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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 12374:2022
Packaging - Flexible tubes - Terminology

This document defines the technical vocabulary in German, French and English, widely in use for flexible tubes. It is applicable to metal, plastic, multilayer or laminated tubes that are used for packing pharmaceutical, cosmetic, hygiene, food and other domestic or industrial products.

Keel: en
Alusdokumendid: EN 12374:2022
Asendab dokumenti: EVS-EN 12374:2009

EVS-EN 15987:2022
Leather - Terminology - Key definitions for the leather trade

This document specifies the key terms and definitions used for the leather trade and provides guidance on the correct use of the term “leather”. Defined parameters in this document need to be assessed using standard test methods specific for leather. NOTE See Bibliography for leather test method standards.

Keel: en
Alusdokumendid: EN 15987:2022
Asendab dokumenti: EVS-EN 15987:2015

EVS-EN ISO 128-2:2022
Technical product documentation (TPD) - General principles of representation - Part 2: Basic conventions for lines (ISO 128-2:2022)

This document establishes the types of lines used in technical drawings (e.g. diagrams, plans or maps), their designations and their configurations, as well as general rules for the draughting of lines. In addition, this document specifies general rules for the representation of leader and reference lines and their components as well as for the arrangement of instructions on or at leader lines in technical documents. Annexes have been provided for specific information on mechanical, construction and shipbuilding technical drawings. For the purposes of this document the term “technical drawing” is interpreted in the broadest possible sense, encompassing the total package of documentation specifying the product (workpiece, subassembly, assembly).

Keel: en
Alusdokumendid: ISO 128-2:2022; EN ISO 128-2:2022
Asendab dokumenti: EVS-EN ISO 128-2:2020

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

CEN ISO/TR 4450:2022
Quality management systems - Guidance for the application of ISO 19443:2018 (ISO/TR 4450:2020)

This document provides guidance on the implementation of the ISO 19443 requirements, with examples of possible steps an organization can take to meet the requirements. It does not add to, subtract from, or in any way modify those requirements. This document does not prescribe mandatory approaches to implementation, or provide any preferred method of interpretation.

Keel: en
Alusdokumendid: ISO/TR 4450:2020; CEN ISO/TR 4450:2022

CEN ISO/TS 21719-2:2022
Electronic fee collection - Personalization of on-board equipment (OBE) - Part 2: Using dedicated short-range communication (ISO/TS 21719-2:2022)

This document defines: — personalization interface: dedicated short-range communication (DSRC), — physical systems: on-board equipment and the personalization equipment, — DSRC-link requirements, — EFC personalization functions according to ISO/TS 21719-1 when defined for the DSRC interface, and — security data elements and mechanisms to be used over the DSRC interface. A protocol information conformance statement (PICS) proforma is provided in Annex B, and security computation examples are provided in Annex E. It is outside the scope of this document to define: — conformance procedures and test specifications, — setting-up of operating organizations (e.g. toll service provider, personalization agent, trusted third party), and — legal issues. NOTE Some of these issues are subject to separate standards prepared by ISO/TC 204, CEN/TC 278 or ETSI ERM.

Keel: en
Alusdokumendid: ISO/TS 21719-2:2022; CEN ISO/TS 21719-2:2022
Asendab dokumenti: CEN ISO/TS 21719-2:2018

EVS-EN 17678-1:2022

Installation of post-tensioning kits for prestressing of structures - Part 1: Competence of personnel

This document specifies the minimum training and registration requirements for post-tensioning personnel involved in the installation of PT kits. These PT kits are typically used in concrete structures using bonded or unbonded tendons in accordance with the relevant execution specifications, product standard and / or appropriate technical assessment. This document specifies the tasks that the various categories of PT personnel can undertake. For the purposes of this document, PT personnel means: PT Manager, PT Supervisors, PT Operatives and PT Trainees who are directly employed or indirectly employed on a sub-contract basis. This document does not cover general safety and health aspects. This document does not cover contractual issues. prEN 17678-2:2022 deals with the assessment of competence.

Keel: en
Alusdokumendid: EN 17678-1:2022

EVS-ISO 28000:2022

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

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

Keel: en, et
Alusdokumendid: ISO 28000:2022
Asendab dokumenti: EVS-ISO 28000:2009

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN ISO 18416:2015+A1:2022

Cosmetics - Microbiology - Detection of Candida albicans (ISO 18416:2015, Corrected version 2016-12-15 + ISO 18416:2015/Amd 1:2022)

This International Standard gives general guidelines for the detection and identification of the specified microorganism Candida albicans in cosmetic products. Microorganisms considered as specified in this International Standard might differ from country to country according to national practices or regulations. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis to determine the types of cosmetic product to which this International Standard is applicable. Products considered to present a low microbiological (see ISO 29621) risk include those with low water activity, hydro-alcoholic products, extreme pH values, etc. The method described in this International Standard is based on the detection of Candida albicans in a non-selective liquid medium (enrichment broth), followed by isolation on a selective agar medium. Other methods may be appropriate dependent on the level of detection required. NOTE For the detection of Candida albicans, subcultures can be performed on non-selective culture media followed by suitable identification steps (e.g. using identification kits). Because of the large variety of cosmetic products within this field of application, this method may not be appropriate in every detail for some products (e.g. certain water immiscible products). Other International Standards (ISO 18415) may be appropriate. Other methods (e.g. automated) may be substituted for the tests presented here provided that their equivalence has been demonstrated or the method has been otherwise shown to be suitable.

Keel: en
Alusdokumendid: ISO 18416:2015; EN ISO 18416:2015; ISO 18416:2015/Amd 1:2022; EN ISO 18416:2015/A1:2022
Konsolideerib dokumenti: EVS-EN ISO 18416:2015
Konsolideerib dokumenti: EVS-EN ISO 18416:2015/A1:2022

EVS-EN ISO 20976-2:2022

Microbiology of the food chain - Requirements and guidelines for conducting challenge tests of food and feed products - Part 2: Challenge tests to study inactivation potential and kinetic parameters (ISO 20976-2:2022)

This document specifies protocols for conducting microbiological challenge tests for growth studies on vegetative and spore-forming bacteria in raw materials and intermediate or end products. The use of this document can be extended to yeasts that do not form mycelium.

Keel: en
Alusdokumendid: EN ISO 20976-2:2022; ISO 20976-2:2022

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN ISO/TR 9241-514:2022

Ergonomics of human-system interaction - Part 514: Guidance for the application of anthropometric data in the ISO 9241-500 series (ISO/TR 9241-514:2020)

This document is intended to provide guidance in the use of anthropometric data within the ISO 9241-500 series.

Keel: en
Alusdokumendid: ISO/TR 9241-514:2020; CEN ISO/TR 9241-514:2022

EVS-EN 15969-1:2022

Tanks for transport of dangerous goods - Digital interface for the data transfer between tank vehicle and with stationary facilities - Part 1: Protocol specification - Control, measurement and event data

This document specifies data protocols and data format for the communication between electronic equipment (TVE), on-board computer (OBC) of the tank vehicle and stationary equipment. This document specifies the basic protocol FTL used in the communication (basic protocol layer), the format and structure of FTL-data to be transmitted (data protocol layer) and describes the content of the FTL-data. This data protocol can be used for other application e.g. between stationary tank equipment and offices.

Keel: en
Alusdokumendid: EN 15969-1:2022
Asendab dokumenti: EVS-EN 15969-1:2017

EVS-EN 15969-2:2022

Tanks for transport of dangerous goods - Digital interface for the data transfer between tank vehicle and with stationary facilities - Part 2: Commercial and logistic data

This document specifies the data structure needed for tour management, scheduling orders of measured and unmeasured products online to the truck. Processed orders are transferred back to the host in the office at once or later every time the truck is online. It specifies the transfer of commercial and logistic data between transport vehicle equipment, on board computer of the tank vehicle and stationary facilities for all communication channels between these parties. This document is used in conjunction with EN 15969-1 and does not modify or override any of the requirements of EN 15969-1.

Keel: en
Alusdokumendid: EN 15969-2:2022
Asendab dokumenti: EVS-EN 15969-2:2017

EVS-EN 17656:2022

Stationary source emissions - Requirements on proficiency testing schemes for emission measurements

This document supplements the requirements of EN ISO/IEC 17043 by providing clarification and additional information for proficiency testing schemes for emission measurements. It gives specific requirements for: — competence of proficiency testing providers; — proficiency testing facility characteristics; and — design, operation and evaluation of proficiency testing schemes by means of interlaboratory comparisons. All these aspects are necessary in order to organize and conduct proficiency testing on emission measurements. Requirements on the competence of proficiency testing providers cover personnel, organisation, equipment and environment. Requirements on the proficiency testing facility characteristics cover measurement sections, measurements ports and working area for the participants. Requirements on the proficiency testing schemes cover: — design, including planning, preparations, homogeneity and stability of test atmospheres and statistical design; — operation, including handling and instruction of participants; — calculation and use of assigned values; and — testing results evaluation, including statistical data. This document supports the application of proficiency testing schemes for checking the performance of testing laboratories in the context of qualification, accreditation and related quality checks in relation to the application of standardized measurement methods such as standard reference methods (SRM) or alternative methods (AM). This document is applicable in combination with EN ISO/IEC 17043 only.

Keel: en
Alusdokumendid: EN 17656:2022

EVS-EN IEC 60335-2-11:2022+A11:2022

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-11: Erinõuded trummelkuivatitele
Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers (IEC 60335-2-11:2019)

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric tumble dryers intended for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. NOTE 101 This standard applies to the drying function of washing machines having a drying cycle. This standard also deals with the safety of tumble dryers that use a refrigerating system, incorporating sealed motor-compressors, for drying textile material. These appliances may use flammable refrigerants. Additional requirements for these appliances are given in Annex AA. Appliances intended to be used by laymen in shops and other premises for normal housekeeping purposes, are within the scope of this document. NOTE Z101 Examples of appliance for household environment are appliances for typical

housekeeping functions used in the household environment that may also be used by non-expert users for typical housekeeping functions: – in shops and other similar working environments; – in farm houses; – by clients in hotels, motels and other residential type environments; – in bed and breakfast type environments. NOTE Z102 Household environments include the dwelling and its associated buildings, the garden, etc. As far as is practicable, this document deals with the common hazards presented by appliances that are encountered by all persons in household and similar environments. However, in general, it does not take into account – children playing with the appliance, – the use of the appliance by very young children, – the use of the appliance by young children without supervision, – user maintenance by children, including the cleaning of the appliance. It is recognized that very vulnerable people may have needs beyond the level addressed in this document. NOTE 103 Attention is drawn to the fact that – for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements may be necessary; – in many countries, additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour, the national water supply authorities, NOTE 104 This standard does not apply to – appliances intended exclusively for industrial purposes; – appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas); – appliances incorporating steam generating devices in which steam is produced at a pressure exceeding 50 kPa. – tumble dryers to be used in commercial areas, e.g. laundrettes (see EN 50570);

Keel: en
Alusdokumendid: IEC 60335-2-11:2019; EN IEC 60335-2-11:2022; EN IEC 60335-2-11:2022/A11:2022
Konsolideerib dokumenti: EVS-EN IEC 60335-2-11:2022
Konsolideerib dokumenti: EVS-EN IEC 60335-2-11:2022/A11:2022

EVS-EN ISO 23861:2022

Workplace air - Chemical agent present as a mixture of airborne particles and vapour - Requirements for evaluation of measuring procedures using samplers (ISO 23861:2022)

This document specifies requirements for the evaluation of measuring procedures using samplers for the determination of a chemical agent present in the workplace atmosphere as a mixture of airborne particles and vapour. The procedures given in this document provide results only for the sum of airborne particles and vapour. The concentration is calculated in terms of mass per unit volume. NOTE The physical behaviour of a mixture of airborne particles and vapour is described in Annex A. Examples of substances which can be present in multiple phases are toluene diisocyanate, diethanolamine, ethyleneglycol and tributylphosphate. This document can also be applied to complex mixtures, such as metal working fluids or bitumen fumes. This document is applicable to samplers and measuring procedures using these samplers in which sampling and analysis are carried out in separate stages.

Keel: en
Alusdokumendid: ISO 23861:2022; EN ISO 23861:2022
Asendab dokumenti: EVS-EN 13936:2014

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN ISO 20270:2022

Acoustics - Characterization of sources of structure-borne sound and vibration - Indirect measurement of blocked forces (ISO 20270:2019)

This document specifies a method where a vibrating component (a source of structure-borne sound or vibration) is attached to a passive structure (or receiver) and is the cause of vibration in, or structure-borne sound radiation from, the assembly. Examples are pumps installed in ships, servo motors in vehicles or machines and plant in buildings. Almost any vibrating component can be considered as a source in this context. Due to the need to measure vibration at all contact degrees of freedom (DOFs) (connections between the source and receiver), this document can only be applied to assemblies for which such measurement is possible. This document is applicable only to assemblies whose frequency response functions (FRFs) are linear and time invariant. The source can be installed into a real assembly or attached to a specially designed test stand (as described in 5.2). The standard method has been validated for stationary signals such that the results can be presented in the frequency domain. However, the method is not restricted to stationary signals: with appropriate data processing, it is also applicable to time-varying signals such as transients and shocks (provided linearity and time invariance of the FRFs are preserved). This document provides a method for measurement and presentation of blocked forces, together with guidelines for minimizing uncertainty. It provides a method evaluating the quality of the results through an on-board validation procedure but does not comment on the acceptability or otherwise of the results.

Keel: en
Alusdokumendid: ISO 20270:2019; EN ISO 20270:2022

EVS-EN ISO 5167-3:2022

Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 3: Nozzles and Venturi nozzles (ISO 5167-3:2022)

This document specifies the geometry and method of use (installation and operating conditions) of nozzles and Venturi nozzles when they are inserted in a conduit running full to determine the flowrate of the fluid flowing in the conduit. This document also provides background information for calculating the flowrate and is applicable in conjunction with the requirements given in ISO 5167-1. This document is applicable to nozzles and Venturi nozzles in which the flow remains subsonic throughout the measuring section and where the fluid can be considered as single-phase. In addition, each of the devices can only be used within specified limits of pipe size and Reynolds number. It is not applicable to the measurement of pulsating flow. It does not cover the use of nozzles and Venturi nozzles in pipe sizes less than 50 mm or more than 630 mm, or where the pipe Reynolds numbers are below 10 000. This document deals with a) three types of standard nozzles: 1) ISA 1932[1] nozzle; 2) the long radius nozzle[2]; 3) the throat-tapped nozzle b) the Venturi nozzle. The three types of standard nozzle are fundamentally different and are described separately in this document. The Venturi nozzle has the same upstream face as the ISA 1932 nozzle, but has a

divergent section and, therefore, a different location for the downstream pressure tappings, and is described separately. This design has a lower pressure loss than a similar nozzle. For all of these nozzles and for the Venturi nozzle direct calibration experiments have been made, sufficient in number, spread and quality to enable coherent systems of application to be based on their results and coefficients to be given with certain predictable limits of uncertainty. [1] ISA is the abbreviation for the International Federation of the National Standardizing Associations, which was superseded by ISO in 1946. [2] The long radius nozzle differs from the ISA 1932 nozzle in shape and in the position of the pressure tappings.

Keel: en
Alusdokumendid: ISO 5167-3:2022; EN ISO 5167-3:2022
Asendab dokumenti: EVS-EN ISO 5167-3:2020

EVS-EN ISO 5167-5:2022

Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 5: Cone meters (ISO 5167-5:2022)

This document specifies the geometry and method of use (installation and operating conditions) of cone meters when they are inserted in a conduit running full to determine the flow rate of the fluid flowing in the conduit. As the uncertainty of an uncalibrated cone meter might be too high for a particular application, it might be deemed essential to calibrate the flow meter in accordance with Clause 7. This document also provides background information for calculating the flow rate and is applicable in conjunction with the requirements given in ISO 5167-1. This document is applicable only to cone meters in which the flow remains subsonic throughout the measuring section and where the fluid can be considered as single-phase. Uncalibrated cone meters can only be used within specified limits of pipe size, roughness, β, and Reynolds number, Re. This document is not applicable to the measurement of pulsating flow. It does not cover the use of uncalibrated cone meters in pipes sized less than 50 mm or more than 500 mm, or where the pipe Reynolds numbers are below 8 × 104 or greater than 1,2 × 107. A cone meter is a primary device which consists of a cone-shaped restriction held concentrically in the centre of the pipe with the nose of the cone upstream. The design of cone meter defined in this document has one or more upstream pressure tappings in the wall, and a downstream pressure tapping positioned in the back face of the cone with the connection to a differential pressure transmitter being a hole through the cone to the support bar, and then up through the support bar. Alternative designs of cone meters are available; however, at the time of writing, there is insufficient data to fully characterize these devices, and therefore, these meters shall be calibrated in accordance with Clause 7.

Keel: en
Alusdokumendid: ISO 5167-5:2022; EN ISO 5167-5:2022
Asendab dokumenti: EVS-EN ISO 5167-5:2016

EVS-EN ISO 5167-6:2022

Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 6: Wedge meters (ISO 5167-6:2022)

This document specifies the geometry and method of use (installation and operating conditions) of wedge meters when they are inserted in a conduit running full to determine the flow rate of the fluid flowing in the conduit. NOTE 1 As the uncertainty of an uncalibrated wedge meter can be too large for a particular application, it could be deemed essential to calibrate the flow meter according to Clause 7. This document gives requirements for calibration which, if applied, are for use over the calibrated Reynolds number range. Clause 7 could also be useful guidance for calibration of meters of similar design but which fall outside the scope of this document. It also provides background information for calculating the flow rate and is applicable in conjunction with the requirements given in ISO 5167-1. This document is applicable only to wedge meters in which the flow remains subsonic throughout the measuring section and where the fluid can be considered as single-phase. Uncalibrated wedge meters can only be used within specified limits of pipe size, roughness, β (or wedge ratio) and Reynolds number. It is not applicable to the measurement of pulsating flow. It does not cover the use of uncalibrated wedge meters in pipes whose internal diameter is less than 50 mm or more than 600 mm, or where the pipe Reynolds numbers are below 1 × 104. NOTE 2 A wedge meter has a primary element which consists of a wedge-shaped restriction of a specific geometry. Alternative designs of wedge meters are available; however, at the time of writing there is insufficient data to fully characterize these devices, and therefore these meters are calibrated in accordance with Clause 7.

Keel: en
Alusdokumendid: ISO 5167-6:2022; EN ISO 5167-6:2022
Asendab dokumenti: EVS-EN ISO 5167-6:2019

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 15969-1:2022

Tanks for transport of dangerous goods - Digital interface for the data transfer between tank vehicle and with stationary facilities - Part 1: Protocol specification - Control, measurement and event data

This document specifies data protocols and data format for the communication between electronic equipment (TVE), on-board computer (OBC) of the tank vehicle and stationary equipment. This document specifies the basic protocol FTL used in the communication (basic protocol layer), the format and structure of FTL-data to be transmitted (data protocol layer) and describes the content of the FTL-data. This data protocol can be used for other application e.g. between stationary tank equipment and offices.

Keel: en
Alusdokumendid: EN 15969-1:2022
Asendab dokumenti: EVS-EN 15969-1:2017

EVS-EN 15969-2:2022

Tanks for transport of dangerous goods - Digital interface for the data transfer between tank vehicle and with stationary facilities - Part 2: Commercial and logistic data

This document specifies the data structure needed for tour management, scheduling orders of measured and unmeasured products online to the truck. Processed orders are transferred back to the host in the office at once or later every time the truck is online. It specifies the transfer of commercial and logistic data between transport vehicle equipment, on board computer of the tank vehicle and stationary facilities for all communication channels between these parties. This document is used in conjunction with EN 15969-1 and does not modify or override any of the requirements of EN 15969-1.

Keel: en
Alusdokumendid: EN 15969-2:2022
Asendab dokumenti: EVS-EN 15969-2:2017

EVS-EN ISO 15874-1:2013+A1:2022

Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 1: General (ISO 15874-1:2013 + ISO 15874-1:2013/Amd 1:2022)

This part of ISO 15874 specifies the general aspects of polypropylene (PP) piping systems intended to be used for hot and cold water installations within buildings for the conveyance of water whether or not intended for human consumption (domestic systems), and for heating systems, under design pressures and temperatures according to the class of application (see Table 1). It covers a range of service conditions (classes of application), design pressures and pipe dimension classes. Values of TD, Tmax and Tmal in excess of those in Table 1 of this part of ISO 15874 do not apply. NOTE It is the responsibility of the purchaser or specifier to make the appropriate selections from these aspects, taking into account their particular requirements and any relevant national regulations and installation practices or codes. It also specifies the test parameters for the test methods referred to in this part of ISO 15874. In conjunction with the other parts of ISO 15874, this part of ISO 15874 is applicable to PP pipes, fittings, their joints and to joints with components of other plastics and non-plastics materials intended to be used for hot and cold water installations.

Keel: en
Alusdokumendid: ISO 15874-1:2013; EN ISO 15874-1:2013; ISO 15874-1:2013/Amd 1:2022; EN ISO 15874-1:2013/A1:2022
Konsolideerib dokumenti: EVS-EN ISO 15874-1:2013
Konsolideerib dokumenti: EVS-EN ISO 15874-1:2013/A1:2022

EVS-EN ISO 15874-2:2013+A1+A2:2022

Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 2: Pipes (ISO 15874-2:2013 + ISO 15874-2:2013/Amd 1:2018 +ISO 15874-2:2013/Amd 2:2022)

This part ISO 15874 specifies the requirements of pipes made from polypropylene (PP) for piping systems intended to be used for hot and cold water installations within buildings for the conveyance of water whether or not intended for human consumption (domestic systems) and for heating systems under operating pressures and temperatures appropriate to the class of application (see ISO 15874-1:2013, Table 1). This part of ISO 15874 covers a range of service conditions (application classes), design pressures and pipe dimension classes. For values of TD, Tmax and Tmal in excess of those in Table 1 of ISO 15874-1:2013 do not apply. NOTE 1 It is the responsibility of the purchaser or specifier to make the appropriate selections from these aspects, taking into account their particular requirements and any relevant national regulations and installation practices or codes. It also specifies the test parameters for the test methods referred to in this part of ISO 15874. In conjunction with the other parts of ISO 15874, this part of ISO 15874 is applicable to PP pipes, their joints and to joints with components of PP, other plastics and non-plastics materials intended to be used for hot and cold water installations. It is applicable to pipes with or without (a) barrier layer(s). NOTE 2 In the case of plastics pipes provided with a thin barrier layer, e.g. to prevent or greatly diminish the diffusion of gases and the transmission of light into or through the pipe wall, the design stress requirements are totally met by the base polymer (PP).

Keel: en
Alusdokumendid: ISO 15874-2:2013; EN ISO 15874-2:2013; ISO 15874-2:2013/Amd 1:2018; EN ISO 15874-2:2013/A1:2018; ISO 15874-2:2013/Amd 2:2022; EN ISO 15874-2:2013/A2:2022
Konsolideerib dokumenti: EVS-EN ISO 15874-2:2013
Konsolideerib dokumenti: EVS-EN ISO 15874-2:2013/A1:2018
Konsolideerib dokumenti: EVS-EN ISO 15874-2:2013/A2:2022

25 TOOTMISTEHNOLOOGIA

EVS-EN 16602-70-61:2022

Space product assurance - High-reliability soldering for surface mount, mixed technology and hand-mounted electrical connections

This standard defines: - the basic requirements for the verification and approval of automatic machine w ave soldering for use in spacecraft hardware. The process requirements for w ave soldering of doublesided and multilayer boards are also defined. - the technical requirements and quality assurance provisions for the manufacture and verification of manuallysoldered, high-reliability electrical connections. - the technical requirements and quality assurance provisions for the manufacture and verification of high-reliability electronic circuits based on surface mounted device (SMD) and mixed technology. - the acceptance and rejection criteria for high reliability manufacture of manually-soldered electrical connections intended to w ithstand normal terrestrial conditions and the vibrational g-loads and environment imposed by space flight. - the proper tools, correct materials, design and w orkmanshipt. Workmanship standards are included to permit discrimination betw een proper and improper work. SCOPE This Standard defines the technical requirements and quality assurance provisions for the manufacture and verification of high-reliability electronic circuits of surface mount, through hole and solderless assemblies. The Standard defines w orkmanship requirements, the

acceptance and rejection criteria for high-reliability assemblies intended to withstand normal terrestrial conditions and the environment imposed by space flight. The mounting and supporting of components, terminals and conductors specified in this standard applies only to assemblies designed to continuously operate over the mission w ithin the temperature limits of -55 °C to +85 °C at solder joint level. Requirements related to printed circuit boards are contained in ECSS-Q-ST-70-60 (equivalent to EN 16602-70-60) and ECSS-Q-ST-70-12 (equivalent to EN 16602-70-12). This Standard does not cover the qualification and acceptance of the EQM and FM equipment w ith high-reliability electronic circuits of surface mount, through hole and solderless assemblies. This Standard does not cover verification of thermal properties for component assembly. This Standard does not cover pressfit connectors. The qualification and acceptance tests of equipment manufactured in accordance w ith this Standard are covered by ECSS-EST-10-03 (equivalent to EN 16603-10-03).

Keel: en
Alusdokumendid: EN 16602-70-61:2022
Asendab dokumenti: EVS-EN 16602-70-07:2014
Asendab dokumenti: EVS-EN 16602-70-08:2015
Asendab dokumenti: EVS-EN 16602-70-38:2019

EVS-EN ISO 13807:2022

Vitreous and porcelain enamels - Determination of crack formation temperature in the thermal shock testing of enamels for the chemical industry (ISO 13807:2022)

This International Standard specifies a test method for the determination of the crack formation temperature of enamels for the chemical industry by subjecting enamelled steel specimens to thermal shock using cold water. The value of the crack formation temperature measured according to this test method is not valid for the finished component (see annex A). It is a parameter of vitreous and porcelain enamels for comparing the relative quality of different enamel formulations.

Keel: en
Alusdokumendid: EN ISO 13807:2022; ISO 13807:2022
Asendab dokumenti: EVS-EN ISO 13807:2009

EVS-EN ISO 7963:2022

Non-destructive testing - Ultrasonic testing - Specification for calibration block No. 2 (ISO 7963:2022)

This document specifies the requirements for the dimensions, material, manufacture and methods of use for calibration block No. 2 for setting and checking ultrasonic test equipment.

Keel: en
Alusdokumendid: ISO 7963:2022; EN ISO 7963:2022
Asendab dokumenti: EVS-EN ISO 7963:2010

EVS-EN ISO/ASTM 52909:2022

Additive manufacturing - Finished part properties - Orientation and location dependence of mechanical properties for metal powder bed fusion (ISO/ASTM 52909:2022)

This document covers supplementary guidelines for evaluation of mechanical properties including static/quasi-static and dynamic testing of metals made by additive manufacturing (AM) to provide guidance toward reporting when results from testing of as-build specimen or those excised from printed parts made by this technique or both. This document is provided to leverage already existing standards. Guidelines are provided for mechanical properties measurements and reporting for additively manufactured metallic specimen as well as those excised from parts. This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety, health and environmental practices and determine the applicability of regulatory limitations prior to use. This document expands upon the nomenclature of ISO/ASTM 52900 and principles of ISO/ASTM 52921 and extends them specifically to metal additive manufacturing. The application of this document is primarily intended to provide guidance on orientation designations in cases where meaningful orientation/direction for AM cannot be obtained from available test methods.

