN ISO 28721-2
Asendab dokumenti: EVS-EN ISO 28721-2:2015

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO/ASTM 52929

Additive manufacturing of metals - Powder bed fusion - Presentation of material properties in material data sheets (ISO/ASTM DIS 52929:2023)

This document specifies basic content and relevant parameters to be reported in material data sheets. Individual additions and extensions are permissible. This document is intended for manufacturers of PBF-LB/M or PBF-EB/M equipment, powder suppliers, service providers and users of the additively manufactured components.

Keel: en

27 ELEKTRI- JA SOOJUSENERGEETIKA

EN 14825:2022/prA1

Air conditioners, liquid chilling packages and heat pumps, with electrically driven compressors, for space heating and cooling, commercial and process cooling - Testing and rating at part load conditions and calculation of seasonal performance

This document is applicable to air conditioners, heat pumps and liquid chilling packages, including comfort and process chillers. It applies to factory made units defined in EN 14511-1, except single duct, double duct, control cabinet and close control units. It also covers direct exchange-to-water(brine) heat pumps (DX-to-water(brine)) as defined in EN 15879-1. This document also applies to hybrid units as defined in this standard. This document specifies the temperatures, part load conditions and the calculation methods for the determination of seasonal energy efficiency SEER and SEERon, seasonal space cooling energy efficiency $\eta_{s,c}$, seasonal coefficient of performance SCOP, SCOPon and SCOPnet, seasonal space heating energy efficiency $\eta_{s,h}$ and seasonal energy performance ratio SEPR. Such calculation methods can be based on calculated or measured values. In case of measured values, this document specifies the test methods for determination of capacities, EER and COP values during active mode at part load conditions. It also establishes test methods for power input during thermostat-off mode, standby mode, off mode and crankcase heater mode. NOTE 1 The word "unit" is used instead of the full terms of the products. NOTE 2 The word "heating" is used to refer to space heating.

Keel: en

Alusdokumendid: EN 14825:2022/prA1

Muudab dokumenti: EVS-EN 14825:2022

Arvamusküsitluse lõppkuupäev: 30.12.2023

29 ELEKTROTEHNIKA

prEN IEC 61788-27:2023

Twist pitch measurement of practical superconducting wires - Twist pitch measurement method of NbTi and Nb3Sn composite superconductors

This International Standard specifies a test method for the twist pitch measurement of Nb-Ti 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 μ m to 200 μ m, a twist pitch between 5 mm to 50 mm, and a matrix of copper or copper alloy. This standard uses nitric acid to remove the matrix (copper or copper alloy), so the surface of the composite superconducting wire is allowed to be plated with a material that is dissolvable by nitric acid. Though uncertainty may increase, the method could apply to Nb-Ti/Cu or Nb-Sn/Cu composite superconducting wires when the parameters of cross-sectional area, filament diameter and/or twist pitch are out of the limit. The test method described in this standard is expected to apply to other types of composite superconducting wires after some appropriate modifications.

Keel: en

Alusdokumendid: 90/507/CDV; prEN IEC 61788-27:2023

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN IEC 61810-7-29:2023

Electrical relays - Tests and Measurements - Part 7-29: Capacitance

This part of IEC 61810-7 is used for testing along with the appropriate severities and conditions for measurements and tests designed to assess the ability of specimens to perform under expected conditions of transportation, storage and all aspects of operational use. It specifies how to investigate that the capacitances formed by parts of a relay do not exceed specified limits.

Keel: en

Alusdokumendid: 94/954/CDV; prEN IEC 61810-7-29:2023

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN IEC 61810-7-31:2023

Electrical relays - Tests and Measurements - Part 7-31: Magnetic Remanence

This part of IEC 61810-7 is used for testing along with the appropriate severities and conditions for measurements and tests designed to assess the ability of specimens to perform under expected conditions of transportation, storage and all aspects of operational use. The object of this test is to investigate the effect of remanence in the magnetic circuit of relays with DC coil.

Keel: en

Alusdokumendid: 94/955/CDV; prEN IEC 61810-7-31:2023

Arvamusküsitluse lõppkuupäev: 30.12.2023

[prEN IEC 61810-7-32:2023](#)

Electrical relays - Tests and Measurements - Part 7-32: Acoustic Noise

This part of IEC 61810-7 is used for testing along with the appropriate severities and conditions for measurements and tests designed to assess the ability of specimens to perform under expected conditions of transportation, storage and all aspects of operational use. This object of this test is to define a standard test method for the investigation of the effect of acoustic noise in conjunction with the operating, releasing and cycling noise of a relay and the immunity of a relay to acoustic noise.

Keel: en

Alusdokumendid: 94/956/CDV; prEN IEC 61810-7-32:2023

Arvamusküsitluse lõppkuupäev: 30.12.2023

[prEN IEC 61810-7-9:2023](#)

Electrical relays - Tests and Measurements - Part 7-9: Climatic tests

This part of IEC 61810-7 offers methods to determine the ability of the relay to withstand certain climatic test conditions, a sequence of such climatic test conditions or climatic storage conditions.

Keel: en

Alusdokumendid: 94/953/CDV; prEN IEC 61810-7-9:2023

Arvamusküsitluse lõppkuupäev: 30.12.2023

[prEN IEC 61995-1:2023](#)

Devices for the connection of luminaires for household and similar purposes - Part 1: General requirements

This document applies to devices for the connection of luminaires (DCL) intended for household and similar purposes, for the electrical connection of fixed luminaires of class I or class II to final circuits rated at not more than 16 A without mechanical support for the luminaires incorporated in the plug/outlet interface. The DCL retention mechanisms are not intended to support the weight of the luminaires. DCL plugs and outlets have a rated current of 6 A. DCL outlets have an earthing contact. The rated voltage is 125 V or 250 V at 50/60 Hz. DCL with additional suspension means are limited to a maximum mass of 5 kg. DCL plugs and DCL outlets complying with this document are suitable for use at ambient temperatures not normally exceeding +40 °C, but their average over a period of 24 h does not exceed +35 °C, with a lower limit of the ambient air temperature of -5 °C. DCLs are intended for use according to their IP rating as specified in IEC 60529. This document gives additional requirements for DCL accessories provided with insulation-piercing terminals, see Annex B (normative).

Keel: en

Alusdokumendid: 23B/1477/CDV; prEN IEC 61995-1:2023

Asendab dokumenti: EVS-EN 61995-1:2008

Asendab dokumenti: EVS-EN 61995-1:2008/A1:2017

Asendab dokumenti: EVS-EN 61995-1:2008/A11:2021

Arvamusküsitluse lõppkuupäev: 30.12.2023

[prEN IEC 61995-1:2023/prAA:2023](#)

Devices for the connection of luminaires for household and similar purposes - Part 1: General requirements

Amendment to prEN IEC 61995-1:2023

Keel: en

Alusdokumendid: prEN IEC 61995-1:2023/prAA:2023

Muudab dokumenti: prEN IEC 61995-1:2023

Arvamusküsitluse lõppkuupäev: 30.12.2023

[prEN IEC 61995-2:2023](#)

Devices for the connection of luminaires for household and similar purposes - Part 2: Standard sheets for dcl

This document, which is to be used in conjunction with IEC 61995-1, applies to devices for the connection of luminaires (DCL) 250 V, 6 A AC intended for household and similar purposes, for the electrical connection of fixed luminaires. It defines an interface design as described in the given standard sheets.

Keel: en

Alusdokumendid: 23B/1478/CDV; prEN IEC 61995-2:2023

Asendab dokumenti: EVS-EN 61995-2:2009

Asendab dokumenti: EVS-EN 61995-2:2009/A1:2017

Arvamusküsitluse lõppkuupäev: 30.12.2023

[prEN IEC 62305-3:2023](#)

Protection against lightning - Part 3: Physical damage to structures and life hazard

This part of IEC 62305 provides the requirements for protection of a structure against physical damage by means of a lightning protection system (LPS), and for protection against injury to human beings due to touch and step voltages in the vicinity of an LPS (see IEC 62305-1). 354 This document is applicable to the: a) design, installation, inspection and maintenance of an LPS for

structures without limitation of their height, b) establishment of measures for protection against injury to human beings due to touch and step voltages. NOTE 1 Specific requirements for an LPS in structures dangerous to their surroundings due to the risk of explosion are provided in Annex C. NOTE 2 This document is not intended to provide protection against failures of electrical and electronic systems due to overvoltages. Specific requirements for such cases are provided in IEC 62305-4. NOTE 3 Specific requirements for the protection against lightning of wind turbines are reported in IEC 61400-24. NOTE 4: Specific requirements for the protection against overvoltage of photovoltaic systems are reported in IEC 61643-32 and in Annex F of IEC 62305-4.

Keel: en

Alusdokumendid: IEC 62305-3 ED3; prEN IEC 62305-3:2023

Asendab dokumenti: EVS-EN 62305-3:2011

Arvamusküsitluse lõppkuupäev: 30.11.2023

31 ELEKTROONIKA

prEN IEC 62878-2-603:2023

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

This document 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.

Keel: en

Alusdokumendid: 91/1901/CDV; prEN IEC 62878-2-603:2023

Arvamusküsitluse lõppkuupäev: 30.12.2023

33 SIDETEHNIKA

EN IEC 61326-1:2021/prAA:2023

Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements

This part of EN 61326 is a product family standard specifying requirements for immunity and emissions regarding electromagnetic compatibility (EMC) for electrical equipment, operating from a supply or battery of less than 1 000 V AC or 1 500 V DC or from the circuit being measured. Equipment intended for professional, industrial-process, industrial-manufacturing and educational use is covered by this part. It includes equipment and computing devices for - measurement and test; - control; - LABORATORY use; - accessories intended for use with the above (such as sample handling equipment), intended to be used in industrial and non-industrial locations.

