EVS Teataja

Avaldatud 01.12.2022

Uued Eesti standardid

Standardikavandite **arvamusküsitlus**

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite **tõlked kommenteerimisel**

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

Ilmub alates 1993. aastast

ISSN 2806-1802

SISUKORD

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

CEN ISO/IEC/TS 27006-2:2022

Requirements for bodies providing audit and certification of information security management systems - Part 2: Privacy information management systems (ISO/IEC TS 27006-2:2021)

This document specifies requirements and provides guidance for bodies providing audit and certification of a privacy information management system (PIMS) according to ISO/IEC 27701 in combination with ISO/IEC 27001, in addition to the requirements contained within ISO/IEC 27006 and ISO/IEC 27701. It is primarily intended to support the accreditation of certification bodies providing PIMS certification. The requirements contained in this document need to be demonstrated in terms of competence and reliability by anybody providing PIMS certification, and the guidance contained in this document provides additional interpretation of these requirements for any body providing PIMS certification. NOTE This document can be used as a criteria document for accreditation, peer assessment or other audit processes.

Keel: en
Alusdokumendid: CEN ISO/IEC/TS 27006-2:2022; ISO/IEC TS 27006-2:2021

EVS-EN 17666:2022

Maintenance - Maintenance engineering - Requirements

This document specifies the maintenance engineering discipline throughout the entire life cycle. This document gives guidance on how maintenance engineering can contribute to the assurance of required dependability to achieve a sustainable balance between performance, risk and costs. This document refers to standards that further describe detailed methods and techniques. This document does not give guidance on how to set up systems and infrastructure for maintenance engineering nor does it include guidance on software maintenance. NOTE 1 For software components of an item, the maintenance activities are covered in ISO/IEC/IEEE 14764 [54]. NOTE 2 The overall maintenance process is covered by EN 17007 [10].

Keel: en
Alusdokumendid: EN 17666:2022

EVS-EN ISO 22361:2022

Security and resilience - Crisis management - Guidelines (ISO 22361:2022)

This document provides guidance on crisis management to help organizations plan, establish, maintain, review and continually improve a strategic crisis management capability. This guidance can help any organization to identify and manage a crisis. Elements for consideration include: — context, core concepts, principles and challenges (see Clause 4); — developing an organization's crisis management capability (see Clause 5); — crisis leadership (see Clause 6); — the decision-making challenges and complexities facing a crisis team in action (see Clause 7); — crisis communication (see Clause 8); — training, validation and learning from crises (see Clause 9). It is applicable to top management with strategic responsibilities for the delivery of a crisis management capability in any organization. It can also be used by those who operate under the direction of top management. This document acknowledges the relationship and interdependencies with various disciplines but is distinct from these topics.

Keel: en
Alusdokumendid: ISO 22361:2022; EN ISO 22361:2022
Asendab dokumenti: CEN/TS 17091:2018

11 TERVISEHOOLDUS

EVS-EN IEC 61010-2-101:2022

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-101: Ohutusnõuded in vitro diagnostilistele (IVD) meditsiiniseadmetele
Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-101: Safety requirements for in vitro diagnostic (IVD) medical equipment

IEC 61010-2-101:2018 applies to equipment intended for in vitro diagnostic (IVD) medical purposes, including self-test IVD medical purposes. It has the status of a group safety publication, as specified in IEC Guide 104. This document has been prepared in close collaboration with Working Group CENELEC BTTF 88.1. 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: - adaptation of changes introduced by Amendment 1 of IEC 61010-1; - added tolerance for stability of AC voltage test equipment to Clause 6. This Part 2-101 is intended to be used in conjunction with IEC 61010-1.

Keel: en
Alusdokumendid: IEC 61010-2-101:2018; EN IEC 61010-2-101:2022
Asendab dokumenti: EVS-EN 61010-2-101:2017

EVS-EN IEC 61010-2-101:2022/A11:2022

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-101: Ohutusnõuded in vitro diagnostilistele (IVD) meditsiiniseadmetele
Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-101: Safety requirements for in vitro diagnostic (IVD) medical equipment

The scope of the Amendment is the same as EN 61010-2-101:2017. It applies to equipment intended for in vitro diagnostic (IVD) medical purposes, including self-test IVD medical purposes.

Keel: en
Alusdokumendid: EN IEC 61010-2-101:2022/A11:2022
Muudab dokumenti: EVS-EN IEC 61010-2-101:2022

EVS-EN IEC 61010-2-101:2022+A11:2022

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-101: Ohutusnõuded in vitro diagnostilistele (IVD) meditsiiniseadmetele
Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-101: Safety requirements for in vitro diagnostic (IVD) medical equipment (IEC 61010-2-101:2018)

This part of IEC 61010 provides particular safety requirements to equipment intended for in vitro diagnostic (IVD) medical purposes, including self-test IVD medical purposes. It is intended to be used in conjunction with the manufacturer's risk management but not to replace it. NOTE 1 A good design practice of an equipment starts from the beginning with a risk management process according to ISO 14971, which provides requirement and guidance for a comprehensive risk management process and identifies hazards and risks related with the equipment. IVD medical equipment, whether used alone or in combination, is intended by the manufacturer to be used in vitro for the examination of specimens, including blood and tissue samples, derived from the human body, solely or principally for the purpose of providing information concerning one or more of the following: • a physiological or pathological state; or • a congenital abnormality; • the determination of safety and compatibility with potential recipients; • the monitoring of therapeutic measures. Self-test IVD medical equipment is intended by the manufacturer for use by lay persons in a home environment. NOTE 2 A system, as specified by its manufacturer, is a combination of items of equipment, at least one of these is inter-connected to another item. In the following text the term equipment is used for single equipment and systems. It is possible that all or part of the equipment falls within the scope of one or more other Part 2 standards of IEC 61010 as well as within the scope of this document. In that case, the requirements of those other Part 2 standards will also apply.

Keel: en
Alusdokumendid: IEC 61010-2-101:2018; EN IEC 61010-2-101:2022; EN IEC 61010-2-101:2022/A11:2022
Konsolideerib dokumenti: EVS-EN IEC 61010-2-101:2022
Konsolideerib dokumenti: EVS-EN IEC 61010-2-101:2022/A11:2022

EVS-EN ISO 10993-2:2022

Biological evaluation of medical devices - Part 2: Animal welfare requirements (ISO 10993-2:2022)

This document specifies the minimum requirements to be satisfied to ensure and demonstrate that proper provision has been made for the welfare of animals used in animal tests to assess the biocompatibility of materials used in medical devices. It is aimed at those who commission, design and perform tests or evaluate data from animal tests undertaken to assess the biocompatibility of materials intended for use in medical devices, or that of the medical devices themselves. This document makes recommendations and offers guidance intended to facilitate future further reductions in the overall number of animals used, refinement of test methods to reduce or eliminate pain or distress in animals, and the replacement of animal tests by other scientifically valid means not requiring animal tests. This document applies to tests performed on living vertebrate animals, other than man, to establish the biocompatibility of materials or medical devices. This document does not apply to tests performed on invertebrate animals and other lower forms; nor (other than with respect to provisions relating to species, source, health status, and care and accommodation) does it apply to testing performed on isolated tissues and organs taken from vertebrate animals that have been euthanized.

Keel: en
Alusdokumendid: ISO 10993-2:2022; EN ISO 10993-2:2022
Asendab dokumenti: EVS-EN ISO 10993-2:2006

EVS-EN ISO 8872:2022

Aluminium caps and aluminium/plastic caps for infusion bottles and injection vials - General requirements and test methods (ISO 8872:2022)

This document specifies general requirements and test methods for aluminium caps and aluminium/plastic caps intended for use on infusion bottles and/or injection vials.

Keel: en
Alusdokumendid: ISO 8872:2022; EN ISO 8872:2022
Asendab dokumenti: EVS-EN ISO 8872:2004

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 17020-1:2022

Extended application of test results on durability of self-closing for fire resistance and/or smoke control doorsets and openable windows - Part 1: Durability of self-closing of hinged and pivoted steel doorsets

This document covers single and double leaf, hinged and pivoted, steel based doorsets as covered by EN 15269-2 and/or EN 15269-20. This document prescribes the methodology for extending the application of test results obtained from durability of self-closing test(s) conducted in accordance with EN 1191 and or EN 12605:2000, as appropriate. Subject to the completion of the appropriate durability of self-closing test(s), the extended application can cover all or some of the following non-exhaustive list: - door leaf; - side, transom and/or overpanels; - ventilation grilles and/or louvres; - wall or ceiling fixed parts or items of the doorset, e.g. frame or suspensions systems; - glazing for door leaf, side, transom and flush over panels; - items of building hardware; - decorative finishes; - intumescent strips, smoke, draught or acoustic seals; - alternative supporting construction(s).

Keel: en
Alusdokumendid: EN 17020-1:2022

EVS-EN 60335-2-8:2015/A11:2022

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-8: Erinõuded pardlitele, juukselõikusmasinatele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances

Amendment to EN 60335-2-8:2015

Keel: en
Alusdokumendid: EN 60335-2-8:2015/A11:2022
Muudab dokumenti: EVS-EN 60335-2-8:2015

EVS-EN 60335-2-8:2015/A12:2022

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-8: Erinõuded pardlitele, juukselõikusmasinatele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances

This standard deals shavers, hair clippers and similar appliances for domestic use

Keel: en
Alusdokumendid: EN 60335-2-8:2015/A12:2022
Muudab dokumenti: EVS-EN 60335-2-8:2015
Muudab dokumenti: EVS-EN 60335-2-8:2015/A2:2022

EVS-EN 60335-2-8:2015/A2:2022

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-8: Erinõuded pardlitele, juukselõikusmasinatele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances

This standard deals shavers, hair clippers and similar appliances for domestic use

Keel: en
Alusdokumendid: IEC 60335-2-8:2012/A2:2018; EN 60335-2-8:2015/A2:2022
Muudab dokumenti: EVS-EN 60335-2-8:2015

EVS-EN IEC 62232:2022

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

IEC 62232:2022 addresses the evaluation of RF field strength, power density and specific absorption rate (SAR) levels in the vicinity of base stations (BS), also called products or equipment under test (EUT), intentionally radiating in the radio frequency (RF) range 110 MHz to 300 GHz in accordance with the scope, see Clause 1. It does not address the evaluation of current density. RF exposure evaluation methods to be used for product compliance, product installation compliance and in-situ RF exposure assessments are specified in this document. Exposure limits are not specified in this document. The entity conducting RF exposure assessments refers to the set of exposure limits applicable where exposure takes place. Examples of applicable exposure limits considered in this document are provided in the Bibliography, for example ICNIRP-2020 [1], ICNIRP-1998 [2], IEEE Std C95.1™-2019 [3] and Safety Code 6 [4].

Keel: en
Alusdokumendid: IEC 62232:2022; EN IEC 62232:2022
Asendab dokumenti: EVS-EN 62232:2017

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN IEC 62232:2022

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

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Keel: en
Alusdokumendid: IEC 62232:2022; EN IEC 62232:2022
Asendab dokumenti: EVS-EN 62232:2017

EVS-EN ISO 23131:2022

Ellipsometry - Principles (ISO 23131:2021)

This document specifies a method for determining optical and dielectric constants in the UV-VIS-NIR spectral range as well as layer thicknesses in the field of at-line production control, quality assurance and material development through accredited test laboratories. It is applicable to stand-alone measuring systems. The presentation of the uncertainty of results conforms to ISO/IEC Guide 98-3.