Keel: en
Alusdokumendid: ISO/ASTM 52909:2022; EN ISO/ASTM 52909:2022

27 ELEKTRI- JA SOOJUSENERGEETIKA

CEN ISO/TR 4450:2022

Quality management systems - Guidance for the application of ISO 19443:2018 (ISO/TR 4450:2020)

This document provides guidance on the implementation of the ISO 19443 requirements, with examples of possible steps an organization can take to meet the requirements. It does not add to, subtract from, or in any way modify those requirements. This document does not prescribe mandatory approaches to implementation, or provide any preferred method of interpretation.

Keel: en
Alusdokumendid: ISO/TR 4450:2020; CEN ISO/TR 4450:2022

CWA 17941:2022

Guidelines for an integrated approach of building retrofitting projects based on enhanced shallow geothermal technologies

This CEN Workshop Agreement (CWA) provides orientation for the management of building retrofitting projects based on enhanced shallow geothermal technologies. This document provides guidelines for the classification of an integrated design team and the identification of the primary roles of actors among the whole project life-cycle. This document also provides a general workflow for building retrofitting projects based on enhanced shallow geothermal technologies, to be adapted or modified considering the specificities of each project requirements, and site characteristics, and stakeholder profiles involved in the process. This CWA is not designed to support European legislative requirements or to address issues with significant health and safety implications. CEN and CENELEC are not accountable for its technical content or any possible conflict with national standards or legislation.

Keel: en
Alusdokumendid: CWA 17941:2022

EVS-EN 12952-3:2022

Veetorudega katlad ja abipaigaldised. Osa 3: Katla survedetailide projekteerimine ja arvutamine
Water-tube boilers and auxiliary installations - Part 3: Design and calculation for pressure parts of the boiler

This document specifies the requirements for the design and calculation of water-tube boilers as defined in EN 12952-1. The purpose of this document is to ensure that the hazards associated with water-tube boilers are reduced to a minimum by the proper application of the design according to this part of EN 12952.

Keel: en
Alusdokumendid: EN 12952-3:2022
Asendab dokumenti: EVS-EN 12952-3:2011

29 ELEKTROTEHNIKA

EVS-EN 50089:2022

High-Voltage switchgear and controlgear - Insulating pressurised partitions for gas filled metal enclosures

This document applies to pressurized partitions used in indoor and outdoor installations of high-voltage AC and DC switchgear and controlgear with rated voltages (Ur) above 1 kV AC / 1,5 kV DC and with design pressure higher than 300 kPa, where the gas is used principally for its dielectric and/or arc-quenching properties. The partitions comprise pressurized barriers in electrical equipment not necessarily limited to the following examples: - circuit-breakers; - switch-disconnectors; - disconnectors; - earthing switches; - current transformers; - voltage transformers; - surge arresters; - busbars and connections; - cable connections/terminations; - cable bushings. Partitions which are only pressurized from one side are also covered. 1 kV AC / 1,5 kV DC means it is valid for the apparatus applied and where the partitions are installed; however, the application of voltages below 1 kV AC / 1,5 kV DC as in, for example, current and voltage transformers are not excluded. This document does not apply to high voltage bushings (see EN 60137, EN 61462 and EN 62155).

Keel: en
Alusdokumendid: EN 50089:2022
Asendab dokumenti: EVS-EN 50089:2002

EVS-EN 50187:2022

High-voltage switchgear and controlgear - Gas-filled compartments of AC switchgear and controlgear with rated voltages above 1 kV up to and including 52 kV

This document applies to pressurized gas-filled compartments of AC switchgear and controlgear with rated voltages above 1 kV and up to and including 52 kV for indoor or outdoor installations, where the gas or gas mixture is being used principally for its dielectric and/or arc-quenching properties and where the gases or gas mixtures in the compartment can be considered in conditions being chemically stable over its lifetime and non-corrosive to the material of the pressurized compartment in the conditions that prevail inside.

Keel: en
Alusdokumendid: EN 50187:2022
Asendab dokumenti: EVS-EN 50187:2002

EVS-EN 50341-2-1:2022

Overhead electrical lines exceeding AC 1 kV - Part 2-1: National Normative Aspects (NNAs) for Austria (based on EN 50341-1:2012)

1.1 General (A-dev) AT.1: A new overhead line is defined as the new construction of the totality of all conductors, their supports together with foundations, earthing grid, insulators, accessories and fittings used for the overground transport of electrical energy between two points A and B. 1.2 Field of application (A-dev) AT.1: Stranded-conductors or cable structures with telecommunications components carried on the line that do not simultaneously function as earth wires or stranded conductors are subject to the provisions of Annex U.

Keel: en

Alusdokumendid: EN 50341-2-1:2022
Asendab dokumenti: EVS-EN 50341-2-1:2020

EVS-EN 50525-1:2011/A1:2022

Juhtmed ja kaablid. Tugevvoolujuhtmed ja -kaablid nimipingega kuni 450/750 V (U0/U). Osa 1: Üldnõuded

Electric cables - Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) - Part 1: General requirements

This European Standard gives the general requirements for rigid and flexible energy cables of rated voltages U0/U up to and including 450/750 V AC, used in power installations and with domestic and industrial appliances and equipment. NOTE 1 For some types of flexible cables, the term "cord" is used. NOTE 2 Rated voltages are given by reference to alternating current systems. Use of the cables in direct current systems is permitted. NOTE 3 National regulations may prescribe additional performance requirements for cables that are not given in the particular requirements. For example for buildings with high levels of public access, additional fire performance requirements may be applicable, The test methods for checking conformity with the requirements are given in other standards (see Introduction). The particular types of cables are specified in EN 50525-2 (series) and EN 50525-3 (series). The individual parts within those two series are collectively referred to hereafter as "the particular specifications". Only the sizes (conductor class, cross-sectional area), number of cores, other constructional features and rated voltages given in the particular specification apply to the individual cable type. The code designations of these types of cables are in accordance with HD 361.

Keel: en
Alusdokumendid: EN 50525-1:2011/A1:2022
Muudab dokumenti: EVS-EN 50525-1:2011

EVS-EN 50525-1:2011+A1:2022

Juhtmed ja kaablid. Tugevvoolujuhtmed ja -kaablid nimipingega kuni 450/750 V (U0/U). Osa 1: Üldnõuded

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Keel: en
Alusdokumendid: EN 50525-1:2011; EN 50525-1:2011/A1:2022
Konsolideerib dokumenti: EVS-EN 50525-1:2011
Konsolideerib dokumenti: EVS-EN 50525-1:2011/A1:2022

EVS-EN 50549-10:2022

Requirements for generating plants to be connected in parallel with distribution networks - Part 10: Tests for conformity assessment of generating units

The purpose of this document is to provide technical guidance for tests on generating units and interface protection to evaluate their electrical characteristics. NOTE 1 Mechanical issues are taken into account as far as they influence the electrical characteristics. The evaluation results are intended to be used to demonstrate conformity of generating units to technical requirements for grid connection. In this context the evaluation results can also be used as part of a certification programme. NOTE 2 Besides the type test results of the generating unit all additional elements for connection to the grid (e.g. transformer, cabling, multiple units) are considered in the evaluation of the final installation of a generating plant. The requirements to be evaluated are covered in the following standardization documents: – EN 50549 1:2019: Requirements for generating plants to be connected in parallel with distribution networks - Part 1: connection to a LV distribution network - Generating plants up to and including Type B – EN 50549 2:2019: Requirements for generating plants to be connected in parallel with distribution networks - Part 2: Connection to a MV distribution network - Generating plants up to and including Type B If grid connection requirements are dealt with in other documents or for other generating module types, where no specific testing procedure is provided, testing methods of this document can be used if applicable. This document provides evaluation criteria for the conformity assessment of generating units with respect to the abovementioned standardization documents, based on type testing. However, some requirements are applicable on the generating plant level. The assessment of the conformity to these plant requirements are out of the scope of this document. Nevertheless, this document may be used to show the capabilities of a generating unit to be used in a plant. As a consequence, it is possible that the conformity assessment of a generating unit does not cover all aspects of the above-mentioned standardization documents, typically when a requirement is evaluated on a plant level. Therefore, the conformity assessment report indicates clearly which clauses of this document are covered and which clauses are not covered. This document recognizes the existence of specific technical test requirements within several member states that must be complied with.

Keel: en
Alusdokumendid: EN 50549-10:2022

EVS-EN IEC 62980:2022

Parasitic communication protocol for radio-frequency wireless power transmission

This standard defines procedures for transferring power to non-powered IoT devices using the existing ISM band communication infrastructure and RF WPT and a protocol for a two-way, long-distance wireless network in which IoT devices and APs communicate using backscatter modulation of ISM-band signals. Three components are required for two-way, long-distance wireless communication using backscatter modulation of ISM-band signals: an STA that transmits wireless power and data packets to SSNs by forming ISM-band signal channels between HIE-APs, a batteryless SSN that changes the sensitivity of the channel signals received from the STA using backscatter modulation, and an HIE-AP that practically decodes the channel signals whose sensitivity was changed by the SSN. In this standard, the procedures for CW-type RF WPT using communication among these three components are specified based on application of the CSI or RSSI detection method of ISM-band communication. This standard proposes a convergence communication protocol than can deploy sensors, which can operate at low power (dozens of microwatts or less) without batteries, collect energy, and perform communication, to transmit power to SSNs using RF WPT based on parasitic communication. This method can be applied to application service areas such as domestic IoT, the micro-sensor industry, and industries related to environmental monitoring in the future

Keel: en
Alusdokumendid: IEC 62980:2022; EN IEC 62980:2022

EVS-EN IEC 63254:2022

Management and interfaces for WPT - Device-to-device wireless charging (D2DWC) for mobile devices with wireless power TX/RX module

This standard defines specification and control protocol of D2DWC module for using wireless power TX and RX functions by only one single device. And the related antenna physical design examples are presented in Annex A for sharing information. This standard propose D2DWC module circuit requirement which are consisted with the D2DWC main AP, D2DWC IC, EMT/WPT Antenna Unit and PMIC unit. In the Chapter 5, ‘Specifications and control protocol of D2DWC’, the register information and message protocols for WPT control are defined in order to implement the WPT TX function. In this standard, the interface and protocol in the wireless power process of the mobile device can be used in accordance with the corresponding wireless power transfer standard. Any wireless power transfer standard working inside 100 - 350 kHz frequency range can be included from the scope of this standard. This standard can be used to mobile wireless power transfer in mobile phones and other mobile devices, IoT, and micro-sensor industries and related application fields.

Keel: en
Alusdokumendid: IEC 63254:2022; EN IEC 63254:2022

EVS-EN IEC 63286:2022

Flexible Organic Light Emitting Diode (OLED) panels for general lighting - Performance requirements

IEC 632186:2022 specifies the performance requirements of flexible organic light emitting diode tiles and panels for use on supplies up to 120 V ripple free DC for indoor and similar general lighting purposes and designed for being bent during the manufacturing process of curved luminaires.

Keel: en
Alusdokumendid: IEC 63286:2022; EN IEC 63286:2022

31 ELEKTROONIKA

EVS-EN 62007-1:2015/A1:2022

Semiconductor optoelectronic devices for fibre optic system applications - Part 1: Specification template for essential ratings and characteristics

Amendment to EN 62007-1:2015

Keel: en
Alusdokumendid: IEC 62007-1:2015/AMD1:2022; EN 62007-1:2015/A1:2022
Muudab dokumenti: EVS-EN 62007-1:2015

EVS-EN IEC 63207:2022

Measurement methods of blue light characteristics and related optical performance for visual display terminals

IEC 63207:2022 specifies measurement methods for optical performance (luminance) and blue light characteristics (BLCs) of visual display terminals (VDTs), excluding displays for outdoor use only.

Keel: en
Alusdokumendid: IEC 63207:2022; EN IEC 63207:2022

33 SIDETEHNIKA

EVS-EN 300 132-1 V2.2.1:2022

Environmental Engineering (EE); Power supply interface at the input to Information and Communication Technology (ICT) equipment; Part 1: Alternating Current (AC)

The present document contains requirements for the input of the ICT equipment connected to interface "A1". The voltage at interface "A1" defined in the present document is single phase and three phase AC. The following voltage range categories are covered: • Narrow single phase "A1"n-1p and narrow three phase "A1"n-3p AC voltage range defined to comply with nominal European AC voltages defined in IEC 60038. • Wide single phase "A1"w-1p and wide three phase "A1"w-3p AC voltage range for worldwide nominal AC voltages. This wide voltage range is based on the nominal voltages defined in IEC 60038. The present document aims at providing compatibility between the power supply equipment and both the ICT equipment, and the different load units connected to the same interface "A1" (e.g. control/monitoring, cooling system, etc.). The purpose of the present document is: • to identify a power supply system with the same characteristics for all ICT equipment defined in the area of application; the area of application may be any location where the interface "A1" is used i.e. telecommunication centres, Radio Base Stations, datacentres and customer premises; • to facilitate interworking of different (types of) loads; • to facilitate the standardization of power supply systems for ICT equipment; • to facilitate the installation, operation and maintenance in the same network of ICT equipment and systems from different origins. General requirements for safety and EMC are out of the scope of the present document series unless specific requirement not defined in existing safety or EMC standards. The present document concerns the requirements for the interface between Information and Communication Technology (ICT) equipment and its power supply. It includes requirements relating to its stability and measurement. Various other references and detailed measurement and test arrangements are contained in informative annexes.

Keel: en
Alusdokumendid: ETSI EN 300 132-1 V2.2.1

EVS-EN 300 176-1 V2.4.1:2022

Digital Enhanced Cordless Telecommunications (DECT); Test specification; Part 1: Radio

The present document specifies tests applicable to all Digital Enhanced Cordless Telecommunications (DECT) equipment accessing the DECT frequency band 1 880 MHz to 1 900 MHz and including provisions for testing other or extended frequency bands as described in ETSI EN 300 175-1 and ETSI EN 300 175-2. Part 2 of the present multi-part deliverable specifies tests applicable to DECT speech and audio transmission using a collection of speech codecs, including Recommendation ITU-T G.726 ADPCM codec, Recommendation ITU-T G.722 "7 kHz codec", "MPEG-4 codec", LC3plus and others. The aims of the present document are to ensure: • efficient use of frequency spectrum; • no harm done to any connected network and its services; • no harm done to other radio networks and services; • no harm done to other DECT equipment or its services; • interworking of terminal equipment via the public network. The tests of ETSI EN 300 176 are split into two parts: • the present document (part 1) covers testing of radio frequency parameters, security elements and those DECT protocols that facilitate the radio frequency tests and efficient use of frequency spectrum; • part 2 describes testing of speech and audio requirements between network interface and DECT PT, or between a DECT CI air interface and alternatively a DECT PT or FT. Part 2 is not applicable to terminal equipment specially designed for the disabled (e.g. with amplification of received speech as an aid for the hard-of-hearing). DECT terminal equipment consists of the following elements: a) Fixed Part (FP); b) Portable Part (PP); c) Cordless Terminal Adapter (CTA); d) Wireless Relay Station (WRS) (FP and PP combined); e) Hybrid Part (HyP) (a PP with capability to act as a FP to provide PP to PP communication). Details of the DECT Common Interface may be found in ETSI EN 300 175-1, ETSI EN 300 175 parts 2 to 3 , ETSI EN 300 175-4, ETSI EN 300 175 parts 5 to 6, and ETSI EN 300 175 parts 7 to 8. Further details of the DECT system may be found in the ETSI Technical Report ETSI TR 101 178. Information about ULE may be found in the ETSI Technical Specifications ETSI TS 102 939-1 and ETSI TS 102 939-2.

Keel: en
Alusdokumendid: ETSI EN 300 176-1 V2.4.1

EVS-EN 301 406-1 V3.1.1:2022

Raadiotelefonisüsteem (DECT); Raadiospektrile juurdepääsu harmoneeritud standard; Osa 1. DECT, DECT Evolution ja DECT ULE
Digital Enhanced Cordless Telecommunications (DECT); Harmonised Standard for access to radio spectrum; Part 1: DECT, DECT Evolution and DECT ULE

The present document specifies technical characteristics and methods of measurements for equipment implementing the Digital Enhanced Cordless Telecommunications (DECT) common interface, as specified in by the multi-part technical specification ETSI EN 300 175 including the variants DECT Evolution and DECT ULE (see ETSI EN 300 175-1 for an overview). The present document applies to the following equipment types: a) Fixed Part (FP); b) Portable Part (PP); c) Cordless Terminal Adapter (CTA); d) Wireless Relay Station (WRS) (FP and PP combined); e) Hybrid Part (HyP) (a PP with capability to act as a FP to provide PP to PP communication). These radio equipment types are capable of operating in all or any part of the frequency bands given in table 1. Table 1: Radiocommunications service frequency bands Radiocommunications service frequency bands Transmit 1 880 MHz to 1 900 MHz Receive 1 880 MHz to 1 900 MHz The DECT service frequency band for transmitting and receiving for all elements is 1 880 MHz to 1 900 MHz. Details of the DECT Common Interface may be found in ETSI EN 300 175-1 , ETSI EN 300 175 parts 2 to 3, ETSI EN 300 175-4, ETSI EN 300 175 parts 5 to 6, and ETSI EN 300 175 parts 7 to 8. Further details of the DECT system may be found in the ETSI TR 101 178. DECT ULE implements, in addition to the DECT Common Interface, the multi-part ETSI TS 102 939 (see ETSI TS 102 939-1 and ETSI TS 102 939-2). The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: ETSI EN 301 406-1 V3.1.1

EVS-EN 50697:2022

Information technology - Measurement of end-to-end links, modular plug terminated links and direct attach cabling

This document specifies the measurement of two- and four-pair balanced cabling of the following cabling configurations specified in EN 50173 20: a) end-to-end (E2E) link Class D, E and EA; b) modular plug terminated links (MPTLs) of Class D, E, EA, F, FA and of Class I and II; c) direct attach cabling of Class D, E, EA, F, FA and of Class I and II. The free connectors which terminate two and four pairs in field and laboratory conditions are included. This document specifies laboratory and field measurement procedures. The requirements for accuracy to measure cabling parameters identified in EN 50173 20 are provided in IEC 61935 1 and EN 61935 2.

Keel: en
Alusdokumendid: EN 50697:2022
Asendab dokumenti: EVS-EN 50697:2019

EVS-EN 62007-1:2015/A1:2022

Semiconductor optoelectronic devices for fibre optic system applications - Part 1: Specification template for essential ratings and characteristics

Amendment to EN 62007-1:2015

Keel: en
Alusdokumendid: IEC 62007-1:2015/AMD1:2022; EN 62007-1:2015/A1:2022
Muudab dokumenti: EVS-EN 62007-1:2015

EVS-EN 62148-12:2004/A1:2022

Fibre optic active components and devices - Package and interface standards - Part 12: Laser transmitters with a coaxial RF connector

Amendment to EN 62148-12:2004

Keel: en
Alusdokumendid: IEC 62148-12:2004/AMD1:2022; EN 62148-12:2004/A1:2022
Muudab dokumenti: EVS-EN 62148-12:2004

EVS-EN IEC 61000-4-11:2020/AC:2022

Elektromagnetiline ühilduvus (EMÜ). Osa 4-11: Katsetus- ja mõõtetehnika. Pingelohkude, lühikatkestuste ja pingemuutuste taluvuse katsetused seadmetele sisendvooluga kuni 16 A faasi kohta
Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase

Standardi EN IEC 61000-4-11:2020 parandus

Keel: en, et
Alusdokumendid: IEC 61000-4-11:2020/COR2:2022; EN IEC 61000-4-11:2020/AC:2022-10
Parandab dokumenti: EVS-EN IEC 61000-4-11:2020

EVS-EN IEC 61300-3-35:2022

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-35: Examinations and measurements - Visual inspection of fibre optic connectors and fibre-stub transceivers

IEC 61300-3-35:2022 is concerned with the observation and classification of debris, scratches and defects. The inspection requirements are based on IEC TR 62627-05. Advice for cleaning of contamination from fibres/ferrule is found in IEC TR 62627-01 and a recommendation is given in Annex D. IEC TR 62572-4 provides the cleaning method for a stub for optical transceivers. Visual inspection is in addition to, and does not replace measurement of performance parameters such as attenuation and return loss, or end face parameters. The dimensions specified are chosen such that they can be easily estimated. Not only the zones A and B on the fibre are inspected for defects and scratches but the whole contact area (where the two fibres/ferrules meet when mated) needs to be inspected for contamination (this is up to 250 µm diameter for cylindrical ferrules and the whole ferrule surface for rectangular ferrules).The objectives of this document are the following: - specify the minimum criteria for a microscope to be compliant to this document; - specify the procedure and criteria for inspecting fibre-optic end faces for cleanliness to determine if the end faces are fit for use. All connector optical interfaces (IEC 61755 series and IEC 63267 series) are based on physical contact between fibre cores; - provide quantitative criteria for the analysis of end face images. This third edition cancels and replaces the second edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - adding of a statement that visual inspection is not a substitute for optical qualification such as attenuation and return loss measurement; - adding of some terms and definitions; - adding requirements for SM 35 dB connectors; - adding of a sentence in Clause 5 concerning the susceptibility of the methods to system variability and variability within systems from same supplier; - removal of inspection requirements for zones C and D; - insertion of a generic cleanliness specification for whole rectangular ferrule and 250 µm area around every fibre; - adding a cleaning recommendation for rectangular and cylindrical ferrules; - outer edge of inspection zone B has changed from 115 µm to 110 µm to meet manufacturing tolerances of fixture for microscopes; - change that defects that are partly in core are only to be judged for the part they are in the core. The remainder of the defect is considered to be located in the cladding. - adding a statement that a

connector cannot be rejected by just failing visual inspection. Meeting the specified optical performance determines the use of this connector.

Keel: en
Alusdokumendid: IEC 61300-3-35:2022; EN IEC 61300-3-35:2022
Asendab dokumenti: EVS-EN 61300-3-35:2015

EVS-EN IEC 63207:2022

Measurement methods of blue light characteristics and related optical performance for visual display terminals

IEC 63207:2022 specifies measurement methods for optical performance (luminance) and blue light characteristics (BLCs) of visual display terminals (VDTs), excluding displays for outdoor use only.

Keel: en
Alusdokumendid: IEC 63207:2022; EN IEC 63207:2022

EVS-EN IEC 63254:2022

Management and interfaces for WPT - Device-to-device wireless charging (D2DWC) for mobile devices with wireless power TX/RX module

This standard defines specification and control protocol of D2DWC module for using wireless power TX and RX functions by only one single device. And the related antenna physical design examples are presented in Annex A for sharing information. This standard propose D2DWC module circuit requirement which are consisted with the D2DWC main AP, D2DWC IC, EMT/WPT Antenna Unit and PMIC unit. In the Chapter 5, 'Specifications and control protocol of D2DWC', the register information and message protocols for WPT control are defined in order to implement the WPT TX function. In this standard, the interface and protocol in the wireless power process of the mobile device can be used in accordance with the corresponding wireless power transfer standard. Any wireless power transfer standard working inside 100 - 350 kHz frequency range can be included from the scope of this standard. This standard can be used to mobile wireless power transfer in mobile phones and other mobile devices, IoT, and micro-sensor industries and related application fields.

Keel: en
Alusdokumendid: IEC 63254:2022; EN IEC 63254:2022

35 INFOTEHNOLOOGIA

CEN ISO/TS 21719-2:2022

Electronic fee collection - Personalization of on-board equipment (OBE) - Part 2: Using dedicated short-range communication (ISO/TS 21719-2:2022)

This document defines: — personalization interface: dedicated short-range communication (DSRC), — physical systems: on-board equipment and the personalization equipment, — DSRC-link requirements, — EFC personalization functions according to ISO/TS 21719-1 when defined for the DSRC interface, and — security data elements and mechanisms to be used over the DSRC interface. A protocol information conformance statement (PICS) proforma is provided in Annex B, and security computation examples are provided in Annex E. It is outside the scope of this document to define: — conformance procedures and test specifications, — setting-up of operating organizations (e.g. toll service provider, personalization agent, trusted third party), and — legal issues. NOTE Some of these issues are subject to separate standards prepared by ISO/TC 204, CEN/TC 278 or ETSI ERM.

Keel: en
Alusdokumendid: ISO/TS 21719-2:2022; CEN ISO/TS 21719-2:2022
Asendab dokumenti: CEN ISO/TS 21719-2:2018

EVS-EN 15969-1:2022

Tanks for transport of dangerous goods - Digital interface for the data transfer between tank vehicle and with stationary facilities - Part 1: Protocol specification - Control, measurement and event data

This document specifies data protocols and data format for the communication between electronic equipment (TVE), on-board computer (OBC) of the tank vehicle and stationary equipment. This document specifies the basic protocol FTL used in the communication (basic protocol layer), the format and structure of FTL-data to be transmitted (data protocol layer) and describes the content of the FTL-data. This data protocol can be used for other application e.g. between stationary tank equipment and offices.

Keel: en
Alusdokumendid: EN 15969-1:2022
Asendab dokumenti: EVS-EN 15969-1:2017

EVS-EN 15969-2:2022

Tanks for transport of dangerous goods - Digital interface for the data transfer between tank vehicle and with stationary facilities - Part 2: Commercial and logistic data

This document specifies the data structure needed for tour management, scheduling orders of measured and unmeasured products online to the truck. Processed orders are transferred back to the host in the office at once or later every time the truck is online. It specifies the transfer of commercial and logistic data between transport vehicle equipment, on board computer of the

tank vehicle and stationary facilities for all communication channels between these parties. This document is used in conjunction with EN 15969-1 and does not modify or override any of the requirements of EN 15969-1.

Keel: en
Alusdokumendid: EN 15969-2:2022
Asendab dokumenti: EVS-EN 15969-2:2017

EVS-EN 50173-20:2022

Information technology - Generic cabling systems - Part 20: Alternative cabling configurations

This document specifies: a) configurations of cabling which use components meeting the requirements of EN 50173-1 but do not conform to the structure of generic cabling specified in the premises-specific documents EN 50173-2 to EN 50173-6; b) channel transmission and environmental performance requirements including those by reference to EN 50173-1. NOTE The configurations of this document do not replace the generic cabling solutions of EN 50173-2, EN 50173-3, EN 50173-4, EN 50173-5 and EN 50173-6. Test procedures to verify conformance of the balanced cabling configurations to the cabling transmission performance requirements of this document are provided in EN 50697. Safety and electromagnetic compatibility (EMC) requirements are outside the scope of this document and are covered by other standards and regulations.

Keel: en
Alusdokumendid: EN 50173-20:2022

EVS-EN 50697:2022

Information technology - Measurement of end-to-end links, modular plug terminated links and direct attach cabling

This document specifies the measurement of two- and four-pair balanced cabling of the following cabling configurations specified in EN 50173 20: a) end-to-end (E2E) link Class D, E and EA; b) modular plug terminated links (MPTLs) of Class D, E, EA, F, FA and of Class I and II; c) direct attach cabling of Class D, E, EA, F, FA and of Class I and II. The free connectors which terminate two and four pairs in field and laboratory conditions are included. This document specifies laboratory and field measurement procedures. The requirements for accuracy to measure cabling parameters identified in EN 50173 20 are provided in IEC 61935 1 and EN 61935 2.