Keel: en

Alusdokumendid: EN IEC 61326-1:2021/prAA:2023

Muudab dokumenti: EVS-EN IEC 61326-1:2021

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN 303 798 V2.0.1

Intelligent Transport Systems (ITS); LTE-V2X and NR-V2X Access layer specification for Intelligent Transport Systems operating in the 5 GHz frequency band; Release 2

The present document defines the physical layer, the data link layer and radio resource configuration, grouped into the access layer of the ITS station reference architecture ETSI TS 103 898. The access layer technology that is specified in the present document refers to what is known as the sidelink or PC5 interface of cellular V2X for the following frequency bands: • Operation in frequency band dedicated to ITS for safety related applications in the frequency range 5,875 GHz to 5,925 GHz. • Operation in frequency bands dedicated to ITS non-safety applications in the frequency range 5,855 GHz to 5,875 GHz. The present document is a revision of ETSI EN 303 613, and extends the LTE-V2X access layer specification to include NR-V2X.

Keel: en

Alusdokumendid: Draft ETSI EN 303 798 V2.0.1

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN 319 142-1 V1.2.0

Electronic Signatures and Infrastructures (ESI); PAdES digital signatures; Part 1: Building blocks and PAdES baseline signatures

The present document specifies PAdES digital signatures. PAdES signatures build on PDF signatures specified in ISO 32000-1 with an alternative signature encoding to support digital signature formats equivalent to the signature format CADES as specified in ETSI EN 319 122-1, by incorporation of signed and unsigned attributes, which fulfil certain common requirements (such as the long term validity of digital signatures) in a number of use cases. The present document specifies formats for PAdES baseline signatures, which provide the basic features necessary for a wide range of business and governmental use cases for electronic procedures and communications to be applicable to a wide range of communities when there is a clear need for interoperability of digital signatures used in electronic documents. The present document defines four levels of PAdES baseline signatures addressing incremental requirements to maintain the validity of the signatures over the long term, in a way that a certain level always addresses all the requirements addressed at levels that are below it. Each level requires the presence of certain PAdES

attributes, suitably profiled for reducing the optionality as much as possible. Procedures for creation, augmentation, and validation of PAdES digital signatures are out of scope and specified in ETSI EN 319 102-1. Guidance on creation, augmentation and validation of PAdES digital signatures including the usage of the different attributes defined in the present document is provided in ETSI TR 119 100. The present document aims at supporting electronic signatures in different regulatory frameworks. NOTE: Specifically but not exclusively, PAdES digital signatures specified in the present document aim at supporting electronic signatures, advanced electronic signatures, qualified electronic signatures, electronic seals, advanced electronic seals, and qualified electronic seals as per Regulation (EU) No 910/2014.

Keel: en

Alusdokumendid: Draft ETSI EN 319 142-1 V1.2.0

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN IEC 60794-1-218:2023

Optical fibre cables - Part 1-218: Generic specification - Basic optical cable test procedures - Environmental test methods - Mid-span temperature cycling test for exposed optical units, method f18

This part of IEC 60794 defines test procedures to be used in establishing uniform requirements for the environmental performance of • optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and • cables having a combination of both optical fibres and electrical conductors. Throughout this document, the wording "optical cable" can also include optical fibre units, microduct fibre units, etc. This document defines a test standard to determine the ability of optical units from a cable exposed in a mid-span entry (expressed) and stored in a pedestal, closure or similar to withstand the effects of temperature cycling by observing changes in attenuation. The optical units can also include loose tubes, tight buffer tubes, and ribbons. See IEC 60794-1-2 for a reference guide to test methods of all types and for general requirements and definitions.

Keel: en

Alusdokumendid: 86A/2370/CDV; prEN IEC 60794-1-218:2023

Arvamusküsitluse lõppkuupäev: 30.12.2023

35 INFOTEHNOLOOGIA

prEN 17240

Intelligent transport systems - ESafety - ECall end to end conformance testing for IMS packet switched based systems

This document defines the key actors in the eCall chain of service provision using IMS over packet switched networks (such as LTE/4G) as: 1) In-vehicle system (3.20) (IVS)/vehicle, 2) Mobile network Operator (MNO), 3) Public safety answering point (3.27) (PSAP), and to provide conformance tests for actor groups 1) - 3). NOTE 1 Conformance tests are not appropriate nor required for vehicle occupants (3.36), although they are the recipient of the service. NOTE 2 Third party eCall systems (TPS eCall) are not within the scope of this deliverable. This is because the core TPS-eCall (3.32) standard (EN 16102) does not specify the communications link between the vehicle and the TPS service provider (3.29). NOTE 3 These conformance tests are based on the appropriate conformance tests from EN 16454 which was published before Internet Protocol multimedia Systems (IMS) packet switched networks were available. This deliverable therefore replicates the appropriate tests from EN 16454 (and acknowledge their source); adapt and revise Conformance Test Protocols (CTP) from EN 16454 to an IMS paradigm; or provide new additional tests that are required for the IMS paradigm. Some 14 112-eCall (Pan European eCall) tests provided in EN 16454 are specific to GSM/UMTS circuit switched communications and not appropriate for the IMS paradigm and are therefore excluded from this deliverable. This document therefore provides a suite of ALL conformance tests for IVS equipment, MNO's, and PSAPs, required to ensure and demonstrate compliance to CEN/TS 17184. NOTE 4 Because in the event of non-viability or non-existence of an IMS supporting network at any particular time/location, IMS-eCall systems revert to CS networked eCall systems eCall via GSM/UMTS, IVS and PSAPs need to support, and prove compliance to both IMS and CS switched networks. The Scope covers conformance testing (and approval) of new engineering developments, products and systems, and does not imply testing associated with individual installations in vehicles or locations.

Keel: en

Alusdokumendid: prEN 17240

Asendab dokumenti: CEN/TS 17240:2018

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 21860

Health Informatics - Reference standards portfolio (RSP) - Clinical imaging (ISO 21860:2020)

This document establishes the Reference Standards Portfolio (RSP) for the clinical imaging domain (as defined in Clause 4). An RSP lists the principle health information technology (HIT) standards that form the basis of implementing and deploying interoperable applications in the target domain. An RSP includes a description of the domain, a normative list of standards, and an informative framework for mapping the standards to example deployment use cases. The lists do not include standards that are specifically national in scope. The primary target audience for this document is policy makers (governmental or organizational), regulators, project planners and HIT managers. This document will also be of interest to other stakeholders such as equipment and HIT vendors, clinical and health information management (HIM) professionals and standards developers. The intended usage of this document is to inform decisions about selecting the standards that will form the basis of integration projects in geographic regions or healthcare organizations. For example: — What standards to use for capturing/encoding/exchanging certain types of information — What standards to use for interfaces between the devices and information systems that support information capture, management, exchange, processing and use — What standards to use for specific use cases/deployment scenarios The selected standards, and/or corresponding RSP clauses, might be useful when drafting project specifications. Figure 1 shows the conceptual organization of this document. The top part represents individual HIT standards grouped under semantic, technical

and functional interoperability categories. The bottom part shows use cases for example implementation projects with a selected list of standards.

Keel: en

Alusdokumendid: ISO 21860:2020; prEN ISO 21860

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 9241-112

Ergonomics of human-system interaction - Part 112: Principles for the presentation of information (ISO/DIS 9241-112:2023)

ISO 9241-112:2017 establishes ergonomic design principles for interactive systems related to the software-controlled presentation of information by user interfaces. It applies to the three main modalities (visual, auditory, tactile/haptic) typically used in information and communication technology. These principles apply to the perception and understanding of presented information. These principles are applicable in the analysis, design, and evaluation of interactive systems. This document also provides recommendations corresponding to the principles. The recommendations for each of the principles are not exhaustive and are not necessarily independent from one another. While this document is applicable to all types of interactive systems, it does not cover the specifics of particular application domains. This document also applies to outputs from interactive systems (such as printed documents, e.g. invoices). The guidance in this document for presenting information is aimed at helping the user to accomplish tasks. This guidance is not aimed at the presentation of information for other reasons (e.g. corporate branding or advertising). It is intended for the following types of users: - user interface designers, who will apply the guidance during the development process; - developers, who will apply the guidance during design and implementation of system functionality; - evaluators, who are responsible for ensuring that products meet the recommendations; - designers of user interface development tools and style guides to be used by user interface designers; - project managers, who are responsible for managing development processes; - buyers, who will reference this document during product procurement.

Keel: en

Alusdokumendid: ISO/DIS 9241-112; prEN ISO 9241-112

Asendab dokumenti: EVS-EN ISO 9241-112:2017

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO/IEC 23894

Information technology - Artificial intelligence - Guidance on risk management (ISO/IEC 23894:2023)

This document provides guidance on how organizations that develop, produce, deploy or use products, systems and services that utilize artificial intelligence (AI) can manage risk specifically related to AI. The guidance also aims to assist organizations to integrate risk management into their AI-related activities and functions. It moreover describes processes for the effective implementation and integration of AI risk management. The application of these guidance can be customized to any organization and its context.