Keel: en
Alusdokumendid: ISO 23131:2021; EN ISO 23131:2022

19 KATSETAMINE

EVS-EN IEC 61010-2-101:2022

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-101: Ohutusnõuded in vitro diagnostilistele (IVD) meditsiiniseadmetele
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Keel: en
Alusdokumendid: IEC 61010-2-101:2018; EN IEC 61010-2-101:2022
Asendab dokumenti: EVS-EN 61010-2-101:2017

EVS-EN IEC 61010-2-101:2022/A11:2022

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-101: Ohutusnõuded in vitro diagnostilistele (IVD) meditsiiniseadmetele
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Keel: en
Alusdokumendid: EN IEC 61010-2-101:2022/A11:2022
Muudab dokumenti: EVS-EN IEC 61010-2-101:2022

EVS-EN IEC 61010-2-101:2022+A11:2022

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-101: Ohutusnõuded in vitro diagnostilistele (IVD) meditsiiniseadmetele
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process and identifies hazards and risks related with the equipment. IVD medical equipment, whether used alone or in combination, is intended by the manufacturer to be used in vitro for the examination of specimens, including blood and tissue samples, derived from the human body, solely or principally for the purpose of providing information concerning one or more of the following: • a physiological or pathological state; or • a congenital abnormality; • the determination of safety and compatibility with potential recipients; • the monitoring of therapeutic measures. Self-test IVD medical equipment is intended by the manufacturer for use by lay persons in a home environment. NOTE 2 A system, as specified by its manufacturer, is a combination of items of equipment, at least one of these is inter-connected to another item. In the following text the term equipment is used for single equipment and systems. It is possible that all or part of the equipment falls within the scope of one or more other Part 2 standards of IEC 61010 as well as within the scope of this document. In that case, the requirements of those other Part 2 standards will also apply.

Keel: en
Alusdokumendid: IEC 61010-2-101:2018; EN IEC 61010-2-101:2022; EN IEC 61010-2-101:2022/A11:2022
Konsolideerib dokumenti: EVS-EN IEC 61010-2-101:2022
Konsolideerib dokumenti: EVS-EN IEC 61010-2-101:2022/A11:2022

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 12067-2:2022

Safety and control devices for burners and appliances burning gaseous or liquid fuels - Control functions in electronic systems - Part 2: Fuel/air ratio control/supervision of the electronic type

EN 13611:2019, Clause 1 is replaced by the following: This document specifies the safety, design, construction and performance requirements, and testing for electronic fuel/air ratio control systems (ERC), electronic fuel/air ratio supervision systems (ERS) and electronic fuel/air ratio trim systems (ERT) intended for use with burners and appliances burning gaseous or liquid fuels. It also describes the procedures for evaluating these requirements and specifies information necessary for installation and use. This document is applicable to: - closed loop fuel/air ratio control systems, see 3.101; - fuel/air ratio supervision systems, see 3.102; - closed loop fuel/air ratio trim systems, see 3.103; and does not differentiate into classification by heat input. NOTE The documents for burners, appliances or processes which use ERC, ERS or ERT can override the requirements of this document.

Keel: en
Alusdokumendid: EN 12067-2:2022
Asendab dokumenti: EVS-EN 12067-2:2004

EVS-EN 1643:2022

Safety and control devices for burners and appliances burning gaseous and/or liquid fuels - Valve proving systems for automatic shut-off valves

EN 13611:2019, Clause 1 is replaced by following: This document specifies the safety, design, construction and performance requirements, and testing for valve-proving systems, hereafter referred to as “VPS”, intended for use with gas burners and gas-burning appliances burning one or more gaseous fuels. This document applies to all types of VPS used for the automatic detection of leakage in a gas burner section having at least two automatic shut-off valves, and which give a signal if the leakage of one of the valves, the piping in-between the valves or of the VPS itself and its components exceeds the detection limit. This document applies to VPS for gases with a maximum inlet pressure up to and including 500 kPa. This document does not apply to VPSs for use in explosive atmospheres. This document is applicable to AC and DC supplied VPS (for VPS supplied by stand-alone battery system, battery systems for mobile applications, or VPS which are intended to be connected to DC supply networks, see Annex I).

Keel: en
Alusdokumendid: EN 1643:2022
Asendab dokumenti: EVS-EN 1643:2014

EVS-EN ISO 10497:2022

Testing of valves - Fire type-testing requirements (ISO 10497:2022)

This document specifies fire type-testing requirements and a fire type-test method for soft- and metal-seated isolation valves with one or more obturators. It is not applicable to the testing requirements for valve actuators other than manually operated gearboxes or similar mechanisms when these form part of the normal valve assembly. Other types of valve actuators (e.g. electrical, pneumatic or hydraulic) can need special protection to operate in the environment considered in this valve test, and the fire testing of such actuators is outside the scope of this document. This document specifies the measurement and assessment criteria for: a) through-seat leakage; b) external leakage; c) cavity overpressure relief of double-seated valves; d) operability. This document specifies the rules whereby the fire-type testing qualification for a valve can be extended to untested sizes, pressure ratings and materials of construction of the same basic design type. Fire test reports of valves tested according to previous editions of this document are acceptable when submitted together with the full and compliant fire test report as per 6.7 of the edition under which it was tested. Any data missing as required from 6.7 within the fire test report are accepted or rejected at the purchaser’s discretion. NOTE For the purposes of this document, the terms “fire type-test” and “fire test” are synonymous.

Keel: en
Alusdokumendid: ISO 10497:2022; EN ISO 10497:2022
Asendab dokumenti: EVS-EN ISO 10497:2010

EVS-EN ISO 1179-2:2022

Connections for general use and fluid power - Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing - Part 2: Heavy-duty (S series) and light-duty (L series) stud ends with elastomeric sealing (type E) (ISO 1179-2:2022)

This document specifies the dimensions, performance requirements and test procedures for heavy-duty (S series) and light-duty (L series) stud ends with threads, and the elastomeric sealing (type E) that is used with them as defined in ISO 228-1. Heavy-duty (S series) stud ends with type E sealing in accordance with this document can be used at working pressures up to 63 MPa (630 bar). Light-duty (L series) stud ends with type E sealing in accordance with this document can be used at working pressures up to 25 MPa (250 bar). The permissible working pressure depends upon size, materials, design, working conditions, application, etc. This document is applicable to connectors detailed in ISO 8434-1, ISO 8434-2 and ISO 8434-6. NOTE The Introduction gives recommendations for ports and stud ends to be used for new designs in hydraulic and pneumatic fluid power applications.

Keel: en
Alusdokumendid: ISO 1179-2:2022; EN ISO 1179-2:2022
Asendab dokumenti: EVS-EN ISO 1179-2:2013

25 TOOTMISTEHNOLOOGIA

EVS-EN IEC 62714-2:2022

Engineering data exchange format for use in industrial automation systems engineering - Automation markup language - Part 2: Semantics libraries

The IEC 62714 series specifies an engineering data exchange format for use in industrial automation systems. This part of IEC 62714 specifies normative as well as informative AML libraries for the modelling of engineering information for the exchange between engineering tools in the plant automation area by means of AML. Moreover, it presents additional user defined libraries as an example. Its provisions apply to the export/import applications of related tools. This part of IEC 62714 specifies AML role class libraries and AML attribute type libraries. Role classes provide semantics to AML objects, attribute types provide semantics to AML attributes. The association of role classes to AML objects or attribute types to AML attributes represent the possibility to add (also external) semantic to it. By associating a role class to an AML object or an attribute type to an AML attribute,it gets a semantic.This part of IEC 62714 does not define details of the data exchange procedure or implementation requirements for the import/export tools.

Keel: en
Alusdokumendid: IEC 62714-2:2022; EN IEC 62714-2:2022
Asendab dokumenti: EVS-EN 62714-2:2015

EVS-EN ISO 11127-6:2022

Preparation of steel substrates before application of paints and related products - Test methods for non-metallic blast-cleaning abrasives - Part 6: Determination of water-soluble contaminants by conductivity measurement (ISO 11127-6:2022)

This document specifies a method for the determination of water-soluble contaminants in non-metallic blast-cleaning abrasives by conductivity measurement. This is one of a number of parts in the ISO 11127 series dealing with the sampling and testing of non-metallic abrasives for blast-cleaning. The types of non-metallic abrasive and requirements on each are contained in the ISO 11126 series. The ISO 11126 series and the ISO 11127 series have been drafted as a coherent set of International Standards on non-metallic blast-cleaning abrasives.

Keel: en
Alusdokumendid: ISO 11127-6:2022; EN ISO 11127-6:2022
Asendab dokumenti: EVS-EN ISO 11127-6:2011

EVS-EN ISO 12153:2022

Welding consumables - Tubular-cored electrodes for gas-shielded and non-gas-shielded metal arc welding of nickel and nickel alloys - Classification (ISO 12153:2022)

This document specifies requirements for the classification of tubular-cored electrodes for metal arc welding with or without a gas shield of nickel and nickel alloys. It includes those compositions in which the nickel content exceeds that of any other element.

Keel: en
Alusdokumendid: ISO 12153:2022; EN ISO 12153:2022
Asendab dokumenti: EVS-EN ISO 12153:2012

EVS-EN ISO 14571:2022

Metallic coatings on non-metallic basis materials - Measurement of coating thickness - Micro-resistivity method (ISO 14571:2020)

This document specifies a method for non-destructive measurements of the thickness of conductive coatings on non-conductive base materials. This method is based on the principle of the sheet resistivity measurement and is applicable to any conductive coatings and layers of metal and semiconductor materials. In general, the probe has to be adjusted to the conductivity and the thickness of the respective application. However, this document focuses on metallic coatings on non-conductive base materials (e.g. copper on plastic substrates, printed circuit boards). This method is also applicable to thickness measurements of conductive

coatings on conductive base materials, if the resistivity of the coating and the base material is significantly different. However, this case is not considered in this document.

Keel: en
Alusdokumendid: ISO 14571:2020; EN ISO 14571:2022
Asendab dokumenti: EVS-EN 14571:2005

EVS-EN ISO 1461:2022

Terasele kantavad kuumtsinkpinnakatted (tükktsinkimine). Nõuded ja katsemeetodid
Hot dip galvanized coatings on fabricated iron and steel articles - Specifications and test methods (ISO 1461:2022)

See dokument spetsifitseerib üldised nõuded ja katsemeetodid kuumtsinkpinnakatetele, mis on kantud toodetud raud- ja terasdetailidele (kaasa arvatud teatud valandid) nende kastmise teel sulatsinki (mille teiste metallide sisaldus ei ületa 2 %). See dokument ei rakendu a) pidevprotsessis kuumsukeltsingitud plekk-, traat- ja punutud või keevitatud võrktoodetele; b) automaatliinil kuumsukeltsingitud torudele; c) kuumsukeltsingitud toodetele (nt kinnitid), mille kohta on olemas spetsiifilised standardid ja mis võivad sisaldada lisanõudeid või nõudeid, mis erinevad selle dokumendi nõuetest. MÄRKUS Spetsiifilised tootestandardid võivad seda kuumtsinkpinnakatteid käsitlevat dokumenti hõlmata, viidates selle numbrile või seda toote iseärasuste järgi kohandades. Eri nõudeid võidakse esitada ka nende toodete tsinkpinnakatetele, millele on kehtestatud seadusega sätestatud nõuded. See dokument ei käsitle järeltöötlust ega kuumsukeltsingitud detailide lisapinnakatteid.

Keel: en, et
Alusdokumendid: ISO 1461:2022; EN ISO 1461:2022
Asendab dokumenti: EVS-EN ISO 1461:2009

EVS-EN ISO 15615:2022

Gas welding equipment - Acetylene manifold systems for welding, cutting and allied processes - Safety requirements in high-pressure devices (ISO 15615:2022)

This document establishes the general specifications, requirements and tests for devices located on the high-pressure side of acetylene manifold systems up to 2,5 MPa (25 bar) as defined in ISO 14114. It does not apply to high-pressure piping, high-pressure flexible hoses or pressure regulators.

Keel: en
Alusdokumendid: ISO 15615:2022; EN ISO 15615:2022
Asendab dokumenti: EVS-EN ISO 15615:2013

EVS-EN ISO 16866:2022

Metallic and other inorganic coatings - Simultaneous thickness and electrode potential determination of individual layers in multilayer nickel deposits (STEP test) (ISO 16866:2020)

This document specifies a method for measuring the thickness of the individual nickel layers in electroplated multilayer nickel coatings and measuring the potential differences between the individual nickel layers in electroplated multilayer nickel coatings. The measurement of coatings or layer systems other than electroplated multilayer nickel coatings is outside the scope of this document.