Keel: en
Alusdokumendid: EN 50697:2022
Asendab dokumenti: EVS-EN 50697:2019

EVS-EN IEC 63207:2022

Measurement methods of blue light characteristics and related optical performance for visual display terminals

IEC 63207:2022 specifies measurement methods for optical performance (luminance) and blue light characteristics (BLCs) of visual display terminals (VDTs), excluding displays for outdoor use only.

Keel: en
Alusdokumendid: IEC 63207:2022; EN IEC 63207:2022

EVS-EN ISO 13119:2022

Health informatics - Clinical knowledge resources - Metadata (ISO 13119:2022)

This document specifies a number of metadata elements that describe resources containing medical knowledge, primarily digital documents provided as web resources, accessible from databases or via file transfer, but can be applicable also to paper documents, e.g. articles in the medical literature. The metadata elements — support unambiguous and international understanding of important aspects to describe a resource, e.g. purpose, issuer, intended audience, legal status and scientific background, — are applicable to different kinds of digital resources, e.g. recommendation from consensus of a professional group, regulation by a governmental authority, clinical trial protocol from a pharmaceutical company, scientific manuscript from a research group, advice to patients with a specific disease, review article, — are possible to present to human readers including health professionals as well as individuals/patients, and — are potentially usable for automatic processing, e.g. to support search engines to restrict matches to documents of a certain type or quality level. The metadata elements defined in this document are not intended to — describe documents about a single patient, such as medical records, — describe details of the medical content of the resource (but some idea of the content can be described via keywords or codes), or — prescribe criteria for the quality of the resource content.

Keel: en
Alusdokumendid: ISO 13119:2022; EN ISO 13119:2022
Asendab dokumenti: EVS-EN ISO 13119:2012

EVS-EN ISO 6709:2022

Standard representation of geographic point location by coordinates (ISO 6709:2022)

This document specifies the representation of latitude and longitude and optionally height or depth compatible with previous editions of ISO 6709. This document also supports the representations of other coordinate types and time that can be associated with those coordinates as defined through one or more coordinate reference systems (CRS). This document describes a text string of coordinates, suitable for electronic data exchange, for one point, including reference system identification to ensure that the coordinates unambiguously represent the position of that point. Files containing multiple points with a single common reference system identification are out of scope. This document also describes a simpler text string structure for coordinate representation of a point location that is more suitable for human readability.

Keel: en
Alusdokumendid: ISO 6709:2022; EN ISO 6709:2022
Asendab dokumenti: EVS-EN ISO 6709:2010

43 MAANTEESÕIDUKITE EHITUS

EVS-EN 12806:2022

LPG equipment and accessories - Automotive liquefied petroleum gas components - Other than containers

This document specifies the general design and testing requirements for all components in automotive Liquefied Petroleum Gas (LPG) propulsion systems, which have a maximum allowable pressure equal to or greater than 20 kPa. This document also specifies the requirements for the Electric Control Unit (ECU), which is not subjected to pressure, and the gas-tight housing which has a maximum allowable pressure below 20 kPa. This document does not apply to containers.

Keel: en
Alusdokumendid: EN 12806:2022
Asendab dokumenti: EVS-EN 12806:2003

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 13297:2021+A1:2022

Väikelaevad. Elektrisüsteemid. Vahelduv- ja alalisvoolupaigaldised
Small craft - Electrical systems - Alternating and direct current installations (ISO 13297:2020 + ISO 13297:2020/Amd 1:2022)

This document specifies the requirements for the design, construction and installation of the following types of DC and AC electrical systems, installed on small craft either individually or in combination: a) extra-low-voltage direct current (DC) electrical systems that operate at nominal potentials of 50 V DC or less; b) single-phase alternating current (AC) systems that operate at a nominal voltage not exceeding AC 250 V. This document does not cover the following: — electrical propulsion systems of direct current less than 1 500 V DC, single-phase alternating current up to 1 000 V AC, and three-phase alternating current up to 1 000 V AC, which are addressed by ISO 16315; — any conductor that is part of an outboard engine assembly and that does not extend beyond the outboard engine manufacturers supplied cowling; — three-phase AC installations that operate at a nominal voltage not exceeding 500 V AC, which are addressed by IEC 60092-507.

Keel: en
Alusdokumendid: ISO 13297:2020; EN ISO 13297:2021; ISO 13297:2020/Amd 1:2022; EN ISO 13297:2021/A1:2022
Konsolideerib dokumenti: EVS-EN ISO 13297:2021
Konsolideerib dokumenti: EVS-EN ISO 13297:2021/A1:2022

EVS-EN ISO 25197:2020/A1:2022

Väikelaevad. Rooli, käiguvahetuse ja seguklapi elektrilised/elektroonilised juhtimissüsteemid
Small craft - Electrical/electronic control systems for steering, shift and throttle - Amendment 1 (ISO 25197:2020/Amd 1:2022)

This document establishes the requirements for the design, construction and testing of electrical/electronic steering, shift and throttle systems and dynamic positioning control systems, or combinations thereof, on small craft of up to 24 m length of hull. This document does not apply to electric trolling motors and autopilot systems on sailing craft.

Keel: en
Alusdokumendid: ISO 25197:2020/Amd 1:2022; EN ISO 25197:2020/A1:2022
Muudab dokumenti: EVS-EN ISO 25197:2020

49 LENNUNDUS JA KOSMOSETEHNIKA

CEN/TR 17904:2022

Cabin air quality on civil aircraft – Chemical compounds

This document defines recommendations dealing with the quality of the air on civil aircraft concerning chemical compounds potentially originating from, but not limited, to, the ventilation air supplied to the cabin and flight deck. A special emphasis is on the engine and APU bleed air contaminants potentially brought into the cabin through the air conditioning, pressurization and ventilation systems. The document is applicable to civil aircraft in operation from the period that is defined as when the first person enters the aircraft until the last person leaves the aircraft. The document recommends means to prevent exposure to certain types of chemical compounds, including those that could cause adverse effects, taking into account the Precautionary Principle.

Keel: en
Alusdokumendid: CEN/TR 17904:2022

EVS-EN 16602-70-61:2022

Space product assurance - High-reliability soldering for surface mount, mixed technology and hand-mounted electrical connections

This standard defines: - the basic requirements for the verification and approval of automatic machine w ave soldering for use in spacecraft hardware. The process requirements for w ave soldering of doublesided and multilayer boards are also defined. - the

technical requirements and quality assurance provisions for the manufacture and verification of manuallysoldered, high-reliability electrical connections. - the technical requirements and quality assurance provisions for the manufacture and verification of high-reliability electronic circuits based on surface mounted device (SMD) and mixed technology. - the acceptance and rejection criteria for high reliability manufacture of manually-soldered electrical connections intended to w ithstand normal terrestrial conditions and the vibrational g-loads and environment imposed by space flight. - the proper tools, correct materials, design and w orkmanshipt. Workmanship standards are included to permit discrimination betw een proper and improper work. SCOPE This Standard defines the technical requirements and quality assurance provisions for the manufacture and verification of high-reliability electronic circuits of surface mount, through hole and solderless assemblies. The Standard defines w orkmanship requirements, the acceptance and rejection criteria for high-reliability assemblies intended to withstand normal terrestrial conditions and the environment imposed by space flight. The mounting and supporting of components, terminals and conductors specified in this standard applies only to assemblies designed to continuously operate over the mission w ithin the temperature limits of -55 °C to +85 °C at solder joint level. Requirements related to printed circuit boards are contained in ECSS-Q-ST-70-60 (equivalent to EN 16602-70-60) and ECSS-Q-ST-70-12 (equivalent to EN 16602-70-12). This Standard does not cover the qualification and acceptance of the EQM and FM equipment w ith high-reliability electronic circuits of surface mount, through hole and solderless assemblies. This Standard does not cover verification of thermal properties for component assembly. This Standard does not cover pressfit connectors. The qualification and acceptance tests of equipment manufactured in accordance w ith this Standard are covered by ECSS-EST-10-03 (equivalent to EN 16603-10-03).

Keel: en
Alusdokumendid: EN 16602-70-61:2022
Asendab dokumenti: EVS-EN 16602-70-07:2014
Asendab dokumenti: EVS-EN 16602-70-08:2015
Asendab dokumenti: EVS-EN 16602-70-38:2019

EVS-EN 6052:2022

Aerospace series - Rivet-collar-system, aluminium alloy, shear type, inch series - Technical Specification

This document defines the requirements for qualification, acceptance, delivery and inspection of 100° countersunk head, 100° countersunk reduced head and protruding head close tolerance pins, shear type in aluminium alloy 7050-T73 and collars of aluminium alloy 3003 and of aluminium alloy 6061-T7 for use as permanent fasteners in aerospace applications.

Keel: en
Alusdokumendid: EN 6052:2022

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 12374:2022

Packaging - Flexible tubes - Terminology

This document defines the technical vocabulary in German, French and English, widely in use for flexible tubes. It is applicable to metal, plastic, multilayer or laminated tubes that are used for packing pharmaceutical, cosmetic, hygiene, food and other domestic or industrial products.

Keel: en
Alusdokumendid: EN 12374:2022
Asendab dokumenti: EVS-EN 12374:2009

EVS-EN 12377:2022

Packaging - Flexible tubes - Test method for the air tightness of closures

This document specifies a test method for airtightness of the closures for flexible tubes. It is applicable to flexible tubes used for packing pharmaceutical, cosmetic, hygiene, food and other domestic and industrial products It is not applicable to flexible tubes with external applicators added on to the tube by the consumer and pumps.

Keel: en
Alusdokumendid: EN 12377:2022
Asendab dokumenti: EVS-EN 12377:2014

EVS-EN 13048:2022

Packaging - Flexible aluminium tubes - Internal lacquer film thickness measurement method

This document specifies methods for the determination of the thickness of the lacquer film applied inside cylindrical and conical aluminium tubes. The methods are a reference. They can also be used as a reference when calibrating other electronic instruments suitable for determining coating weight thickness. It is applicable to aluminium tubes used for packing pharmaceutical, cosmetic, hygiene, food and other domestic products. NOTE Although not specified in this document there are available suitable automatic film thickness measurement instruments that provide instantaneous results with good accuracy (<1µm).

Keel: en
Alusdokumendid: EN 13048:2022
Asendab dokumenti: EVS-EN 13048:2009

EVS-EN 16565:2022

Packaging - Flexible tubes - Test method to determine the orientation of the flip-top cap

This document specifies a method to test the orientation of the flip-top cap on flexible cylindrical tubes [1]. It is applicable to aluminium, plastic and laminated tubes used for packing pharmaceutical, cosmetic, hygiene, food and other domestic and industrial products.

Keel: en
Alusdokumendid: EN 16565:2022
Asendab dokumenti: EVS-EN 16565:2014

EVS-EN 16592:2022

Packaging - Rigid plastic containers - PET finish 29/25 (12,6)

This document specifies the design and dimensions of the 29 mm screw finish with three (3) thread starts for flat waters and non-carbonated beverages. This document applies to finishes designated as PET finishes 29/25 (12,6). The dimension (12,6) is the height in millimetres from the top of finish to the bottom of the support ledge. This finish can be used for aseptic filling and filling which utilizes nitrogen pressure where the internal overpressure does not exceed 1 bar maximum. This finish is designed to accept only a tamper evident plastic closure, including those with an attachment feature.

Keel: en
Alusdokumendid: EN 16592:2022
Asendab dokumenti: EVS-EN 16592:2014

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN 15987:2022

Leather - Terminology - Key definitions for the leather trade

This document specifies the key terms and definitions used for the leather trade and provides guidance on the correct use of the term “leather”. Defined parameters in this document need to be assessed using standard test methods specific for leather. NOTE See Bibliography for leather test method standards.

Keel: en
Alusdokumendid: EN 15987:2022
Asendab dokumenti: EVS-EN 15987:2015

EVS-EN ISO 11644:2022

Leather - Test for adhesion of finish (ISO 11644:2022)

This document specifies a method for measuring the adhesion of the finish to leather or the adhesion between two adjacent layers of the finish. The method is valid for all finished flexible leathers with a smooth surface that can be bonded to an adherent plate without the adhesive penetrating into the finish. Preliminary experiments can be necessary to determine whether these conditions are met. This test method applies to finished leathers with a thick finish-coat. The method specified in this document does not apply to unpigmented articles or articles without a continuous coating layer, such as: — nubuk; — aniline; — pull-up; — suede; — perforated leather.

Keel: en
Alusdokumendid: ISO 11644:2022; EN ISO 11644:2022
Asendab dokumenti: EVS-EN ISO 11644:2009

EVS-EN ISO 14389:2022

Textiles - Determination of the phthalate content - Tetrahydrofuran method (ISO 14389:2022)

This document specifies a method of determining phthalates in textiles with gas chromatography–mass spectrometry (GC-MS). This document is applicable to textile products where there is a risk of the presence of some phthalates.

Keel: en
Alusdokumendid: ISO 14389:2022; EN ISO 14389:2022
Asendab dokumenti: EVS-EN ISO 14389:2014

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN ISO 11746:2022

Rice - Determination of biometric characteristics of kernels (ISO 11746:2020)

This document specifies a method for the determination of the biometric characteristics of husked or milled rice kernels.

Keel: en
Alusdokumendid: ISO 11746:2020; EN ISO 11746:2022

73 MÄENDUS JA MAAVARAD

EVS-EN 1467:2022
Natural stone - Rough blocks - Requirements

This document specifies requirements for rough blocks of natural stone from which products for use in building or commemorative stones and other similar applications are made. It does not apply to artificially agglomerated stony material nor installation.

Keel: en
Alusdokumendid: EN 1467:2022
Asendab dokumenti: EVS-EN 1467:2012

EVS-EN 1468:2022
Natural stone - Rough slabs - Requirements

This document specifies requirements for rough slabs of natural stone from which products for use in buildings or commemorative stones and other similar applications are made. It does not cover artificially agglomerated stony material nor installation.

Keel: en
Alusdokumendid: EN 1468:2022
Asendab dokumenti: EVS-EN 1468:2012

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 12177:2022
Liquid petroleum products - Unleaded petrol - Determination of benzene content by gas chromatography

This document specifies a column switching gas chromatographic method for the quantitative determination of benzene content in the range 0,05 % (V/V) to 6 % (V/V) in unleaded petrol having a final boiling point not greater than 220 °C. The method described in this document is suitable for determining benzene in petrol, including petrol containing oxygenates up to E10 (up to 3,7 % (m/m) oxygen content), in line with the relevant EC Directives [3]. NOTE For the purposes of this document, the terms "% (V/V)" and "% (m/m)" are used to represent respectively the volume fraction and the mass fraction. WARNING - Use of this document might involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: EN 12177:2022
Asendab dokumenti: EVS-EN 12177:2000

EVS-EN 16329:2022
Diesel and domestic heating fuels - Determination of cold filter plugging point - Linear cooling bath method

This document specifies an automated method for the determination of the cold filter plugging point (CFPP) of diesel and domestic heating fuels using linear cooling. This document is applicable to fatty-acid methyl esters (FAME) and to distillate fuels as well as paraffinic diesel fuels, including those containing FAME, flow-improvers or other additives, intended for use in diesel engines and domestic heating installations. The results obtained from the method specified in this document are suitable for estimating the lowest temperature at which a fuel will give trouble-free flow in the fuel system. NOTE In the case of diesel fuels, the results are usually close to the temperature of failure in service except when the fuel system contains, for example, a paper filter installed in a location exposed to the weather or if the filter plugging temperature is more than 12 °C below the cloud point of the fuel. Domestic heating installations are usually less critical and often operate at a satisfactory level at temperatures somewhat lower than those indicated by the test results. WARNING - The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: EN 16329:2022
Asendab dokumenti: EVS-EN 16329:2013

EVS-EN ISO 10715:2022
Natural gas - Gas sampling (ISO 10715:2022)

This document gives means for ensuring that samples of natural gas and natural gas substitutes that are conveyed into transmission and distribution grids are representative of the mass to which they are allocated. NOTE To ensure that a particular gas is taken into account in the standard, please see Annex A. This document is applicable for sampling at sites and locations where interchangeability criteria, energy content and network entry conditions are measured and monitored and is particularly relevant at cross border and fiscal measurement stations. It serves as an important source for control applications in natural gas processing and the measurement of trace components. This document is applicable to natural dry gas (single phase - typically gas transiting through natural gas pipelines) sampling only. On occasion a natural gas flow can have entrained liquid hydrocarbons. Attempting to sample a wet natural gas flow introduces the possibility of extra unspecified uncertainties in the resulting flow composition analysis. Sampling a wet gas (two or three phases) flow is outside the scope of this document. This document does not apply to the safety issues associated with gas sampling.

Keel: en
Alusdokumendid: ISO 10715:2022; EN ISO 10715:2022
Asendab dokumenti: EVS-EN ISO 10715:2000

77 METALLURGIA

EVS-EN ISO 5755:2022
Sintered metal material - Specifications (ISO 5755:2022)

This document specifies the requirements for the chemical composition and the mechanical and physical properties of sintered metal materials used for bearings and structural parts.

Keel: en
Alusdokumendid: ISO 5755:2022; EN ISO 5755:2022
Asendab dokumenti: EVS-EN ISO 5755:2012

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 15354:2022
Plastics - Extruded and/or calendered, non-reinforced film and sheeting made of plasticized poly(vinyl chloride) (PVC-P) - Characterization and designation

This document specifies the characterization and the designation of extruded and/or calendered, non-reinforced film or sheeting made of plasticized poly(vinyl chloride) (PVC-P). It specifies the corresponding test methods for the assessment of the characteristics. This document is applicable to film and sheeting in the range of thickness from 0,05 mm to 1 mm.

Keel: en
Alusdokumendid: EN 15354:2022
Asendab dokumenti: CEN/TS 15354:2006

EVS-EN ISO 16396-1:2022
Plastics - Polyamide (PA) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 16396-1:2022)

This document establishes a system of designation for polyamide (PA) moulding and extrusion materials, which can be used as the basis for specifications. The types of polyamide plastics are differentiated from each other by a classification system based on appropriate levels of the designatory properties a) viscosity number, b) tensile modulus, and c) nucleating additive, and on information about composition, intended application and/or method of processing, important properties, additives, colorants, fillers, and reinforcing materials. The designation system is applicable to all polyamide homopolymers, copolymers, and blends. It is applicable to unmodified materials ready for normal use and materials modified, for example, by colorants, additives, fillers, reinforcing materials, and polymer modifiers. This document does not apply to the following materials: — monomer casting-type polyamides of PA 6; — monomer casting-type polyamides of PA 12. It is not intended to imply that materials having the same designation give the same performance. This document does not provide engineering data, performance data, or data on processing conditions which can be required to specify a material. If such additional properties are required, they can be determined according to the test methods specified in ISO 16396-2, if suitable. In order to specify a thermoplastic material for a particular application, additional requirements can be given in data block 5 (see 4.1).

Keel: en
Alusdokumendid: ISO 16396-1:2022; EN ISO 16396-1:2022
Asendab dokumenti: EVS-EN ISO 16396-1:2015

91 EHITUSMATERJALID JA EHITUS

CWA 17941:2022
Guidelines for an integrated approach of building retrofitting projects based on enhanced shallow geothermal technologies

This CEN Workshop Agreement (CWA) provides orientation for the management of building retrofitting projects based on enhanced shallow geothermal technologies. This document provides guidelines for the classification of an integrated design team and the identification of the primary roles of actors among the whole project life-cycle. This document also provides a general workflow for building retrofitting projects based on enhanced shallow geothermal technologies, to be adapted or modified considering the specificities of each project requirements, and site characteristics, and stakeholder profiles involved in the process. This CWA is not designed to support European legislative requirements or to address issues with significant health and safety implications. CEN and CENELEC are not accountable for its technical content or any possible conflict with national standards or legislation.

Keel: en
Alusdokumendid: CWA 17941:2022

EVS-EN 1097-7:2022

Tests for mechanical and physical properties of aggregates - Part 7: Determination of the particle density of filler - Pyknometer method

This document specifies the reference method used for type testing and in cases of dispute for the determination of the particle density of filler by means of a pyknometer. For other purposes, in particular factory production control, other methods can be used provided that an appropriate working relationship with the reference method has been established. NOTE Methods for determination of particle density of aggregates are specified in EN 1097 6. Annex A specifies the procedure for determination of the pyknometer volume. Annex B specifies the procedure for determination of the density of the liquid used to determine the particle density of the filler. Annexes A and B are normative. WARNING — The use of this part of EN 1097 can involve hazardous materials, operations and equipment (such as liquids, dust, noise and heavy lifts). It does not purport to address all of the safety or environmental problems associated with its use. It is the responsibility of users of this document to take appropriate measures to ensure the safety and health of personnel and the environment prior to application of the standard, and fulfil statutory and regulatory requirements for this purpose.

Keel: en
Alusdokumendid: EN 1097-7:2022
Asendab dokumenti: EVS-EN 1097-7:2008

EVS-EN 1253-6:2022

Gullies for buildings - Part 6: Trapped floor gullies with a depth of water seal less than 50 mm

This document classifies floor gullies for domestic waste water for use inside buildings, gives guidance for places of installation and specifies requirements for the construction, design, performance and marking of factory made gullies for buildings, irrespective of the material, for use in drainage systems requiring a trap with a depth of water seal less than 50 mm (referred to as floor gullies). NOTE Floor gullies with a depth of water seal less than 50 mm are not covered by EN 1253 1, EN 1253 7 and EN 1253 8. These products are intended to be installed where the three following conditions are met: - space limitation will not accommodate a gully with a 50 mm water seal; - the building does not exceed a ground-floor and three floors above; - at least two domestic sanitary appliances are installed in addition to the gully but with only one WC on the same branch (connection pipe) or secondary or branch ventilation is installed (see EN 12056 2:2000, 4.3.2 or 4.3.4.

Keel: en
Alusdokumendid: EN 1253-6:2022

EVS-EN 1253-7:2022

Gullies for buildings - Part 7: Trapped floor gullies with mechanical closure

This document classifies floor gullies for domestic waste water for use inside buildings, gives guidance for places of installation and specifies requirements for the construction, design, performance and marking of factory made gullies for buildings, irrespective of the material, for use in drainage systems requiring a trap with a mechanical closure (referred to as floor gullies). NOTE Floor gullies with a depth of water seal less than 50 mm are not covered by EN 1253-1, EN 1253-7 and EN 1253-8. These products are intended to be installed where both conditions below are fulfilled: - the building does not exceed a ground-floor and three floors above; - infrequent use could result in a water seal evaporating.

Keel: en
Alusdokumendid: EN 1253-7:2022

EVS-EN 1253-8:2022

Gullies for buildings - Part 8: Trapped floor gullies with combined mechanical closure and water seal

This document classifies floor gullies for domestic wastewater for use inside buildings, gives guidance, gives guidance for places of installation and specifies requirements for the construction, design, performance and marking of factory made gullies for buildings, irrespective of the material, for use in drainage systems requiring a trap with combined mechanical closure and water seal (referred to as floor gullies). NOTE Floor gullies with combined mechanical closure and water seal are not covered by EN 1253-1, EN 1253-6, EN 1253-7. These products are intended to be installed where both condition below are fulfilled: - the building does not exceed a ground-floor and three floors above; - infrequent use could result in a water seal evaporating.

Keel: en
Alusdokumendid: EN 1253-8:2022

EVS-EN 13084-9:2022

Free-standing chimneys - Part 9: Lifetime management - Monitoring, inspection, maintenance, remedial and reporting; Operations and actions required

This document covers the general requirements and the basic criteria for lifetime management of all kinds of free-standing chimneys, comprising monitoring, inspection, maintenance, repair, reporting, and necessary actions and procedures. This document applies to any windshield, single stack, tower, mast and liner covered by the EN 13084 series. The Lifetime management considers the original structural and operating design of the structurally independent chimneys under operational conditions and other actions to verify that mechanical resistance and stability and safety in use are continued at the designed for level as expected and/or adapted to changes in the operational requirements of the structure and/or its environment. NOTE In other parts of the EN 13084 series, rules will be given where chimney products in accordance with EN 1443 (and the relating product standards) can be used in structurally independent chimneys.

Keel: en
Alusdokumendid: EN 13084-9:2022

EVS-EN 1467:2022

Natural stone - Rough blocks - Requirements

This document specifies requirements for rough blocks of natural stone from which products for use in building or commemorative stones and other similar applications are made. It does not apply to artificially agglomerated stony material nor installation.

Keel: en
Alusdokumendid: EN 1467:2022
Asendab dokumenti: EVS-EN 1467:2012

EVS-EN 1468:2022

Natural stone - Rough slabs - Requirements

This document specifies requirements for rough slabs of natural stone from which products for use in buildings or commemorative stones and other similar applications are made. It does not cover artificially agglomerated stony material nor installation.

Keel: en
Alusdokumendid: EN 1468:2022
Asendab dokumenti: EVS-EN 1468:2012

EVS-EN 16757:2022

Sustainability of construction works - Environmental product declarations - Product Category Rules for concrete and concrete elements

This document complements the core rules for the product category of construction products as defined in EN 15804:2012+A2:2019 and is intended to be used as a c-PCR in conjunction with that standard. This c-PCR applies to products within the scope of CEN/TC 104 and CEN/TC 229, but it may be applicable to other concrete products until they have product specific c-PCRs. This document applies to concrete and concrete elements for building and civil engineering, but excludes autoclaved aerated concrete and resin bound concrete. Apart from Annex G, it may be used as guidance for glass fibre reinforced concrete. This document defines the parameters to be reported, what EPD types (and life cycle stages) to be covered, what rules to be followed in order to generate Life Cycle Inventories (LCI) and conduct Life Cycle Impact Assessment (LCIA) and the data quality to be used in the development of EPDs. In addition to the common parts of EN 15804:2012+A2:2019, this document for concrete and concrete elements: - defines the system boundaries; - defines the modelling and assessment of material-specific characteristics; - defines allocation procedures for multi-output processes along the production chain; - defines allocation procedures for reuse and recycling; - includes the rules for calculating the LCI and the LCIA underlying the EPD; - provides guidance/specific rules for the determination of the reference service life (RSL); - gives guidance on the establishment of default scenarios; - gives guidance on default functional units for concrete elements. This document is intended to be used either for cradle to gate with options or cradle to grave assessment, provided the intentions are properly stated in the system boundary description. Within the construction works context, a cradle to grave declaration delivers a more comprehensive understanding of the environmental impact associated with concrete and concrete elements.

Keel: en
Alusdokumendid: EN 16757:2022
Asendab dokumenti: EVS-EN 16757:2017

EVS-EN 17672:2022

Sustainability of construction works - Environmental product declarations - Horizontal rules for business-to-consumer communication

This document provides horizontal rules for business-to-consumer communication including benchmarking systems that aim to inform consumers about the life cycle environmental performance of construction products, assembled systems and construction elements. The communication is based on the results of the life cycle of the product, system or element, as incorporated to the construction asset, see EN 15804:2012+A2:2019. B2C communication includes information on benefits and loads beyond the system boundary. This document is aimed at organizations providing business-to-consumer communication and benchmarking systems and provides guidance on how to develop business-to-consumer communication and common rules for benchmarking methodologies using EPD, see EN 15804, and see EN 15942 for the communication format. Business-to-consumer communication and benchmarking methodology described in this document is based on a functional unit and cradle-to-grave assessments. B2C communication with no benchmarking is also described in this document.