Keel: en

Alusdokumendid: ISO/IEC 23894:2023; prEN ISO/IEC 23894

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEVS-ISO/IEC 20000-3

Infotehnoloogia. Teenusehaldus. Osa 3: Juhised standardi ISO/IEC 20000-1 käsitlusala määratlemise ja kohaldatavuse kohta

Information technology - Service management - Part 3: Guidance on scope definition and applicability of ISO/IEC 20000-1(ISO/IEC 20000-3:2019, identical)

See dokument sisaldab juhiseid standardi ISO/IEC 20000-1 käsitlusala määratlemise ja selles standardis spetsifitseeritud nõuetele kohaldatavuse kohta. See dokument võib aidata kindlaks teha, kas ISO/IEC 20000-1 on organisatsiooni olukorrale kohaldatav. Ta illustreerib seda, kuidas SMSi käsitlusala saab määratleda, olenemata sellest, kas organisatsioonil on kogemusi teiste haldussüsteemide käsitlusala määratlemisel. Selles dokumendis olevad juhised võivad aidata organisatsioonil kavandada ja valmistada vastavushindamiseks vastavalt standardile ISO/IEC 20000-1. Lisa A sisaldab võimalike SMSi käsitlusala avalduste näiteid. Toodud näidetes kasutatakse organisatsioonide jaoks mitmeid stsenaariume, mis ulatuvad väga lihtsatest kuni keerukate teenuse tarneahelateni. Seda dokumenti saavad kasutada nii SMSi rakendamise plaanimise eest vastutavad töötajad kui ka hindajad ja konsultandid. Ta täiendab standardis ISO/IEC 20000-2 antud SMSi rakendamise juhiseid. Nõuded SMSi auditit ja sertifitseerimist pakkuvatele asutustele võib leida standardist ISO/IEC 20000-6, mis soovib kasutada käesolevat dokumenti.

Keel: en

Alusdokumendid: ISO/IEC 20000-3:2019

Asendab dokumenti: EVS-ISO/IEC 20000-3:2013

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEVS-ISO/IEC 2382-36

Infotehnoloogia. Sõnastik. Osa 36: Õppimine, koolitus ja praktika

Information technology -- Vocabulary -- Part 36: Learning, education and training (ISO/IEC 2382-36:2019, identical)

See dokument annab terminid ja määratlused õppimise, hariduse ja koolituse alal, rahvusvahelise suhtluse edendamiseks selles valdkonnas. Ühtlasi piiritleb ja esitab see dokument sisemised seosed sõnavaras, tagades sidusa ja ühtlustatud käsitlusviisi.

Keel: en
Alusdokumendid: ISO/IEC 2382-36:2019
Arvamusküsitluse lõppkuupäev: 30.12.2023

47 LAEVAEHITUS JA MERE-EHITISED

prEN 711

Inland navigation vessels - Railings for decks and side decks - Requirements, designs and types

This document is applicable to railings for decks and in gangways on inland navigation vessels. It lays down design, dimensions, strength and test conditions which have to be observed for safety reasons. The railings provide protection for persons against falling overboard and from one deck to another.

Keel: en
Alusdokumendid: prEN 711
Asendab dokumenti: EVS-EN 711:2016

Arvamusküsitluse lõppkuupäev: 30.12.2023

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN 16422

Classification of thermoregulatory properties

This document specifies test methods available for the measurement of thermoregulatory properties of textile materials for use in clothing and gives guidance on the most suitable methods for selection where choices are available to the user. This document also establishes classification of the thermoregulatory properties in three performance levels. This document does not apply to the thermoregulatory properties of Personal Protective Equipment (PPE) and clothing items or textile products for which a standard already specifies a particular requirement. This document does not apply also to heated textile, phase change materials (PCM) and similar smart materials for thermoregulation, for which CEN ISO/TR 23383 can give better guidance.

Keel: en
Alusdokumendid: prEN 16422
Asendab dokumenti: CEN/TR 16422:2012

Arvamusküsitluse lõppkuupäev: 30.12.2023

61 RÕIVATÖÖSTUS

prEN ISO 16179

Footwear - Critical substances potentially present in footwear and footwear components - Determination of organotin compounds in footwear materials (ISO/DIS 16179:2023)

This standard specifies a test method for determining the presence of organotin compounds. This test method is applicable to all types of footwear materials.

Keel: en
Alusdokumendid: ISO/DIS 16179; prEN ISO 16179
Asendab dokumenti: CEN ISO/TS 16179:2012

Arvamusküsitluse lõppkuupäev: 30.12.2023

65 PÕLLUMAJANDUS

prEN 13031-2

Greenhouses: Design and construction - Part 2: Greenhouses in garden centres open to the public

This document specifies principles and requirements for the estimation of controlled snow loads on the transparent cladding of greenhouses open to the public. Fire resistance-related aspects are not covered in this document.

Keel: en
Alusdokumendid: prEN 13031-2

Arvamusküsitluse lõppkuupäev: 30.12.2023

71 KEEMILINE TEHNOLOOGIA

prEN 15119-1

Durability of wood and wood-based products - Determination of emissions from preservative treated wood to the environment - Part 1: Wood held in the storage yard after treatment and wooden commodities exposed in Use Class 3 (not covered, not in contact with the ground) - Laboratory method

This document describes a laboratory method for obtaining water samples from preservative treated wood exposed out of ground contact (wood held in the storage yard after treatment and which has been in conditions designed to simulate outdoor, out of ground contact situations), at increasing time intervals after exposure.

Keel: en

Alusdokumendid: prEN 15119-1

Asendab dokumenti: CEN/TS 15119-1:2018

Arvamusküsitluse lõppkuupäev: 30.12.2023

75 NAFTA JA NAFTATEHNOLOOGIA

prEVS-ISO 4266-1

Toornafta ja vedelad naftatooted. Vedelikutaseme ja temperatuuri automaatne mõõtmine mahutites. Osa 1: Vedelikutaseme mõõtmine tavarõhumahutites

Petroleum and liquid petroleum products — Measurement of level and temperature in storage tanks by automatic methods — Part 1: Measurement of level in atmospheric tanks (ISO 4266-1:2023, identical)

See dokument esitab nõuded ja juhised automaatsete nivoomõõturite (automatic level gauges - ALG) täpsuse, paigalduse, kasutuselevõtu, kalibreerimise ja vastavuse hindamise kohta. See rakendub nii kontaktset kui ka kontaktivaba tüüpi automaatsetele nivoomõõturitele, mida kasutatakse rahaliste tehingute/valdaja vahetuse aluseks olevates rakendustes tavarõhumahutites hoiustatavate vähem kui 100 kPa Reidi aururõhuga toornafta ja naftasaaduste vedelikutaseme mõõtmisel. See dokument ei ole rakendatav ALG-ga vedelikutaseme mõõtmisel külmikmahutites.

Keel: en

Alusdokumendid: ISO 4266-1:2023

Asendab dokumenti: EVS-ISO 4266-1:2007

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEVS-ISO 4266-4

Toornafta ja vedelad naftatooted. Vedelikutaseme ja temperatuuri automaatne mõõtmine mahutites. Osa 4: Temperatuuri mõõtmine tavarõhumahutites

Petroleum and liquid petroleum products — Measurement of level and temperature in storage tanks by automatic methods — Part 4: Measurement of temperature in atmospheric tanks (ISO 4266-4:2023, identical)

See dokument esitab nõuded ja juhised rahaliste tehingute/valdaja vahetuse aluseks olevates rakendustes kasutatavate automaatsete mahuti termomeetrite (automatic tank thermometers - ATT) täpsuse, paigalduse, kasutuselevõtu, kalibreerimise ja vastavuse hindamise kohta. ATTd kasutatakse tavarõhumahutites hoiustatavate vähem kui 100 kPa Reidi aururõhuga toornafta ja naftasaaduste temperatuuri mõõtmisel. See dokument ei ole rakendatav temperatuuri mõõtmisel koobasmahutites või külmikmahutites.

Keel: en

Alusdokumendid: ISO 4266-4:2023

Asendab dokumenti: EVS-ISO 4266-4:2007

Arvamusküsitluse lõppkuupäev: 30.12.2023

77 METALLURGIA

EN ISO 10062:2022/prA1

Corrosion tests in artificial atmosphere at very low concentrations of polluting gas(es) - Amendment 1: Footnote of warning (ISO 10062:2022/DAM 1:2023)

Amendment to EN ISO 10062:2022

Keel: en

Alusdokumendid: ISO 10062:2022/DAMd 1; EN ISO 10062:2022/prA1

Muudab dokumenti: EVS-EN ISO 10062:2022

Arvamusküsitluse lõppkuupäev: 30.12.2023

EN ISO 9227:2022/prA1

Corrosion tests in artificial atmospheres - Salt spray tests - Amendment 1: Footnote of warning (ISO 9227:2022/DAM 1:2023)

Amendment to EN ISO 9227:2022

Keel: en

Alusdokumendid: ISO 9227:2022/DAMd 1; EN ISO 9227:2022/prA1

Muudab dokumenti: EVS-EN ISO 9227:2022

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 6506-1

Metallic materials - Brinell hardness test - Part 1: Test method (ISO/DIS 6506-1:2023)

ISO 6506-1:2014 specifies the method for the Brinell hardness test for metallic materials. It is applicable to both fixed location and portable hardness testing machines. For some specific materials and/or products, particular International Standards exist (e.g. ISO 4498) and make reference to this International Standard.