Keel: en
Alusdokumendid: ISO 16866:2020; EN ISO 16866:2022
Asendab dokumenti: EVS-EN 16866:2017

EVS-EN ISO 23216:2022

Carbon based films - Determination of optical properties of amorphous carbon films by spectroscopic ellipsometry (ISO 23216:2021)

This document specifies spectroscopic ellipsometry for the determination of optical properties (refractive index n and extinction coefficient k) and the optical classification of different types of amorphous carbon films within the n-k plane. It is applicable to amorphous carbon films deposited by ionized evaporation, sputtering, arc deposition, plasma-assisted chemical vapour deposition, hot filament techniques and others. It does not apply to carbon films modified with metals or silicon, amorphous carbon films that have a gradient of composition/property in the thickness, paints and varnishes.

Keel: en
Alusdokumendid: ISO 23216:2021; EN ISO 23216:2022

EVS-EN ISO 28765:2022

Vitreous and porcelain enamels - Design of bolted steel tanks for the storage or treatment of water or municipal or industrial effluents and sludges (ISO 28765:2022)

This document specifies the requirements for the design and use of vitreous enamel coated bolted cylindrical steel tanks for the storage or treatment of water or municipal or industrial effluents and sludges. It is applicable to the design of the tank and any associated roof and gives guidance on the requirements for the design of the foundation. It is applicable where: a) the tank is cylindrical and is mounted on a load-bearing base substantially at or above ground level; b) the product of the tank diameter in metres and the wall height in metres lies within the range 5 to 500; c) the tank diameter does not exceed 100 m and the total wall height does not exceed 50 m; d) the stored material has the characteristics of a liquid, exerting a negligible frictional force on the tank wall; the stored material can be undergoing treatment as part of a municipal or industrial effluent treatment process; e) the internal pressure in the headspace above the liquid does not exceed 50 kPa and the internal partial vacuum above the liquid does not exceed 10 kPa; f) the walls of the tank are vertical; g) the floor of the tank is substantially flat at its intersection with the wall;

the floor of the tank can have a rise or fall built in to allow complete emptying of the tank contents, the slope of which does not exceed 1:100; h) there is negligible inertial and impact load due to tank filling; i) the minimum thickness of the tank shell is 1,5 mm; j) the material used for the manufacture of the steel sheets is carbon steel (tanks constructed of sheets made from aluminium or stainless steel are outside the scope of this document); k) the temperature of the tank wall during operation is within the range −50 °C to +100 °C under all operating conditions. This document also gives details of procedures to be followed during installation on site and for inspection and maintenance of the installed tank. It does not apply to chemical-reaction vessels. It does not cover resistance to fire.

Keel: en
Alusdokumendid: ISO 28765:2022; EN ISO 28765:2022
Asendab dokumenti: EVS-EN ISO 28765:2016

EVS-EN ISO 4530:2022

Vitreous and porcelain enamelled manufactured articles - Determination of resistance to heat (ISO 4530:2022)

This document specifies the basic conditions concerning the method for determining the resistance of vitreous and porcelain enamelled articles to heat. The method specified is applicable to vitreous and porcelain enamelled articles that are, in service, subjected to high temperature, for example, to some cooker components, exhaust pipe silencers, gas heating chimneys and flue pipes.

Keel: en
Alusdokumendid: ISO 4530:2022; EN ISO 4530:2022

EVS-EN ISO 6769:2022

Vitreous and porcelain enamels - Determination of surface scratch hardness according to the Mohs scale (ISO 6769:2022)

This document specifies a method of test for determining the scratch hardness of the surface of vitreous and porcelain enamels.

Keel: en
Alusdokumendid: ISO 6769:2022; EN ISO 6769:2022
Asendab dokumenti: EVS-EN 15771:2010

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12067-2:2022

Safety and control devices for burners and appliances burning gaseous or liquid fuels - Control functions in electronic systems - Part 2: Fuel/air ratio control/supervision of the electronic type

EN 13611:2019, Clause 1 is replaced by the following: This document specifies the safety, design, construction and performance requirements, and testing for electronic fuel/air ratio control systems (ERC), electronic fuel/air ratio supervision systems (ERS) and electronic fuel/air ratio trim systems (ERT) intended for use with burners and appliances burning gaseous or liquid fuels. It also describes the procedures for evaluating these requirements and specifies information necessary for installation and use. This document is applicable to: - closed loop fuel/air ratio control systems, see 3.101; - fuel/air ratio supervision systems, see 3.102; - closed loop fuel/air ratio trim systems, see 3.103; and does not differentiate into classification by heat input. NOTE The documents for burners, appliances or processes which use ERC, ERS or ERT can override the requirements of this document.

Keel: en
Alusdokumendid: EN 12067-2:2022
Asendab dokumenti: EVS-EN 12067-2:2004

EVS-EN 17669:2022

Energy Performance Contracting - Minimum requirements

Scope of the new standard(s) is to define the minimum requirements of an Energy Performance Contract between the beneficiary and the provider of an energy efficiency measure that delivers a contractually agreed level of energy efficiency improvement and other agreed energy performance criterion and meet the requirements of: - cost effectiveness in relation to the benefits generated by the energy efficiency measure (appropriateness of the EPC); - risk mitigation and risk allocation toolkit; - Eurostat and IASB requirements for statistical treatment and financial accounting; - due diligence and underwriting procedures of financial institutions and assets evaluators.

Keel: en
Alusdokumendid: EN 17669:2022

EVS-EN 298:2022

Automatic burner control systems for burners and appliances burning gaseous or liquid fuels

EN 13611:2019, Clause 1 is replaced by the following: This document specifies the safety, design, construction and performance requirements, and testing for automatic burner control systems, programming units, flame detector devices and High Temperature Operation (HTO) detectors, intended for use with gas and oil burners and gas and oil burning appliances, with or without fans and similar use. This document is applicable to automatic burner control systems that include additional functions. This document is not applicable to automatic burner control systems utilizing thermo-electric flame supervision devices. NOTE Standards for

burners, appliances or processes which use automatic burner control systems, programming units, flame detectors or HTO detectors can override the requirements of this document.

Keel: en
Alusdokumendid: EN 298:2022
Asendab dokumenti: EVS-EN 298:2012

EVS-EN 676:2020/AC:2022

Puhurpõletid gaaskütustele
Forced draught burners for gaseous fuels

This European Standard specifies the terminology, the general requirements for the construction and operation of forced draught gas burners and also the provision of control and safety devices, and the test procedure for these burners. This European Standard is applicable to: - automatic gas burners with a combustion air fan (hereinafter called "burners") and gas line components, intended for use in appliances of different types, and that are operated with gaseous fuels; - pre mixed burners and nozzle mixed burners; - single burners with a single combustion chamber; - single fuel and dual fuel burners when operating only on gas; - the gas function of dual-fuel burners designed to operate simultaneously on gaseous and liquid fuels, which, for the latter, the requirements of EN 267 also apply. This European Standard deals with all significant machine hazards, hazardous situations and events relevant to burners, when they are used as intended and under conditions of misuse which are reasonably foreseeable, see Annex J. This European Standard specifies the requirements to ensure the safety during commissioning, start-up, operation, shut-down and maintenance. This European Standard does not apply to burners specifically designed for use in industrial processes carried out on industrial premises. This European Standard deals also with the additional requirements for the burners in the scope with pressurised parts and /or firing pressurised bodies, see Annex K. This European Standard deals also with forced draught burners intended to be used with biogenous gaseous fuels, mixtures with line-conveyed gas and special gaseous fuels. This European Standard deals also with burners and their equipment to increase the total appliance efficiency, see Annex M.

Keel: en
Alusdokumendid: EN 676:2020/AC:2022
Parandab dokumenti: EVS-EN 676:2020

EVS-EN ISO 18122:2022

Solid biofuels - Determination of ash content (ISO 18122:2022)

This document specifies a method for the determination of ash content of all solid biofuels.

Keel: en
Alusdokumendid: ISO 18122:2022; EN ISO 18122:2022
Asendab dokumenti: EVS-EN ISO 18122:2015

29 ELEKTROTEHNIKA

EVS-EN 50317:2012+A1:2022

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

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

Keel: en
Alusdokumendid: EN 50317:2012; EN 50317:2012/A1:2022
Konsolideerib dokumenti: EVS-EN 50317:2012
Konsolideerib dokumenti: EVS-EN 50317:2012/A1:2022

EVS-EN 60320-3:2014/A2:2022

Appliance couplers for household and similar general purposes - Part 3: Standard sheets and gauges

Amendment to EN 60320-3:2014

Keel: en
Alusdokumendid: IEC 60320-3/AMD2 ED1; EN 60320-3:2014/A2:2022
Muudab dokumenti: EVS-EN 60320-3:2014
Muudab dokumenti: EVS-EN 60320-3:2014+A1:2021

EVS-EN IEC 60071-12:2022

Insulation co-ordination - Part 12: Application guidelines for LCC HVDC converter stations

IEC 60071-12:2022 applies guidelines on the procedures for insulation co-ordination of line commutated converter (LCC) stations for high-voltage direct current (HVDC) project, whose aim is evaluating the overvoltage stresses on the converter station equipment subjected to combined DC, AC power frequency, harmonic and impulse voltages, and determining the specified withstand voltages for equipment. This document deals only with metal-oxide surge arresters, without gaps, which are used in modern HVDC converter stations. The criteria for determining the protective levels of series and/or parallel combinations of surge arresters used to ensure optimal protection are also presented. Typical arrester protection schemes and stresses of arresters are

presented. Annex A contains examples of insulation co-ordination for LCC HVDC converters which support the concepts described in the main text, and the basic analytical techniques used.

Keel: en
Alusdokumendid: IEC 60071-12:2022; EN IEC 60071-12:2022

EVS-EN IEC 61169-4:2022

Radio-frequency connectors - Part 4: RF coaxial connectors with inner diameter of outer conductor 16 mm (0,63 in) with screw lock - Characteristic impedance 50 Ω (type 7-16)

IEC 61169-4:2008(E) provides information and rules for the preparation of detail specifications (DS) for type 7-16 R.F. coaxial connectors with screw lock. It describes the interface dimensions for general purpose grade 2 connectors, dimensional details for standard test connectors, grade 0, together with gauging information and the mandatory tests selected from QC 22000 (IEC 61169-1), applicable to all DS relating to type 7-16 connectors.

Keel: en
Alusdokumendid: IEC 61169-4:2008; EN IEC 61169-4:2022
Asendab dokumenti: EVS-HD 134.4 S2:2003

EVS-EN IEC 62196-1:2022

Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 1: General requirements

This part of IEC 62196 is applicable to EV plugs, EV socket-outlets, vehicle connectors, vehicle inlets, herein referred to as "accessories", and to cable assemblies for electric vehicles (EV) intended for use in conductive charging systems which incorporate control means, with a rated operating voltage not exceeding: - 690 V AC 50 Hz to 60 Hz, at a rated current not exceeding 250 A; - 1 500 V DC at a rated current not exceeding 800 A. These accessories and cable assemblies are intended to be installed by instructed persons (IEV 195-04-02) or skilled persons (IEV 195-04-01) only. These accessories and cable assemblies are intended to be used for circuits specified in IEC 61851 (all parts), which operate at different voltages and frequencies, and which can include extra-low voltage and communication signals. These accessories and cable assemblies are intended to be used at an ambient temperature between −30 °C and +40 °C. NOTE 1 In some countries, other requirements can apply. NOTE 2 In the following country, −35 °C applies: SE. NOTE 3 The manufacturer can enlarge the temperature range on the condition that the specified range information is provided. These accessories are intended to be connected only to cables with copper or copper-alloy conductors. The accessories covered by this document are intended for use in electric vehicle supply equipment in accordance with IEC 61851 (all parts). This document does not apply to standard plug and socket-outlets used for mode 1 and mode 2 according to IEC 61851-1:2017, 6.2. NOTE 4 In the following countries, mode 1 is not allowed: UK, US, CA, SG.