Keel: en
Alusdokumendid: EN 17672:2022

EVS-EN 17678-1:2022

Installation of post-tensioning kits for prestressing of structures - Part 1: Competence of personnel

This document specifies the minimum training and registration requirements for post-tensioning personnel involved in the installation of PT kits. These PT kits are typically used in concrete structures using bonded or unbonded tendons in accordance with the relevant execution specifications, product standard and / or appropriate technical assessment. This document specifies the tasks that the various categories of PT personnel can undertake. For the purposes of this document, PT personnel means: PT Manager, PT Supervisors, PT Operatives and PT Trainees who are directly employed or indirectly employed on a sub-contract basis. This document does not cover general safety and health aspects. This document does not cover contractual issues. prEN 17678-2:2022 deals with the assessment of competence.

Keel: en
Alusdokumendid: EN 17678-1:2022

EVS-EN 933-5:2022

Täitematerjalide geomeetriliste omaduste katsetamine. Osa 5: Purustatud terade protsentuaalse sisalduse määramine looduslikus jäme- ja fraktsioneerimata täitematerjalis
Tests for geometrical properties of aggregates - Part 5: Determination of percentage of crushed particles in coarse and all-in natural aggregates

See dokument kirjeldab etalonmeetodit, mida kasutatakse tüübikatsetustel ja vaidluste korral looduslike jämetäitematerjalide ja fraktsioneerimata täitematerjalide purustatud terade, täielikult purustatud terade ja täielikult ümardunud terade protsentuaalse sisalduse määramiseks. Teistel eesmärkidel, näiteks tehase tootmisohjel, võib kasutada teisi meetodeid, eeldusel et asjakohane toimiv seos etalonmeetodiga on tõestatud. MÄRKUS 1 Täiendatud katsemeetodite näited võib leida kirjanduse loetelust. Seda dokumenti kasutatakse jämetäitematerjali puhul terasuurusega 4/63 mm. Dokumenti ei kasutata kergtäitematerjalide puhul. MÄRKUS 2 4 mm kuni 20 mm läbimõõduga jämetäitematerjali puhul on purustatud pindadega terade sisaldus seotud voolavusteguriga. Seetõttu võib seda (purustatud pindade) näitajat kasutada seoses standardi EN 933-6 katse¬meetodiga. Jaotis 7.1 kirjeldab menetlust ühest fraktsioonist koosnevate katseproovide jaoks ja jaotis 7.2 kirjeldab menetlust kahest või enamast fraktsioonist koosnevate katseproovide jaoks. Juhised umbes 100 terast koosneva eri suurusega fraktsioonide hinnangulise massi kohta on toodud teatmelisas A. Katsemenetluse näited ja katseandmete registreerimislehe näide on toodud teatmelisades B ja C.

Keel: en, et
Alusdokumendid: EN 933-5:2022
Asendab dokumenti: EVS-EN 933-5:2007

EVS-EN ISO 10121-3:2022

Test methods for assessing the performance of gas-phase air cleaning media and devices for general ventilation - Part 3: Classification system for GPACDs applied to treatment of outdoor air (ISO 10121-3:2022)

This document establishes a classification system for GPACDs supplying single pass outdoor air to general ventilation systems using outdoor air polluted by local urban sources and/or long-distance pollution. The classification system is intended to aid in assessing molecular contamination in addition to the particulate contamination dealt with by ISO 16890-1. This document specifies four reference pollutants, i.e. ozone, sulphur dioxide, nitrogen dioxide and toluene, used for the classification due to their relevance to the intended application. This document further specifies three duty levels that are assigned for each pollutant reflecting the typical performance range of devices intended for the application. Since selection of reference pollutants and duty levels are specific and unique to the intended application, all other applications are excluded. In particular, this document does not apply to GPACDs in recirculation applications and/or dealing with pollution from indoor sources as well as pharmaceutical, microelectronic, nuclear, homeland security and military applications.

Keel: en
Alusdokumendid: ISO 10121-3:2022; EN ISO 10121-3:2022

EVS-EN ISO 15874-1:2013+A1:2022

Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 1: General (ISO 15874-1:2013 + ISO 15874-1:2013/Amd 1:2022)

This part of ISO 15874 specifies the general aspects of polypropylene (PP) piping systems intended to be used for hot and cold water installations within buildings for the conveyance of water whether or not intended for human consumption (domestic systems), and for heating systems, under design pressures and temperatures according to the class of application (see Table 1). It covers a range of service conditions (classes of application), design pressures and pipe dimension classes. Values of TD, Tmax and Tmal in excess of those in Table 1 of this part of ISO 15874 do not apply. NOTE It is the responsibility of the purchaser or specifier to make the appropriate selections from these aspects, taking into account their particular requirements and any relevant national regulations and installation practices or codes. It also specifies the test parameters for the test methods referred to in this part of ISO 15874. In conjunction with the other parts of ISO 15874, this part of ISO 15874 is applicable to PP pipes, fittings, their joints and to joints with components of other plastics and non-plastics materials intended to be used for hot and cold water installations.

Keel: en
Alusdokumendid: ISO 15874-1:2013; EN ISO 15874-1:2013; ISO 15874-1:2013/Amd 1:2022; EN ISO 15874-1:2013/A1:2022
Konsolideerib dokumenti: EVS-EN ISO 15874-1:2013
Konsolideerib dokumenti: EVS-EN ISO 15874-1:2013/A1:2022

EVS-EN ISO 15874-2:2013+A1+A2:2022

Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 2: Pipes (ISO 15874-2:2013 + ISO 15874-2:2013/Amd 1:2018 +ISO 15874-2:2013/Amd 2:2022)

This part ISO 15874 specifies the requirements of pipes made from polypropylene (PP) for piping systems intended to be used for hot and cold water installations within buildings for the conveyance of water whether or not intended for human consumption (domestic systems) and for heating systems under operating pressures and temperatures appropriate to the class of application (see ISO 15874-1:2013, Table 1). This part of ISO 15874 covers a range of service conditions (application classes), design pressures and pipe dimension classes. For values of TD, Tmax and Tmal in excess of those in Table 1 of ISO 15874-1:2013 do not apply. NOTE 1 It is the responsibility of the purchaser or specifier to make the appropriate selections from these aspects, taking into account their particular requirements and any relevant national regulations and installation practices or codes. It also specifies the test parameters for the test methods referred to in this part of ISO 15874. In conjunction with the other parts of ISO 15874, this part of ISO 15874 is applicable to PP pipes, their joints and to joints with components of PP, other plastics and non-plastics materials intended to be used for hot and cold water installations. It is applicable to pipes with or without (a) barrier layer(s). NOTE 2 In the case of plastics pipes provided with a thin barrier layer, e.g. to prevent or greatly diminish the diffusion

of gases and the transmission of light into or through the pipe wall, the design stress requirements are totally met by the base polymer (PP).

Keel: en
Alusdokumendid: ISO 15874-2:2013; EN ISO 15874-2:2013; ISO 15874-2:2013/Amd 1:2018; EN ISO 15874-2:2013/A1:2018; ISO 15874-2:2013/Amd 2:2022; EN ISO 15874-2:2013/A2:2022
Konsolideerib dokumenti: EVS-EN ISO 15874-2:2013
Konsolideerib dokumenti: EVS-EN ISO 15874-2:2013/A1:2018
Konsolideerib dokumenti: EVS-EN ISO 15874-2:2013/A2:2022

93 RAJATISED

EVS-EN 12697-26:2018+A1:2022

Bituminous mixtures - Test methods - Part 26: Stiffness

This European Standard specifies the methods for characterizing the stiffness of bituminous mixtures by alternative tests, including bending tests and direct and indirect tensile tests. The tests are performed on compacted bituminous material under a sinusoidal loading or other controlled loading, using different types of specimens and supports. The procedure is used to rank bituminous mixtures on the basis of stiffness, as a guide to relative performance in the pavement, to obtain data for estimating the structural behaviour in the road and to judge test data according to specifications for bituminous mixtures. As this standard does not impose a particular type of testing device the precise choice of the test conditions depends on the operating scope and working range of the device used. For the choice of specific test conditions, the requirements of the product standards for bituminous mixtures should be respected. The applicability of this document is described in the product standards for bituminous mixtures.

Keel: en
Alusdokumendid: EN 12697-26:2018+A1:2022
Asendab dokumenti: EVS-EN 12697-26:2018

97 OLME. MEELELAHUTUS. SPORT

EVS-EN IEC 60335-2-11:2022+A11:2022

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-11: Erinõuded trummelkuivatitele
Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers (IEC 60335-2-11:2019)

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric tumble dryers intended for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. NOTE 101 This standard applies to the drying function of washing machines having a drying cycle. This standard also deals with the safety of tumble dryers that use a refrigerating system, incorporating sealed motor-compressors, for drying textile material. These appliances may use flammable refrigerants. Additional requirements for these appliances are given in Annex AA. Appliances intended to be used by laymen in shops and other premises for normal housekeeping purposes, are within the scope of this document. NOTE Z101 Examples of appliance for household environment are appliances for typical housekeeping functions used in the household environment that may also be used by non-expert users for typical housekeeping functions: – in shops and other similar working environments; – in farm houses; – by clients in hotels, motels and other residential type environments; – in bed and breakfast type environments. NOTE Z102 Household environments include the dwelling and its associated buildings, the garden, etc. As far as is practicable, this document deals with the common hazards presented by appliances that are encountered by all persons in household and similar environments. However, in general, it does not take into account – children playing with the appliance, – the use of the appliance by very young children, – the use of the appliance by young children without supervision, – user maintenance by children, including the cleaning of the appliance. It is recognized that very vulnerable people may have needs beyond the level addressed in this document. NOTE 103 Attention is drawn to the fact that – for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements may be necessary; – in many countries, additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour, the national water supply authorities, NOTE 104 This standard does not apply to – appliances intended exclusively for industrial purposes; – appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas); – appliances incorporating steam generating devices in which steam is produced at a pressure exceeding 50 kPa. – tumble dryers to be used in commercial areas, e.g. laundrettes (see EN 50570);

Keel: en
Alusdokumendid: IEC 60335-2-11:2019; EN IEC 60335-2-11:2022; EN IEC 60335-2-11:2022/A11:2022
Konsolideerib dokumenti: EVS-EN IEC 60335-2-11:2022
Konsolideerib dokumenti: EVS-EN IEC 60335-2-11:2022/A11:2022

EVS-EN ISO 26986:2012/A1:2022

Resilient floor coverings - Expanded (cushioned) poly(vinyl chloride) floor covering - Specification - Amendment 1 (ISO 26986:2010/Amd 1:2022)

ISO 26986:2010 specifies the characteristics of floor coverings based on expanded (cushioned) poly(vinyl chloride), supplied as either tiles or rolls. ISO 26986:2010 includes a classification system based on the intensity of use, which shows where resilient floor coverings give satisfactory service.

Keel: en
Alusdokumendid: EN ISO 26986:2012/A1:2022; ISO 26986:2010/Amd 1:2022
Muudab dokumenti: EVS-EN ISO 26986:2012
Muudab dokumenti: EVS-EN ISO 26986:2012/AC:2012

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 12374:2009
Pakend. Painduvad tuubid. Terminoloogia
Packaging - Flexible tubes - Terminology

Keel: en
Alusdokumendid: EN 12374:2009
Asendatud järgmise dokumendiga: EVS-EN 12374:2022
Standardi staatus: Kehtetu

EVS-EN 15987:2015
Leather - Terminology - Key definitions for the leather trade

Keel: en
Alusdokumendid: EN 15987:2015
Asendatud järgmise dokumendiga: EVS-EN 15987:2022
Standardi staatus: Kehtetu

EVS-EN ISO 128-2:2020
Technical product documentation - General principles of representation - Part 2: Basic conventions for lines (ISO 128-2:2020)

Keel: en
Alusdokumendid: ISO 128-2:2020; EN ISO 128-2:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 128-2:2022
Standardi staatus: Kehtetu

EVS-HD 483.2 S2:2003
Sound system equipment; Part 2: Explanation of general terms and calculation methods

Keel: en
Alusdokumendid: IEC 60268-2:1987+A1:1991; HD 483.2 S2:1993
Standardi staatus: Kehtetu

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

CEN ISO/TS 21719-2:2018
Electronic fee collection - Personalization of on-board equipment (OBE) - Part 2: Using dedicated short-range communication (ISO/TS 21719-2:2018)

Keel: en
Alusdokumendid: ISO/TS 21719-2:2018; CEN ISO/TS 21719-2:2018
Asendatud järgmise dokumendiga: CEN ISO/TS 21719-2:2022
Standardi staatus: Kehtetu

CEN ISO/TS 22475-3:2007
Geotechnical investigation and testing - Sampling methods and groundwater measurements - Part 3: Conformity assessment of enterprises and personnel by third party

Keel: en
Alusdokumendid: ISO/TS 22475-3:2007; CEN ISO/TS 22475-3:2007
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 13936:2014
Workplace exposure - Procedures for measuring a chemical agent present as a mixture of airborne particles and vapour - Requirements and test methods

Keel: en
Alusdokumendid: EN 13936:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 23861:2022
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 61006:2004
Electrical insulating materials - Methods of test for the determination of the glass transition temperature

Keel: en
Alusdokumendid: IEC 61006:2004; EN 61006:2004
Standardi staatus: Kehtetu

EVS-EN ISO 5167-3:2020
Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 3: Nozzles and Venturi nozzles (ISO 5167-3:2019)

Keel: en
Alusdokumendid: ISO 5167-3:2020; EN ISO 5167-3:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 5167-3:2022
Standardi staatus: Kehtetu

EVS-EN ISO 5167-5:2016
Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 5: Cone meters (ISO 5167-5:2016)

Keel: en
Alusdokumendid: ISO 5167-5:2016; EN ISO 5167-5:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 5167-5:2022
Standardi staatus: Kehtetu

EVS-EN ISO 5167-6:2019
Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 6: Wedge meters (ISO 5167-6:2019)

Keel: en
Alusdokumendid: ISO 5167-6:2019; EN ISO 5167-6:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 5167-6:2022
Standardi staatus: Kehtetu

EVS-HD 483.10 S1:2003
Sound system equipment; Part 10: Peak programme level meters

Keel: en
Alusdokumendid: IEC 60268-10:1991; HD 483.10 S1:1993
Standardi staatus: Kehtetu

EVS-HD 483.17 S1:2003
Sound system equipment; part 17: standard volume indicators

Keel: en
Alusdokumendid: IEC 60268-17:1990+corr:1991; HD 483.17 S1:1992
Standardi staatus: Kehtetu

EVS-HD 483.2 S2:2003
Sound system equipment; Part 2: Explanation of general terms and calculation methods

Keel: en
Alusdokumendid: IEC 60268-2:1987+A1:1991; HD 483.2 S2:1993
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 12806:2003
Automotive liquefied petroleum gas components - Other than containers

Keel: en
Alusdokumendid: EN 12806:2003
Asendatud järgmise dokumendiga: EVS-EN 12806:2022
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN 16602-70-08:2015
Space product assurance - Manual soldering of high-reliability electrical connections

Keel: en
Alusdokumendid: ECSS-Q-ST-70-08C; EN 16602-70-08:2015
Asendatud järgmise dokumendiga: EVS-EN 16602-70-61:2022
Standardi staatus: Kehtetu

EVS-EN 16602-70-38:2019
Kosmosega seotud toodete kvaliteedi tagamine. Kõrge töökindlusega jootmine pindpaigaldusega ja eriliigilistele tehnoloogiatele
Space product assurance - High-reliability soldering for surface-mount and mixed technology

Keel: en
Alusdokumendid: ECSS-Q-ST-70-38C; EN 16602-70-38:2019
Asendatud järgmise dokumendiga: EVS-EN 16602-70-61:2022
Standardi staatus: Kehtetu

EVS-EN ISO 13807:2009
Vitreous and porcelain enamels - Determination of crack formation temperature in the thermal shock testing of enamels for the chemical industry

Keel: en
Alusdokumendid: ISO 13807:1999 + Cor 1:2000; EN ISO 13807:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 13807:2022
Standardi staatus: Kehtetu

EVS-EN ISO 7963:2010
Non-destructive testing - Ultrasonic testing - Specification for calibration block No. 2

Keel: en
Alusdokumendid: ISO 7963:2006; EN ISO 7963:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 7963:2022
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12952-3:2011
Veetorudega katlad ja abipaigaldised. Osa 3: Katla survedetailide projekteerimine ja arvutamine
Water-tube boilers and auxiliary installations - Part 3: Design and calculation for pressure parts of the boiler

Keel: en
Alusdokumendid: EN 12952-3:2011
Asendatud järgmise dokumendiga: EVS-EN 12952-3:2022
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 50089:2002
Cast resin partitions for metal enclosed gas-filled high voltage switchgear and controlgear

Keel: en
Alusdokumendid: EN 50089:1992+A1:1994
Asendatud järgmise dokumendiga: EVS-EN 50089:2022
Standardi staatus: Kehtetu

EVS-EN 50187:2002
Gas-filled compartments for a.c. switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV

Keel: en
Alusdokumendid: EN 50187:1996; EN 50187:1996/AC:1996
Asendatud järgmise dokumendiga: EVS-EN 50187:2022
Standardi staatus: Kehtetu

EVS-EN 50341-2-1:2020
Overhead electrical lines exceeding AC 1 kV - Part 2-1: National Normative Aspects (NNAs) for Austria (based on EN 50341-1:2012)

Keel: en
Alusdokumendid: EN 50341-2-1:2020
Asendatud järgmise dokumendiga: EVS-EN 50341-2-1:2022
Standardi staatus: Kehtetu

EVS-EN 61006:2004
Electrical insulating materials - Methods of test for the determination of the glass transition temperature

Keel: en
Alusdokumendid: IEC 61006:2004; EN 61006:2004
Standardi staatus: Kehtetu

EVS-HD 483.11 S3:2003
Sound system equipment; Part 11: Application of connectors for the interconnection of sound system components

Keel: en
Alusdokumendid: IEC 60268-11:1987+A1:1989+A2:1991; HD 483.11 S3:1993
Standardi staatus: Kehtetu

31 ELEKTROONIKA

CLC/TR 50448:2005
Guide to levels of competence required in laser safety

Keel: en
Alusdokumendid: CLC/TR 50448:2005
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 50697:2019
Information technology - Measurement of end-to-end (E2E) links

Keel: en
Alusdokumendid: EN 50697:2019
Asendatud järgmise dokumendiga: EVS-EN 50697:2022
Standardi staatus: Kehtetu

EVS-EN 61300-3-35:2015
Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-35: Examinations and measurements - Visual inspection of fibre optic connectors and fibre-stub transceivers

Keel: en
Alusdokumendid: IEC 61300-3-35:2015; EN 61300-3-35:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 61300-3-35:2022
Standardi staatus: Kehtetu

EVS-EN 62702-1-1:2016
Audio Archive System - Part 1-1: DVD disk and data migration for long term audio data storage

Keel: en
Alusdokumendid: IEC 62702-1-1:2016; EN 62702-1-1:2016
Parandatud järgmise dokumendiga: EVS-EN 62702-1-1:2016/AC:2018
Standardi staatus: Kehtetu

EVS-EN 62702-1-1:2016/AC:2018
Audio Archive System - Part 1-1: DVD disk and data migration for long term audio data storage

Keel: en
Alusdokumendid: IEC 62702-1-1:2016/COR1:2018; EN 62702-1-1:2016/AC:2018-04
Standardi staatus: Kehtetu

EVS-HD 311.10 S1:2003
Magnetic tape sound recording and reproducing systems; Part 10: Time and address codes

Keel: en
Alusdokumendid: IEC 60094-10:1988; HD 311.10 S1:1989
Standardi staatus: Kehtetu

EVS-HD 311.6 S1:2003
Magnetic tape sound recording and reproducing systems; Part 6: Reel-to-reel systems

Keel: en
Alusdokumendid: IEC 60094-6:1985; HD 311.6 S1:1987
Standardi staatus: Kehtetu

EVS-HD 461 S1:2003
Helical-scan video tape cassette system using 12.65 mm (0, 5 in) magnetic tape on type beta format

Keel: en
Alusdokumendid: IEC 60767:1983; HD 461 S1:1987
Standardi staatus: Kehtetu

EVS-HD 483.1 S2:2003
Sound system equipment; Part 1: General

Keel: en
Alusdokumendid: IEC 60268-1:1985+A1:1988; HD 483.1 S2:1989
Standardi staatus: Kehtetu

EVS-HD 527 S1:2003
Measuring method for chrominance signal-to- random noise ratio for video tape recorders

Keel: en
Alusdokumendid: IEC 60883:1987; HD 527 S1:1989
Standardi staatus: Kehtetu

EVS-HD 544 S1:2003
Audio recording; PCM encoder/decoder system

Keel: en
Alusdokumendid: IEC 60841:1988; HD 544 S1:1989
Standardi staatus: Kehtetu

EVS-HD 560.1 S1:2003
Methods of measurement on radio receivers for various classes of emission; Part 1: General considerations and methods of measurement, including audio-frequency measurements

Keel: en
Alusdokumendid: IEC 60315-1:1988; HD 560.1 S1:1990
Standardi staatus: Kehtetu

EVS-HD 567.6 S1:2003
Recommended methods of measurement on receivers for television broadcast transmissions; Part 6: Measurement under conditions different from broadcast signal standards

Keel: en
Alusdokumendid: IEC 60107-6:1989; HD 567.6 S1:1990
Standardi staatus: Kehtetu

EVS-HD 574 S1:2003
Type B helical video recorders

Keel: en
Alusdokumendid: IEC 60602:1980+A1:1987; HD 574 S1:1990
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CEN ISO/TS 21719-2:2018
Electronic fee collection - Personalization of on-board equipment (OBE) - Part 2: Using dedicated short-range communication (ISO/TS 21719-2:2018)

Keel: en
Alusdokumendid: ISO/TS 21719-2:2018; CEN ISO/TS 21719-2:2018
Asendatud järgmise dokumendiga: CEN ISO/TS 21719-2:2022
Standardi staatus: Kehtetu

EVS-EN 15969-1:2017
Tanks for transport of dangerous goods - Digital interface for the data transfer between tank vehicle and with stationary facilities - Part 1: Protocol specification - Control, measurement and event data

Keel: en
Alusdokumendid: EN 15969-1:2017
Asendatud järgmise dokumendiga: EVS-EN 15969-1:2022
Standardi staatus: Kehtetu

EVS-EN 15969-2:2017
Tanks for transport of dangerous goods - Digital interface for the data transfer between tank vehicle and with stationary facilities - Part 2: Commercial and logistic data

Keel: en
Alusdokumendid: EN 15969-2:2017
Asendatud järgmise dokumendiga: EVS-EN 15969-2:2022
Standardi staatus: Kehtetu

EVS-EN 50697:2019
Information technology - Measurement of end-to-end (E2E) links

Keel: en
Alusdokumendid: EN 50697:2019
Asendatud järgmise dokumendiga: EVS-EN 50697:2022
Standardi staatus: Kehtetu

EVS-EN 62702-1-1:2016
Audio Archive System - Part 1-1: DVD disk and data migration for long term audio data storage

Keel: en
Alusdokumendid: IEC 62702-1-1:2016; EN 62702-1-1:2016
Parandatud järgmise dokumendiga: EVS-EN 62702-1-1:2016/AC:2018
Standardi staatus: Kehtetu

EVS-EN 62702-1-1:2016/AC:2018
Audio Archive System - Part 1-1: DVD disk and data migration for long term audio data storage

Keel: en
Alusdokumendid: IEC 62702-1-1:2016/COR1:2018; EN 62702-1-1:2016/AC:2018-04
Standardi staatus: Kehtetu

EVS-EN ISO 13119:2012
Health informatics - Clinical knowledge resources - Metadata (ISO 13119:2012)

Keel: en
Alusdokumendid: ISO 13119:2012; EN ISO 13119:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 13119:2022
Standardi staatus: Kehtetu

EVS-EN ISO 6709:2010
Standard representation of geographic point location by coordinates

Keel: en
Alusdokumendid: ISO 6709:2008+Cor 1:2009; EN ISO 6709:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 6709:2022
Standardi staatus: Kehtetu

43 MAANTEESÕIDUKITE EHITUS

EVS-EN 12806:2003
Automotive liquefied petroleum gas components - Other than containers

Keel: en
Alusdokumendid: EN 12806:2003
Asendatud järgmise dokumendiga: EVS-EN 12806:2022
Standardi staatus: Kehtetu

47 LAEVAEHITUS JA MERE-EHITISED

EVS-ISO 28000:2009
Tarneahela turvalisuse juhtimissüsteemide spetsifikatsioon
Specification for security management systems for the supply chain

Keel: en, et
Alusdokumendid: ISO 28000:2007
Asendatud järgmise dokumendiga: EVS-ISO 28000:2022
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 16602-70-07:2014
Space product assurance - Verification and approval of automatic machine wave soldering

Keel: en
Alusdokumendid: ECSS-Q-ST-70-07C; EN 16602-70-07:2014
Asendatud järgmise dokumendiga: EVS-EN 16602-70-61:2022
Standardi staatus: Kehtetu

EVS-EN 16602-70-08:2015
Space product assurance - Manual soldering of high-reliability electrical connections

Keel: en
Alusdokumendid: ECSS-Q-ST-70-08C; EN 16602-70-08:2015
Asendatud järgmise dokumendiga: EVS-EN 16602-70-61:2022
Standardi staatus: Kehtetu

EVS-EN 16602-70-38:2019
Kosmosega seotud toodete kvaliteedi tagamine. Kõrge töökindlusega jootmine pindpaigaldusega ja eriliigilistele tehnoloogiatele
Space product assurance - High-reliability soldering for surface-mount and mixed technology

Keel: en
Alusdokumendid: ECSS-Q-ST-70-38C; EN 16602-70-38:2019
Asendatud järgmise dokumendiga: EVS-EN 16602-70-61:2022
Standardi staatus: Kehtetu

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 12374:2009
Pakend. Painduvad tuubid. Terminoloogia
Packaging - Flexible tubes - Terminology

Keel: en
Alusdokumendid: EN 12374:2009
Asendatud järgmise dokumendiga: EVS-EN 12374:2022
Standardi staatus: Kehtetu

EVS-EN 12377:2014
Packaging - Flexible tubes - Test method for the air tightness of closures

Keel: en
Alusdokumendid: EN 12377:2014
Asendatud järgmise dokumendiga: EVS-EN 12377:2022
Standardi staatus: Kehtetu

EVS-EN 13048:2009
Packaging - Flexible aluminium tubes - Internal lacquer film thickness measurement method

Keel: en
Alusdokumendid: EN 13048:2009
Asendatud järgmise dokumendiga: EVS-EN 13048:2022
Standardi staatus: Kehtetu

EVS-EN 16565:2014
Packaging - Flexible tubes - Test method to determine the orientation of the flip-top cap

Keel: en
Alusdokumendid: EN 16565:2014
Asendatud järgmise dokumendiga: EVS-EN 16565:2022
Standardi staatus: Kehtetu

EVS-EN 16592:2014
Packaging - Rigid plastic containers - PET finish 29/25 (12,6)

Keel: en
Alusdokumendid: EN 16592:2014
Asendatud järgmise dokumendiga: EVS-EN 16592:2022
Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN 15987:2015
Leather - Terminology - Key definitions for the leather trade