Keel: en

Alusdokumendid: ISO/DIS 6506-1; prEN ISO 6506-1

Asendab dokumenti: EVS-EN ISO 6506-1:2014

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 6506-2

Metallic materials - Brinell hardness test - Part 2: Verification and calibration of testing machines (ISO/DIS 6506-2:2023)

ISO 6506-2:2017 specifies methods of direct and indirect verification of testing machines used for determining Brinell hardness in accordance with ISO 6506-1 and also specifies when these two types of verification have to be performed. The direct verification involves checking that individual machine performance parameters fall within specified limits whereas the indirect verification utilizes hardness measurements of reference blocks, calibrated in accordance with ISO 6506-3, to check the machine's overall performance. If a testing machine is also to be used for other methods of hardness testing, it has to be verified independently for each method. ISO 6506-2:2017 is applicable to both fixed location and portable hardness testing machines. For machines that are incapable of satisfying the specified force-time profile, the direct verification of force and testing cycle can be modified by the use of Annex B.

Keel: en

Alusdokumendid: ISO/DIS 6506-2; prEN ISO 6506-2

Asendab dokumenti: EVS-EN ISO 6506-2:2018

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 6506-3

Metallic materials - Brinell hardness test - Part 3: Calibration of reference blocks (ISO/DIS 6506-3:2023)

ISO 6506-3:2014 specifies a method for the calibration of reference blocks to be used in the indirect verification of Brinell hardness testing machines as described in ISO 6506-2. The procedures necessary to ensure metrological traceability of the calibration machine are also specified.

Keel: en

Alusdokumendid: ISO/DIS 6506-3; prEN ISO 6506-3

Asendab dokumenti: EVS-EN ISO 6506-3:2014

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 9351

Galvanic anodes for cathodic protection in seawater and saline sediments(ISO/DIS 9351:2023)

The proposed Standard, based upon a revised and updated EN 12496: 2013 will specify the minimum requirements and give recommendations for the chemical composition, the electrochemical properties, the physical tolerances, and the test and inspection procedures for cast galvanic anodes of aluminium, magnesium and zinc alloys for cathodic protection in sea water and saline mud. The Standard will be applicable to the majority of galvanic anodes used for seawater and saline mud applications, i.e. cast anodes of trapezoidal, "D", or circular cross section and bracelet type anodes. The general requirements and recommendations of this proposed Standard may also be applied to other anode shapes, e.g. half-spherical, button, etc., which are sometimes used for seawater applications. Applications for this Standard are in offshore renewables, flood defences, offshore oil and gas, offshore or submarine pipelines, ports and harbours, ships and all applications in which galvanic anodes are used for cathodic protection in sea water and saline muds. Work is proposed to be undertaken in parallel between ISO TC 156 WG 10 and CEN TC 219 WG3, under ISO lead in accordance with the Vienna Convention. This scope is agreed in principle by both parties.

Keel: en

Alusdokumendid: ISO/DIS 9351; prEN ISO 9351

Asendab dokumenti: EVS-EN 12496:2013

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 9658

Steel - Determination of aluminium content - Flame atomic absorption spectrometric method (ISO/DIS 9658:2023)

The method is applicable to the determination of acid-soluble and/or total aluminium content between 0,005 % (m/m) and 0,20 % (m/m). Specifies definition, principle, reagents, apparatus, sampling, procedure, expression of results and test report. The annexes give additional information on the international co-operative tests, a graphical representation of precision data and procedures for the determination of instrumental criteria.

Keel: en

Alusdokumendid: ISO/DIS 9658; prEN ISO 9658

Asendab dokumenti: EVS-EN 29658:2003

Arvamusküsitluse lõppkuupäev: 30.12.2023

83 KUMMI- JA PLASTITÖÖSTUS

prEN 17308

Materials produced from end of life tyres - Steel wire - Determination of the non-metallic content

This document provides two different methods for the quantitative estimation of non-metallic content remaining adhered to the steel wire obtained from the recovery of materials from end-of-life tyres. The pyrolysis method is considered as the reference method while the hydrostatic method is considered as an in-situ method. This document includes sample collection and the preparation of representative samples based on a sampling plan for the purpose of their characterization. This document does not cover the operational performance or fitness for use of the materials which are deemed to be a function of agreements between the manufacturer and the customer. This document does not purport to address all the safety concerns, if any, associated with its use. This document does not establish appropriate safety and health practices and does not determine the applicability of regulatory limitations prior to its use.

Keel: en

Alusdokumendid: prEN 17308

Asendab dokumenti: CEN/TS 17308:2019

Arvamusküsitluse lõppkuupäev: 30.12.2023

91 EHITUSMATERJALID JA EHITUS

EN 14825:2022/prA1

Air conditioners, liquid chilling packages and heat pumps, with electrically driven compressors, for space heating and cooling, commercial and process cooling - Testing and rating at part load conditions and calculation of seasonal performance

This document is applicable to air conditioners, heat pumps and liquid chilling packages, including comfort and process chillers. It applies to factory made units defined in EN 14511-1, except single duct, double duct, control cabinet and close control units. It also covers direct exchange-to-water(brine) heat pumps (DX-to-water(brine)) as defined in EN 15879-1. This document also applies to hybrid units as defined in this standard. This document specifies the temperatures, part load conditions and the calculation methods for the determination of seasonal energy efficiency SEER and SEERon, seasonal space cooling energy efficiency $\eta_{s,c}$, seasonal coefficient of performance SCOP, SCOPon and SCOPnet, seasonal space heating energy efficiency $\eta_{s,h}$ and seasonal energy performance ratio SEPR. Such calculation methods can be based on calculated or measured values. In case of measured values, this document specifies the test methods for determination of capacities, EER and COP values during active mode at part load conditions. It also establishes test methods for power input during thermostat-off mode, standby mode, off mode and crankcase heater mode. NOTE 1 The word "unit" is used instead of the full terms of the products. NOTE 2 The word "heating" is used to refer to space heating.

Keel: en

Alusdokumendid: EN 14825:2022/prA1

Muudab dokumenti: EVS-EN 14825:2022

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN 1169

Precast concrete products - General rules for factory production control of Glass fibre Reinforced Concrete

This document defines the general processes, procedures and rules for production and production control of Glass fibre Reinforced Concrete used to manufacture products commonly used in construction, civil engineering, architecture and other applications. Glass fibre reinforced concrete can be produced from a range of mix designs comprising various materials and manufactured by different processes. This standard covers two primary production processes, namely Sprayed Glass faser Reinforced Concrete and Premix Glass faser Reinforced Concrete. This document does not cover concrete, where the glass fibre does not act as primary reinforcement but is used as an additive. It does not cover but can be used as guidance for injection and extrusion manufacturing processes.

Keel: en

Alusdokumendid: prEN 1169

Asendab dokumenti: EVS-EN 1169:2001

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN 1170

Precast concrete products - Test methods for Glass fibre Reinforced Concrete

This document specifies test methods for identifying the performance of a Glass fibre Reinforced Concrete composition in terms of bending strength, water absorption, dry density, and dimensional variations. These methods can be used for type testing or for the evaluation of the uniformity of the production process. They can be used on Glass fibre Reinforced Concrete coupons prepared as described in this document, or on samples cut out of Glass fibre Reinforced Concrete products. A cyclic weathering type test is also described for information in Annex C.

Keel: en

Alusdokumendid: prEN 1170

Asendab dokumenti: EVS-EN 1170-1:2000

Asendab dokumenti: EVS-EN 1170-2:2000

Asendab dokumenti: EVS-EN 1170-3:2000

Asendab dokumenti: EVS-EN 1170-4:2000

Asendab dokumenti: EVS-EN 1170-5:2000

Asendab dokumenti: EVS-EN 1170-6:2000

Asendab dokumenti: EVS-EN 1170-7:2000

Asendab dokumenti: EVS-EN 1170-8:2008

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN 15191

Precast concrete products - Classification of Glass fibre Reinforced Concrete performance

This European Standard deals with the classification of Glass fibre Reinforced Concrete. This classification conforms to the needs of the design process of Glass fibre Reinforced Concrete components. This European Standard applies only if EN 1169 is followed. This standard does not include the design methods.

Keel: en

Alusdokumendid: prEN 15191

Asendab dokumenti: EVS-EN 15191:2010

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN IEC 62305-3:2023

Protection against lightning - Part 3: Physical damage to structures and life hazard

This part of IEC 62305 provides the requirements for protection of a structure against physical damage by means of a lightning protection system (LPS), and for protection against injury to human beings due to touch and step voltages in the vicinity of an LPS (see IEC 62305-1). 354 This document is applicable to the: a) design, installation, inspection and maintenance of an LPS for structures without limitation of their height, b) establishment of measures for protection against injury to human beings due to touch and step voltages. NOTE 1 Specific requirements for an LPS in structures dangerous to their surroundings due to the risk of explosion are provided in Annex C. NOTE 2 This document is not intended to provide protection against failures of electrical and electronic systems due to overvoltages. Specific requirements for such cases are provided in IEC 62305-4. NOTE 3 Specific requirements for the protection against lightning of wind turbines are reported in IEC 61400-24. NOTE 4: Specific requirements for the protection against overvoltage of photovoltaic systems are reported in IEC 61643-32 and in Annex F of IEC 62305-4.

Keel: en

Alusdokumendid: IEC 62305-3 ED3; prEN IEC 62305-3:2023

Asendab dokumenti: EVS-EN 62305-3:2011

Arvamusküsitluse lõppkuupäev: 30.11.2023

prEN ISO 20109

Simultaneous interpreting - Equipment - Requirements (ISO/DIS 20109:2023)

ISO 20109 specifies requirements for equipment used for simultaneous interpreting. Accessibility requirements are defined in Annex A. Requirements for booths furniture are defined in Annex B. Requirements on the system operation are defined in Annex C. In conjunction with either ISO 2603 or ISO 4043, ISO 20108 and this document provide the relevant requirements both for the quality and transmission of sound and image provided to interpreters and for the equipment needed in the booths.