Keel: en
Alusdokumendid: IEC 62196-1:2022; EN IEC 62196-1:2022
Asendab dokumenti: EVS-EN 62196-1:2014

EVS-EN IEC 62196-2:2022

Pistikud, pistikupesad, sõidukiliidesed ja sõidukisisendid. Elektrisõidukite juhtivuslik laadimine. Osa 2: Kontaktsõrmedel ja -torukestel põhinevate vahelduvvoolutarvikute mõõtmelise ühilduvuse nõuded
Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 2: Dimensional compatibility requirements for AC pin and contact-tube accessories

This part of IEC 62196 applies to EV plugs, EV socket-outlets, vehicle connectors and vehicle inlets with pins and contact-tubes of standardized configurations, herein referred to as accessories. These accessories have a nominal rated operating voltage not exceeding 480 V AC, 50 Hz to 60 Hz, and a rated current not exceeding 63 A three phase or 70 A single phase, for use in conductive charging of electric vehicles. This document covers the basic interface accessories for vehicle supply as specified in IEC 62196-1. NOTE 1 The term "Electric road vehicles (EV)" comprises all road vehicles, including plug-in hybrid road vehicles (PHEV) that derive all or part of their energy from the rechargeable energy storage systems (RESS). These accessories are intended to be used for circuits specified in IEC 61851-1:2017, which operate at different voltages and frequencies, and which can include extra-low voltage (ELV) and communication signals. The use of these accessories for bidirectional power transfer is under consideration. This document applies to accessories to be used in an ambient temperature between -30 °C and +40 °C. NOTE 2 In the following country, other requirements regarding the lower temperature may apply: NO. NOTE 3 In the following country, −35 °C applies: SE. These accessories are intended to be connected only to cables with copper or copper-alloy conductors. Vehicle inlets and vehicle connectors described in this document are intended to be used for charging in modes 1, 2 and 3, cases B and C. The EV socket-outlets and EV plugs covered by this document are intended to be used for charging mode 3 only, case A and B. The modes and permissible connections are specified in IEC 61851-1:2017.

Keel: en
Alusdokumendid: IEC 62196-2:2022; EN IEC 62196-2:2022
Asendab dokumenti: EVS-EN 62196-2:2017

EVS-EN IEC 62196-3:2022

Pistikud, pistikupesad, sõidukiliidesed ja sõidukisisendid. Elektrisõidukite juhtivuslik laadimine. Osa 3: Kontaktsõrmedel ja -torukestel põhinevate alalisvoolu- ja vahelduvvoolu/alalisvoolu-ühendusseadiste mõõtmelise ühilduvuse nõuded

Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 3: Dimensional compatibility requirements for DC and AC/DC pin and contact-tube vehicle couplers

This part of IEC 62196 is applicable to vehicle couplers with pins and contact tubes of standardized configuration, herein also referred to as "accessories", intended for use in electric vehicle conductive charging systems which incorporate control means, with rated operating voltage and current in accordance with IEC 62196-1:2022. This document applies to high power DC interfaces and combined AC/DC interfaces of vehicle couplers that are intended for use in conductive charging systems for circuits specified in IEC 61851-1:2017 and IEC 6185123:-2. The DC vehicle connectors and inlets covered by this document are used only in charging mode 4, according to IEC 618511:2017, 6.2.4, and case C, as shown in IEC 618511:2017, Figure 3. These vehicle couplers are intended to be used for circuits specified in IEC 61851-23: - which operate at different voltages, and which can include ELV and communication signals. This document applies to the vehicle couplers to be used in an ambient temperature between -30 °C and +40 °C. NOTE 1 In some countries, other requirements may apply. NOTE 2 In the following country, −35 °C applies: SE. These vehicle couplers are intended to be connected only to cables with copper or copper-alloy conductors.

Keel: en
Alusdokumendid: IEC 62196-3:2022; EN IEC 62196-3:2022
Asendab dokumenti: EVS-EN 62196-3:2014

EVS-EN IEC 63356-1:2022

LED light source characteristics - Part 1: Data sheets

This part of IEC 63356 specifies datasheets of LED lamps and LED modules with a series of parameters per datasheet for a specific LED light source that enables interchangeability between products from different LED light source manufacturers. Compliance criteria relating to datasheet parameters in this document are covered by IEC 63220 for safety, or IEC 63221 for performance.

Keel: en
Alusdokumendid: IEC 63356-1:2022; EN IEC 63356-1:2022

EVS-EN IEC 63356-2:2022

LED light source characteristics - Part 2: Design parameters and values

This part of IEC 63356 specifies design parameters and design values of a LED light source or related interface characteristics. Note 1: Interface characteristics can cover interfaces between LED light source and luminaire/controlgear or LED light source and additional attachments. Note 2: Interfaces can be related to for example electrical, mechanical, or optical aspects. This part does not cover interchangeability between products from different LED light source manufacturers. Note 3: Interchangeability is covered by Part 1. Lamp caps and lampholders specified in the IEC 60061 series are not in the scope of this document. Compliance criteria relating to parameters in this document are covered by IEC 63220 for safety, or IEC 63221 for performance.

Keel: en
Alusdokumendid: IEC 63356-2:2022; EN IEC 63356-2:2022

EVS-HD 60269-2:2013/A1:2022

Madalpingelised sulavkaitsmed. Osa 2: Lisanõuded volitatud isikute poolt (peamiselt tööstusrakendustes) kasutatavatele sulavkaitsmetele. Kaitsmete standardsüsteemide A kuni K näited

Low-voltage fuses - Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) - Examples of standardized systems of fuses A to K

IEC 60269-2:2013 provides supplementary requirements for fuses for use by authorized persons and are generally designed to be used in installations where the fuse-links are accessible to, and may be replaced by, authorized persons only. Fuses for use by authorized persons according to the following fuse systems also comply with the requirements of the corresponding subclauses of IEC 60269-1, unless otherwise defined in this standard. This standard is divided into fuse systems, each dealing with a specific example of standardized fuses for use by authorized persons: - Fuse system A: Fuses with fuse-links with blade contacts (NH fuse system), - Fuse system B: Fuses with striker fuse-links with blade contacts (NH fuse system), - Fuse system C: Fuse-rails (NH fuse system), - Fuse system D: Fuse-bases for busbar mounting (NH fuse system), - Fuse system E: Fuses with fuse-links for bolted connections (BS bolted fuse system), - Fuse system F: Fuses with fuse-links having cylindrical contact caps (NF cylindrical fuse system), - Fuse system G: Fuses with fuse-links with offset blade contacts (BS clip-in fuse system), - Fuse system H: Fuses with fuse-links having 'gD' and 'gN' characteristic (class J and class time delay and non time delay fuse types), - Fuse system I: gU fuse-links with wedge tightening contacts, - Fuse system J: Fuses with fuse-links having 'gD class CC' and 'gN class CC' characteristics (class CC time delay and non-time delay fuse types), - Fuse system K: gK fuse-links with blade for bolted connections - High fuse-link ratings from 1 250 A up to 4 800 A (master fuse-links). This fifth edition of IEC 60269-2 cancels and replaces the fourth edition published in 2010. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: 1. fuse systems A and B: modified values for the power dissipation of NH aM fuse-links; 2. fuse systems A and B: introduction of dimension r for NH fuse-links; 3. addition of new fuse system K: gK fuse-links with contacts for bolted connections. Key Words: fuse systems A to K, requirements for fuses

Keel: en
Alusdokumendid: IEC 60269-2:2013/AMD1:2016; HD 60269-2:2013/A1:2022

Muudab dokumenti: EVS-HD 60269-2:2013

EVS-HD 60269-3:2010/A2:2022

Madalpingelised sulavkaitsmed. Osa 3: Lisanõuded tavaisikute poolt (peamiselt majapidamises ja muudel taolistel rakendustel) kasutamiseks ettenähtud kaitsmetele. Kaitsmete standardsüsteemide A kuni F näited
Low-voltage fuses - Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household or similar applications) - Examples of standardized systems of fuses A to F

Amendment to HD 60269-3:2010

Keel: en
Alusdokumendid: IEC 60269-3:2010/AMD2:2019; HD 60269-3:2010/A2:2022
Muudab dokumenti: EVS-HD 60269-3:2010

EVS-HD 60364-5-54:2011/A1:2022

Madalpingelised elektripaigaldised. Osa 5-54: Elektriseadmete valik ja paigaldamine. Maandamine ja kaitsejuhid
Low-voltage electrical installations - Part 5-54: Selection and erection of electrical equipment - Earthing arrangements and protective conductors (IEC 60364-5-54:2011/A1:2021)

Standardi EVS-HD 60364-5-54:2011 muudatus.

Keel: en, et
Alusdokumendid: HD 60364-5-54:2011/A1:2022; IEC 60364-5-54:2011/A1:2021
Muudab dokumenti: EVS-HD 60364-5-54:2011
Muudab dokumenti: EVS-HD 60364-5-54:2011+A11:2017

EVS-HD 60364-5-54:2011+A11+A1:2022

Madalpingelised elektripaigaldised. Osa 5-54: Elektriseadmete valik ja paigaldamine. Maandamine ja kaitsejuhid
Low-voltage electrical installations - Part 5-54: Selection and erection of electrical equipment - Earthing arrangements and protective conductors (IEC 60364-5-54:2011 + IEC 60364-5-54:2011/A1:2021)

Standardisarja IEC 60364 see osa käsitleb maandamist ja kaitsejuhte, sealhulgas kaitsepotentsiaali-ühtlustusjuhte elektripaigaldise ohutuse tagamise seisukohast. See dokument sisaldab ühtlasi nõudeid, mis puudutavad info- ja kommunikatsioonitehnikas kasutatavat maandamist ja potentsiaaliühtlustust eesmärgiga — vähendada elektriliste ohtude riski selliste seadiste ning info- ja kommunikatsioonitehnilise juhistiku korrektsel talitlemisel; — näha ette töökindla signaaliesitustasandiga telekommunikatsioonisüsteemid, mis võivad parandada takistust elektromagnetilistele häiretele standardi ISO/IEC 30129 kohaselt. MÄRKUS Info- ja kommunikatsioonitehnika näidete hulka kuuluvad — alalisvoolu-toitevõrgud (ja -süsteemid) ehitises paiknevate info- ja kommunikatsioonitehnikaseadmete toiteks; — tähekujulised automaat-kodukeskjaamad (private automatic branch exchanges, PABX) või nende seadmed, — kohaliku piirkonna kommunikatsioonivõrgud (local area networks, LANs), — tuletõrje- ja sissetungialarmi kommunikatsioonisüsteemid, — ehitise automatiseerimissüsteemid, nt otsesed digitaaljuhtimissüsteemid (direct digital control systems); — raaltootmissüsteemid (computer-aided manufacturing, CAM) ja muud raalipõhised teenused; — ringhäälingu- ja kommunikatsioonitehnika.

Keel: en, et
Alusdokumendid: IEC 60364-5-54:2011; IEC 60364-5-54:2011/AMD1:2021; HD 60364-5-54:2011; HD 60364-5-54:2011/A11:2017; HD 60364-5-54:2011/A1:2021
Konsolideerib dokumenti: EVS-HD 60364-5-54:2011
Konsolideerib dokumenti: EVS-HD 60364-5-54:2011/A1:2022
Konsolideerib dokumenti: EVS-HD 60364-5-54:2011/A11:2017
Konsolideerib dokumenti: EVS-HD 60364-5-54:2011+A11:2017

31 ELEKTROONIKA

EVS-EN IEC 60738-1:2022

Thermistors - Directly heated positive temperature coefficient - Part 1: Generic specification

This part of IEC 60738 describes terms and methods of test for positive step-function temperature coefficient thermistors, insulated and non-insulated types typically made from ferro-electric semi-conductor materials. It establishes standard terms, inspection procedures and methods of test for use in detail specifications for Qualification Approval and for Quality Assessment Systems for electronic components.

Keel: en
Alusdokumendid: IEC 60738-1:2022; EN IEC 60738-1:2022
Asendab dokumenti: EVS-EN 60738-1:2006
Asendab dokumenti: EVS-EN 60738-1:2006/A1:2009

EVS-EN IEC 60749-37:2022

Semiconductor devices - Mechanical and climatic test methods - Part 37: Board level drop test method using an accelerometer

IEC 60749-37:2022 provides a test method that is intended to evaluate and compare drop performance of surface mount electronic components for handheld electronic product applications in an accelerated test environment, where excessive flexure of a circuit board causes product failure. The purpose is to standardize the test board and test methodology to provide a reproducible assessment of the drop test performance of surface-mounted components while producing the same failure modes normally observed during product level test. This edition includes the following significant technical changes with respect to the previous edition: - correction of a previous technical error concerning test conditions; - updates to reflect improvements in technology.