Keel: en
Alusdokumendid: EN 15987:2015
Asendatud järgmise dokumendiga: EVS-EN 15987:2022
Standardi staatus: Kehtetu

EVS-EN ISO 11644:2009
Nahk. Viimistlusmaterjali püsivuse katsetamine
Leather - Test for adhesion of finish

Keel: en
Alusdokumendid: ISO 11644:2009; EN ISO 11644:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 11644:2022
Standardi staatus: Kehtetu

EVS-EN ISO 14389:2014
Textiles - Determination of the phthalate content - Tetrahydrofuran method (ISO 14389:2014)

Keel: en
Alusdokumendid: EN ISO 14389:2014; ISO 14389:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 14389:2022
Standardi staatus: Kehtetu

73 MÄENDUS JA MAAVARAD

EVS-EN 1467:2012
Natural stones - Rough blocks - Requirements

Keel: en
Alusdokumendid: EN 1467:2012
Asendatud järgmise dokumendiga: EVS-EN 1467:2022
Standardi staatus: Kehtetu

EVS-EN 1468:2012
Natural stone - Rough slabs - Requirements

Keel: en
Alusdokumendid: EN 1468:2012
Asendatud järgmise dokumendiga: EVS-EN 1468:2022
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 12177:2000
Liquid petroleum products - Unleaded petrol - Determination of benzene content by gas chromatography

Keel: en
Alusdokumendid: EN 12177:1998 + AC:2000
Asendatud järgmise dokumendiga: EVS-EN 12177:2022
Standardi staatus: Kehtetu

EVS-EN 16329:2013
Diesel and domestic heating fuels - Determination of cold filter plugging point - Linear cooling bath method

Keel: en
Alusdokumendid: EN 16329:2013
Asendatud järgmise dokumendiga: EVS-EN 16329:2022
Standardi staatus: Kehtetu

EVS-EN ISO 10715:2000
Natural gas - Sampling guidelines

Keel: en
Alusdokumendid: ISO 10715:1997; EN ISO 10715:2000
Asendatud järgmise dokumendiga: EVS-EN ISO 10715:2022
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN ISO 5755:2012
Sintered metal materials - Specifications (ISO 5755:2012)

Keel: en
Alusdokumendid: ISO 5755:2012; EN ISO 5755:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 5755:2022
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

CEN/TS 15354:2006
Plastics - Extruded and/or calendered, non-reinforced film and sheeting made of plasticized poly(vinyl chloride) (PVC-P) - Guidance for characterisation and designation

Keel: en
Alusdokumendid: CEN/TS 15354:2006
Asendatud järgmise dokumendiga: EVS-EN 15354:2022
Standardi staatus: Kehtetu

EVS-EN ISO 16396-1:2015
Plastics - Polyamide (PA) moulding and extrusion materials - Part 1: Designation system, marking of products and basis for specifications (ISO 16396-1:2015)

Keel: en
Alusdokumendid: ISO 16396-1:2015; EN ISO 16396-1:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 16396-1:2022
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 1097-7:2008
Tests for mechanical and physical properties of aggregates - Part 7: Determination of the particle density of filler - Pyknometer method

Keel: en
Alusdokumendid: EN 1097-7:2008
Asendatud järgmise dokumendiga: EVS-EN 1097-7:2022
Standardi staatus: Kehtetu

EVS-EN 1467:2012
Natural stones - Rough blocks - Requirements

Keel: en
Alusdokumendid: EN 1467:2012
Asendatud järgmise dokumendiga: EVS-EN 1467:2022
Standardi staatus: Kehtetu

EVS-EN 1468:2012
Natural stone - Rough slabs - Requirements

Keel: en
Alusdokumendid: EN 1468:2012
Asendatud järgmise dokumendiga: EVS-EN 1468:2022
Standardi staatus: Kehtetu

EVS-EN 16757:2017
Sustainability of construction works - Environmental product declarations - Product Category Rules for concrete and concrete elements

Keel: en
Alusdokumendid: EN 16757:2017
Asendatud järgmise dokumendiga: EVS-EN 16757:2022
Standardi staatus: Kehtetu

EVS-EN 933-5:2007
Täitematerjalide geomeetriliste omaduste katsetamine. Osa 5: Purustatud pindadega terade protsentuaalse sisalduse määramine jämetäitematerjalis KONSOLIDEERITUD TEKST
Tests for geometrical properties of aggregates - Part 5: Determination of percentage of crushed and broken surfaces in coarse aggregate particles CONSOLIDATED TEXT

Keel: en, et
Alusdokumendid: EN 933-5:1998+A1:2004
Asendatud järgmise dokumendiga: EVS-EN 933-5:2022
Standardi staatus: Kehtetu

93 RAJATISED

CEN ISO/TS 22475-2:2006
Geotechnical investigation and testing - Sampling methods and groundwater measurements - Part 2: Qualification criteria for enterprises and personnel

Keel: en
Alusdokumendid: ISO/TS 22475-2:2006; CEN ISO/TS 22475-2:2006
Standardi staatus: Kehtetu

CEN ISO/TS 22475-3:2007
Geotechnical investigation and testing - Sampling methods and groundwater measurements - Part 3: Conformity assessment of enterprises and personnel by third party

Keel: en
Alusdokumendid: ISO/TS 22475-3:2007; CEN ISO/TS 22475-3:2007
Standardi staatus: Kehtetu

EVS-EN 12697-26:2018
Bituminous mixtures - Test methods - Part 26: Stiffness

Keel: en
Alusdokumendid: EN 12697-26:2018
Asendatud järgmise dokumendiga: EVS-EN 12697-26:2018+A1:2022
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

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

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

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

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

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EN ISO 5459:2011/prA1

Geometrical product specifications (GPS) - Geometrical tolerancing - Datums and datum systems - Amendment 1 (ISO 5459:2011/DAM 1:2022)

Amendment to EN ISO 5459:2011

Keel: en
Alusdokumendid: ISO 5459:2011/DAmd 1; EN ISO 5459:2011/prA1
Muudab dokumenti: EVS-EN ISO 5459:2011

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEVS-ISO 690

Informatsioon ja dokumentatsioon. Juhend bibliograafia- ja allikaviidete lisamiseks inforessurssides

Information and documentation — Guidelines for bibliographic references and citations to information resources (ISO 690:2021, identical)

See dokument kirjeldab põhimõtete, suuniste ja nõuete kogumit bibliograafia- ja allikaviidete lisamiseks teostes, mis ei ole põhiosas bibliograafilised. Dokument on mõeldud igat tüüpi inforessursside bibliograafia- ja allikaviidete jaoks, kaasa arvatud (kuid mitte ainult) monograafiad, jadaväljaanded, monograafiatesse ja jadaväljaannetesse tehtud kaastööd, patendid, kaarditeavikud, kunstiteosed, tegevuskunstid ja eri liiki elektroonilised ressursid, näiteks teadusinfo andmekogud, andmebaasid, programmid ja rakendused, veebiarhiivid ja sotsiaalmeedia, muusika, helisalvestused, trükised, fotod, graafilised ja audiovisuaalsed materjalid, arhiiviallikad ja liikuvatest piltidest koosnevad teosed. Käesolev dokument pakub inforessurssides viitamiseks seostatud väljundsüsteemi, mis võimaldab süsteemi poolt genereeritud viite järgi leida viite algallika. See süsteem on kavandatud keelteüleseks rakendamiseks. Süsteemi poolt genereeritud viited on masin-parsitavad. Selles dokumendis kirjeldatavat viitamissüsteemi saab kasutada raamistikuna eri viitamisstiilide koostamisel. Selles dokumendis ei täpsustata, missugune peaks olema andmemudel masinloetavate viidete jaoks, ehkki selline täpsustus võib olla ära toodud eraldi dokumendis või lisatud ISO 690 hilisemale väljaandele. Käesolev dokument ei käsitle juhised juriidiliste viidete jaoks, näiteks viited kohtuasjadele, põhimäärustele või uurimustele, kuna sellised juhised on tavaliselt riigipõhised. Soovitused selle kohta, milliseid infoallikaid võib või ei tohiks tsiteerida, või näiteks sotsiaalmeedia tsiteerimisega seotud riskide kirjeldamine ei kuulu selle dokumendi käsitlusalasse. 1 Näiteks on USA-s tavaliselt kasutusel ALWD Guide to Legal Citation ja Bluebook, sõltuvalt kehtivast jurisdiktsioonist. 2 Õppeasutused või teadusväljaannete kirjastajad ei pruugi teadustööde ja teiste teadusalaste kirjutiste puhul aktsepteerida viiteid teatud infoallikatele, näiteks Wikipeedia artiklid.

Keel: en
Alusdokumendid: ISO 690:2021

Arvamusküsitluse lõppkuupäev: 13.01.2023

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

prEN 16494

Railway applications - Requirements for ERTMS Trackside Boards

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

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

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN ISO 19160-2

Addressing - Part 2: Assigning and maintaining addresses for objects in the physical world (ISO/DIS 19160-2:2022)

Scope of the proposed deliverable This document focuses on assigning and maintaining addresses that allow the unambiguous determination of an object in the physical world for purposes of identification and location in the context of public administration and public service delivery. During assignment an address is first associated with a particular object in the physical world. During maintenance the address changes, e.g., it is re-assigned to a different object, one or more of the address components are modified (e.g. a street name change), or the address is retired when it is no longer used. This document — establishes an overall set of objectives for assigning and maintaining addresses; — specifies the principles for assigning and maintaining addresses; — specifies a good practice for assigning and maintaining addresses; and — specifies a governance framework for assigning and maintaining addresses; Very often local governments (e.g. municipalities) are assigned the mandate for the planning, implementation, evaluation, and ongoing maintenance of addresses, and they are often supported by other organizations, such as national government, private sector companies and national or regional organizations. This document is of relevance and applicable to all these organizations who have an interest, role or responsibility in address assignment and maintenance, such as — developing legislation, policies or regulations for addressing; — facilitating and coordinating the naming of address components (the constituent parts of an address) and announcing and communicating these names; — installing address component signs in the physical world; — designing and implementing business processes related to address assignment and maintenance; — designing, implementing and maintaining access to address data; — developing software to facilitate the above; and — using addresses.

Keel: en
Alusdokumendid: ISO/DIS 19160-2; prEN ISO 19160-2

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEVS-ISO 21504

Projekti-, programmi- ja portfellijuhtimine. Portfellijuhtimise juhised
Project, programme and portfolio management — Guidance on portfolio management

See dokument annab juhised projektide ja programmide portfelli juhtimise põhimõtete kohta. See dokument on asjakohane igat tüüpi, sealhulgas avaliku või erasektori, igasuguse suurusega või mistahes sektorisse kuuluvate organisatsioonide jaoks. Selles dokumendis esitatud juhised on mõeldud kohandamiseks, et need sobiks iga projekti- ja programmiportfelli eriomase keskkonnaga. See dokument ei anna juhiseid projektijuhtimise, programmijuhtimise ega muude eriomaste portfellijuhtimise tüüpide (nagu nt finantsportfelli juhtimise) kohta.

Keel: en
Alusdokumendid: ISO 21504:2022

Arvamusküsitluse lõppkuupäev: 13.01.2023

11 TERVISEHOOLDUS

EN IEC 60601-2-19:2021/prA1:2022

Medical electrical equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators - Amendment 1

Amendment to EN IEC 60601-2-19:2021

Keel: en
Alusdokumendid: 62D/1984/CDV; EN IEC 60601-2-19:2021/prA1:2022
Muudab dokumenti: EVS-EN IEC 60601-2-19:2021

Arvamusküsitluse lõppkuupäev: 13.01.2023

EN IEC 60601-2-20:2020/prA1:2022

Medical electrical equipment - Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators - Amendment 1

Amendment to EN IEC 60601-2-20:2020

Keel: en
Alusdokumendid: 62D/1986/CDV; EN IEC 60601-2-20:2020/prA1:2022
Muudab dokumenti: EVS-EN IEC 60601-2-20:2020

Arvamusküsitluse lõppkuupäev: 13.01.2023

EN IEC 60601-2-21:2021/prA1:2022

Medical electrical equipment - Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers - Amendment 1

Amendment to EN IEC 60601-2-21:2021

Keel: en
Alusdokumendid: 62D/1983/CDV; EN IEC 60601-2-21:2021/prA1:2022
Muudab dokumenti: EVS-EN IEC 60601-2-21:2021

Arvamusküsitluse lõppkuupäev: 13.01.2023

EN IEC 60601-2-35:2021/prA1:2022

Medical electrical equipment - Part 2-35: Particular requirements for the basic safety and essential performance of heating devices using blankets, pads and mattresses and intended for heating in medical use - Amendment 1

Amendment to EN IEC 60601-2-35:2021

Keel: en
Alusdokumendid: 62D/1982/CDV; EN IEC 60601-2-35:2021/prA1:2022
Muudab dokumenti: EVS-EN IEC 60601-2-35:2021

Arvamusküsitluse lõppkuupäev: 13.01.2023

EN IEC 60601-2-50:2021/prA1:2022

Medical electrical equipment - Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment - Amendment 1

Amendment to EN IEC 60601-2-50:2021

Keel: en
Alusdokumendid: 62D/1981/CDV; EN IEC 60601-2-50:2021/prA1:2022
Muudab dokumenti: EVS-EN IEC 60601-2-50:2021

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN 16615

Chemical disinfectants and antiseptics - Quantitative test method for the evaluation of bactericidal and yeasticidal and/or fungicidal and/or tuberculocidal and/or mycobactericidal activity on non-porous surfaces with mechanical action employing wipes or mops in the medical area (4- field test) - Test method and requirements (phase 2, step 2)

This document specifies a test method and the minimum requirements for bactericidal and yeasticidal, fungicidal, tuberculocidal and/or mycobactericidal activity of chemical disinfectant products that form a homogeneous, physically stable preparation when diluted with hard water - or in the case of ready-to-use products - with water. This document applies to products that are used in the medical area for disinfecting non-porous surfaces including surfaces of medical devices by wiping or mopping - regardless if they are covered by the 93/42/EEC Directive on Medical Devices or not. Due to the new methods of application of surface disinfectants like pre-impregnated wipes this standard was established to cover the different application method. prEN 16615 is applicable for four methods of application of products for wiping and/or mopping: a) soaking any non-specified wipe or mop with product; b) spraying the product on any non-specified wipe and / or mop or a specified wipe or mop; c) impregnation of specified

wipes or mops by the user with the product according to the manufacturer's recommendation; d) pre-impregnation of specified wipes or mop by the manufacturer as ready-to-use wipes or mops. In all types of application, the water control is done with the standard wipe [5.3.2.17.1], because it is a process or method control. This document does not apply to products that are sprayed on or flooding surfaces, and then left until the contact application phase 2, step 2 standards without mechanical action should be used and their methods performed. The test surface (5.3.2.16) was selected as standard surface and should cover all non-porous surfaces. It was not intended to cover the influence of each different surface. This document applies to areas and situations where disinfection is medically indicated. Such indications occur in patient care, for example: - in hospitals, in community medical facilities and in dental institutions; - in clinics of schools, of kindergartens and of nursing homes; and can occur in the workplace and in the home. It can also include services such as laundries and kitchens supplying products directly for the patients. NOTE This method corresponds to a phase 2, step 2 test. EN 14885 specifies in detail the relationship of the various tests to one another and to "use recommendations".

Keel: en
Alusdokumendid: prEN 16615
Asendab dokumenti: EVS-EN 16615:2015

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN 17915

Chemical disinfectants and antiseptics - Quantitative carrier test method for the evaluation of virucidal activity of chemical disinfectants on hard non-porous surfaces in food, industrial, domestic and institutional areas - Test method and requirements (phase 2, step 2).

Test method for virucidal activity of liquid, chemical disinfectant and antiseptics. It is applicable to ready to use products or concentrated products that form a homogeneous, physically stable preparation when diluted with hard water. This includes but is not limited to the food industry, institutional areas such as schools, hospitals and nursing homes, in the workplace and in the home/domestic environment. It is not applicable when the use of the product is medically indicated.

Keel: en
Alusdokumendid: prEN 17915

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN ISO 18562-1

Biocompatibility evaluation of breathing gas pathways in healthcare applications - Part 1: Evaluation and testing within a risk management process (ISO/DIS 18562-1:2022)

ISO 18562-1:2017 specifies: - the general principles governing the biological evaluation within a risk management process of the gas pathways of a medical device, its parts or accessories, which are intended to provide respiratory care or supply substances via the respiratory tract to a patient in all environments; - the general categorization of gas pathways based on the nature and duration of their contact with the gas stream; - the evaluation of existing relevant data from all sources; - the identification of gaps in the available data set on the basis of a risk analysis; - the identification of additional data sets necessary to analyse the biological safety of the gas pathway; - the assessment of the biological safety of the gas pathway. ISO 18562-1:2017 covers general principles regarding biocompatibility assessment of medical device materials, which make up the gas pathway, but does not cover biological hazards arising from any mechanical failure, unless the failure introduces a toxicity risk (e.g. by generating particulates). The other parts of ISO 18562 cover specific tests that address potentially hazardous substances that are added to the respirable gas stream and establish acceptance criteria for these substances. ISO 18562-1:2017 addresses potential contamination of the gas stream arising from the gas pathways within the medical device, which might then be conducted to the patient. ISO 18562-1:2017 applies over the expected service life of the medical device in normal use and takes into account the effects of any intended processing or reprocessing. ISO 18562-1:2017 does not address biological evaluation of the surfaces of medical devices that are in direct contact with the patient. The requirements for direct contact surfaces are found in the ISO 10993 series. Medical devices, parts or accessories containing gas pathways that are addressed by this document include, but are not limited to, ventilators, anaesthesia workstations (including gas mixers), breathing systems, oxygen conserving equipment, oxygen concentrators, nebulizers, low-pressure hose assemblies, humidifiers, heat and moisture exchangers, respiratory gas monitors, respiration monitors, masks, mouth pieces, resuscitators, breathing tubes, breathing system filters and Y-pieces as well as any breathing accessories intended to be used with such medical devices. The enclosed chamber of an incubator, including the mattress, and the inner surface of an oxygen hood are considered to be gas pathways and are also addressed by this document. ISO 18562-1:2017 does not address contamination already present in the gas supplied from the gas sources while medical devices are in normal use. EXAMPLE Contamination arriving at the medical device from gas sources such as medical gas pipeline systems (including the non-return valves in the pipeline outlets), outlets of pressure regulators connected or integral to a medical gas cylinder, or room air taken into the medical device is not addressed by ISO 18562 (all parts). Future parts might be added to address other relevant aspects of biological testing including additional contamination that might arise from the gas pathway because of the presence of drugs and anaesthetic agents added to the gas stream. NOTE 1 Some authorities having jurisdiction require evaluation of these risks as part of a biological evaluation. NOTE 2 This document has been prepared to address the relevant essential principles of safety and performance as indica

Keel: en
Alusdokumendid: ISO/DIS 18562-1; prEN ISO 18562-1
Asendab dokumenti: EVS-EN ISO 18562-1:2020

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN ISO 18562-2

Biocompatibility evaluation of breathing gas pathways in healthcare applications - Part 2: Tests for emissions of particulate matter (ISO/DIS 18562-2:2022)

ISO 18562-2:2017 specifies tests for the emissions of particulate matter from the gas pathways of a medical device, its parts or accessories, which are intended to provide respiratory care or supply substances via the respiratory tract to a patient in all environments. The tests of this document are intended to quantify particles from 0,2 µm diameter to 10 µm diameter that are emitted by the medical device, its parts or accessories into the respirable gas stream. This document establishes acceptance criteria for these tests. This document does not address nanoparticles. Insufficient data exist to establish exposure limits for particles less than 0,2 µm in diameter. NOTE 1 Smaller and larger particles could also present biological hazards, and additional information outside the scope of this document can be needed to meet requirements of some authorities having jurisdiction. ISO 18562-2:2017 therefore adopts the same approach as the US Environmental Protection Agency (EPA) in setting limits based solely on particle size and not their chemistry. ISO 18562-2:2017 addresses potential contamination of the gas stream arising from the gas pathways, which is then conducted to the patient. ISO 18562-2:2017 applies over the expected service life of the medical device in normal use and takes into account the effects of any intended processing or reprocessing. ISO 18562-2:2017 does not address biological evaluation of the surfaces of gas pathways that are in direct contact with the patient. The requirements for direct contact surfaces are found in the ISO 10993 series. Medical devices, parts or accessories, containing gas pathways that are addressed by this document, include, but are not limited to, ventilators, anaesthesia workstations (including gas mixers), breathing systems, oxygen conserving devices, oxygen concentrators, nebulizers, low-pressure hose assemblies, humidifiers, heat and moisture exchangers, respiratory gas monitors, respiration monitors, masks, mouth pieces, resuscitators, breathing tubes, breathing systems filters, Y-pieces, and any breathing accessories intended to be used with such devices. The enclosed chamber of an incubator, including the mattress, and the inner surface of an oxygen hood are considered to be gas pathways and are also addressed by this document. ISO 18562-2:2017 does not address contamination already present in the gas supplied from the gas sources while medical devices are in normal use. EXAMPLE Contamination arriving at the medical device from gas sources such as medical gas pipeline systems (including the non-return valves in the pipeline outlets), outlets of pressure regulators connected or integral to a medical gas cylinder, or room air taken into the medical device is not addressed by ISO 18562 (all parts). NOTE 2 This document has been prepared to address the relevant essential principles of safety and performance as indicated in Annex B.

Keel: en
Alusdokumendid: ISO/DIS 18562-2; prEN ISO 18562-2
Asendab dokumenti: EVS-EN ISO 18562-2:2020

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN ISO 18562-3

Biocompatibility evaluation of breathing gas pathways in healthcare applications - Part 3: Tests for emissions of volatile organic substances (ISO/DIS 18562-3:2022)

ISO 18562-3:2017 specifies tests for the emissions of volatile organic compounds (vocs) from the gas pathways of a medical device, its parts or accessories, which are intended to provide respiratory care or supply substances via the respiratory tract to a patient in all environments. The tests of this document are intended to quantify emissions of vocs that are added to the respirable gas stream by the materials of the gas pathway. This document establishes acceptance criteria for these tests. ISO 18562-3:2017 addresses potential contamination of the gas stream arising from the gas pathways, which is then conducted to the patient. ISO 18562-3:2017 applies over the expected service life of the medical device in normal use and takes into account the effects of any intended processing or reprocessing. ISO 18562-3:2017 does not address biological evaluation of the surfaces of gas pathways that are in direct contact with the patient. The requirements for direct contact surfaces are found in the ISO 10993 series[1]. Medical devices, parts or accessories containing gas pathways that are addressed by this document include, but are not limited to, ventilators, anaesthesia workstations (including gas mixers), breathing systems, oxygen conserving devices, oxygen concentrators, nebulizers, low-pressure hose assemblies, humidifiers, heat and moisture exchangers, respiratory gas monitors, respiration monitors, masks, mouth pieces, resuscitators, breathing tubes, breathing systems filters, Y-pieces and any breathing accessories intended to be used with such devices. The enclosed chamber of an incubator, including the mattress, and the inner surface of an oxygen hood are considered to be gas pathways and are also addressed by this document. ISO 18562-3:2017 does not address contamination already present in the gas supplied from the gas sources while medical devices are in normal use. EXAMPLE Contamination arriving at the medical device from gas sources such as medical gas pipeline systems (including the non-return valves in the pipeline outlets), outlets of pressure regulators connected or integral to a medical gas cylinder or room air taken into the medical device is not addressed by ISO 18562 series. ISO 18562-3:2017 is intended to be read in conjunction with ISO 18562-1. NOTE This document has been prepared to address the relevant essential principles of safety and performance as indicated in Annex B.

Keel: en
Alusdokumendid: ISO/DIS 18562-3; prEN ISO 18562-3
Asendab dokumenti: EVS-EN ISO 18562-3:2020

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN ISO 18562-4

Biocompatibility evaluation of breathing gas pathways in healthcare applications - Part 4: Tests for leachables in condensate (ISO/DIS 18562-4:2022)

ISO 18562-4:2017 specifies tests for substances leached by liquid water condensing into gas pathways of a medical device, its parts or accessories, which are intended to provide respiratory care or supply substances via the respiratory tract to a patient in all environments. The tests of this document are intended to quantify hazardous water-soluble substances that are leached from the medical device, its parts or accessories by condensate and then conveyed by that liquid to the patient. This document establishes acceptance criteria for these tests. ISO 18562-4:2017 addresses potential contamination of the gas stream arising from the gas pathways, which is then conducted to the patient. ISO 18562-4:2017 applies over the expected service life of the medical device in normal use and takes into account the effects of any intended processing or reprocessing ISO 18562-4:2017

does not address biological evaluation of the surfaces of gas pathways that are in direct contact with the patient. The requirements for direct contact surfaces are found in the ISO 10993 series. Medical devices, parts or accessories containing gas pathways that are addressed by this document include, but are not limited to, ventilators, anaesthesia workstations (including gas mixers), breathing systems, oxygen conserving devices, oxygen concentrators, nebulizers, low-pressure hose assemblies, humidifiers, heat and moisture exchangers, respiratory gas monitors, respiration monitors, masks, mouth pieces, resuscitators, breathing tubes, breathing systems filters, Y-pieces and any breathing accessories intended to be used with such devices. The enclosed chamber of an incubator, including the mattress, and the inner surface of an oxygen hood are considered to be gas pathways and are also addressed by this document. ISO 18562-4:2017 does not address contamination already present in the gas supplied from the gas sources while medical devices are in normal use. EXAMPLE Contamination arriving at the medical device from gas sources such as medical gas pipeline systems (including the non-return valves in the pipeline outlets), outlets of pressure regulators connected or integral to a medical gas cylinder, or room air taken into the medical device is not addressed by ISO 18562 series. ISO 18562-4:2017 does not address contact with drugs or anaesthetic agents. If a medical device is intended to be used with anaesthetic agents or drugs, then additional testing can be required. This document is intended to be read in conjunction with ISO 18562-1. NOTE This document has been prepared to address the relevant essential principles of safety and performance as indicated in Annex B.

Keel: en
Alusdokumendid: ISO/DIS 18562-4; prEN ISO 18562-4
Asendab dokumenti: EVS-EN ISO 18562-4:2020

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN ISO 8637-2

Extracorporeal systems for blood purification - Part 2: Extracorporeal blood and fluid circuits for haemodialysers, haemodiafilters, haemofilters and haemoconcentrators (ISO/DIS 8637-2:2022)

This document specifies requirements for disposable extracorporeal blood and fluid circuits and accessories used in combination with haemodialysis equipment intended for extracorporeal blood treatment therapies such as, but not limited to, haemodialysis, haemodiafiltration, haemofiltration. This document does not apply to: — haemodialysers, haemodiafilters or haemofilters; — plasmafilters; — haemoperfusion devices; — vascular access devices; NOTE 1 Requirements for haemodialysers, haemodiafilters, haemofilters and haemoconcentrators are specified in ISO 8637-1. NOTE 2 Requirements for plasmafilters are specified in ISO 8637-3.