Keel: en

Alusdokumendid: prEN ISO 20109; ISO/DIS 20109:2023

Asendab dokumenti: EVS-EN ISO 20109:2016

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 4064-1

Water meters for cold potable water and hot water - Part 1: Metrological and technical requirements (ISO/DIS 4064-1:2023)

This part of ISO 4064|OIML R 49 specifies the metrological and technical requirements for water meters for cold potable water and hot water flowing through a fully charged, closed conduit. These water meters incorporate devices which indicate the accumulated volume. In addition to water meters based on mechanical principles, this part of ISO 4064|OIML R 49 applies to devices based on electrical or electronic principles, and mechanical principles incorporating electronic devices, used to measure the volume of cold potable water and hot water. This part of ISO 4064|OIML R 49 also applies to electronic ancillary devices.

Ancillary devices are optional. However, it is possible for national or regional regulations to render some ancillary devices mandatory in relation to the utilization of water meters. NOTE Any national regulations apply in the country of use.

Keel: en

Alusdokumendid: ISO/DIS 4064-1; prEN ISO 4064-1

Asendab dokumenti: EVS-EN ISO 4064-1:2017

Asendab dokumenti: EVS-EN ISO 4064-1:2017+A11:2023

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 4064-2

Water meters for cold potable water and hot water - Part 2: Test methods (ISO/DIS 4064-2:2023)

This part of ISO 4064|OIML R 49 is applicable to the type evaluation and initial verification testing of water meters for cold potable water and hot water as defined in ISO 4064-1:xxx|OIML R 49-1:xxx. OIML Certificates of Conformity can be issued for water meters under the scope of the OIML Certificate System, provided that this part of ISO 4064|OIML R 49, ISO 4064-1:xxx|OIML R 49-1:xxx and ISO 4064-3:xxx|OIML R 49-3:xxx are used in accordance with the rules of the System. This part of ISO 4064|OIML R 49 sets out details of the test programme, principles, equipment and procedures to be used for the type evaluation, and initial verification of a meter type. The provisions of this part of ISO 4064|OIML R 49 also apply to ancillary devices, if required by national regulations. The provisions include requirements for testing the complete water meter and for testing the measurement transducer (including the flow or volume sensor) and the calculator (including the indicating device) of a water meter as separate units.

Keel: en

Alusdokumendid: ISO/DIS 4064-2; prEN ISO 4064-2

Asendab dokumenti: EVS-EN ISO 4064-2:2017

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 4064-3

Water meters for cold potable water and hot water - Part 3: Test report format (ISO/DIS 4064-3:2023)

ISO 4064-3:2014|OIML R 49-3:2013 specifies a test report format to be used in conjunction with ISO 4064-1:2014|OIML R 49-1:2013 and ISO 4064-2:2014|OIML R 49-2:2013 for water meters for cold potable water and hot water.

Keel: en

Alusdokumendid: ISO/DIS 4064-3; prEN ISO 4064-3

Asendab dokumenti: EVS-EN ISO 4064-3:2014

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 4064-4

Water meters for cold potable water and hot water - Part 4: Non-metrological requirements not covered in ISO 4064-1 (ISO/DIS 4064-4:2023)

ISO 4064-4:2014 applies to water meters used to meter the volume of cold potable water and hot water flowing through a fully charged, closed conduit. These water meters incorporate devices which indicate the integrated volume. ISO 4064-4:2014 specifies technical characteristics and pressure loss requirements for meters for cold potable water and hot water. It applies to water meters which can withstand: a) a maximum admissible working pressure (MAP) equal to at least 1 MPa [0,6 MPa for meters for use with pipe nominal diameters (DNs) ≥ 500 mm]; b) a maximum admissible temperature (MAT) for cold potable water meters of 30 °C; c) a MAT for hot water meters up to 180 °C, depending on class. In addition to meters based on mechanical principles, ISO 4064-4:2014 also applies to water meters based on electrical or electronic principles, and to water meters based on mechanical principles incorporating electronic devices, used to meter the volume flow of hot water and cold potable water. It also applies to electronic ancillary devices. As a rule ancillary devices are optional. However, national or international regulations may make some ancillary devices mandatory in relation to the utilization of the water meter.

Keel: en

Alusdokumendid: ISO/DIS 4064-4; prEN ISO 4064-4

Asendab dokumenti: EVS-EN ISO 4064-4:2014

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN ISO 4064-5

Water meters for cold potable water and hot water - Part 5: Installation requirements (ISO/DIS 4064-5:2023)

ISO 4064-5:2014 applies to water meters used to meter the volume of cold potable water and hot water flowing through a fully charged, closed conduit. These water meters incorporate devices which indicate the integrated volume. ISO 4064-5:2014 specifies criteria for the selection of single, combination and concentric water meters, associated fittings, installation, special requirements for meters, and the first operation of new or repaired meters to ensure accurate constant measurement and reliable reading of the meter. In addition to meters based on mechanical principles, ISO 4064-5:2014 also applies to water meters based on electrical or electronic principles, and to water meters based on mechanical principles incorporating electronic devices, used to measure the volume of cold potable water and hot water. It also applies to electronic ancillary devices. Ancillary devices are optional. However, national or international regulations may make some ancillary devices mandatory in relation to the utilization of the water meter. The recommendations of ISO 4064-5:2014 apply to water meters, irrespective of technology, defined as integrating measuring instruments continuously determining the volume of water flowing through them.

Keel: en

Alusdokumendid: ISO/DIS 4064-5; prEN ISO 4064-5
Asendab dokumenti: EVS-EN ISO 4064-5:2017
Asendab dokumenti: EVS-EN ISO 4064-5:2017/A11:2023
Asendab dokumenti: EVS-EN ISO 4064-5:2017+A11:2023

Arvamusküsitluse lõppkuupäev: 30.12.2023

93 RAJATISED

prEN 14504

Inland navigation vessels - Floating landing stages and floating bridges on inland waters - Requirements, tests

This document specifies safety requirements for floating landing stages and floating bridges for use by passengers and crew. Requirements for facilities for supply and waste disposals are not covered by this document. This document is not applicable to: — floating landing stages for motor vehicle traffic; — floating landing stages for recreational craft and inland navigation craft that are not vessels, e.g. floating equipment; — more severe requirements for floating landing stages used for the transshipment of dangerous goods; — any gangway required between vessel and floating landing stage; — specialized floating structures which are not used for passenger traffic or the berthing of vessels; — floating landing stages and bridges with equipment for cargo handling.

Keel: en

Alusdokumendid: prEN 14504

Asendab dokumenti: EVS-EN 14504:2019

Arvamusküsitluse lõppkuupäev: 30.12.2023

97 OLME. MEELELAHUTUS. SPORT

prEN 50733

Electric forced convection ovens, steam cookers and combination ovens for professional use - Test methods for measuring the performance

This document applies to electric forced convection ovens, steam cookers and combination ovens for professional use. These appliances are used in professional kitchens, such as restaurants, canteens, hospitals and in businesses such as butcher shops. NOTE 1 These appliances are designed for one or more of the following cooking methods: blanching, frying, steaming, proofing, roasting, toasting, au gratin, sous vide cooking, etc This document does not apply to: — appliances that exclusively perform rethermalizing processes; NOTE 2 Rethermalizing process is used for maintaining the temperature of hot food and for the warming of pre-cooked food (e.g. hot cupboard). - pizza ovens; - bakery ovens; - static ovens; - pressure steam ovens; - appliances designed exclusively for industrial purposes. The purpose is to define the principal performance characteristics of electric forced convection ovens, steam cookers and combination ovens for professional use and to describe the standard methods for measuring these characteristics. This document does not deal with safety, food quality and or minimum performance requirements.

Keel: en

Alusdokumendid: prEN 50733

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN 71-15

Safety of toys - Part 15: Formamide in foam toy materials

This document specifies requirements (content cut-off limit) and a test method for formamide in foam toy materials.

Keel: en

Alusdokumendid: prEN 71-15

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN 71-16

Safety of toys - Part 16: Certain flame retardants in toy materials

This document specifies requirements (content limit) and a test method for certain flame retardants in toy materials.

Keel: en

Alusdokumendid: prEN 71-16

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN 71-17

Safety of toys - Part 17: Isothiazolinones in aqueous toy materials

This document specifies requirements (content limit) and a test method for isothiazolinones in aqueous toy materials.

Keel: en

Alusdokumendid: prEN 71-17

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN 71-18

Safety of toys - Part 18: Phenol in aqueous and polymeric toy materials

This document specifies requirements and test methods for phenol in aqueous (content limit) and polymeric (migration limit) toy materials.

Keel: en

Alusdokumendid: prEN 71-18

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN 71-19

Safety of toys - Part 19: Migration of bisphenol A from toy materials

This document specifies requirements (migration limit) and a test method for bisphenol A in toy materials.

Keel: en

Alusdokumendid: prEN 71-19

Arvamusküsitluse lõppkuupäev: 30.12.2023

prEN IEC 63399:2023

Household and similar electrical rice cookers - Methods for measuring the performance

This International Standard applies to household and similar electrical rice cookers. This standard defines the main performance characteristics that are of interest to the user and specifies methods for measuring these characteristics. This standard does not specify the requirements for performance. This standard does not apply to the pressure type rice cooker or the micro-pressure rice cooker. NOTE 1 The pressure type rice cooker refers to a rice cooker that cooks at a pressure more than 40 kPa. NOTE 2 The micro-pressure rice cooker refers to a rice cooker that cooks at a pressure larger than 10 kPa but not more than 40 kPa. NOTE 3 This standard does not deal with safety requirements (IEC 60335-2-15). NOTE 4 Some of the tests which are specified in this standard are not considered to be reproducible since the results may vary between laboratories. They are therefore intended for comparative testing purposes only.