Keel: en
Alusdokumendid: IEC 60749-37:2022; EN IEC 60749-37:2022
Asendab dokumenti: EVS-EN 60749-37:2008

EVS-EN IEC 62391-1:2022

Fixed electric double-layer capacitors for use in electric and electronic equipment - Part 1: Generic specification

IEC 62391-1:2022 applies to fixed electric double-layer capacitors (hereafter referred to as capacitors) mainly used in DC circuits of electric and electronic equipment. This part of IEC 62391 establishes standard terms, inspection procedures and methods of test for use in sectional and detail specifications of electronic components for quality assessment or any other purpose. This edition includes the following significant technical changes with respect to the previous edition: - The document has been completely restructured to comply with the ISO/IEC Directives, Part 2; a new technical categorization of test methods has been introduced and the test methods have been reorganized according to these new categories; tables, figures and references have been revised accordingly. - Calculation formula of charging/discharging efficiency in Annex D were divided into two cases: "Calculation assuming full charge and discharge" and "Calculation assuming incomplete charging and discharging due to internal resistance".

Keel: en
Alusdokumendid: IEC 62391-1:2022; EN IEC 62391-1:2022
Asendab dokumenti: EVS-EN 62391-1:2016
Asendab dokumenti: EVS-EN 62391-1:2016/AC:2016
Asendab dokumenti: EVS-EN 62391-1:2016/AC:2019

33 SIDETEHNIKA

EVS-EN IEC 63365:2022

Industrial process measurement, control and automation - Digital nameplate

IEC 63365:2022 applies to products used in the process measurement, control and automation industry. It establishes a concept and requirements for the digital nameplate and provides alternative electronically readable solutions (e.g. 2D codes, RFID or firmware) to current conventional plain text marking on the nameplate or packaging of products. The digital nameplate information is contained in the electronically readable medium affixed to the product, the packaging or accompanying documents. The digital nameplate information is available offline without Internet connection. After electronic reading, all digital nameplate information is displayed in a human readable text format. The digital nameplate also includes the Identification Link String according to IEC 61406-1 which provides additional online information for the product. This document does not specify the contents of the conventional nameplate, which are subject to regional or national regulations and standards.

Keel: en
Alusdokumendid: IEC 63365:2022; EN IEC 63365:2022

35 INFOTEHNOLOOGIA

CEN ISO/IEC/TS 27006-2:2022

Requirements for bodies providing audit and certification of information security management systems - Part 2: Privacy information management systems (ISO/IEC TS 27006-2:2021)

This document specifies requirements and provides guidance for bodies providing audit and certification of a privacy information management system (PIMS) according to ISO/IEC 27701 in combination with ISO/IEC 27001, in addition to the requirements contained within ISO/IEC 27006 and ISO/IEC 27701. It is primarily intended to support the accreditation of certification bodies providing PIMS certification. The requirements contained in this document need to be demonstrated in terms of competence and reliability by anybody providing PIMS certification, and the guidance contained in this document provides additional interpretation of these requirements for any body providing PIMS certification. NOTE This document can be used as a criteria document for accreditation, peer assessment or other audit processes.

Keel: en
Alusdokumendid: CEN ISO/IEC/TS 27006-2:2022; ISO/IEC TS 27006-2:2021

CWA 17907:2022

European Connected Factory Platform for Agile Manufacturing Interoperability (EFPFInterOp)

This CEN-CENELEC Workshop Agreement (CWA) defines a reference architecture for federating manufacturing platforms focusing on the interoperability on Service-Oriented Architecture (SOA), Protocol, Security and Data Model level. Additionally, a

reference implementation in the form of the EFPF Data Spine and associated components will be described including Best Practices identified. This CWA will not define requirements related to safety aspects.

Keel: en
Alusdokumendid: CWA 17907:2022

EVS-EN 12896-10:2022

Public transport - Reference data model - Part 10: Alternative Modes

This part of the EN12896-X series (Transmodel-Part 10) takes into account the conceptual data model for the 'new modes' (vehicle pooling, vehicle sharing, taxis, vehicle rental) elaborated within CEN TS 17413 (Models and Definitions for New Modes) and is dedicated to be amended and re- published as a reference data model for the alternative modes of transport (Part 10 of the Public Transport Reference Data Model). This new publication takes into account the revision of the conceptual model (published as CEN TS 17413) by the project team TC278 PT0303 working on the implementation of the 'new modes' model (NeTEx-Part5). EN12896-10, supplementing the series of EN12896-X, establishes the semantic reference for the alternative modes data domain and thus facilitates the integration of these modes into the overall mobility environment, in particular into multimodal travel services (e.g. trip planning systems).

Keel: en
Alusdokumendid: EN 12896-10:2022
Asendab dokumenti: CEN/TS 17413:2020

EVS-EN 15531-2:2022

Public transport - Service interface for real-time information relating to public transport operations - Part 2: Communications infrastructure

Service Interface for Real Time Information (SIRI) is a specification for an interface that allows systems running computer applications to exchange information about the planned, current or projected performance of the public transport operations. The scope of this WI is to update CEN/EN 15531-2:2015 which allows pairs of server computers to exchange structured real-time information about schedules, vehicles, and connections, together with general informational messages related to the operation of the services. The information can be used for many different purposes, for example: • To provide real time-departure from stop information for display on stops, internet and mobile delivery systems; • To provide real-time progress information about individual vehicles; • To manage the movement of buses roaming between areas covered by different servers; • To manage the synchronisation of guaranteed connections between fetcher and feeder services; • To exchange planned and real-time timetable updates; • To distribute status messages about the operation of the services; • To provide performance information to operational history and other management systems. Implementations SIRI have revealed a number of improvements and some minor enhancements necessary for a successful and uniform usage of the specification in the future. The main elements out of this work item will be: o Prepare an updated edition of the TS as a document o Update the common XSD of SIRI parts 1-5 The new work item will consider the projects of o PT companies and IT-suppliers especially in Switzerland, Germany, France, Netherlands and Sweden o Railway traffic o accessibility in public transport

Keel: en
Alusdokumendid: EN 15531-2:2022
Asendab dokumenti: EVS-EN 15531-2:2015

EVS-EN IEC 62680-4-1:2022

Universal Serial Bus interfaces for data and power - Part 4-1: Universal Serial Bus 4 ™ Specification

The specification is primarily targeted at peripheral developers and platform/adapter developers, but provides valuable information for platform operating system/BIOS/device driver, adapter independent hardware vendors/independent software vendors, and system OEMs. This specification can be used for developing new products and associated software.

Keel: en
Alusdokumendid: EN IEC 62680-4-1:2022; IEC 62680-4-1:2022

EVS-EN IEC 62714-2:2022

Engineering data exchange format for use in industrial automation systems engineering - Automation markup language - Part 2: Semantics libraries

The IEC 62714 series specifies an engineering data exchange format for use in industrial automation systems. This part of IEC 62714 specifies normative as well as informative AML libraries for the modelling of engineering information for the exchange between engineering tools in the plant automation area by means of AML. Moreover, it presents additional user defined libraries as an example. Its provisions apply to the export/import applications of related tools. This part of IEC 62714 specifies AML role class libraries and AML attribute type libraries. Role classes provide semantics to AML objects, attribute types provide semantics to AML attributes. The association of role classes to AML objects or attribute types to AML attributes represent the possibility to add (also external) semantic to it. By associating a role class to an AML object or an attribute type to an AML attribute,it gets a semantic.This part of IEC 62714 does not define details of the data exchange procedure or implementation requirements for the import/export tools.

Keel: en
Alusdokumendid: IEC 62714-2:2022; EN IEC 62714-2:2022
Asendab dokumenti: EVS-EN 62714-2:2015

EVS-EN ISO 13131:2022

Health informatics - Telehealth services - Quality planning guidelines (ISO 13131:2021)

This document provides processes that can be used to analyze the risks to the quality and safety of healthcare and continuity of care when telehealth services are used to support healthcare activities. Using risk management processes, quality objectives and procedures are derived which provide guidelines for the operations of telehealth services. These include but are not limited to the following domains: — management of telehealth quality processes by the healthcare organization; — strategic and operational process management relating to regulations, knowledge management (best practice) and guidelines; — healthcare processes relating to people such as healthcare activities, planning, and responsibilities; — management of financial resources to support telehealth services; — management of information management and security used in telehealth services; — processes related to the planning and provision of human resources, infrastructure, facilities and technology resources for use by telehealth services. This document provides a set of example guidelines containing quality objectives and procedures for each domain. Organizations can apply the quality and risk management processes described in Clauses 5 and 6 to develop quality objectives and procedures appropriate to the telehealth services they provide. This document does not provide guidance for the manufacture, assembly, configuration, interoperability or management of devices, products or technical systems. Annex A provides procedures for the implementation of telehealth services by a large organization. Annex B provides use cases for the application of quality planning guidelines in different types of real-world telehealth services.

Keel: en
Alusdokumendid: ISO 13131:2021; EN ISO 13131:2022

EVS-EN ISO/IEC 27002:2022

Information security, cybersecurity and privacy protection - Information security controls (ISO/IEC 27002:2022)

This document provides a reference set of generic information security controls including implementation guidance. This document is designed to be used by organizations: a) within the context of an information security management system (ISMS) based on ISO/IEC27001; b) for implementing information security controls based on internationally recognized best practices; c) for developing organization-specific information security management guidelines.

Keel: en
Alusdokumendid: EN ISO/IEC 27002:2022; ISO/IEC 27002:2022
Asendab dokumenti: EVS-EN ISO/IEC 27002:2017

43 MAANTEESÕIDUKITE EHITUS

EVS-EN 1493:2022

Sõidukitõstukid
Vehicle lifts

This document is applicable to stationary and mobile vehicle lifts, which are not intended to lift persons but which are designed to raise vehicles totally, for the purpose of examining and working on or under the vehicles whilst in a raised position. The vehicle lift may consist of one or more lifting units. Power supply to the vehicle lift by internal combustion engines is not considered. The floor or ground supporting the vehicle lift in use is assumed to be horizontal. This document does not exclude a person from entering a lifted vehicle on wheel supporting lifts, e.g. for special works or for periodical technical inspection, and vehicle lifts for rail-bound vehicles. This document does not contain requirements for hazards which may arise on vehicle lifts where the carrying device can be tilted. NOTE Noise does not play a role in vehicle lifts in the majority of cases and is therefore not considered in this document. This document does not apply to: - vehicle lifts movable when loaded; - equipment for power driven parking of motor vehicles (see EN 14010:2003+A1:2009). This document is applicable to vehicle lifts which are manufactured six months after the date of its publication as a European Standard.

Keel: en
Alusdokumendid: EN 1493:2022
Asendab dokumenti: EVS-EN 1493:2010

EVS-EN IEC 62196-1:2022

Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 1: General requirements

This part of IEC 62196 is applicable to EV plugs, EV socket-outlets, vehicle connectors, vehicle inlets, herein referred to as "accessories", and to cable assemblies for electric vehicles (EV) intended for use in conductive charging systems which incorporate control means, with a rated operating voltage not exceeding: - 690 V AC 50 Hz to 60 Hz, at a rated current not exceeding 250 A; - 1 500 V DC at a rated current not exceeding 800 A. These accessories and cable assemblies are intended to be installed by instructed persons (IEV 195-04-02) or skilled persons (IEV 195-04-01) only. These accessories and cable assemblies are intended to be used for circuits specified in IEC 61851 (all parts), which operate at different voltages and frequencies, and which can include extra-low voltage and communication signals. These accessories and cable assemblies are intended to be used at an ambient temperature between −30 °C and +40 °C. NOTE 1 In some countries, other requirements can apply. NOTE 2 In the following country, −35 °C applies: SE. NOTE 3 The manufacturer can enlarge the temperature range on the condition that the specified range information is provided. These accessories are intended to be connected only to cables with copper or copper-alloy conductors. The accessories covered by this document are intended for use in electric vehicle supply equipment in accordance with IEC 61851 (all parts). This document does not apply to standard plug and socket-outlets used for mode 1 and mode 2 according to IEC 61851-1:2017, 6.2. NOTE 4 In the following countries, mode 1 is not allowed: UK, US, CA, SG.