Keel: en
Alusdokumendid: ISO/DIS 8637-2; prEN ISO 8637-2
Asendab dokumenti: EVS-EN ISO 8637-2:2018

Arvamusküsitluse lõppkuupäev: 13.01.2023

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 12094-13

Fixed firefighting systems - Components for gas extinguishing systems - Part 13: Characteristics for check valves and non-return valves

This document specifies the characteristics and describes test methods for check and non-return valves for CO2, inert gas or halocarbon gas fire extinguishing systems. Non-return and check valves allow the passage in the direction of flow and they prevent flow in the reverse direction. This document is applicable to check valves installed between container valve and manifold and non-return valves installed in pilot lines, except those valves which are tested in combination with non-electrical control devices.

Keel: en
Alusdokumendid: prEN 12094-13
Asendab dokumenti: EVS-EN 12094-13:2001

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN 14211

Ambient air - Standard method for the measurement of the concentration of nitrogen dioxide and nitrogen monoxide by chemiluminescence

This document specifies a continuous measurement method for the determination of the concentrations of nitrogen dioxide and nitrogen monoxide present in ambient air based on the chemiluminescence measuring principle. This document describes the performance characteristics and sets the relevant minimum criteria required to select an appropriate chemiluminescence analyser by means of type testing. It also includes the evaluation of the suitability of an analyser for use in a specific fixed site so as to meet the data quality requirements as specified in Annex I of Directive 2008/50/EC [1] and requirements during sampling, calibration and quality assurance for use. The method is applicable to the determination of the concentration of nitrogen dioxide present in ambient air up to 500 µg/m3. This concentration range represents the certification range for nitrogen dioxide for type testing. The method is applicable to the determination of the concentration of nitrogen monoxide present in ambient air up to 1 200 µg/m3. This concentration range represents the certification range for nitrogen monoxide for the type testing. NOTE 1 It is possible to use other ranges depending on the levels present in ambient air. NOTE 2 When this document is used for purposes other than for measurements required by Directive2008/50/EC, the ranges and uncertainty requirements possibly do not apply. The method covers the determination of ambient air concentrations of nitrogen dioxide and nitrogen monoxide in zones classified as rural areas, urban-background areas, traffic-orientated locations and locations influenced by industrial sources. The results are expressed in µg/m3 (at 20 °C and 101,3 kPa). NOTE 3 500 µg/m3 of nitrogen dioxide corresponds to 261 nmol/mol of nitrogen dioxide at 20 °C and 101,3 kPa. 1 200 µg/m3 of nitrogen monoxide corresponds to 962 nmol/mol of nitrogen monoxide at 20 °C and 101,3 kPa. This document contains information for different groups of users. Clause 5 to Clause 7 and Annex B and Annex

C contain general information about the principles of NOx measurement by chemiluminescence analyser and sampling equipment. Clause 8 and Annex E are specifically directed towards test houses and laboratories that perform type testing of NOx analysers. These sections contain information about: — type testing conditions, test procedures and test requirements; — analyser performance requirements; — evaluation of the type testing results; — evaluation of the uncertainty of the measurement results of the NOx analyser based on the type testing results. Clause 9 to Clause 11 and Annex F and Annex G are directed towards monitoring networks performing the practical measurements of NOx in ambient air. These sections contain information about: — initial installation of the analyser in the monitoring network and acceptance testing; — ongoing quality assurance/quality control; — calculation and reporting of measurement results; — evaluation of the uncertainty of measurement results under practical monitoring conditions. This document represents an evolution of earlier editions (EN 14211:2005 and EN 14211:2012). It is advisable that when equipment is procured it complies fully with this document. NOTE 4 Type testing performed prior to the publication of this document for the purpose of demonstrating equivalence are still valid. NOTE 5 Analysers type tested prior to the publication of this document remain valid for use for regulated monitoring purposes.

Keel: en
Alusdokumendid: prEN 14211
Asendab dokumenti: EVS-EN 14211:2012

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN 14212

Ambient air - Standard method for the measurement of the concentration of sulphur dioxide by ultraviolet fluorescence

This document specifies a continuous measurement method for the determination of the concentration of sulfur dioxide present in ambient air based on the ultraviolet fluorescence measuring principle. This document describes the performance characteristics and sets the relevant minimum criteria required to select an appropriate ultraviolet fluorescence analyser by means of type testing. It also includes the evaluation of the suitability of an analyser for use in a specific fixed site so as to meet the data quality requirements as specified in Annex I of Directive 2008/50/EC [1] and requirements during sampling, calibration and quality assurance for use. The method is applicable to the determination of the mass concentration of sulphur dioxide present in ambient air up to 1000 µg/m3. This concentration range represents the certification range for sulfur dioxide for type testing. NOTE 1 It is possible to use other ranges depending on the levels present in ambient air. NOTE 2 When this document is used for purposes other than for measurements required by Directive 2008/50/EC, the ranges and uncertainty requirements possibly do not apply. The method covers the determination of ambient air concentrations of sulfur dioxide in locations classified as rural areas, urban-background areas, and for sampling influenced by traffic or industrial sources. The results are expressed in µg/m3 (at 20 °C and 101,3 kPa). NOTE 3 1 000 µg/m3 of SO2 corresponds to 376 nmol/mol of SO2. This document contains information for different groups of users. Clause 5 to Clause 7 and Annex C and Annex D contain general information about the principles of sulfur dioxide measurement by ultraviolet fluorescence analyser and sampling equipment. Clause 8 and Annex E are specifically directed towards test houses and laboratories that perform type testing of sulfur dioxide analysers. These sections contain information about: — type testing conditions, test procedures and test requirements; — analyser performance requirements; — evaluation of the type testing results; — evaluation of the uncertainty of the measurement results of the sulfur dioxide analyser based on the type testing results. Clause 9 to Clause 11 and Annex F and Annex G are directed towards monitoring networks performing the practical measurements of sulfur dioxide in ambient air. These sections contain information about: — initial installation of the analyser in the monitoring network and acceptance testing; — ongoing quality assurance/quality control; — calculation and reporting of measurement results; — evaluation of the uncertainty of the measurement results under practical monitoring conditions. This document represents an evolution of earlier editions (EN 14212:2005 and EN 14212:2012). It is advisable that when equipment is procured it complies fully with this document. NOTE 4 Type testing performed prior to the publication of this document for the purpose of demonstrating equivalence are still valid. NOTE 5 Analysers type tested prior to the publication of this document remain valid for use for regulated monitoring purposes.

Keel: en
Alusdokumendid: prEN 14212
Asendab dokumenti: EVS-EN 14212:2012
Asendab dokumenti: EVS-EN 14212:2012/AC:2014

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN 14625

Ambient air - Standard method for the measurement of the concentration of ozone by ultraviolet photometry

This European Standard specifies a continuous measurement method for the determination of the concentrations of ozone present in ambient air based on the ultraviolet photometric measuring principle. This standard describes the performance characteristics and sets the relevant minimum criteria required to select an appropriate ultraviolet photometric analyser by means of type approval tests. It also includes the evaluation of the suitability of an analyser for use in a specific fixed site so as to meet the data quality requirements as specified in Annex I of Directive 2008/50/EC [1] and requirements during sampling, calibration and quality assurance for use. The method is applicable to the determination of the concentration of ozone present in ambient air up to 500 µg/m3. This concentration range represents the certification range for ozone for the type approval test. NOTE 1 Other ranges may be used for measurement systems applied at rural locations monitoring ecosystems. NOTE 2 When the standard is used for other purposes than Directive 2008/50/EC, the ranges and uncertainty requirements may not apply. The method covers the determination of ambient air concentrations of ozone in zones classified as rural areas, urban and urban-background areas. The results are expressed in µg/m3 (at 20 °C and 101,3 kPa). NOTE 3 500 µg/m3 of O3 corresponds to 250 nmol/mol of O3 at 20 °C and 101,3 kPa. This standard contains information for different groups of users. Clauses 5 to 7 and Annexes B and C contain general information about the principles of ozone measurement by ultraviolet photometric analyser and sampling equipment. Clause 8 and Annex E are specifically directed towards test houses and laboratories that perform type-approval testing of ozone analysers. These sections contain information about: − type-approval test conditions, test procedures and test requirements; − analyser performance requirements; − evaluation of the type-approval test results; − evaluation of the uncertainty of the measurement results of the ozone analyser based on the type-approval test results. Clauses 9 to 11 and Annexes F and G are

directed towards monitoring networks performing the practical measurements of ozone in ambient air. These sections contain information about: − initial installation of the analyser in the monitoring network and acceptance testing; − ongoing quality assurance/quality control; − calculation and reporting of measurement results; − evaluation of the uncertainty of measurement results under practical monitoring conditions.

Keel: en
Alusdokumendid: prEN 14625
Asendab dokumenti: EVS-EN 14625:2012

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN 14626

Ambient air - Standard method for the measurement of the concentration of carbon monoxide by non-dispersive infrared spectroscopy

This European Standard specifies a continuous measurement method for the determination of the concentration of carbon monoxide present in ambient air based on the non-dispersive infrared spectroscopic measuring principle. This standard describes the performance characteristics and sets the relevant minimum criteria required to select an appropriate non-dispersive infrared spectroscopic analyser by means of type approval tests. It also includes the evaluation of the suitability of an analyser for use in a specific fixed site so as to meet the data quality requirements as specified in Annex I of Directive 2008/50/EC [1] and requirements during sampling, calibration and quality assurance for use. The method is applicable to the determination of the mass concentration of carbon monoxide present in ambient air up to 100 mg/m3 carbon monoxide. This concentration range represents the certification range for the type approval test. NOTE 1 Other ranges may be used depending on the levels present in ambient air. NOTE 2 When the standard is used for other purposes than for measurements required by Directive 2008/50/EC, the ranges and uncertainty requirements may not apply. The method covers the determination of ambient air concentrations of carbon monoxide in zones classified as rural areas, urban-background areas and traffic-orientated locations and locations influenced by industrial sources. The results are expressed in mg/m3 (at 20 °C and 101,3 kPa). NOTE 3 100 mg/m3 of CO corresponds to 86 µmol/mol of CO. This standard contains information for different groups of users. Clauses 5 to 7 and Annexes B, C and D contain general information about the principles of carbon monoxide measurement by non-dispersive infrared spectroscopic analyser and sampling equipment. Clause 8 and Annex E are specifically directed towards test houses and laboratories that perform type-approval testing of carbon monoxide analysers. These sections contain information about: − type-approval test conditions, test procedures and test requirements; − analyser performance requirements; − evaluation of the type-approval test results; − evaluation of the uncertainty of the measurement results of the carbon monoxide analyser based on the type approval test results. Clauses 9 to 11 and Annex F are directed towards monitoring networks performing the practical measurements of carbon monoxide in ambient air. These sections contain information about: − initial installation of the analyser in the monitoring network and acceptance testing; − ongoing quality assurance/quality control; − calculation and reporting of measurement results; − evaluation of the uncertainty of measurement results under practical monitoring conditions.

Keel: en
Alusdokumendid: prEN 14626
Asendab dokumenti: EVS-EN 14626:2012

Arvamusküsitluse lõppkuupäev: 13.01.2023

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EN ISO 5459:2011/prA1

Geometrical product specifications (GPS) - Geometrical tolerancing - Datums and datum systems - Amendment 1 (ISO 5459:2011/DAM 1:2022)

Amendment to EN ISO 5459:2011

Keel: en
Alusdokumendid: ISO 5459:2011/DAmd 1; EN ISO 5459:2011/prA1
Muudab dokumenti: EVS-EN ISO 5459:2011

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN ISO 18183-1

Geometrical product specifications (GPS) - Partitioning - Part 1: Terms, definitions and basic concepts (ISO/DIS 18183-1:2022)

This document sets out the basic terminology for ISO GPS partitioning and the framework for the fundamental procedures used in ISO GPS partitioning.

Keel: en
Alusdokumendid: ISO/DIS 18183-1; prEN ISO 18183-1

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN ISO 18183-2

Geometrical product specifications (GPS) - Partitioning - Part 2: Nominal model (ISO/DIS 18183-2:2022)

This document develops partitioning for the nominal model.

Keel: en
Alusdokumendid: ISO/DIS 18183-2; prEN ISO 18183-2

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN ISO 18183-3

Geometrical product specifications (GPS) - Partition - Part 3: Methods used for specification and verification (ISO/DIS 18183-3:2022)

This document sets out the procedure (or process) for the partition operations of Geometrical Product Specification and Verification. Profile and Areal surface texture are not within the scope of this document.

Keel: en
Alusdokumendid: ISO/DIS 18183-3; prEN ISO 18183-3

Arvamusküsitluse lõppkuupäev: 13.01.2023

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN IEC 62282-4-202:2022

Fuel cell technologies - Part 4-202: Fuel cell power system for unmanned aircrafts - Performance test methods

This document covers performance test methods of fuel cell power systems intended for being used to power unmanned aircrafts, including general requirements, start-up, shutdown, power output, continuous running time, electric efficiency, data transmission, warning and monitoring, environmental compatibility, etc. The scope of the document is limited to electric powered unmanned aircrafts with a maximum take-off mass not exceeding 150 kg (i.e., level 5 or lower UAs). The document applies to fuel cell power systems with a rated output voltage not exceeding 220 V DC for outdoor use. The document applies only to compressed gaseous hydrogen-fuelled fuel cell power systems. The document does not apply to reformer-equipped fuel cell power systems.

Keel: en
Alusdokumendid: 105/941/CDV; prEN IEC 62282-4-202:2022

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN IEC 62446-1:2022

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

This part of IEC 62446 defines the information and documentation required to be handed over to a customer following the installation of a grid connected PV system. It also describes the commissioning tests, inspection criteria and documentation expected to verify the safe installation and correct operation of the system. It can also be used for periodic retesting. This part of IEC 62446 is for use by system designers and installers of grid connected solar PV systems as a template to provide effective documentation to a customer. By detailing the expected commissioning tests and inspection criteria, it is also intended to assist in the verification/inspection of a grid connected PV system after installation and for subsequent inspection, maintenance or modifications. This part of IEC 62446 defines the different test regimes expected for different solar PV system types to ensure that the test regime applied is appropriate to the scale, type and complexity of the system in question. Safety requirements for systems incorporating a DC coupled battery are included in the scope of this document. Detailed system performance validation is not within the scope of this document Note 1: Batteries may also be AC coupled to a PV system, but as such are considered out of the scope of this document NOTE 2: This document does not address off-grid systems, hybrid systems, or concentrating PV systems, however many of the parts may apply

Keel: en
Alusdokumendid: 82/2083/CDV; prEN IEC 62446-1:2022
Asendab dokumenti: EVS-EN 62446-1:2016
Asendab dokumenti: EVS-EN 62446-1:2016/A1:2018

Arvamusküsitluse lõppkuupäev: 13.01.2023

29 ELEKTROTEHNIKA

prEN IEC 60669-2-4:2022

Switches for household and similar fixed electrical installations - Part 2-4: Particular requirements - Isolating switches

This clause of Part 1 applies except as follows. Replacement of the first paragraph: This part of IEC 60669 applies to manually operated general purpose isolating switches with a rated voltage not exceeding 440 V and a rated current not exceeding 125 A, intended for household and similar fixed electrical installations, either indoors or outdoors. Replacement of the fifth dash of the fourth paragraph: - a monophase circuit for motor load with a rated current up to 10 A and a power factor not less 96 than 0,6; NOTE Isolating switches are designed for overvoltage category III and used in environment of pollution degree 2 according to IEC 60664-1.

Keel: en
Alusdokumendid: 23B/1415/CDV; prEN IEC 60669-2-4:2022
Asendab dokumenti: EVS-EN 60669-2-4:2005

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN IEC 60893-2:2022

Insulating materials - Industrial rigid laminated sheets based on thermosetting resins for electrical purposes - Part 2: Methods of test

This part of IEC 60893 describes methods of test for the materials defined in IEC 60893-1 (referred to also as Part 1).

Keel: en
Alusdokumendid: 15/948/CDV; prEN IEC 60893-2:2022
Asendab dokumenti: EVS-EN 60893-2:2004

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN IEC 62386-305:2022

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

This part of IEC 62386 specifies a bus system for control by digital signals of electronic lighting equipment. 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: 34/981/CDV; prEN IEC 62386-305:2022

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN IEC 63330:2022

Requirements for reuse of secondary batteries

This document provides general requirements for repurposing of secondary cells, modules, battery packs and battery systems, herein also referred to as "PRODUCT", that are originally manufactured for other applications such as electric vehicles. This document specifies the procedure to evaluate the performance and safety of used PRODUCT for repurposing. This document also provides basic requirements for application of repurposed PRODUCT. This document targets secondary lithium PRODUCT mainly, but not exclusively. The redox flow batteries are not covered by this document. NOTE - General guidance for reuse of secondary lithium cells and batteries is provided in IEC 63338 (under development).

Keel: en
Alusdokumendid: 21/1155/CDV; prEN IEC 63330:2022

Arvamusküsitluse lõppkuupäev: 13.01.2023

31 ELEKTROONIKA

prEN IEC 63215-5:2022

Endurance test methods for die attach materials - Part 5: Temperature cycling test methods for die attach materials (system soldering interconnection) applied to module type power electronic devices

This part of IEC 63215 specifies temperature cycling test method which is taking into account of actual usage conditions of module type power electronic devices to evaluate reliability of the die attach joint materials and joining system. This document applies to the die attach materials and joining system applied to module type power electronic devices. The test method specified in this document is not intended to evaluate power semiconductor devices themselves. The test method specified in this document is not regarded as the one to be used to guarantee the reliability of the power semiconductor device packages.

Keel: en
Alusdokumendid: 91/1810/CDV; prEN IEC 63215-5:2022

Arvamusküsitluse lõppkuupäev: 13.01.2023

33 SIDETEHNIKA

EN IEC 61000-6-3:2021/prA1:2022 (Frag 2)

Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for equipment in residential environments - Amendment 1/Fragment 2

Amendment to EN IEC 61000-6-3:2021 (fragment 2)

Keel: en
Alusdokumendid: CIS/H/459/CDV; EN IEC 61000-6-3:2021/prA1:2022 (Frag 2)
Muudab dokumenti: EVS-EN IEC 61000-6-3:2021

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN 16494

Railway applications - Requirements for ERTMS Trackside Boards

This European Standard is applicable to the heavy rail system. This European Standard defines the requirements for the provision, visibility, readability, maintenance and testing of a specific set of ERTMS trackside boards associated with the following DMI and ETCS track conditions: - ETCS stop marker, - ETCS location marker, - level transition, corresponding to transitions between ETCS levels, - lower pantograph, - pantograph lowered, - raise pantograph, - neutral section announcement, - neutral section, - end of

neutral section, - GSM-R network border marker, - no traction system fitted announcement, - no traction system fitted indication, - traction system AC 25 kV 50 Hz announcement, - traction system AC 25 kV 50 Hz indication, - traction system AC 15 kV 16,7 Hz announcement, - traction system AC 15 kV 16,7 Hz indication, - traction system DC 3 kV announcement, - traction system DC 3 kV indication, - traction system DC 1,5 kV announcement, - traction system DC 1,5 kV indication, - traction system DC 600/750 V announcement, - traction system DC 600/750 V indication, - activate the audible warning device (horn) indication, - safe stopping area announcement, - safe stopping area indication for start, - safe stopping area indication for end, - safe stopping area semi-continuous indication for in-between, - non-stopping area announcement, - non stopping area indication for start, - non stopping area indication for end, - non stopping area indication semi-continuous indication for in-between, - inhibition of magnetic shoe brake announcement, - inhibition of magnetic shoe brake indication for start, - inhibition of magnetic shoe brake indication for revocation, - inhibition of eddy current brake announcement, - inhibition of eddy current brake indication for start, - inhibition of eddy current brake indication for revocation, - inhibition of regenerative brake announcement, - inhibition of regenerative brake indication for start, - inhibition of regenerative brake indication for revocation, - close air conditioning intake announcement, - close air conditioning intake indication, - open air conditioning intake announcement, - open air conditioning intake indication, - level crossing marker. This European Standard includes the arrangement of the boards and their interface with existing systems (track, cab design including cab sight lines, visibility by the driver and train head lamps). Mobile, backlit and temporary signs are not within the scope of this Standard. The application of ERTMS trackside boards is not within the scope of this Standard. Sighting requirements are not within the scope of this Standard. The sighting process needs to be implemented in accordance with national safety rules.

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

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN IEC 60794-2-23:2022

Optical fibre cables - Part 2-23: Indoor optical fibre cables - Detailed specification for multi-fibre cables for use in MPO connector terminated cable assemblies

This part of IEC 60794 is a detail specification and specifies indoor multi-fibre cables for use 126 in MPO (Multi-fibre Push On) connector terminated cable assemblies.

Keel: en
Alusdokumendid: 86A/2238/CDV; prEN IEC 60794-2-23:2022

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN IEC 60794-2-24:2022

Optical fibre cables - Part 2-24: Indoor optical fibre cables - Detailed specification for multiple multi-fibre unit cables for use in MPO connector terminated breakout cable assemblies

This part of IEC 60794 is a detail specification and specifies indoor multiple multi-fibre unit cables for use in MPO (Multi-fibre Push On) connector terminated breakout cable assemblies.

Keel: en
Alusdokumendid: 86A/2239/CDV; prEN IEC 60794-2-24:2022

Arvamusküsitluse lõppkuupäev: 13.01.2023

35 INFOTEHNOLOOGIA

prEN ISO 16484-1

Building automation and control systems (BACS) - Part 1: Project specification and implementation (ISO/DIS 16484-1:2022)

ISO 16484-1:2010 specifies guiding principles for project design and implementation and for the integration of other systems into the building automation and control systems (BACS). ISO 16484-1:2010 specifies the phases required for the BACS project, including: design (determination of project requirements and production of design documents including technical specifications), engineering (detailed function and hardware design), installation (installing and commissioning of the BACS), and completion (handover, acceptance and project finalization). ISO 16484-1:2010 also specifies the requirements for as-built documentation and training. ISO 16484-1:2010 is not applicable to operation and maintenance, nor is it applicable to retro or continuous commissioning, including a commissioning authority.

Keel: en
Alusdokumendid: ISO/DIS 16484-1; prEN ISO 16484-1
Asendab dokumenti: EVS-EN ISO 16484-1:2010

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN ISO 19160-2

Addressing - Part 2: Assigning and maintaining addresses for objects in the physical world (ISO/DIS 19160-2:2022)

Scope of the proposed deliverable This document focuses on assigning and maintaining addresses that allow the unambiguous determination of an object in the physical world for purposes of identification and location in the context of public administration and public service delivery. During assignment an address is first associated with a particular object in the physical world. During maintenance the address changes, e.g., it is re-assigned to a different object, one or more of the address components are modified (e.g. a street name change), or the address is retired when it is no longer used. This document — establishes an overall set of

objectives for assigning and maintaining addresses; — specifies the principles for assigning and maintaining addresses; — specifies a good practice for assigning and maintaining addresses; and — specifies a governance framework for assigning and maintaining addresses; Very often local governments (e.g. municipalities) are assigned the mandate for the planning, implementation, evaluation, and ongoing maintenance of addresses, and they are often supported by other organizations, such as national government, private sector companies and national or regional organizations. This document is of relevance and applicable to all these organizations who have an interest, role or responsibility in address assignment and maintenance, such as — developing legislation, policies or regulations for addressing; — facilitating and coordinating the naming of address components (the constituent parts of an address) and announcing and communicating these names; — installing address component signs in the physical world; — designing and implementing business processes related to address assignment and maintenance; — designing, implementing and maintaining access to address data; — developing software to facilitate the above; and — using addresses.

Keel: en
Alusdokumendid: ISO/DIS 19160-2; prEN ISO 19160-2

Arvamusküsitluse lõppkuupäev: 13.01.2023

43 MAANTEESÕIDUKITE EHITUS

prEN IEC 63281-2-1:2022

Personal e-Transporters - Part 2-1: Test method for total run time of e-scooter with consideration to environmental conditions of actual use

This international standard specifies the test method for a total run time e-scooter for single person transportation in consideration of the temperature conditions of actual use, when the e-scooter operate by the user in various temperature for use on the road or in public spaces. This document does not cover e-scooters for the disabled or elderly people. Also, this standard excludes cargo e-scooters.

Keel: en
Alusdokumendid: 125/70/CDV; prEN IEC 63281-2-1:2022

Arvamusküsitluse lõppkuupäev: 13.01.2023

47 LAEVAEHITUS JA MERE-EHITISED

prEN ISO 6185-3

Inflatable boats - Part 3: Boats with a hull length less than 8 m with a motor rating of 15 kW and greater (ISO/DIS 6185-3:2022)

This part of ISO 6185 specifies the minimum safety characteristics required for the design, materials, manufacture and testing of inflatable boats and rigid inflatable boats with a hull length LH in accordance with ISO 8666 less than 8 m with a engine power rating of 15 kW and greater. This part of ISO 6185 is applicable to the following types of boats intended for use within the operating temperatures of – 20 °C to + 60 °C: — Type VII: Powered boats, fitted with a buoyancy tube on the port and starboard sides, suitable for navigation in conditions of Design Categories C and D; — Type VIII: Powered boats, fitted with a buoyancy tube on the port and starboard sides, suitable for navigation in conditions of Design Category B. This part of ISO 6185 excludes single-chambered boats and boats made from unsupported materials, and is not applicable to aquatic toys and inflatable liferafts. Boats with tubes made from rigid aluminium, roto-moulded polyethylene, GRP or other rigid materials are excluded from this standard.

Keel: en
Alusdokumendid: prEN ISO 6185-3; ISO/DIS 6185-3:2022
Asendab dokumenti: EVS-EN ISO 6185-3:2018

Arvamusküsitluse lõppkuupäev: 13.01.2023

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 4888

Aerospace Series - Commercial aircraft passenger seats - Reliability testing

This document specifies minimum reliability test requirements for sub-components of commercial aircraft passenger seats. Test procedures including in-service load cases regarding passenger behaviour for sub-seat components are defined. Abuse loads are excluded. This document is applicable to the sub-seat components such as but not limited to backrest, headrest, armrest, table, literature pocket and control elements. This document does not apply to belts, Inflight-Entertainment, seat dress cover and cushions. Additional environmental influences like temperature, radiation, gases and liquids may also alter the reliability of the aircraft passenger seats and their sub-components over their lifetime but are not taken into consideration of this document. Tests on abrasion and surface durability are defined in EN 4860, EN 4864 and EN 4876.

Keel: en
Alusdokumendid: prEN 4888

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN 6049-004

Aerospace series - Electrical cables, installation - Protection sleeve in meta-aramid fibres - Part 004: Braided, tubular, high expandable - Product standard

This document defines the characteristics of high expandable braided tubular mechanical protection sleeves for electrical cable and cable bundles made from meta-aramid fibres and provided with a water repelled protection.

Keel: en
Alusdokumendid: prEN 6049-004
Asendab dokumenti: EVS-EN 6049-004:2019

Arvamusküsitluse lõppkuupäev: 13.01.2023

53 TÕSTE- JA TEISALDUS-SEADMED

EN 17076:2020/prA1

Tower cranes - Anti-collision systems - Safety requirements

This document specifies the requirements of anti-collision devices and systems installed on tower cranes (as defined in EN 14439) to avoid the risks of collision between several cranes in service, between a crane in use and fixed obstacles, and over prohibited zones. It also specifies the requirements for working range limiting devices. Anti-collision devices and systems and working range limiting devices according to this document are safety components. It applies to anti-collision devices manufactured after the publication of this document. NOTE For anti-collision systems used to avoid the risk of collision with power lines, additional requirements might be necessary. This document defines the safety characteristics and requirements of anti-collision devices and systems intended for installation on self-erecting tower cranes and tower cranes erected from parts. In particular: - performance level; - information to be provided by the sensors installed on the crane; - operation, particularly in the event of failure, override and free jib slewing states of a crane; - type of communication between devices; - information for the crane operator and outside indicator. It also specifies the requirements for marking the device or the system and the content of the instructions for use. The significant hazards covered by this document are identified in Clause 4. This document is not applicable to anti-collision devices and systems which are manufactured before the date of publication by CEN of this document.