Keel: en

Alusdokumendid: 59L/244/CDV; prEN IEC 63399:2023

Arvamusküsitluse lõppkuupäev: 30.12.2023

TÖLKED KOMMENTEERIMISEL

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

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

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

EVS-EN 13126-1:2022

Akna ja uksetarvikud Akende ja akenuste tarvikud – Nõuded ja katsemeetodid Osa 1: Ühised nõuded kõikidele tarvikutüüpidele

See dokument spetsifitseerib tarvikute tugevuse ja kestvuse toimivusnõuded liikuvate aknaraamide ja aknauste kasutamisel, hõlmates ka kõikidele tarvikutele kehtivad ühised nõuded ja katsemeetodid. See dokument on rakendatav Tabelis 1 toodud akende ja aknauste tarvikutele, sõltumata akna valmistamiseks kasutatavast materjalist. Tabel 1 - Akende avanemistüübid See dokument ei hõlma alljärgnevat: — sulavad lingid; — pöördavaneva akna tõstmise tarvikuid; — kinnitusvahendeid, mida kasutatakse mitteavanevate akende koostamiseks või paigaldamiseks; — kinnitusvahendeid, mida kasutatakse valmisakna püsivaks kinnitamiseks ehituskonstruksiooni külge; — mehhanisme akende pneumaatiliseks või hüdrauililiseks kaugjuhtimiseks; — üheteljelisi hingi (muid kui neid, mis kindlustavad akende telgfunktsiooni); — standardis EN 1935 kirjeldatud üheteljelisi hingi; — standardis EN 1527 kirjeldatud lükanduste ja voldikuste tarvikuid; — standardis EN 12051 kirjeldatud uste ja akende polte.

Keel: et

Alusdokumendid: EN 13126-1:2022

Kommenteerimise lõppkuupäev: 30.11.2023

EVS-EN 14825:2022

Kliimaseadmed, vedelikjahutid ja elektrilise ajamiga kompressoriga soojuspumbad ruumide kütmiseks ja jahutuseks. Testimine ja hindamine osakoormusega tingimustes ja sesoonsete näitajate arvutamine

See Euroopa standard hõlmab kliimaseadmeid, soojuspumpasid ja vedelikjahuteid sealhulgas mugavus- ja protsessijahuteid. See standard kehtib tehases valmistatud seadmetele, mis on määratletud vastavalt standardile EN 14511-1, välja arvatud ühekanalilistele seadmetele, topeltkanalile, juhtimiskappidele ja lokaalse juhtimise seadmetele. Samuti katab see otse otsevahetusega vee(soolvee) soojuspumbad (DX-vesi(soolvesi)) nagu on määratletud standardis EN 15879-1. See dokument kohaldub samuti hübriid seadmetele nagu on määratletud selles standardis. Standard määratleb temperatuurid, osakoormuse tingimused ja arvutusmeetodid sesoonse jahutusteguri SEER ja SEERon, sesoonse ruumi jahutus kasuteguri η_{s,c}, sesoonse soojusteguri SCOP, SCOPon ja SCOPnet, sesoonse ruumi kütte kasuteguri η_{s,h} ja sesoonse energiatõhususteguri SERP jaoks. Sellised arvutusmeetodid võivad põhineda arvutuslikel või mõõdetud väärtustel. Mõõdetud väärtuste korral käsitleb see standard testimismeetodeid sisendvõimsuse, EER ja COP väärtuste määramiseks seadme aktiivse režiimi ajal osakoormuse tingimustes. Standard hõlmab ka testimis-meetodeid elektrienergia tarbimise määramiseks seadme termostaadiga väljalülitatud režiimis, ooterežiimis, väljalülitatud režiimis ja seadme karteri õli elektrilise lisasoojenduse režiimis. MÄRKUS 1 Sõna "seade" kasutatakse toodete täisterminite asemel. MÄRKUS 2 Sõna "küte" kasutatakse viitena ruumi küttele.

Keel: et

Alusdokumendid: EN 14825:2022

Kommenteerimise lõppkuupäev: 30.11.2023

EVS-EN 16931-1:2017+A1:2019

E-arveldus. Osa 1: E-arve põhielementide semantiline andmemudel

See Euroopa standard kehtestab e-arve põhielementide semantilise andmemudeli. Semantiline mudel sisaldab üksnes neid olulisi teabeelemente, mis on e-arvete puhul vajalikud õigusliku (sealhulgas fiskaalse) kooskõla tagamiseks ning piiriülese, sektoriülese ja riigisisese kaubanduse koostalitlusvõime võimaldamiseks. Era- ja avaliku sektori organisatsioonid võivad semantilist mudelit kasutada riigihangetega seotud arvete esitamisel. Seda võib kasutada ka arvete esitamiseks erasektori ettevõtete vahel. Selle väljatöötamisel ei ole lähtunud tarbijatele arvete esitamisest. See Euroopa standard vastab vähemalt järgmistele kriteeriumidele: — see on tehnoloogiliselt neutraalne; — see ühildub asjakohaste e-arveldamise rahvusvaheliste standarditega; — standardi kohaldamine peaks vastama direktiivis 95/46/EÜ sätestatud isikuandmete kaitse nõuetele, võttes nõuetekohaselt arvesse eraelu puutumatuse ja lõimitud andmekaitse põhimõtteid, võimalikult väheste andmete kogumise põhimõtet, eesmärgi piiranguid, vajalikkust ja proportsionaalsust; — see on kooskõlas direktiivi 2006/112/EÜ [2] asjakohaste sätetega; — see võimaldab luua praktilisi, kasutusmugavaid, paindlikke ja kulutõhusaid e-arveldamise süsteeme; — see arvestab väikeste ja keskmise suurusega ettevõtjate ning keskkvalitusest madalama tasandi avaliku sektori ja võrgustiku sektori hankijate vajadustega; — see sobib kasutamiseks äritehingutes ettevõtjate vahel.

Keel: et

Alusdokumendid: EN 16931-1:2017+A1:2019

Kommenteerimise lõppkuupäev: 30.11.2023

EVS-EN 197-6:2023

Tsement - Osa 6: Taaskasutatavaid ehitusmaterjale sisaldav tsement

See dokument spetsifitseerib taaskasutatavat betooni peenosist sisaldava tsemendi, mille ette nähtud kasutusala on betoon, mört, süstmört jne.

Keel: et

Alusdokumendid: EN 197-6:2023

Kommenteerimise lõppkuupäev: 30.11.2023

EVS-EN IEC 60598-2-22:2022

Valgustid. Osa 2-22: Erinõuded. Valgustid hädavalgustuseks

See standardi IEC 60598 osa määrab nõuded hädavalgustitele, mida kasutatakse kuni 1000 V avariitoiteallika elektrilampidega. See dokument ei käsitleni kõrgepinge lahenduslampe sisaldavate valgustite mittehädavalgustuse pingevalanduste mõjutusi. See dokument annab üldised nõuded hädavalgustusseadmetele. Selles dokumendis on kasutusel termin "lamp", mille tähenduseks on sobivuse korral ka termin "valgusallikas(valgusallikad)".

Keel: et

Alusdokumendid: IEC 60598-2-22:2021; EN IEC 60598-2-22:2022

Kommenteerimise lõppkuupäev: 30.11.2023

prEN 10278

Roostevabast ja teistest eriterastest haljaste terastoodete mõõtmed ja tolerantsid

See dokument kehtib haljastele terastoodetele tõmmatud, treitud või lihvitud tingimustel, mis tarnitakse sirgete pikitoodetena. Seda dokumenti kohaldatakse peamiselt standardi EN 10088-3 roostevabadele terastele ja muudele tootestandarditele, nt. tööriistaterased, rull-laagriterased. Seda dokumenti saab kasutada ka külmvormstantsimise teraste jaoks varraste kui traadi kujul; traadi puhul rakenduvad paksus ja selle tolerantsid, kuid pikkus ja sirgus ei rakendu. Standardile EN 10277 vastavad legeerimata ja legeeritud terased ei kuulu enam selle dokumendi käsitlusalas. See dokument ei hõlma külmvaltsitud tooteid ja mõõdulõigatud tooteid, mis on valmistatud ribast või lehest lõikamise teel.

Keel: et

Alusdokumendid: prEN 10278

Kommenteerimise lõppkuupäev: 30.11.2023

prEN 12255-3

Reoveepuhastid. Osa 3: Eelpuhastus

See standard määratleb reovee eelpuhastuse projekteerimise põhimõtted ja toimivusnõuded reoveepuhastitele, milles on kasutusel võred võrgusilma suurusega üle 50 µm, ning mis teenivad enam kui 50 ie. Samuti hõlmab see liivaeemaldust ja rasvaeraldust. MÄRKUS 1 Mikrovõrede kohta, mille võrgusilma suurus jääb alla 50 mikroni, vt standardit EN 12255-16. MÄRKUS 2 Standardi esmane kasutusala on reoveepuhastid, mis on projekteeritud olme- ja munitsipaalreovee puhastamiseks. Siiski on selles sisalduvat teavet võimalik kasutada ka kaubandusliku ja tööstusliku tegevuse käigus tekkiva reovee eelpuhastuse ning ühisvoolse kanalisatsiooni ülevoolude puhul. Dokumenti kohaldatakse koos standarditega EN 12255-1 ja EN 12255-10.