Keel: en
Alusdokumendid: IEC 62196-1:2022; EN IEC 62196-1:2022
Asendab dokumenti: EVS-EN 62196-1:2014

EVS-EN IEC 62196-2:2022

Pistikud, pistikupesad, sõidukiliidesed ja sõidukisisendid. Elektrisõidukite juhtivuslik laadimine. Osa 2: Kontaktsõrmedel ja -torukestel põhinevate vahelduvvoolutarvikute mõõtmelise ühilduvuse nõuded
Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 2: Dimensional compatibility requirements for AC pin and contact-tube accessories

This part of IEC 62196 applies to EV plugs, EV socket-outlets, vehicle connectors and vehicle inlets with pins and contact-tubes of standardized configurations, herein referred to as accessories. These accessories have a nominal rated operating voltage not exceeding 480 V AC, 50 Hz to 60 Hz, and a rated current not exceeding 63 A three phase or 70 A single phase, for use in conductive charging of electric vehicles. This document covers the basic interface accessories for vehicle supply as specified in IEC 62196-1. NOTE 1 The term "Electric road vehicles (EV)" comprises all road vehicles, including plug-in hybrid road vehicles (PHEV) that derive all or part of their energy from the rechargeable energy storage systems (RESS). These accessories are intended to be used for circuits specified in IEC 61851-1:2017, which operate at different voltages and frequencies, and which can include extra-low voltage (ELV) and communication signals. The use of these accessories for bidirectional power transfer is under consideration. This document applies to accessories to be used in an ambient temperature between -30 °C and +40 °C. NOTE 2 In the following country, other requirements regarding the lower temperature may apply: NO. NOTE 3 In the following country, −35 °C applies: SE. These accessories are intended to be connected only to cables with copper or copper-alloy conductors. Vehicle inlets and vehicle connectors described in this document are intended to be used for charging in modes 1, 2 and 3, cases B and C. The EV socket-outlets and EV plugs covered by this document are intended to be used for charging mode 3 only, case A and B. The modes and permissible connections are specified in IEC 61851-1:2017.

Keel: en
Alusdokumendid: IEC 62196-2:2022; EN IEC 62196-2:2022
Asendab dokumenti: EVS-EN 62196-2:2017

EVS-EN IEC 62196-3:2022

Pistikud, pistikupesad, sõidukiliidesed ja sõidukisisendid. Elektrisõidukite juhtivuslik laadimine. Osa 3: Kontaktsõrmedel ja -torukestel põhinevate alalisvoolu- ja vahelduvvoolu/alalisvoolu-ühendusseadiste mõõtmelise ühilduvuse nõuded
Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 3: Dimensional compatibility requirements for DC and AC/DC pin and contact-tube vehicle couplers

This part of IEC 62196 is applicable to vehicle couplers with pins and contact tubes of standardized configuration, herein also referred to as "accessories", intended for use in electric vehicle conductive charging systems which incorporate control means, with rated operating voltage and current in accordance with IEC 62196-1:2022. This document applies to high power DC interfaces and combined AC/DC interfaces of vehicle couplers that are intended for use in conductive charging systems for circuits specified in IEC 61851-1:2017 and IEC 6185123:-2. The DC vehicle connectors and inlets covered by this document are used only in charging mode 4, according to IEC 618511:2017, 6.2.4, and case C, as shown in IEC 618511:2017, Figure 3. These vehicle couplers are intended to be used for circuits specified in IEC 61851-23: - which operate at different voltages, and which can include ELV and communication signals. This document applies to the vehicle couplers to be used in an ambient temperature between -30 °C and +40 °C. NOTE 1 In some countries, other requirements may apply. NOTE 2 In the following country, −35 °C applies: SE. These vehicle couplers are intended to be connected only to cables with copper or copper-alloy conductors.

Keel: en
Alusdokumendid: IEC 62196-3:2022; EN IEC 62196-3:2022
Asendab dokumenti: EVS-EN 62196-3:2014

EVS-EN IEC 63119-2:2022

Information exchange for Electric Vehicle charging roaming service - Part 2: Use cases

The Standard specifies roaming use cases of information exchange between EV Charge Service Providers (CSP), Charging Station Operators (CSOs) and Clearing House platforms through roaming endpoints. The elementary use cases defined in this document of IEC 63119-2 are designed to support the user to have access to the EV supply equipment which doesn’t belong to the Home-CSP. IEC 63119 series are applicable to high-level communication involved in information exchange/interaction between different CSPs, as well as between a CSP and CSO with or without Clearing House platform through the roaming endpoint. IEC 63119 series do not specify the communication either between Charging Station (CS) and Charging Station Operator (CSO) or between EV and CS.

Keel: en
Alusdokumendid: IEC 63119-2:2022; EN IEC 63119-2:2022

45 RAUDTEETEHNIKA

EVS-EN 15611:2020+A1:2022

Raudteealased rakendused. Pidurdamine. Releeklapid
Railway applications - Braking - Relay valves

This document is applicable to relay valves designated to control the brake cylinder pressure of compressed air brakes fitted to railway vehicles, in association with an air brake distributor valve or other control device. It covers one stage relay valves and relay valves adjusting the brake cylinder pressure in response to a change in vehicle speed or load that is either continuously

variable or in two or more stages, i.e. empty – loaded. Relay valves operating with other pressures, in particular the brake pipe pressure, are not included. This document specifies the requirements for the design, manufacture and testing of relay valves.

Keel: en
Alusdokumendid: EN 15611:2020+A1:2022
Asendab dokumenti: EVS-EN 15611:2020

EVS-EN 50317:2012+A1:2022

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

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

Keel: en
Alusdokumendid: EN 50317:2012; EN 50317:2012/A1:2022
Konsolideerib dokumenti: EVS-EN 50317:2012
Konsolideerib dokumenti: EVS-EN 50317:2012/A1:2022

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 15083:2020/A1:2022

Väikelaevad. Pilsi pumbasüsteemid
Small craft - Bilge-pumping systems - Amendment 1 (ISO 15083:2020/Amd 1:2022)

Amendment to EN ISO 15083:2020

Keel: en
Alusdokumendid: EN ISO 15083:2020/A1:2022; ISO 15083:2020/Amd 1:2022
Muudab dokumenti: EVS-EN ISO 15083:2020

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 12312-15:2020+A1:2022

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 15: Pagasi ja seadmete veovahendid
Aircraft ground support equipment - Specific requirements - Part 15: Baggage and equipment tractors

This document specifies the technical requirements to minimize the hazards listed in Clause 4 which can arise during the commissioning, the operation and the maintenance of baggage and equipment tractors when used as intended, including misuse reasonably foreseeable by the manufacturer, when carried out in accordance with the specifications given by the manufacturer or his authorized representative. It also takes into account some requirements recognized as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies. This document applies to self-propelled baggage and equipment tractors with driver accommodation. This document does not apply to pedestrian controlled equipment. This document deals with vibrations which are considered as significant. Vibration measurements are dealt with in EN 1915-3. No extra requirements on noise are provided other than those given in EN 1915-4. NOTE EN 1915-4 provides the general GSE noise requirements. This part of EN 12312 is not applicable to baggage and equipment tractors manufactured before the date of its publication. This part of EN 12312 when used in conjunction with EN 1915-1, EN 1915-2, EN 1915-3 and EN 1915-4 provides the requirements for baggage and equipment tractors.

Keel: en
Alusdokumendid: EN 12312-15:2020+A1:2022
Asendab dokumenti: EVS-EN 12312-15:2020

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN 1493:2022

Sõidukitõstukid
Vehicle lifts

This document is applicable to stationary and mobile vehicle lifts, which are not intended to lift persons but which are designed to raise vehicles totally, for the purpose of examining and working on or under the vehicles whilst in a raised position. The vehicle lift may consist of one or more lifting units. Power supply to the vehicle lift by internal combustion engines is not considered. The floor or ground supporting the vehicle lift in use is assumed to be horizontal. This document does not exclude a person from entering a lifted vehicle on wheel supporting lifts, e.g. for special works or for periodical technical inspection, and vehicle lifts for rail-bound vehicles. This document does not contain requirements for hazards which may arise on vehicle lifts where the carrying device can be tilted. NOTE Noise does not play a role in vehicle lifts in the majority of cases and is therefore not considered in this document. This document does not apply to: - vehicle lifts movable when loaded; - equipment for power driven parking of motor vehicles (see EN 14010:2003+A1:2009). This document is applicable to vehicle lifts which are manufactured six months after the date of its publication as a European Standard.

Keel: en
Alusdokumendid: EN 1493:2022
Asendab dokumenti: EVS-EN 1493:2010

EVS-EN ISO 7623:2022

Steel cord conveyor belts - Cord-to-coating bond test - Initial test and after thermal treatment (ISO 7623:2022)

This document specifies a method for determining the bond strength of metal cords to their surrounding coating, either in the initial state or after thermal treatment. It applies exclusively to metal-carcass conveyor belts.

Keel: en
Alusdokumendid: ISO 7623:2022; EN ISO 7623:2022
Asendab dokumenti: EVS-EN ISO 7623:2015

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN 17534:2022

Textiles - Physiological effects - Measurement of liquid sweat transport and buffering

This document specifies a test method for measuring liquid sweat management properties of knitted, woven and nonwoven textile fabrics, namely buffering index, sweat transport and sweat uptake.

Keel: en
Alusdokumendid: EN 17534:2022

EVS-EN ISO 7906:2022

Leather - Tests for colour fastness - General principles of testing (ISO 7906:2022)

This document specifies general principles on colour fastness evaluation tests for leather, as listed in Annex A. Procedures included in this document are common to most of the fastness test methods. This document provides a common basis for testing and reporting colour fastness. The uses and limitations of the methods are pointed out, several terms are defined, an outline of the drafting of the methods is given and the contents of the clauses describing the methods are discussed. Procedures common to a number of the methods are discussed briefly. Colour fastness means the resistance of the colour to the different agents to which these materials can be exposed during manufacture and their subsequent use. The change in colour of leather and staining of undyed adjacent fabrics or other materials are assessed as fastness ratings. Other visible changes in the leather under test, for example surface appearance, change in gloss or shrinkage, are considered as separate properties and reported as such. The leather fastness test methods can be used not only for assessing leather and related materials, such as coated leather and leather board, but also for the eventual assessment of the colour fastness of leather dyes. When such a method is so used, the dye is applied to a specified retanned leather or crust leather in defined depths of colour by stated procedures and the material is then tested in the usual way.

Keel: en
Alusdokumendid: ISO 7906:2022; EN ISO 7906:2022

61 RÕIVATÖÖSTUS

EVS-EN ISO 19410-1:2022

Footwear sizing - Inshoe measurement - Part 1: Shoe length (ISO 19410-1:2022)

This document specifies a method for measuring the effective shoe length to accommodate the foot. This document is not applicable to heel and toe open shoes (example: sandals).

Keel: en
Alusdokumendid: ISO 19410-1:2022; EN ISO 19410-1:2022

65 PÕLLUMAJANDUS

EVS-EN 12580:2022

Soil improvers and growing media - Determination of a quantity

This document specifies methods for the determination of a quantity of soil improvers and growing media in bulk and in packages. This method is designed with an appropriate precision level so that it can be used to validate any quantity determination made. This document is applicable to material in any form, reconstituted if necessary, but not to plugs, blocks and slabs sold as such by dimension; for these, see EN 15761. This document is not applicable for material with more than 10 % (V/V) of particles greater than 60 mm in size; for these, see EN 15238. The requirements of this document might differ from the national legal requirements for the determination of the products concerned. Material which has become excessively wet and which cannot be easily broken down into a flowable material will not be suitable for the determination of quantity and might not give a representative result. However, because of the diverse nature and bulk density of these materials, it is not possible to quantify what is ‘excessive’. This document is intended to be used by manufacturers, buyers and enforcement agencies in verifying claims made for these products.