Keel: en
Alusdokumendid: EN 17076:2020/prA1
Muudab dokumenti: EVS-EN 17076:2020

Arvamusküsitluse lõppkuupäev: 13.01.2023

65 PÕLLUMAJANDUS

prEN 1482-4

Fertilizers, liming materials and inhibitors - Sampling and sample preparation - Part 4: Sampling for microbial presence

This document specifies the method for taking a sample of solid and liquid forms of organic fertilizers, organo-mineral fertilizers and inorganic fertilizers containing more than 1 % by mass of organic carbon, when in packages, containers or in bulk, to test for levels of controlled pathogens present.

Keel: en
Alusdokumendid: prEN 1482-4

Arvamusküsitluse lõppkuupäev: 13.01.2023

67 TOIDUAINETE TEHNOLOOGIA

prEN 13954-2

Food processing machinery - Bread slicers - Part 2: Safety and hygiene requirements for self-service bread slicers

This European Standard specifies safety and hygiene requirements for the design and manufacture of selfservice bread slicing machines. The intended use of these machines is to cut baked bakery (e.g. bread) and dry pastry products into slices. This standard covers the intended use of the machines by trained personnel as well as by untrained and uninstructed persons (e.g. customers in the selfservice area). The intended use for untrained and uninstructed person is only the slicing. All other operations (e.g. maintenance, cleaning) are only intended for trained and instructed personnel. This European Standard deals with all significant hazards, hazardous situations and events relevant to bread slicers machines, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer. This European Standard covers requirements for the safe operation of the machine including: loading, cutting, unloading, cleaning, crumb removal and maintenance. The following machines are excluded from the scope of this document: - experimental and testing machines under development by the manufacturer; - domestic appliances falling under Low Voltage Directive 2014/35/EU; - rectangular cutting machines for cutting or sawing of panel size products into small pieces; - baguette slicers according to EN 14655; - bread slicers according to EN 139541.

Keel: en
Alusdokumendid: prEN 13954-2

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN 15467

Food processing machinery - Fish heading and filleting machines - Safety and hygiene requirements

This document specifies the safety and hygiene requirements for the design and construction of automatic fish heading and fish filleting machines (defined in Clause 3), using knives and auxiliary equipment (only knife, knife holders and nobbing equipment). This document applies to machinery and equipment for the heading and filleting of fish in the fish processing industry, and in the distribution circuit (e.g. mass retailing). This document deals with significant hazards, hazardous situations, and events relevant to fish heading and filleting machines foreseeable by the manufacturer. This document is not applicable to fish heading and filleting machines that are manufactured before the date of publication as this document.

Keel: en
Alusdokumendid: prEN 15467
Asendab dokumenti: EVS-EN 15467:2014

Arvamusküsitluse lõppkuupäev: 13.01.2023

71 KEEMILINE TEHNOLOOGIA

prEN 17914

Chemical disinfectants and antiseptics - Quantitative suspension test method for the evaluation of virucidal activity of chemical disinfectants and antiseptics in food, industrial, domestic and institutional areas - Test method and requirements (phase 2, step 1).

Test method for virucidal activity of liquid, chemical disinfectant and antispetics. It is applicable to ready-to-use products or dilute-to-use products that form a homogeneous, physically stable preparation when diluted with hard water. This includes but is not limited to the food industry, institutional areas such as schools, hospitals and nursing homes, in the workplace and in the home/domestic environment.

Keel: en
Alusdokumendid: prEN 17914

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN 17915

Chemical disinfectants and antiseptics - Quantitative carrier test method for the evaluation of virucidal activity of chemical disinfectants on hard non-porous surfaces in food, industrial, domestic and institutional areas - Test method and requirements (phase 2, step 2).

Test method for virucidal activity of liquid, chemical disinfectant and antiseptics. It is applicable to ready to use products or concentrated products that form a homogeneous, physically stable preparation when diluted with hard water. This includes but is not limited to the food industry, institutional areas such as schools, hospitals and nursing homes, in the workplace and in the home/domestic environment. It is not applicable when the use of the product is medically indicated.

Keel: en
Alusdokumendid: prEN 17915

Arvamusküsitluse lõppkuupäev: 13.01.2023

75 NAFTA JA NAFTATEHNOLOOGIA

prEN ISO 12185

Crude petroleum, petroleum products and related products - Determination of density - Laboratory density meter with an oscillating U tube sensor (ISO/DIS 12185:2022)

This International Standard specifies a method for the determination, using an oscillating U-tube density meter, of the density of crude petroleum and related products within the range 600 kg/m3 to 1 100 kg/m3 which can be handled as single-phase liquids at the test temperature and pressure. This International Standard is applicable to liquids of any vapour pressure as long as suitable precautions are taken to ensure that they remain in single phase. Loss of light components will lead to changes in density during both the sample handling and the density determination. This method is not intended for use with in-line density meters.

Keel: en
Alusdokumendid: ISO/DIS 12185; prEN ISO 12185
Asendab dokumenti: EVS-EN ISO 12185:2000

Arvamusküsitluse lõppkuupäev: 13.01.2023

77 METALLURGIA

prEN ISO 6508-1

Metallic materials - Rockwell hardness test - Part 1: Test method (ISO/DIS 6508-1:2022)

ISO 6508-1:2016 specifies the method for Rockwell regular and Rockwell superficial hardness tests for scales A, B, C, D, E, F, G, H, K, 15N, 30N, 45N, 15T, 30T, and 45T for metallic materials and is applicable to stationary and portable hardness testing machines. For specific materials and/or products, other specific International Standards apply (for instance, ISO 3738-1 and ISO 4498).

Keel: en
Alusdokumendid: ISO/DIS 6508-1; prEN ISO 6508-1
Asendab dokumenti: EVS-EN ISO 6508-1:2016

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN ISO 6508-2

Metallic materials - Rockwell hardness test - Part 2: Verification and calibration of testing machines and indenters (ISO/DIS 6508-2:2022)

ISO 6508-2:2015 specifies two separate methods of verification of testing machines (direct and indirect) for determining Rockwell hardness in accordance with ISO 6508-1:2015, together with a method for verifying Rockwell hardness indenters. The direct verification method is used to determine whether the main parameters associated with the machine function, such as applied force, depth measurement, and testing cycle timing, fall within specified tolerances. The indirect verification method uses a number of calibrated reference hardness blocks to determine how well the machine can measure a material of known hardness. The indirect method may be used on its own for periodic routine checking of the machine in service. If a testing machine is also to be used for other methods of hardness testing, it shall be verified independently for each method. ISO 6508-2:2015 is applicable to stationary and portable hardness testing machines. Attention is drawn to the fact that the use of tungsten carbide composite for ball indenters is considered to be the standard type of Rockwell indenter ball. Steel indenter balls may continue to be used only when complying with ISO 6508-1:2015, Annex A.

Keel: en
Alusdokumendid: ISO/DIS 6508-2; prEN ISO 6508-2
Asendab dokumenti: EVS-EN ISO 6508-2:2015

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN ISO 6508-3

Metallic materials - Rockwell hardness test - Part 3: Calibration of reference blocks (ISO/DIS 6508-3:2022)

ISO 6508-3:2015 specifies a method for the calibration of reference blocks to be used for the indirect and daily verification of Rockwell hardness testing machines, as specified in ISO 6508-2:2015. Attention is drawn to the fact that the use of hard metal for ball indenters is considered to be the standard type of Rockwell indenter ball. Steel indenter balls can be used only when complying with ISO 6508-1:2015, Annex A.

Keel: en
Alusdokumendid: ISO/DIS 6508-3; prEN ISO 6508-3
Asendab dokumenti: EVS-EN ISO 6508-3:2015

Arvamusküsitluse lõppkuupäev: 13.01.2023

79 PUIDUTEHNOLOOGIA

prEN 1912

Structural Timber - Strength classes - Assignment of visual grades and species

This document lists visual strength grades, species and sources of timber, and specifies the strength classes to which they are assigned. The assignments listed are for strength classes documented in EN 338. The assignments apply to timber that has not been previously strength graded in a way that introduces a bias on the population of timber to be graded, as compared to ungraded material. Species/grades or species combination/grades are assigned to strength classes in accordance with EN 14081-1 and supporting standards. This document contains a list of assignments but is not intended to be exhaustive. NOTE 1 Timber graded by machine to EN 14081 is graded directly to the strength classes and marked accordingly. Machine grading is therefore not referenced in this document. NOTE 2 For combinations of species and visual grades which meet the requirements of EN 14081 but are not listed in this document, the assignment to strength classes is made according to EN 384.

Keel: en
Alusdokumendid: prEN 1912
Asendab dokumenti: EVS-EN 1912:2012
Asendab dokumenti: EVS-EN 1912:2012/AC:2013

Arvamusküsitluse lõppkuupäev: 13.01.2023

91 EHITUSMATERJALID JA EHITUS

EN ISO 11855-1:2021/prA1

Building environment design - Embedded radiant heating and cooling systems - Part 1: Definitions, symbols, and comfort criteria - Amendment 1 (ISO 11855-1:2021/DAM 1:2022)

Amendment to EN ISO 11855-1:2021

Keel: en
Alusdokumendid: ISO 11855-1:2021/DAmd 1; EN ISO 11855-1:2021/prA1
Muudab dokumenti: EVS-EN ISO 11855-1:2021

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN 200

Sanitary tapware - Single taps and combination taps for water supply systems of type 1 and type 2 - General technical specification

This European Standard specifies: a) the field of application for pillar taps, bib taps, single and multi-hole combination taps for use in: 1) a supply system of Type 1 (see Figure 1); 2) a supply system of Type 2 (see Figure 2); b) the dimensional, leaktightness, pressure resistance, hydraulic performance, mechanical strength, endurance and acoustic characteristics of nominal size ½ and ¾ single taps and combination taps; c) test methods to verify the characteristics. d) The tests described in this European Standard are type tests (laboratory tests) and not quality control tests carried out during manufacture. This European Standard applies to draw-off taps (single taps and combination taps) for use with sanitary appliances installed in rooms used for bodily hygiene (cloakrooms, bathrooms etc.) and in kitchens, i.e. for use with baths, wash basins, bidets, showers and sinks. Figure 1 shows a supply system of Type 1 with a pressure range of (0,05 to 1,0) Mpa [(0,5 to 10) bar]. Figure 2 shows a supply system of Type 2 with a pressure range of (0,01 to 1,0) Mpa [(0,1 to 10) bar]. This European Standard applies to sanitary draw-off taps of nominal size ½ and ¾ (PN 10). The conditions of use and classifications are given in Table 1 but note the comments in Table 2.

Keel: en
Alusdokumendid: prEN 200
Asendab dokumenti: EVS-EN 200:2008

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN ISO 16484-1

Building automation and control systems (BACS) - Part 1: Project specification and implementation (ISO/DIS 16484-1:2022)

ISO 16484-1:2010 specifies guiding principles for project design and implementation and for the integration of other systems into the building automation and control systems (BACS). ISO 16484-1:2010 specifies the phases required for the BACS project, including: design (determination of project requirements and production of design documents including technical specifications), engineering (detailed function and hardware design), installation (installing and commissioning of the BACS), and completion (handover, acceptance and project finalization). ISO 16484-1:2010 also specifies the requirements for as-built documentation and training. ISO 16484-1:2010 is not applicable to operation and maintenance, nor is it applicable to retro or continuous commissioning, including a commissioning authority.

Keel: en
Alusdokumendid: ISO/DIS 16484-1; prEN ISO 16484-1
Asendab dokumenti: EVS-EN ISO 16484-1:2010

Arvamusküsitluse lõppkuupäev: 13.01.2023

93 RAJATISED

prEN 13880-4

Hot applied joint sealants - Part 4: Test method for the characterization of heat resistance - Change in penetration value

This document describes a method to characterize the resistance against elevated temperature on samples of hot applied joint sealants according to EN 14188-1 by comparing the cone penetration and resilience values before and after exposure.

Keel: en
Alusdokumendid: prEN 13880-4
Asendab dokumenti: EVS-EN 13880-4:2003

Arvamusküsitluse lõppkuupäev: 13.01.2023

97 OLME. MEELELAHUTUS. SPORT

EN 17109:2020/prA1

Mountaineering equipment - Individual safety systems for rope courses - Safety requirements and test methods

This document specifies safety requirements and test methods for components of an individual safety system for protection against a fall from height used in permanent and mobile rope courses as defined in EN 15567-1. The products considered in this standard are not intended to limit, by themselves, the deceleration of the fall of the user, as defined in EN 15567-1. For this requirement, it is essential to consider the whole ropes course system. Safety lines and harness are not covered in this standard. 1 Modification to Clause 1, Scope 1. Replace "EN 15567-1" twice with "EN 15567-1:2015+A1:2020"; 2. Replace "standard" with "document" (twice in this clause).

Keel: en
Alusdokumendid: EN 17109:2020/prA1
Muudab dokumenti: EVS-EN 17109:2020

Arvamusküsitluse lõppkuupäev: 13.01.2023

EN 60730-1:2016/prAA:2022

Automatic electrical controls - Part 1: General requirements

Amendment to EN 60730-1:2016

Keel: en
Alusdokumendid: EN 60730-1:2016/prAA:2022
Muudab dokumenti: EVS-EN 60730-1:2016
Muudab dokumenti: EVS-EN 60730-1:2016/A2:2022
Muudab dokumenti: EVS-EN 60730-1:2016+A1+A2:2022

Arvamusküsitluse lõppkuupäev: 13.01.2023

prEN 958

Mountaineering equipment - Energy absorbing systems for use in klettersteig (via ferrata) climbing - Safety requirements and test methods

This document specifies safety requirements and test methods for energy absorbing systems (EAS) for use in climbing on a via ferrata according to EN 16869:2017, for users over 14 years old weighing not less than 40 kg (total weight without equipment) and no more than 120 kg (total weight including the equipment). NOTE This document is one of a package of standards for mountaineering equipment, see Annex A.

Keel: en
Alusdokumendid: prEN 958
Asendab dokumenti: EVS-EN 958:2017

Arvamusküsitluse lõppkuupäev: 13.01.2023

TÕLKED KOMMENTEERIMISEL

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

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

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

CEN/TR 17741:2021

Juhend standardi en/iso 29481-1 „ehitusinformatsiooni mudelid“ mõistmiseks ja kasutamiseks. Informatsiooni edastamise käsiraamat. Osa 1: Metoodika ja vorming

Selles dokumendis antakse juhised selle kohta, kuidas töötada välja standardile EN ISO 29481-1 vastavat informatsiooni edastamise käsiraamatut (Information Delivery Manual, IDM), kasutades edaspidi mõistet IDMi standard. See dokument annab selgituse IDMi metoodika põhikomponentide ja arendusprotsessi kohta mittetehnilises keeles. Selle dokumendi eesmärk on aidata kasutajatel ja tarkvaramüüjatel mõista ja kasutada IDMi standardit teavitamisega seotud nõuete ja lõpptulemuste määratlemisel. IDMi tehniline rakendamine andmemudelis ja mudelivaate määratlus (Model View Definition, MVD) jäävad käesoleva dokumendi käsitlusalast välja. IDMi standard tutvustab küll MVD kontseptsiooni, kuid ei kirjelda seda üksikasjalikult. Samuti on selles dokumendis kasutatud mõnda standardis EN ISO 29481-2 esitletud toimimisstruktuuri mõistet. Tarkvaralahendusi toetavad XML- ja XSD-andmetüüpide mõisted jäävad käesoleva dokumendi käsitlusalast välja.

Keel: et
Alusdokumendid: CEN/TR 17741:2021

Kommenteerimise lõppkuupäev: 14.12.2022

EVS-EN 13888-1:2022

Keraamiliste plaatide vuugisegud. Osa 1: Nõuded, klassifikatsioon, tähistamine, märgistamine ja sildistamine

See dokument kehtib keraamiliste plaatide vuugisegude kohta nende paigaldamiseks seintele ja põrandatele nii sise- kui välistingimustes. See dokument esitab keraamiliste plaatide vuugisegude toodete, töömeetodite (vt lisa A), kasutusomaduste jms terminoloogia. Selles dokumendis tuuakse ära keraamiliste plaatide tsemendipõhiste ja reaktsioonvaikvuugisegude toimivusnõuded. See dokument ei sisalda kriteeriume ega soovitusi keraamiliste plaatide kavandamiseks ja paigaldamiseks. Keraamiliste plaatide vuugisegusid saab kasutada ka teist tüüpi plaatide puhul (looduslikud ja aglomeeritud (paagutatud) kivid jne), kui vuugisegud ei mõjuta neid materjale negatiivselt.

Keel: et
Alusdokumendid: EN 13888-1:2022

Kommenteerimise lõppkuupäev: 14.12.2022

EVS-EN ISO 19650-4:2022

Hoonete ja tsiviilehitustöödega seotud informatsiooni organiseerimine ja digitaliseerimine, sealhulgas ehitusinformatsiooni modelleerimine (bim). Infohaldus ehitusinformatsiooni modelleerimist kasutades. Osa 4: Infovahetus

See dokument määrab kindlaks üksikasjaliku protsessi ja kriteeriumid infovahetusega seotud otsuste langetamisel, nagu on täpsustatud ISO 19650 standardisarjas, et tagada selle tulemuseks oleva projekti informatsioonimudeli või vara informatsioonimudeli kvaliteet. See dokument täpsustab standardis ISO 19650-1 toodud mõistete rakendamist ning on kohaldatav igasuguse infovahetuse korral üleandmisetappides, mis on kaetud standardiga ISO 19650-2 ja käitamisega seotud päästiksündmustel, mis on kaetud standardiga ISO 19650-3. See dokument on kohaldatav igas suuruses ja iga keerukusastmega varade korral. Selles dokumendis sisalduvad portfooliod ehitiste, ülikoolilinnakute, taristuvõrkude, üksikute hoonete ja taristuosade kohta. Selles dokumendis toodud nõudeid tuleb rakendada vara proportsioone ja keerukust arvestaval viisil. Selles dokumendis kasutatakse fraasi „tuleb arvestada“. Seda fraasi kasutatakse nende punktide loetlemisel, millele kõnealune isik peab hoolikalt mõtlema seoses selles alajaotises kirjeldatud esmajärgulise nõudega. Selle peale kulutatud mõttemaht ja teostamiseks võetud aeg ning vajadus täiendava tõendi järele olenevad vara keerukusest, seotud inimes(t)e kogemusest ja mis tahes riikliku poliitikaga kehtestatud nõuetest ehitusinformatsiooni modelleerimise kasutamise kohta. Suhteliselt väikese või lihtsa vara korral saab selliseid „tuleb arvestada“ punkte täita või jätta vahele, kui need ei ole asjakohased, väga kiiresti. Üks moodus, mis aitab tuvastada, millised nendest „tuleb arvestada“ väidetest on olulised, on iga väite läbivaatamine ning mallide koostamine erineva suuruse ja keerukusastmega vara jaoks.

Keel: et
Alusdokumendid: ISO 19650-4:2022; EN ISO 19650-4:2022

Kommenteerimise lõppkuupäev: 14.12.2022

prEN 16510-2-1

Elamute tahkekütteseadmed. Osa 2-1: Tubased kütteseadmed

See dokument on kohaldatav tahkekütusega köetavatele tubastele kütteseadmetele (eraldiseisvad või integreeritavad tahkekütuse-kohtkütteseadmed, mis on käitatavad ainult suletud või suletud või avatud laadimisava ustega; integreeritavad seadised ilma funktsionaalsete muudatusteta). Seadmete kasutusotstarve on ruumide kütmine elamutes. Neile saab paigaldada

veesoojendi (seadme lahutamatu osa, mis sisaldab soojendatavat vett) keskküttesüsteemide varustamiseks kuuma veega. Nendes kütteseadmetes võib määratluse kohaselt põletada üht või mitut tüüpi järgmisi tahkekütuseid: — halupuud; — pressitud, töötlemata puit; — puitgraanulid (pelletid); — ligniidibrikett (pruunsöebrikett); — tahked mineraalkütused; — turbabrikett. Seda dokumenti ei kohaldata kütteseadmetele, millel on ventilaator põlemisprotsessi läbiviimiseks või mehaanilise kütusevarustussüsteemiga seadmetele. Selles dokumendis määratakse kindlaks protseduurid tahkekütusega köetavate tubaste kütteseadmete omaduste toimivuse püsivuse hindamiseks ja kontrollimiseks (AVCP).

Keel: et
Alusdokumendid: prEN 16510-2-1

Kommenteerimise lõppkuupäev: 14.12.2022

prEN 351-2

Puidu ja puittoodete vastupidavus. Kaitsevahendiga immutatud täispuit. Osa 2: Juhised proovivõtu kohta kaitsevahendiga immutatud puidu analüüsiks

See standardi EN 351 osa annab juhised üldiste protseduuride kohta, mida tuleb kasutada kaitseimmutatud puidust proovide võtmisel puidukaitsevahendi läbitavuse ja sissejäävuse määramiseks. Samuti annab see juhised puidukaitsevahendi läbitavuse ja sissejäävuse mõõtmiseks immutatud puidus. See standardi EN 351 osa on rakendatav kaitseimmutatud täispuidust toodangule, kaasa arvatud liimpuidule, mis on sobiv kasutamiseks nendes kasutustingimustes, mis on määratletud standardi EN 335 kasutusklassidega. MÄRKUS Liimpuit ei ole sobilik kasutamiseks mage- ega merevees. See standardi EN 351 osa ei ole rakendatav kasutuses oleva kaitseimmutatud puidu kohta. Standardi EN 351 selles osas esitatud proovivõtujuhiseid saab siiski rakendada kasutuses oleva immutatud puidu hilisemaks kontrollimiseks. Lisa A (teatmelisa) sisaldab näidisühikute arvu valimist. Lisa B (teatmelisa) sisaldab sissejäävuse mõõtmise näiteid.

Keel: et
Alusdokumendid: prEN 351-2

Kommenteerimise lõppkuupäev: 14.12.2022

prEVS-ISO 21504

Projekti-, programmi- ja portfellijuhtimine. Portfellijuhtimise juhised

See dokument annab juhised projektide ja programmide portfelli juhtimise põhimõtete kohta. See dokument on asjakohane igat tüüpi, sealhulgas avaliku või erasektori, igasuguse suurusega või mistahes sektorisse kuuluvate organisatsioonide jaoks. Selles dokumendis esitatud juhised on mõeldud kohandamiseks, et need sobiks iga projekti- ja programmiportfelli eriomase keskkonnaga. See dokument ei anna juhiseid projektijuhtimise, programmijuhtimise ega muude eriomaste portfellijuhtimise tüüpide (nagu nt finantsportfelli juhtimise) kohta.

Keel: et
Alusdokumendid: ISO 21504:2022

Kommenteerimise lõppkuupäev: 14.12.2022

ALGUPÄRASTE STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE KOOSTAMINE

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

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

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

prEVS 860-5

Tehniliste paigaldiste termiline isoleerimine. Osa 5: Torustikud, mahutid ja seadmed. Dimensioneerimine
Thermal insulation of technical equipment - Part 5: Insulation of pipes, vessels and equipment. Dimensioning

See standard on osa „Tehniliste paigaldiste termilise isoleerimise“ standardite sarjast, mis on koostatud projekteerijatele, töövõtjatele ning isolatsioonitööde tellijatele. See standard käsitleb torustike, mahutite ja seadmete soojus- ja külmaisolatsiooni dimensioneerimist, sisaldades isolatsiooni paksuste tabeleid.

Asendab dokumenti: EVS 860-5:2017
Koostamisettepaneku esitaja: Mittetulundusühing Eesti Isolatsioonitevõtjate Liit

prEVS 871

Tuletõkke- ja evakuatsiooni avatäited ja sulused. Kasutamine
Fire resisting and emergency exit doors and door hardware - Use

See standard esitab nõuded tuletõkke- ja evakuatsiooniuste ning suluste kasutamisele ehitistes. Selle standardi evakuatsiooni osa rakendatakse evakuatsiooniteedele jäävatele ustele, mis on tuletõkkefunktsiooniga või ilma selleta. Tuletõkke- ja evakuatsiooninõuete täitmise vajadus sõltub konkreetse avatäite asukohast ehitises. Standardis ei käsitleta eritingimusi, mis võivad mitmesugustel põhjustel esineda inimeste luku taga hoidmisel (näiteks kinnipidamisasutustes vms juhtudel). Sellised lahendused tuleb igale konkreetsele ehitisele välja töötada järelevalveametkonnaga kooskõlastatult. See standard ei kirjelda tuletõkke- ja evakuatsiooniuste ning nende suluste katsetamise metoodikat, mis on määratletud omaette normdokumentides. Standard hõlmab üksnes tuletõkke- ja evakuatsiooniuste kasutamist, avatäidete omadused on kaetud asjakohaste harmoneeritud Euroopa tootestandarditega, näiteks EVS-EN 14351-1 (välisuksed), FprEN 14351-2 (siseuksed), EVS-EN 13241 (tööstusuksed), EVS-EN 16361 (masinkäitusega uksed) ja EVS-EN 16034 (tule- ja suitsutõkkeuksed). Sama kehtib akna- ja uksetarvikute ning muude ehitustoodete kohta. Standardi edaspidist kasutamist võivad mõjutada Eestis üle võetavaid avatäiteid puudutavad Euroopa standardid.

Asendab dokumenti: EVS 871:2017
Koostamisettepaneku esitaja: EVS/TK 15

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 14535-3:2015

Raudteealased rakendused. Raudteeveeremi pidurikettad. Osa 3: Pidurikettad, ketta ja hõõrdepaari toimimisomadused, klassifikatsioon
Railway applications - Brake discs for railway rolling stock - Part 3: Brake discs, performance of the disc and the friction couple, classification

This European Standard applies to brake discs designed to be fitted to railway vehicles. This European Standard comprises a type test of brake disc performance. The brake disc is tested for energy conversion and dissipation, ventilation characteristics as well as mechanical integrity. The classification qualifies a brake disc in conjunction with the defined brake pad by dynamometer tests which simulates up to one year in service when operating in the defined application class. It does not define the application and the brake performance in specific trains. NOTE For this purpose, additional tests may be necessary. For the application of brake discs on railway vehicles it is not mandatory to use classified brake discs. Classified brake discs can be validated for the use on railway vehicles for higher performance applications with additional tests. This standard describes the type test procedure for brake disc classification as specified in EN 14535 1 and EN 14535 2.