Keel: et

Alusdokumendid: prEN 12255-3

Kommenteerimise lõppkuupäev: 30.11.2023

prEVS-ISO 22734

Vee elektrolüüsi kasutavad vesinikugeneraatorid. Tööstuslikud, kaubanduslikud ja kodutarbija rakendused

See dokument määratleb konstruktsiooni-, ohutus- ja jõudlusnõuded modulaarsetele või tehases sobitatud 174 vesinikgaasi tootmiseadmetele (edaspidi vesinikugeneraatorid), mis kasutavad elektrokeemilisi 175 reaktsioone vesiniku tootmiseks vee elektrolüüsi teel. 176 See dokument on kohaldatav vesinikugeneraatoritele, mis kasutavad järgmist tüüpi ioonide 177 transpordikeskkondi: 178 — aluste vesilahused; 179 — hapete vesilahused; 180 — tahked polümeersed materjalid, millele on lisatud happelisi funktsionaalrühmi, näiteks 181 prootonvahetusmembraan (PEM); 182 — tahked polümeersed materjalid, millele on lisatud aluselisi funktsionaalrühmi, näiteks 183 anioonvahetusmembraan (AEM). 184 See dokument kehtib vesinikugeneraatorite kohta, mis on mõeldud tööstuslikuks ja kaubanduslikuks 185 kasutuseks, samuti kasutamiseks kodutarbijale sise- ja välistingimustes ilmastiku eest kaitstud oludes, 186 nagu autovarjualused, garaažid, majapidamisruumid ja muud sarnased eluruumid. 187 Vesinikugeneraatorid, mida saab kasutada ka elektri tootmiseks, näiteks pööratavad kütuseelemendid, ei 188 kuulu selle dokumendi käsitlusalas. 189 Elamutele mõeldud vesinikugeneraatorid, mis tarnivad saadusena ka hapnikku, ei kuulu selle dokumendi 190 käsitlusalas.

Keel: et

Alusdokumendid: ISO 22734:2019

Kommenteerimise lõppkuupäev: 30.11.2023

prEVS-ISO/IEC 20000-3

Infotehnoloogia. Teenusehaldus. Osa 3: Juhised standardi ISO/IEC 20000-1 käsitlusala määratlemise ja kohaldatavuse kohta

See dokument sisaldab juhiseid standardi ISO/IEC 20000-1 käsitlusala määratlemise ja selles standardis spetsifitseeritud nõuetele kohaldatavuse kohta. See dokument võib aidata kindlaks teha, kas ISO/IEC 20000-1 on organisatsiooni olukorrale kohaldatav. Ta illustreerib seda, kuidas SMSi käsitlusala saab määratleda, olenemata sellest, kas organisatsioonil on kogemusi teiste haldussüsteemide käsitlusala määratlemisel. Selles dokumendis olevad juhised võivad aidata organisatsioonil kavandada ja valmistada vastavushindamiseks vastavalt standardile ISO/IEC 20000-1. Lisa A sisaldab võimalike SMSi käsitlusala avalduste näiteid. Toodud näidetes kasutatakse organisatsioonide jaoks mitmeid stsenaariume, mis ulatuvad väga lihtsatest kuni keerukate teenuse tarneahelateni. Seda dokumenti saavad kasutada nii SMSi rakendamise plaanimise eest vastutavad töötajad kui ka hindajad ja konsultandid. Ta täiendab standardis ISO/IEC 20000-2 antud SMSi rakendamise juhiseid. Nõuded SMSi auditit ja sertifitseerimist pakkuvatele asutustele võib leida standardist ISO/IEC 20000-6, mis soovitab kasutada käesolevat dokumenti.

Keel: et

Alusdokumendid: ISO/IEC 20000-3:2019

Kommenteerimise lõppkuupäev: 30.11.2023

prEVS-ISO/IEC 27035-1

Infotehnoloogia. Infoturvaintsidentide haldus. Osa 1: Põhimõtted ja protsess

Käesolev dokument on ISO/IEC 27035 seeria standardite alusdokument. Selles esitatakse infoturvaintsidentide haldamise põhitegevuste kontseptsioonid, põhimõtted ja protsessid, mis pakuvad struktureeritud lähenemisviisi, kuidas valmistada intsidentide avastamiseks, aruandluseks, hindamiseks ja neile reageerimiseks ning saadud õppetundide tulemuste rakendamiseks. Käesolevas dokumendis antud infoturvaintsidentide haldusprotsessi ja selle põhitegevuste juhendid on üldised ja mõeldud kohaldamiseks kõikidele organisatsioonidele, olenemata nende tüübist, suurusest või olemusest. Organisatsioonid saavad kohandada juhiseid vastavalt oma tüübile, suurusele ja äritegevuse iseloomule seoses infoturvariski olukorraga. See dokument kehtib ka infoturvaintsidentide haldusteenuseid pakkuvate väliste organisatsioonide kohta.

Keel: et

Alusdokumendid: ISO/IEC 27035-1:2023

Kommenteerimise lõppkuupäev: 30.11.2023

STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE ÜLEVAATUS

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

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

ÜLEVAATUSKÜSITLUS

EVS 911:2018

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

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

Ülevaatusküsitluse lõppkuupäev: 30.11.2023

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 50636-2-92:2014

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-92: Erinõuded jalgsi juhitavatele võrgutoitega murukobestitele- ja õhutitele (aeraatorid)

Household and similar electrical appliances - Safety - Part 2-92: Particular requirements for pedestrian-controlled mains-operated lawn scarifiers and aerators

Deals with the safety of pedestrian-controlled mains-operated electric lawn scarifiers and aerators. These scarifiers have rotating cutters for regenerating lawns by, for instance, combing out grass thatch and moss, or by cutting vertically into the lawn face. These scarifiers are designed primarily for home use, with a rated voltage not more than 250 V single phase. For lawnmowers, see IEC 60335-2-77; for lawn trimmers, see IEC 60335-2-91. The contents of the corrigendum of May 2003 have been included in this copy.

Keel: en

Alusdokumendid: IEC 60335-2-92:2002; EN 50636-2-92:2014; IEC 60335-2-92/Cor 1:2003

Tühistamisküsitluse lõppkuupäev: 30.11.2023

EVS-EN ISO 3796:2002

Ships and marine technology - Clear openings for external single-leaf doors

This International Standard lays down standardized dimensions of clear openings for all types of external single-leaf doors, on board ships, for which coamings are required. These dimensions shall be used as nominal sizes for these doors of ships.

Keel: en

Alusdokumendid: ISO 3796:1999; EN ISO 3796:2001

Tühistamisküsitluse lõppkuupäev: 30.11.2023

UUED EESTIKEELSESED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS 933:2022/A1:2023

Juhised kantavate tulekustutite kontrolliks ja hoolduseks ning nõuded hoolduspunktidele Inspection and maintenance instructions for portable fire extinguishers and requirements for service points

Standardi EVS 933:2022 muudatus.

EVS 933:2022+A1:2023

Juhised kantavate tulekustutite kontrolliks ja hoolduseks ning nõuded hoolduspunktidele Inspection and maintenance instructions for portable fire extinguishers and requirements for service points

Selles Eesti standardis antakse juhised kantava tulekustuti (edaspidi tulekustuti) kontrollimiseks, hooldamiseks, laadimiseks ja survetakse tegemiseks ning tulekustuti hoolduspunkti tehnilise varustuse ja teenuse kvaliteedi ühtlustamiseks.

EVS-EN 1176-1:2017+A1:2023

Mänguväljaku seadmed ja aluspinnakate. Osa 1: Üldised ohutusnõuded ja katsemeetodid Playground equipment and surfacing - Part 1: General safety requirements and test methods

See standardi EN 1176 osa määrab kindlaks üldised ohutusnõuded püsivalt paigaldatud avalikele mänguväljakutele ja nende aluspinnakattele. Täiendavad nõuded mänguväljaku seadmete eri osadele määratakse kindlaks järgnevates selle standardi osades. See standardi EN 1176 osa käsitleb mänguväljaku seadmeid kõigile lastele. See on koostatud täielikus teadmises järelevalve vajadusest väikelaste ja vähem võimekate või vähem oskajate laste üle. Standardi EN 1176 selle osa eesmärgiks on tagada ohutuse sobiv tase mängimisel mänguväljaku seadmete peal, nende sees või ümber ja samaaegselt soodustada tegevusi ning omadusi, mis teadaolevalt tulevad lastele kasuks, kuna pakuvad väärtuslikke kogemusi, mis võimaldavad neil toime tulla olukordadega väljaspool mänguväljakut. See standardi EN 1176 osa on rakendatav mänguväljaku seadmetele, mis on mõeldud lastele nii individuaalseks kui ka ühiskasutamiseks. See on samuti rakendatav seadmetele ja nende osadele, mis on paigaldatud laste mänguväljaku seadmetena, ehkki nad ei ole selleks otstarbeks valmistatud, välja arvatud need, mis on määratletud mänguasjadena standardis EN 71 ning mänguasjade ohutuse direktiivis. See ei ole rakendatav seiklusväljakutele, erandiga nende osadele, mis on hangitud kaubandusvõrgust. MÄRKUS Seiklusväljakud on piiretega ümbritsetud turvatud mänguväljakud, mis tegutsevad ja on mehitatud vastavalt üldtunnustatud põhimõtetele, mis ergutavad laste arengut, ning mis sageli kasutavad omavalmistatud seadmeid. See standardi EN 1176 osa määrab kindlaks nõuded, mis kaitsevad last ohtude eest, mida ta võib olla mitte võimeline ette nägema, kasutades seadmeid ettenähtud viisil või viisil, mida saab põhjendatult ette näha. Elektrivoolu kasutamine mänguseadmetes, kas mängutegevuses või liikumapaneva jõuna, jääb väljapoole selle standardi käsitlusalala. Kasutajate tähelepanu pööratakse Euroopa ja kohalikele rahvuslikele standarditele ja eeskirjadele, mida tuleb elektrivoolu kasutades järgida. Mänguseadmed, mis on paigaldatud vette ning kus vett saab vaadelda kui lööki nõrgendavat aluspinnakatet, ei ole selle standardiga täielikult hõlmatud, ning märja keskkonnaga kaasnevad täiendavad riskid. See standard ei hõlma UV-kiirguse ülemääraste tasemete riski.