Keel: en
Alusdokumendid: EN 12580:2022
Asendab dokumenti: EVS-EN 12580:2013

EVS-EN 15238:2022

Soil improvers and growing media - Determination of quantity for materials with particle size greater than 60 mm

This document specifies a method for the determination of quantity of soil improvers and growing media in bulk and in packages. This method is designed with an appropriate precision level so that it can be used to validate any quantity determination made. This document is applicable to material in any form, reconstituted if necessary, but not to plugs, blocks and slabs sold as such by dimension; for these, see EN 15761. This document applies to material that is in solid form, but not in block form to be sold by dimension, and which exceeds the particle size restriction in EN 12580 and where the declared nominal particle size is greater than 60 mm.

Keel: en
Alusdokumendid: EN 15238:2022
Asendab dokumenti: EVS-EN 15238:2007
Asendab dokumenti: EVS-EN 15238:2007/AC:2009

EVS-EN ISO 24197:2022

Vapour products - Determination of e-liquid vaporised mass and aerosol collected mass (ISO 24197:2022)

This document specifies a method of measurement of the masses of e-liquid vaporised and the aerosol collected from vapour product(s). It does not specify the vapour product(s), the vapour product(s) operational settings or, e-liquid to be used. NOTE Application of this document can be required as a preliminary step for subsequent analyses.

Keel: en
Alusdokumendid: ISO 24197:2022; EN ISO 24197:2022

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 16923:2022

Foodstuffs - Determination of T-2 toxin and HT-2 toxin in cereals and cereal products for infants and young children by SPE clean up and HPLC-MS/MS

This document describes a method for the determination of T-2 toxin and HT-2 toxin in cereals and cereal-based products, e.g. oats, intended for nutrition of infants and young children by high performance liquid chromatography (HPLC) coupled with tandem mass spectrometry (MS/MS) after cleanup by solid phase extraction (SPE) [5]. The method has been validated for HT-2 toxin in oat flour at levels of 9,3 µg/kg and 28,1 µg/kg, oat flakes at levels of 16,5 µg/kg and 21,4 µg/kg, and breakfast cereals (containing oat flakes) at a level of 8,1 µg/kg and for T-2 toxin in oat flour at levels of 4,4 µg/kg and 8,3 µg/kg, oat flakes at levels of 4,9 µg/kg and 6,6 µg/kg and breakfast cereals (containing oat flakes) at a level of 3,5 µg/kg. Laboratory experiences [6] have shown that the method is also applicable to highly swelling materials (dry cereal-based porridges and modified starches), but these were not examined in the method validation study. Details are outlined in 7.3. The method can also be applied to oat-by-products at higher levels of T-2- and HT-2 toxin. In this case, the dilution steps need to be considered [6]. The method can also be applied to cereals and cereal products for infants and young children based on e.g. wheat, barley and rice. In this case, the method needs to be in-house-validated for each material. At the time of the interlaboratory study, planned range was 10 µg/kg to 100 µg/kg, and it is known from the pre-study that the method works well in the whole range, although final validation was only done in the range from 3,5 µg/kg to 28,1 µg/kg.

Keel: en
Alusdokumendid: EN 16923:2022
Asendab dokumenti: EVS-EN 16923:2017

EVS-EN ISO 7301:2022

Rice - Specification (ISO 7301:2021)

This document establishes the minimum specifications for rice (Oryza sativa L.) that is subject to international trade. It is applicable to husked rice and milled rice (aromatic and not aromatic), parboiled or not, intended for direct human consumption. It does not apply to other products derived from rice nor to waxy rice (glutinous rice).

Keel: en
Alusdokumendid: ISO 7301:2021; EN ISO 7301:2022
Asendab dokumenti: EVS-ISO 7301:2021

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN ISO 13704:2022

Petroleum, petrochemical and natural gas industries - Calculation of heater-tube thickness in petroleum refineries (ISO 13704:2022)

This document specifies the requirements for the procedures and design criteria used for calculating the required wall thickness of new tubes and associated component fittings for petroleum, petrochemical and natural gas industries. These procedures are appropriate for designing tubes for service in both corrosive and non-corrosive applications. These procedures have been developed specifically for the design of refinery and related process-fired heater tubes (direct-fired, heat-absorbing tubes within enclosures). These procedures are not intended to be used for the design of external piping. This document does not give recommendations for tube retirement thickness. A technique for estimating the life remaining for a heater tube is described This

document is a supplement to API 530, 7th edition (2015) including addendum 1 and addendum 2, the requirements of which are applicable with the exceptions specified in this document.

Keel: en
Alusdokumendid: ISO 13704:2022; EN ISO 13704:2022
Asendab dokumenti: EVS-EN ISO 13704:2008
Asendab dokumenti: EVS-EN ISO 13704:2008/AC:2009

EVS-EN ISO 3679:2022

Determination of flash point - Method for flash no-flash and flash point by small scale closed cup tester (ISO 3679:2022)

This document describes three procedures (A, B and C) covering determinations of flash no-flash and flash point. Rapid equilibrium procedures A and B are applicable to flash no-flash and flash point tests of paints, including water-borne paints, varnishes, binders for paints and varnishes, adhesives, solvents, petroleum products including aviation turbine, diesel and kerosene fuels, fatty acid methyl esters and related products over the temperature range –30 °C to 300 °C. The rapid equilibrium procedures are used to determine whether a product will or will not flash at a specified temperature (flash no-flash procedure A) or the flash point of a sample (procedure B). When used in conjunction with the flash detector (A.1.6), this document is also suitable to determine the flash point of fatty acid methyl esters (FAME). The validity of the precision is given in Table 2. Non-equilibrium procedure C is applicable to petroleum products including aviation turbine, diesel and kerosine fuels, and related petroleum products, over the temperature range –20 °C to 300 °C. The non-equilibrium procedure is automated to determine the flash point. Precision has been determined over the range 40 °C to 135 °C. For specifications and regulations, procedures A or B are routinely used (see 10.1.1).

Keel: en
Alusdokumendid: ISO 3679:2022; EN ISO 3679:2022
Asendab dokumenti: EVS-EN ISO 3679:2015

77 METALLURGIA

EVS-EN ISO 14284:2022

Steel and iron - Sampling and preparation of samples for the determination of chemical composition (ISO 14284:2022)

This document specifies methods for sampling and sample preparation for the determination of the chemical composition of pig irons, cast irons and steels. Methods are specified for both liquid and solid metal.

Keel: en
Alusdokumendid: ISO 14284:2022; EN ISO 14284:2022
Asendab dokumenti: EVS-EN ISO 14284:2003

EVS-EN ISO 9227:2022

Corrosion tests in artificial atmospheres - Salt spray tests (ISO 9227:2022)

This document specifies the apparatus, the reagents and the procedure to be used in conducting the neutral salt spray (NSS), acetic acid salt spray (AASS) and copper-accelerated acetic acid salt spray (CASS) tests for assessment of the corrosion resistance of metallic materials, with or without permanent or temporary corrosion protection. It also describes the method employed to evaluate the corrosivity of the test cabinet environment. It does not specify the dimensions or types of test specimens, the exposure period to be used for a particular product, or the interpretation of results. Such details are provided in the appropriate product specifications. The salt spray tests are particularly useful for detecting discontinuities, such as pores and other defects, in certain metallic, organic, anodic oxide and conversion coatings. The NSS test is particularly applicable to: — metals and their alloys; — metallic coatings (anodic and cathodic); — conversion coatings; — anodic oxide coatings; — organic coatings on metallic materials. The AASS test is especially useful for testing decorative coatings of copper + nickel + chromium, or nickel + chromium. It has also been found suitable for testing anodic and organic coatings on aluminium. The CASS test is useful for testing decorative coatings of copper + nickel + chromium, or nickel + chromium. It has also been found suitable for testing anodic and organic coatings on aluminium. The salt spray methods are all suitable for checking that the quality of a metallic material, with or without corrosion protection, is maintained. They are not intended to be used for comparative testing as a means of ranking different materials relative to each other with respect to corrosion resistance or as means of predicting long-term corrosion resistance of the tested material.

Keel: en
Alusdokumendid: ISO 9227:2022; EN ISO 9227:2022
Asendab dokumenti: EVS-EN ISO 9227:2017

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN ISO 21813:2022

Fine ceramics (advanced ceramics, advanced technical ceramics) - Methods for chemical analysis of high purity barium titanate powders (ISO 21813:2019)

ISO 21813 specifies methods for the chemical analysis of fine high purity barium titanate powders used as the raw material for fine ceramics. ISO 21813 stipulates the determination methods of the barium, titanium, aluminium, cadmium, calcium, cobalt, dysprosium, iron, lead, magnesium, manganese, nickel, niobium, potassium, silicon, sodium, strontium, vanadium, zirconium, carbon, oxygen and nitrogen contents in high purity barium titanate powders. The barium and titanium contents, the major elements, are determined by using an acid decomposition-gravimetric method or an acid decomposition-inductively coupled

plasma-optical emission spectrometry (ICP-OES) method. The aluminium, cadmium, calcium, chromium, cobalt, dysprosium, iron, lead, magnesium, manganese, nickel, niobium, potassium, silicon, strontium, vanadium and zirconium contents are simultaneously determined via an acid digestion-ICP-OES method. The nitrogen content is determined by using an inert gas fusion-thermal conductivity method, while that of oxygen is determined via an inert gas fusion-IR absorption spectrometry method. Finally, the carbon content is determined using a combustion-IR absorption spectrometry method or a combustion-conductometry method.

Keel: en
Alusdokumendid: ISO 21813:2019; EN ISO 21813:2022
Asendab dokumenti: EVS-EN 725-2:2007

85 PABERITEHNOLOOGIA

EVS-EN ISO 187:2022

Paper, board and pulps - Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples (ISO 187:2022)

This document specifies the standard atmospheres for conditioning and testing pulp, paper and board, the conditioning procedure and the procedures for measuring the temperature and relative humidity.

Keel: en
Alusdokumendid: ISO 187:2022; EN ISO 187:2022
Asendab dokumenti: EVS-EN 20187:2000

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

CEN ISO/TR 11594:2022

Best practices for the creation/evaluation of fingerprint analysis in accordance with the ISO 28199 series (ISO/TR 11594:2022)

This document gives technical descriptions of X-Y measuring tables together with sample applications, sample evaluations and practical recommendations for visual and metrological evaluation as a supplement to the ISO 28199 series. This document intends to provide further information on this subject to interested parties.

Keel: en
Alusdokumendid: ISO/TR 11594:2022; CEN ISO/TR 11594:2022

CEN ISO/TR 5602:2022

Sources of error in the use of electrochemical impedance spectroscopy for the investigation of coatings and other materials (ISO/TR 5602:2021)

This document describes the main sources of error in the use of electrochemical impedance spectroscopy for the investigation of coatings and other materials. The sources of error listed here include all process steps from the set-up of the sample with the measuring cell right through to evaluation.

Keel: en
Alusdokumendid: ISO/TR 5602:2021; CEN ISO/TR 5602:2022

EVS-EN 13300:2022

Paints and varnishes - Paints and varnishes for interior walls and ceilings - Classification

This document specifies a general system for the classification of paints and varnishes for interior walls and ceilings for the decoration of new and old, coated and uncoated surfaces.

Keel: en
Alusdokumendid: EN 13300:2022
Asendab dokumenti: EVS-EN 13300:2001

EVS-EN 927-2:2022

Paints and varnishes - Coating materials and coating systems for exterior wood - Part 2: Performance specification

This document addresses performance criteria for coating systems on exterior wood. Performance requirements are specified according to three categories of end use (defined in EN 927 1) in terms of two mandatory tests, namely natural weathering performance testing carried out in accordance with EN 927 3, and water permeability in accordance with EN 927 5. Additional optional tests (non-mandatory) are tabled which can be used by suppliers, or for specification purposes, to provide additional information, to a standardized format, on aspects of performance relevant to specific situations. The majority of test methods are drawn from EN 927 (all parts), but where relevant additional tests from other national and international sources are used. Requirements for claiming conformity with this document are defined and provide flexibility for different situations and can also provide a basis for certification.

Keel: en
Alusdokumendid: EN 927-2:2022
Asendab dokumenti: EVS-EN 927-2:2014

EVS-EN ISO 1522:2022

Paints and varnishes - Pendulum damping test (ISO 1522:2022)

This document specifies two methods of carrying out a pendulum damping test on a coating of paint, varnish or other related products. It is applicable to single coatings and to multicoat systems.