Keel: en
Alusdokumendid: EN 14535-3:2015
Tühistamisküsitluse lõppkuupäev: 14.12.2022

EVS-EN 15530:2008

Aluminium and aluminium alloys - Environmental aspects of aluminium products - General guidelines for their inclusion in standards

This European Standard gives guidelines for standard writers who draft standards dealing with aluminium products or dealing with semi-finished products which are intended to be used for aluminium products. It applies to all applications of aluminium products It provides a structure on how to identify and consider environmental aspects and potential environmental impacts of aluminium products throughout their life cycle, when writing standards taking into account the specific properties of aluminium and specific aspects of the life cycle of aluminium products. It gives guidance on how the life cycle of aluminium products should be taken into account, considering the provisions given in EN ISO 14044. It also explains cases where restrictions on aluminium products, which are motivated by environmental considerations, are not appropriate and gives guidance on how to avoid unnecessary requirements. This European Standard does not include health and safety aspects related to the production, use or recycling of aluminium products.

Keel: en
Alusdokumendid: EN 15530:2008
Tühistamisküsitluse lõppkuupäev: 14.12.2022

EVS-EN 50109-2-1:2002

Hand crimping tools - Tools for the crimp termination of electric cables and wires for low frequency and radio frequency applications - Part 2-1: Particular requirements for radio frequency connectors and concentric contacts - Open throat tools with fixed dies, sizes A to E, V and W

Part 2-1 of this European Standard specifies requirements, limiting dimensions and operating forces for hand crimping tools with fixed dies, sizes A to E, V and W, for the termination of cables to radio frequency connectors. For tool style references see 5.1 and table 1.

Keel: en
Alusdokumendid: EN 50109-2-1:1995
Tühistamisküsitluse lõppkuupäev: 14.12.2022

EVS-EN 50109-2-3:2002

Hand crimping tools. Tools for the crimp termination of electric cables and wires for low frequency and radio frequency applications - Part 2-3: Particular requirements for contacts of electrical connectors

Part 2-3 of this European Standard specifies detail requirements for hand crimping tools incorporating a system of multiple indentors for use with removable male and female contacts of electrical connectors and similar components.

Keel: en
Alusdokumendid: EN 50109-2-3:1995
Tühistamisküsitluse lõppkuupäev: 14.12.2022

EVS-EN 50109-2-4:2002

Hand crimping tools. Tools for the crimp termination of electric cables and wires for low frequency and radio frequency applications - Part 2-4: Particular requirements for centre contacts of RF connectors, series SMZ

Part 2-4 of this European Standard specifies detail requirements, limiting dimensions and operating forces incorporating a system of multiple indentors of the 8-indent type, commonly known as "Octodent". It includes test requirements for the tool crimping action, under load using a test-piece.

Keel: en
Alusdokumendid: EN 50109-2-4:1995
Tühistamisküsitluse lõppkuupäev: 14.12.2022

EVS-EN 50288-8:2012

Analoog- ja digitaalkommunikatsioonis ja -juhtimises kasutatavad mitmeelemendilised metallkaablid. Osa 8: Tüüpi 1 kuuluvate, sagedusega kuni 2 MHz iseloomustatavate kaablite spetifikatsioo
Multi-element metallic cables used in analogue and digital communication and control - Part 8: Specification for type 1 cables characterised up to 2 MHz

This European Standard defines 1 to 7 multi-pair cables for use in analogue, digital telecommunication networks and control with their relative definitions and requirements. It covers indoor cables, characterised up to 2 MHz, to be used in Small Office Home Office (SOHO) type 1 cable application. The electrical, mechanical, transmission and environmental performance characteristics of the screened cables, related to their reference test methods, are detailed.

Keel: en
Alusdokumendid: EN 50288-8:2012
Tühistamisküsitluse lõppkuupäev: 14.12.2022

EVS-EN 50407-3:2014

Suure bitikiirusega digitaal-telekommunikatsioonivõrkudes kasutatavad mitmepaarilised kaablid. Osa 3: Siseoludes kasutatavad mitmepaarilised või mitmenelikulised kaablid sagedusega kuni 100 MHz ja ühenduspikkusega enimalt 100 m üldtalitluseks, xDSL-talitluseks ja rakendusteks kiirusega kuni 100 Mbit/s üle IP
Multi-pair cables used in high bit rate digital access telecommunications networks - Part 3: Indoor multi-pair/quad riser cables up to 100 MHz for maximum length of connection 100 m supporting universal services, xDSL and applications up to 100 Mbit/s over IP

This European Standard defines indoor multi-pair/quad cables for installation in Multi Dwelling units shaft supporting universal services, xDSL and applications up to 100 MBits over IP, their relative definitions and requirements. NOTE Higher bit rate applications need cables specified in a relevant part of EN 50406 or EN 50288 series. It covers cables, with an overall screen, with performances up to 100 MHz, to be used in indoor networks intended to connect the broadband outside plant to the individual customer dwelling for applications 100 Mbit/s over IP maximum length of connection 100 m. The electrical, environmental, mechanical and transmission performance characteristics of the cables, related to their reference test methods, are detailed.

Keel: en
Alusdokumendid: EN 50407-3:2014
Tühistamisküsitluse lõppkuupäev: 14.12.2022

EVS-EN 50441-1:2012

Elamute telekommunikatsioonipaigaldiste kaablid. Osa 1: Varjestamata kaablid. Aste 1
Cables for indoor residential telecommunication installations Part 1: Unscreened cables - Grade 1

This European Standard specifies the constructional details and performances requirements for cables for indoor residential cabling systems characterized up to 100 MHz. Cables in this European Standard are based on the common design rules specified in EN 50290-2-1 and are specifically intended for supporting ICT and BCT applications (telephone, computer and TV services) as specified in EN 50173-4. The cables covered in this European Standard are intended to operate with voltages and currents normally encountered in communications systems. These cables are not intended to be used in conjunction with low impedance sources, for example, the electrical power supply of public utility mains. Cables covered in this European Standard may however be subjected to voltages of not more than 300 V a.c. or 450 V d.c. and comply with the requirements of the Low Voltage Directive. The maximum current rating per conductor is 3 A/mm² unless otherwise specified in the relevant detail specification.

Keel: en
Alusdokumendid: EN 50441-1:2012
Tühistamisküsitluse lõppkuupäev: 14.12.2022

EVS-EN 50441-2:2012

Elamute telekommunikatsioonipaigaldiste kaablid. Osa 2: Varjestatud kaablid. Aste 1
Cables for indoor residential telecommunication installations - Part 2: Screened cables - Grade 1

This European Standard specifies the constructional details and performance requirements for cables for indoor Residential Cabling Systems characterized up to 100 MHz. Cables in this European Standard are based on the common design rules specified in EN 50290-2-1 and are specifically intended for supporting ICT and BCT applications (telephone, computer and TV services) as specified in EN 50173-4. The cables covered in this European Standard are intended to operate with voltages and currents normally encountered in communication systems. These cables are not intended to be used in conjunction with low impedance sources, for example, the electrical power supply of public utility mains. Cables covered in this European Standard may however be subjected to voltages of not more than 300 V a.c. or 450 V d.c and comply with the requirements of the Low Voltage Directive. The maximum current rating per conductor is 3 A/mm² unless otherwise specified in the relevant detail specification.

Keel: en
Alusdokumendid: EN 50441-2:2012
Tühistamisküsitluse lõppkuupäev: 14.12.2022

EVS-EN 50441-3:2006

Elamute telekommunikatsioonipaigaldiste kaablid. Osa 3: Varjestatud kaablid. Aste 3
Cables for indoor residential telecommunication installations Part 3: Screened cables - Grade 3

These cables are for installation in indoor Residential Cabling Systems. They are specified up to 1 000 MHz. Their design is based on the requirements of the EN 50290-2-1. They are specifically designed for cabling in residential environment supporting ICT and BCT applications. (Telephone, Computer and TV services). This specification defines the constructional details as well as the specific performances of the cables.

Keel: en
Alusdokumendid: EN 50441-3:2006
Tühistamisküsitluse lõppkuupäev: 14.12.2022

EVS-EN 50441-4:2012

Elamute sise-telekommunikatsioonipaigaldiste kaablid. Osa 4: Kaablid sagedusele kuni 1200 MHz. Aste 3
Cables for indoor residential telecommunication installations - Part 4: Cables up to 1 200 MHz - Grade 3

This European Standard specifies the constructional details and performance requirements for cables for installation in indoor residential cabling systems characterized up to 1 200 MHz. Cables in this European Standard are based on the common design rules specified in EN 50290-2-1 and are specifically intended for supporting ICT and BCT applications (telephone, computer and TV services) as specified in EN 50173-4. The cables covered in this European Standard are intended to operate with voltages and currents normally encountered in communication systems. These cables are not intended to be used in conjunction with low impedance sources, for example, the electrical power supply of public utility mains. Cables covered in this European Standard may however be subjected to voltages of not more than 300 V a.c or 450 V d.c and comply with the requirements of the Low Voltage Directive. The maximum current rating per conductor is 3 A/mm² unless otherwise specified in the relevant detail specification.

Keel: en
Alusdokumendid: EN 50441-4:2012
Tühistamisküsitluse lõppkuupäev: 14.12.2022

EVS-EN 50529-1:2010

Elektromagnetilise ühilduvuse võrgustandard. Osa 1: Juhtidel põhinevad telekommunikatsioonivõrgud, milles kasutatakse telefonijuhtmeid ja -kaableid
EMC Network Standard - Part 1: Wire-line telecommunications networks using telephone wires

This EMC standard specifies requirements for emissions originating from within wire-line telecommunication networks using telephone wires and the immunity of those networks, including their in-premises extensions by references to harmonised EMC product standards and other standards with EMC requirements in combination with good engineering practice, when installed and operated as intended. This standard covers the frequency range 9 kHz to 400 GHz. The assessment of a network needs to be performed only in the frequency ranges where limits are defined in the relevant product standards. The emission limits set in this standard do not apply to the wanted emissions from embedded radio links within the network. The requirements have been selected so as to ensure that electromagnetic disturbances generated by a network, or parts thereof, operating normally do not exceed a level above which radio and telecommunications equipment or other equipment cannot operate as intended. Fault conditions of the network are not taken into account.

Keel: en
Alusdokumendid: EN 50529-1:2010
Tühistamisküsitluse lõppkuupäev: 14.12.2022

EVS-EN 50529-2:2010

Elektromagnetilise ühilduvuse võrgustandard. Osa 2: Juhtidel põhinevad telekommunikatsioonivõrgud, milles kasutatakse koaksiaalkaableid
EMC Network Standard - Part 2: Wire-line telecommunications networks using coaxial cables

This EMC standard specifies requirements for emissions originating from within wire-line telecommunication networks using coaxial cables and the immunity of those networks, including their in-premises extensions by references to harmonised EMC product standards and other standards with EMC requirements in combination with good engineering practice, when installed and operated as intended. This standard covers the frequency range 9 kHz to 400 GHz. The assessment of a network needs to be performed only in the frequency ranges where limits are defined. The emission limits set in this standard do not apply to the wanted emissions from embedded radio links within the network. The requirements have been selected so as to ensure that electromagnetic disturbances generated by a network, or parts thereof, operating normally do not exceed a level above which radio and telecommunications apparatus or other apparatus cannot operate as intended. Fault conditions of the network are not taken into account.

Keel: en
Alusdokumendid: EN 50529-2:2010
Tühistamisküsitluse lõppkuupäev: 14.12.2022

EVS-EN 61000-2-10:2002

Electromagnetic Compatibility (EMC) - Part 2-10: Environment - Description of HEMP environment - Conducted disturbance

This International Standard defines the high-altitude electromagnetic pulse (HEMP) conducted environment that is one of the consequences of a high-altitude nuclear explosion.

Keel: en
Alusdokumendid: IEC 61000-2-10:1998; EN 61000-2-10:1999
Tühistamisküsitluse lõppkuupäev: 14.12.2022

TEADE EUROOPA STANDARDI OLEMASOLUST

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

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

EN ISO 898-2:2022

Fasteners - Mechanical properties of fasteners made of carbon steel and alloy steel - Part 2: Nuts with specified property classes (ISO 898-2:2022)

Eeldatav avaldamise aeg Eesti standardina 04.2023

AVALDATUD EESTIKEELSED STANDARDIPARANDUSED

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

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

EVS-EN IEC 61000-4-11:2020/AC:2020

Elektromagnetiline ühilduvus (EMÜ). Osa 4-11: Katsetus- ja mõõtetehnika. Pingelohkude, lühikatkestuste ja pingemuutuste taluvuse katsetused seadmetele sisendvooluga kuni 16 A faasi kohta
Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase

EVS-EN IEC 61000-4-11:2020/AC:2022

Elektromagnetiline ühilduvus (EMÜ). Osa 4-11: Katsetus- ja mõõtetehnika. Pingelohkude, lühikatkestuste ja pingemuutuste taluvuse katsetused seadmetele sisendvooluga kuni 16 A faasi kohta
Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

CEN/TR 12566-5:2008

Reovee väikepuhastid kuni 50 IE. Osa 5: Eelkäideldud heitvee filtersüsteemid
Small wastewater treatment systems up to 50 PT - Part 5: Pre-treated Effluent Filtration systems

Tehnilises aruandes määratletakse soovituslikud nõuded pinnasesse immutamise süsteemidele, mille suurus ulatub ühest majapidamisest kuni 50 ie-ni ja millesse jõuab olmereovesi septikutest, mis on toodetud standardites EN 12566-1 ja EN 12566-4 esitatud nõuete kohaselt. Dokument on tegevusjuhis ning selles esitatakse tehislike liivafiltrite ning pinnaaluse läbivooluga liiva- või kruusafiltriga tehismärgalade projekteerimisparameetrid, konstruktsiooni puudutavad üksikasjad ning nõuded paigaldusele ja komponentidele.

EVS-EN 12390-17:2019

Kivistunud betooni katsetamine Osa 17: Betooni roome määramine survel
Testing hardened concrete - Part 17: Determination of creep of concrete in compression

See dokument kirjeldab kivistunud betooni katsekehade roome (koguroome, põhiroome ja kuivamisroome) määramise meetodit püsival pikisuunalisel survekoormusel. See katse sobib nendele katsekehadele, mille betoonis tegelikult kasutatud täitematerjali nimimõõdu D deklareeritud väärtus ei ületa 32 mm, (Dmax).

EVS-EN 12390-18:2021

Kivistunud betooni katsetamine. Osa 18: Kloriidi migratsiooniteguri määramine
Testing hardened concrete - Part 18: Determination of the chloride migration coefficient

See dokument spetsifitseerib meetodi kivistunud betoonkatsekehade kloriidi migratsiooniteguri määramiseks mittestatsionaarses olekus, spetsifitseeritud vanuses (vt lisa A). Katsemeetod ei võta arvesse aja jooksul aset leidvat betooni ja soolalahuse vastastiktoimet. Katsetulemus on kestvusnäitaja, mis seondub uuritava betooni vastupanuga kloriidi sissetungimisele. Katsemeetod ei ole kohaldatav betoonkatsekehadele, mille pinda on töödeldud, näiteks silaanidega. Kui täitematerjal või mis tahes muud sängitatud elemendid (nagu metallkiud või juhtivad osakesed) on elektrit juhtivad, mõjutab see kloriidi migratsiooni ulatust. Seda asjaolu võetakse arvesse läviväärtuste määramisel. See takistab betoonide kloriidi migratsioonivääртuste võrdlemist, juhul kui pool kloriidi migratsiooni erinevuse suurusjärgust (suurema või väiksema) on põhjustatud täitematerjalidest.

EVS-EN 14399-1:2015

Konstruktsioonilised eelpingestatavad kõrgtugevad poldikomplektid. Osa 1: Üldnõuded
High-strength structural bolting assemblies for preloading - Part 1: General requirements

See Euroopa standard spetsifitseerib üldnõuded konstruktsioonides kasutatavatele kõrgtugevatele, eelpingestamiseks sobivatele, poldist/mutrist/seibi(de)st koosnevatele poltliitekomplektidele. Sellele Euroopa standardile vastavate poltliitekomplektide kavandatud kasutusalaks on metallkonstruktsioonid. MÄRKUS 1 Standardite EN 14399-2 kuni EN 14399-10 kohased metallkonstruktsioonide kõrgtugevad poltliitekomplektid on projekteeritud vastavalt selle Euroopa standardi nõuetele. MÄRKUS 2 Kõrgtugevad konstruktsioonilised poltliitekomplektid on sobivad teraskonstruktsioonide eelpingestamiseks vastavalt standardile EN 1090-2. Kõrgtugevad konstruktsioonilised poltliitekomplektid, mis on väiksemad kui M12, ei ole kavandatud eelpingestamiseks. Kõrgtugevad konstruktsioonilised poltliitekomplektid ei ole kavandatud keevitamiseks. See standard ei hõlma raudteerööbaste kinnitusvahendeid.

EVS-EN 933-5:2022

Täitematerjalide geomeetriliste omaduste katsetamine. Osa 5: Purustatud terade protsentuaalse sisalduse määramine looduslikus jäme- ja fraktsioneerimata täitematerjalis
Tests for geometrical properties of aggregates - Part 5: Determination of percentage of crushed particles in coarse and all-in natural aggregates

See dokument kirjeldab etalonmeetodit, mida kasutatakse tüübikatsetustel ja vaidluste korral looduslike jämetäitematerjalide ja fraktsioneerimata täitematerjalide purustatud terade, täielikult purustatud terade ja täielikult ümardunud terade protsentuaalse sisalduse määramiseks. Teistel eesmärkidel, näiteks tehase tootmisohjel, võib kasutada teisi meetodeid, eeldusel et asjakohane toimiv seos etalonmeetodiga on tõestatud. MÄRKUS 1 Täiendatud katsemeetodite näited võib leida kirjanduse loetelust. Seda dokumenti kasutatakse jämetäitematerjali puhul terasuurusega 4/63 mm. Dokumenti ei kasutata kergtäitematerjalide puhul. MÄRKUS 2 4 mm kuni 20 mm läbimõõduga jämetäitematerjali puhul on purustatud pindadega terade sisaldus seotud voolavusteguriga. Seetõttu võib seda (purustatud pindade) näitajat kasutada seoses standardi EN 933-6 katse¬meetodiga. Jaotis 7.1 kirjeldab menetlust ühest fraktsioonist koosnevate katseproovide jaoks ja jaotis 7.2 kirjeldab menetlust kahest või enamast fraktsioonist koosnevate katseproovide jaoks. Juhised umbes 100 terast koosneva eri suurusega fraktsioonide hinnangulise massi kohta on toodud teatmelisas A. Katsemenetluse näited ja katseandmete registreerimislehe näide on toodud teatmelisades B ja C.

EVS-ISO 28000:2022

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

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

STANDARDIPEALKIRJADE MUUTMINE

Selles jaotises avaldame infot Eesti standardite eesti- ja ingliskeelsete pealkirjade muutmise kohta ja ingliskeelsete pealkirjade tõlkimise kohta.
Lisainformatsioon või ettepanekud standardipealkirjade ebatäpsustest enquiry@evs.ee.

Dokumendi tähis	Muudetav pealkiri	Uus pealkiri
EVS-EN 14399-1:2015	Eelpingestatud kõrgtugevad ehituslikud poltliited. Osa 1: Üldnõuded	Konstruktsioonilised eelpingestatavad kõrgtugevad poldikomplektid. Osa 1: Üldnõuded

UUED EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
CEN/TR 12566-5:2008	Small wastewater treatment systems up to 50 PT - Part 5: Pre-treated Effluent Filtration systems	Reovee väikepuhastid kuni 50 IE. Osa 5: Eelkäideldud heitvee filtersüsteemid
EVS-EN 12390-17:2019	Testing hardened concrete - Part 17: Determination of creep of concrete in compression	Kivistunud betooni katsetamine Osa 17: Betooni roome määramine survel
EVS-EN 12390-18:2021	Testing hardened concrete - Part 18: Determination of the chloride migration coefficient	Kivistunud betooni katsetamine. Osa 18: Kloriidi migratsiooniteguri määramine

UUED HARMONEERITUD STANDARDID

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

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

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

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

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

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

Info esitatakse vastavate õigusaktide kaupa.

Direktiiv 2014/53/EL
Raadioseadmed
(Komisjoni rakendusotsus (EL) 2022/2191, EL Teataja L 289/7)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse	Direktiivi 2014/53/EL artikkel
EVS-EN 300 422-1 V2.2.1:2021 Raadiomikrofonid; Audio PMSE kuni 3 GHz; Osa 1. Audio PMSE kuni 3 GHz; Raadiospektrile juurdepääsu harmoneeritud standard	11.11.2022			
EVS-EN 300 674-2-1 V3.1.1:2022 Transpordi ja liikluse telemaatika (TTT); Raadiosagedusalas 5795 MHz kuni 5815 MHz töötavad sihtotstarbelise lähitoimeside (DSRC) edastusseadmed (500 kbit/s / 250 kbit/s); Osa 2. Raadiospektrile juurdepääsu harmoneeritud standard; Osa 2-1. Nõuded maantee infrastruktuuri seadmetele (RSU)	11.11.2022			
EVS-EN 301 025 V2.3.1:2021 Üldside VHF raadiotelefoniseadmed ja klassi D digitaalselektiivväljakutse (DSC) lisaseadmed; Raadiospektrile juurdepääsu ja hädaabiteenuste funktsioonide harmoneeritud standard	11.11.2022			
EVS-EN 301 489-12 V3.2.1:2021 Raadioseadmete ja raadiosideteenistuste elektromagnetilise ühilduvuse (EMC) standard; Osa 12. Eritingimused väga väikese apertuuriga satelliitantenniga terminalidele, sagedusvahemikus 4 GHz kuni 30 GHz töötavad paikse satelliitside (FSS) interaktiivsed maajaamad; Elektromagnetilise ühilduvuse harmoneeritud standard Märkus: Selle harmoneeritud standardi järgimine ei anna alust eeldada vastavust direktiivi 2014/53/EL artikli 3 lõike 1 punktis b sätestatud olulisele nõudele, kui kohaldatakse mõnda standardis ETSI EN 301489–1 (V2.2.3) (11–2019) sätestatud lubatud hälvet, millele on käesolevas harmoneeritud standardis viidatud kui normatiivsele viitele [1].	11.11.2022			

EVS-EN 301 489-20 V2.2.1:2021 Raadioseadmete ja raadiosideteenistuste elektromagnetilise ühilduvuse (EMC) standard; Osa 20. Eritingimused liikuvas satelliitsides (MSS) kasutatavatele liikuvatele maajaamadele (MES); Elektromagnetilise ühilduvuse harmoneeritud standard Märkus: Selle harmoneeritud standardi järgimine ei anna alust eeldada vastavust direktiivi 2014/53/EL artikli 3 lõike 1 punktis b sätestatud olulisele nõudele, kui kohaldatakse mõnda standardis ETSI EN 301489–1 (V2.2.3) (11–2019) sätestatud lubatud hälvet, millele on käesolevas harmoneeritud standardis viidatud kui normatiivsele viitele [1].	11.11.2022		
EVS-EN 301 489-52 V1.2.1:2021 Elektromagnetilise ühilduvuse (EMC) standard raadioseadmetele ja teenustele; Osa 52. Eritingimused kärgside liikuvatele ja kantavatele (UE) raadioseadmetele ja lisaseadmetele; Elektromagnetilise ühilduvuse harmoneeritud standard Märkus: Selle harmoneeritud standardi järgimine ei anna alust eeldada vastavust direktiivi 2014/53/EL artikli 3 lõike 1 punktis b sätestatud olulisele nõudele, kui kohaldatakse mõnda standardis ETSI EN 301489–1 (V2.2.3) (11–2019) sätestatud lubatud hälvet, millele on käesolevas harmoneeritud standardis viidatud kui normatiivsele viitele [1].	11.11.2022		
EVS-EN 301 908-10 V4.3.1:2021 IMT kärgsidesidevõrgud; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 10. Kolmanda põlvkonna mobiilsidevõrgu IMT-2000 baasjaamad (BS), repiiterid ja kasutajaseadmed (UE)	11.11.2022		
EVS-EN 301 908-13 V13.2.1:2022 IMT kärgsidevõrgud; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 13. E-UTRA kasutajaseadmed (UE) Märkus: Selle harmoneeritud standardi järgimine ei anna alust eeldada vastavust direktiivi 2014/53/EL artikli 3 lõikes 2 sätestatud olulisele nõudele, kui selle harmoneeritud standardi punkti 4.2.2 kohaldamisel kohaldatakse lubatud hälbeid, mis on suuremad kui 2 dB.	11.11.2022	EN 301 908-13 V13.1.1	10.05.2024
EVS-EN 303 213-5-2 V1.1.1:2022 Lennuvälja maapealse liikluse täiustatud juhtimis- ja juhendamissüsteem (A-SMGCS); Osa 5. Raadiospektrile juurdepääsu harmoneeritud standard multilateraalse seiresüsteemi (MLAT) seadmetele; Alajaotus 2. Tugijaamad- ja maapealsete sõidukite saatjad	11.11.2022		
EVS-EN 303 345-2 V1.2.1:2021 Raadioringhäälingu vastuvõtjad; Osa 2. AM raadioringhäälingu vastuvõtjad; Raadiospektrile juurdepääsu harmoneeritud standard	11.11.2022		
EVS-EN 303 345-5 V1.2.1:2021 Raadioringhäälingu vastuvõtjad; Osa 5. DRM raadioringhäälingu vastuvõtjad; Raadiospektrile juurdepääsu harmoneeritud standard Märkus: Selle harmoneeritud standardi järgimine ei anna alust eeldada vastavust direktiivi 2014/53/EL artikli 3 lõikes 2	11.11.2022		

sätestatud olulisele nõudele seoses soovimatu kiirgusega kõrvalsageduse alas, kui punkti 4.4.3 kohaldamisel tehakse omal äranägemisel katseid või ei tehta katseid, et mõõta kiirguse taset kõrvalsageduse alas.	
EVS-EN 303 347-1 V2.1.1:2021 Ilmaradarid; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 1. Ilmaradar, mis töötab sagedusvahemikus 2700 MHz kuni 2900 MHz (S sagedusribas)	11.11.2022
EVS-EN 303 347-2 V2.1.1:2021 Ilmaradarid; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 2. Ilmaradar, mis töötab sagedusvahemikus 5250 MHz kuni 5850 MHz (C sagedusribas)	11.11.2022
EVS-EN 303 347-3 V2.1.1:2021 Ilmaradarid; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 3. Ilmaradar, mis töötab sagedusvahemikus 9300 MHz kuni 9500 MHz (X sagedusribas)	11.11.2022
EVS-EN 303 363-1 V1.1.1:2022 Lennujuhtimise seire sekundaarradarid (SSR); Raadiospektrile juurdepääsu harmoneeritud standard; Osa 1. SSR päringusaatjad	11.11.2022

ASUTATUD JA TEGEVUSE LÕPETANUD KOMITEED

EVS/TK 81 asutamine

Komitee tähis: EVS/TK 81
Komitee nimi: Biotsiidsete ja antimikroobsete omadustega desinfektantide ja pindade testmeetodid
Komitee asutamise kuupäev: 14.11.2022
Komitee käsitlusala: Biotsiidsete ja antimikroobsete omadustega desinfektantide ja pindade mikroobivastase tõhususe hindamine ning nende antimikroobsuse hindamine reaalkasutuse tingimustes. Komitee käsitlusala standardid on rakendatavad tervishoius, veterinaarias, põllumajanduses, toidutööstuses, koduses kasutuses. Komitee ei käsitle biotsiidsete ja antimikroobsete omadustega desinfektantide ja pindade toksikoloogilist hindamist..
Komitee esimees: Angela Ivask
EVS koordinaator Liis Tambek (liis@evs.ee)