EVS-EN 15749:2022

Väetised. Sulfaadisalduse määramine kolme eri meetodi abil Fertilizers - Determination of sulfates content using three different methods

See dokument käsitleb kolme meetodit (meetodid A, B ja C) määramaks väetiseekstraktides sulfaate kujul esinevat väävlit. Meetod A kirjeldab gravimeetrilist meetodit. Meetod B kirjeldab meetodit, mis kasutab induktiivselt sidestatud plasma optilist spektromeetriat (ICP-OES). Meetod C kirjeldab ioonkromatograafiat (IC) kasutavat meetodit.

EVS-EN 16907-4:2018

Mullatööd. Osa 4: Pinnase töötlemine lubja ja/või hüdrauliliste sideainetega Earthworks - Part 4: Soil treatment with lime and/or hydraulic binders

Seda Euroopa standardit kohaldatakse looduslike pinnaste, nõrkade kaljude, keskmise tugevusega kaljude, kriidi, ringlussevõetud materjalide ja tehismaterjalide sideainetega töötlemise suhtes, mida kasutatakse teede, raudteede, lennuväljade, platvormide, tammide, tiikide ja mis tahes muud liiki pinnaserajatiste ehitamise ja hooldamise käigus mullatöödel. See seondub üksnes kihtide kaupa töötlemisega, mis on valmistatud mullatöödeks kohapeal või segamisseadmes, erinevalt näiteks sammaste kaupa töötlemisest. Standardis määratletakse nõuded segude koostisosadele, eelneva laboratoorse kontrolli meetodikale, laboratoorsele toimivuse klassifikatsioonile, teostamisele ja kontrollile. MÄRKUS 1 Teatmelisades esitatakse ka näited teostamise ja kontrolli heade tavade kohta. Selles Euroopa standardis määratletud laboratoorne toimivuse klassifikatsioon hõlmab kahte töötlemisviisi: parendamine ja stabiliseerimine. Parendamise puhul seondub klassifikatsioon lühiajalise toimivusega. Stabiliseerimise puhul seondub klassifikatsioon keskmise pikkusega kuni pikaajaliste tulemustega. MÄRKUS 2 CEN/TC 396 „Earthworks“ koostatud standard EN 16907-4 käsitleb parendamist ja stabiliseerimist mullatöödel. CEN/TC 227 „Road materials“ koostatud standard EN 14227-15 käsitleb ainult katendite stabiliseerimist. MÄRKUS 3 Stabiliseerimisel kasutatakse standardis EN 16907-4 kirjeldatud toimivuse klassifikatsioonis üldiselt sama laboratoorse toimivuse klassifikatsiooni, mis on esitatud standardis EN 14227-15, välja arvatud standardis EN 14227-15 esitatud vastav katendite toimivuse klassifikatsiooni skeem „Rt ja E“, mis on asendatud standardis EN 16907-4 mullatöödele omase toimivuse klassifikatsiooni skeemiga „Rt ja E“ (joonis 1).

EVS-EN ISO 17294-2:2023

Vee kvaliteet. Induktiivsidestatud plasma massispektromeetria (ICP-MS) rakendamine. Osa 2: Valitud elementide, kaasa arvatud uraani isotoopide määramine

Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 2: Determination of selected elements including uranium isotopes (ISO 17294-2:2023)

See dokument täpsustab meetodi järgmiste elementide vees (nt joogivesi, pinnavesi, põhjavesi, heitvesi ja eluaadid) määramiseks: alumiinium, antimon, arseen, baarium, berüllium, vismut, boor, kaadmium, tseesium, kaltsium, tseerium, kroom, koobalt, vask, düsproosium, erbium, gadoliinium, gallium, germaanium, kuld, hafnium, holmium, indium, iriidium, raud, lantaan, plii, liitium, luteetsium, magneesium, mangaan, elavhõbe, molübdeen, neodüüm, nikkel, pallaadium, fosfor, plaatina, kaalium, praseodüüm, rubiidium, reenium, roodium, ruteenium, samaarium, skandium, seleen, hõbe, naatrium, strontsium, terbium, telluur, toorium, tallium, tuulium, tina, titaan, volfram, uraan ja selle isotoobid, vanaadium, ütrium, üterbium, tsink ja tsirkoonium. Võttes arvesse spetsiifilisi ja täiendavalt esinevaid segavaid mõjusid, saab neid elemente määrata vees ning vee ja reoveesetete mineraliseerimisel (nt vee mineraliseerimisel, nagu on kirjeldatud standardis ISO 15587-1 või ISO 15587-2). Tööpiirkond sõltub maatriksist ja segavatest mõjudest. Joogivees ja suhteliselt saastamata vetes jääb enamiku elementide määramispiir (LOQ) 0,002 µg/l ja 1,0 µg/l vahele (vt tabel 1). Tööpiirkond hõlmab tavaliselt kontsentratsioone vahemikus mitu ng/l kuni mg/l, olenevalt elemendist ja täpsustatud nõuetest. Enamiku elementide määramispiire mõjutab nullproovi saastumine ja need sõltuvad peamiselt labori õhukäitlussüsteemidest, mis mõjutavad reaktiivide ja klaasnõude puhtust. Alumine määramispiir on kõrgem juhtudel, kus määramist mõjutavad segavad mõjud (vt peatükk 5) või müüefektid (vt ISO 17294-1). Selle dokumendi alusel saab määrata ka muid elemente, mida ei mainita käsitlusalas, eeldusel, et dokumendi kasutaja suudab meetodi asjakohaselt valideerida (nt segavad mõjud, tundlikkus, korduvus, saagis).

EVS-ISO 17289:2023

Vee kvaliteet. Lahustunud hapniku sisalduse määramine. Optilise sensori meetod

Water quality -- Determination of dissolved oxygen -- Optical sensor method (ISO 17289:2014, identical)

See rahvusvaheline standard kirjeldab optilist meetodit vees lahustunud hapniku määramiseks, kasutades fluorestsentsi kustumise põhimõttel töötavat andurit. Mõõta võib kas hapniku kontsentratsiooni milligrammides liitri kohta või protsentuaalset küllastusastet (% lahustunud hapnik) või mõlemat. Olenevalt kasutatavast seadmest on võimalik saavutada avastamispiirid 0,1 mg/l või 0,2 mg/l tootja juhendi kohaselt. Enamik seadmeid võimaldavad mõõta väärtusi, mis on suuremad kui 100 %, st üleküllastust. MÄRKUS Üleküllastus on võimalik, kui hapniku osarõhk on suurem kui õhus. Eriti just tugeva vetikakasvu korral on võimalik üleküllastus kuni 200 % ja rohkemgi. Kui mõõdetakse vett, mille küllastusaste on suurem kui 100 %, on oluline võtta kasutusele meetmed, vältimaks proovist hapniku eraldumist proovi käitlemise ja mõõtmise ajal. Samamoodi on oluline vältida hapniku transporti proovi, kui küllastusaste on alla 100 %. Meetod sobib nii välitingimustes tehtavateks mõõtmisteks ja lahustunud hapniku pidevaks jälgimiseks kui ka laboris tehtavateks mõõtmisteks. See on üks eelistatumaid meetodeid kõrge värvuse ja hägususega vete puhul ja samuti Winkleri tiitrimismeetodi jaoks mittesobivate vete analüüsimiseks, milles sisalduvad rauda ja joodi fikseerivad ained, mis võivad häirida standardis ISO 5813 määratletud jodomeetrilist meetodit. Meetod sobib joogiveele, looduslikule veele, heitveele ja soolasele veele. Kui seda kasutatakse soolase vee, näiteks merevee või estuaari vee puhul, on hapniku kontsentratsiooni mõõtmiseks oluline sooluse korrigeerimine.

STANDARDIPEALKIRJADE MUUTMINE

Selles jaotises avaldame infot Eesti standardite eesti- ja ingliskeelsete pealkirjade muutmise kohta ja ingliskeelsete pealkirjade tõlkimise kohta.

Lisainformatsioon või ettepanekud standardipealkirjade ebatäpsustest enquiry@evs.ee.

UUED EESTIKEELSESED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 15749:2022	Fertilizers - Determination of sulfates content using three different methods	Väetised. Sulfaadisisalduse määramine kolme eri meetodi abil
EVS-EN 16907-4:2018	Earthworks - Part 4: Soil treatment with lime and/or hydraulic binders	Mullatööd. Osa 4: Pinnase töötlemine lubja ja/või hüdrauliliste sideainetega