Keel: en
Alusdokumendid: ISO 1522:2022; EN ISO 1522:2022
Asendab dokumenti: EVS-EN ISO 1522:2007

EVS-EN ISO 3679:2022

Determination of flash point - Method for flash no-flash and flash point by small scale closed cup tester (ISO 3679:2022)

This document describes three procedures (A, B and C) covering determinations of flash no-flash and flash point. Rapid equilibrium procedures A and B are applicable to flash no-flash and flash point tests of paints, including water-borne paints, varnishes, binders for paints and varnishes, adhesives, solvents, petroleum products including aviation turbine, diesel and kerosene fuels, fatty acid methyl esters and related products over the temperature range –30 °C to 300 °C. The rapid equilibrium procedures are used to determine whether a product will or will not flash at a specified temperature (flash no-flash procedure A) or the flash point of a sample (procedure B). When used in conjunction with the flash detector (A.1.6), this document is also suitable to determine the flash point of fatty acid methyl esters (FAME). The validity of the precision is given in Table 2. Non-equilibrium procedure C is applicable to petroleum products including aviation turbine, diesel and kerosine fuels, and related petroleum products, over the temperature range –20 °C to 300 °C. The non-equilibrium procedure is automated to determine the flash point. Precision has been determined over the range 40 °C to 135 °C. For specifications and regulations, procedures A or B are routinely used (see 10.1.1).

Keel: en
Alusdokumendid: ISO 3679:2022; EN ISO 3679:2022
Asendab dokumenti: EVS-EN ISO 3679:2015

EVS-EN ISO 4628-5:2022

Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 5: Assessment of degree of flaking (ISO 4628-5:2022)

This document specifies a method for assessing the degree of flaking of coatings by comparison with pictorial standards. ISO 4628-1 specifies the system used for designating the quantity and size of defects and the intensity of changes in appearance of coatings. It also outlines the general principles of the system. This system is intended to be used, in particular, for defects caused by ageing and weathering, and for uniform changes such as colour changes, for example yellowing.

Keel: en
Alusdokumendid: ISO 4628-5:2022; EN ISO 4628-5:2022
Asendab dokumenti: EVS-EN ISO 4628-5:2016

EVS-EN ISO 7784-3:2022

Paints and varnishes - Determination of resistance to abrasion - Part 3: Method with abrasive-paper covered wheel and linearly reciprocating test specimen (ISO 7784-3:2022)

This document specifies a method for determining the resistance to abrasion of coatings, for which a loaded, rigid abrasive-paper covered wheel affects the coating of the linearly reciprocating test specimen.

Keel: en
Alusdokumendid: ISO 7784-3:2022; EN ISO 7784-3:2022
Asendab dokumenti: EVS-EN ISO 7784-3:2016

91 EHITUSMATERJALID JA EHITUS

CEN/TS 19101:2022

Design of fibre-polymer composite structures

(1) This document applies to the design of buildings, bridges and other civil engineering structures in fibre-polymer composite materials, including permanent and temporary structures. It complies with the principles and requirements for the safety, serviceability and durability of structures, the basis of their design and verification that are given in EN 1990. NOTE In this document, fibre-polymer composite materials are referred to as composite materials or as composites. (2) This document is only concerned with the requirements for resistance, serviceability, durability and fire resistance of composite structures. NOTE 1 Specific requirements concerning seismic design are not considered. NOTE 2 Other requirements, e.g. concerning thermal or acoustic insulation, are not considered. (3) This document gives a general basis for the design of composite structures composed of (i) composite members, or (ii) combinations of composite members and members of other materials (hybrid-composite structures), and (iii) the joints between these members. (4) This document applies to composite structures in which the values of material temperature in members, joints and components in service conditions are (i) higher than -40 °C and (ii) lower than - 20 °C, where is the glass transition temperature of composite, core and adhesive materials, defined according to 5.1(1). (5) This document applies to: (i) composite members, i.e. profiles and sandwich panels, and (ii) bolted, bonded and hybrid joints and their connections. NOTE 1 Profiles and sandwich panels can be applied in structural systems such as beams, columns, frames, trusses, slabs, plates and shells. NOTE 2 Sandwich panels include homogenous core and web-core panels. In web-core panels, the cells between webs can be filled (e.g. with foam) or remain empty (e.g. panels from pultruded profiles). NOTE 3 This document does

not apply to sandwich panels made of metallic face sheets. NOTE 4 Built-up members can result from the assembly of two or more profiles, through bolting and/or adhesive bonding. NOTE 5 The main manufacturing processes of composite members include pultrusion, filament winding, hand layup, resin transfer moulding (RTM), resin infusion moulding (RIM), vacuum-assisted resin transfer moulding (VARTM). NOTE 6 This document does not apply to composite cables or special types of civil engineering works (e.g. pressure vessels, tanks or chemical storage containers). (6) This document applies to: (i) the composite components of composite members, i.e. composite plies, composite laminates, sandwich cores and plates or profiles, and (ii) the components of joints or their connections, i.e. connection plates or profiles (e.g. cleats), bolts, and adhesive layers. NOTE 1 Composite components are composed of composite materials (i.e. fibres and matrix resins) and core materials. Components of joints and their connections are also composed of composite, steel or adhesive materials. NOTE 2 The fibre architecture of composite components can comprise a single type of fibres or a hybrid of two or more types of fibres. NOTE 3 This document does not apply to composite components used for internal reinforcement of concrete structures (composite rebars) or strengthening of existing structures (composite rebars, strips or sheets). (7) This document applies to composite materials, comprising: (i) glass, carbon, basalt or aramid fibres, and (ii) a matrix based on unsaturated polyester, vinylester, epoxy or phenolic thermoset resins.

Keel: en
Alusdokumendid: CEN/TS 19101:2022

EVS-EN 17020-1:2022

Extended application of test results on durability of self-closing for fire resistance and/or smoke control doorsets and openable windows - Part 1: Durability of self-closing of hinged and pivoted steel doorsets

This document covers single and double leaf, hinged and pivoted, steel based doorsets as covered by EN 15269-2 and/or EN 15269-20. This document prescribes the methodology for extending the application of test results obtained from durability of self-closing test(s) conducted in accordance with EN 1191 and or EN 12605:2000, as appropriate. Subject to the completion of the appropriate durability of self-closing test(s), the extended application can cover all or some of the following non-exhaustive list: - door leaf; - side, transom and/or overpanels; - ventilation grilles and/or louvres; - wall or ceiling fixed parts or items of the doorset, e.g. frame or suspensions systems; - glazing for door leaf, side, transom and flush over panels; - items of building hardware; - decorative finishes; - intumescent strips, smoke, draught or acoustic seals; - alternative supporting construction(s).

Keel: en
Alusdokumendid: EN 17020-1:2022

EVS-EN 17037:2019+A1:2021/AC:2022

Päevavalgus hoonetes
Daylight in buildings

Standardi EVS-EN 17037:2019+A1:2021 parandus.

Keel: et
Parandab dokumenti: EVS-EN 17037:2019+A1:2021

EVS-EN 303-5:2021+A1:2022

Küttekatlad. Osa 5: Käsitsi ja automaatselt köetavad tahkekütusekatlad nimisoojustootlikkusega kuni 500 kW. Mõisted, nõuded, katsetamine ja märgistus
Heating boilers - Part 5: Heating boilers for solid fuels, manually and automatically stoked, nominal heat output of up to 500 kW - Terminology, requirements, testing and marking

1.1 General This European Standard applies to heating boilers including safety devices up to a nominal heat output of 500 kW which are designed for the burning of solid fuels only and are operated according to the instructions of the boiler manufacturer. This European Standard deals with significant hazards, hazardous situations and events relevant to heating boilers used as intended and under the conditions foreseen by the manufacturer (see Clause 4). The boilers may operate under natural draught or forced draught. The stoking may work manually or automatically. The boilers may operate under room sealed conditions in case of supervised under pressure in the combustion chamber. The boilers may operate in condensing condition. NOTE This European Standard deals with boilers which are both within and outside of the scope of the Machinery Directive 2006/42/EC. This European Standard contains requirements and test methods for safety, combustion quality, operating characteristics, marking and maintenance of heating boilers and secondary emission reduction appliances and efficiency improvement appliances. It also covers all external equipment that influences the safety systems (e.g. back burning safety device, integral fuel hopper). This European Standard covers only boilers that include burners as a unit. The standard applies to the combination of a boiler body with a solid fuel burner according to EN 15270 as a unit only when the whole unit is tested in accordance with this European Standard. Heating boilers in accordance with this European Standard are designed for central heating installations where the heat carrier is water and the maximum allowable temperature is 110 °C, and which can operate at a maximum allowable operating pressure of 6 bars. For heating boilers with a built-in or attached water heater (storage or continuous flow heater), this European Standard only applies to those parts of the water heater which are necessarily subject to the operating conditions of the heating boiler (heating part). This European Standard does not apply to: heating boilers and other heating appliances which are also designed for the direct heating of the place of installation; cooking appliances; the design and construction of external fuel storage and transportation devices prior to the safety devices of the boiler; room sealed applications above a nominal heat output > 70 kW or operated with positive pressure in the combustion chamber or operated under natural draught; This European Standard specifies the necessary terminology for solid fuel heating boilers, the control and safety related requirements, the design requirements, the technical heating requirements (taking into account the environmental requirements) and testing, as well as the marking requirements. This European Standard is not applicable to heating boilers which are tested before the date of its publication as an EN (European Standard). 1.2 Fuels These boilers may burn either fossil fuels, biogenic fuels or other fuels such as peat, as specified for their use by the boiler manufacturer, in accordance with the requirements of this European Standard. Solid fuels included in this European Standard are categorised as follows. 1.2.1 Biogenic fuels Biomass in a natural state, in the form of: Adaptation to new fuels standards and consideration of new fuels standards in preparation. A log wood with moisture

content w ≤ 25 %, according to EN 14961-5; B1 chipped wood (wood chipped by machine, usually up to a maximum length of 15 cm) with moisture content from w 15 % to w 35 %, according to EN 14961-4; B2 chipped wood as under B1, except with moisture content w > 35 %; C1 compressed wood (e.g. pellets without additives, made of wood and/or bark particles; natural binding agents such as molasses, vegetable paraffins and starch are permitted), pellets according to EN 14961-2; (...)

Keel: en
Alusdokumendid: EN 303-5:2021+A1:2022
Asendab dokumenti: EVS-EN 303-5:2021

EVS-EN ISO 29466:2022

Thermal insulating products for building applications - Determination of thickness (ISO 29466:2022)

This document specifies the equipment and procedures for determining the thickness of full-size products. It is applicable to thermal insulating products. This document provides the reference method. Other methods can be used (e.g. for quality control), provided a correlation has been established with this reference method; Annex B gives some examples of such methods.

Keel: en
Alusdokumendid: ISO 29466:2022; EN ISO 29466:2022
Asendab dokumenti: EVS-EN 823:2013

EVS-EN ISO 29469:2022

Thermal insulating products for building applications - Determination of compression behaviour (ISO 29469:2022)

This document specifies the equipment and procedures for determining the compression behaviour of specimens. It is applicable to thermal insulating products and can be used to determine the compressive stress in compressive creep tests and for applications in which insulation products are exposed only to short-term loads. The method can be used for quality control purposes and can also be employed to obtain reference values from which design values can be calculated using safety factors.

Keel: en
Alusdokumendid: ISO 29469:2022; EN ISO 29469:2022
Asendab dokumenti: EVS-EN 826:2013

EVS-EN ISO 29766:2022

Thermal insulating products for building applications - Determination of tensile strength parallel to faces (ISO 29766:2022)

This document specifies the equipment and procedures for determining the tensile strength of a product parallel to its faces. It is applicable to thermal insulating products. This document can be used to determine whether the product has sufficient strength to withstand stresses during transportation and application.

Keel: en
Alusdokumendid: ISO 29766:2022; EN ISO 29766:2022
Asendab dokumenti: EVS-EN 1608:2013

EVS-HD 60364-5-54:2011/A1:2022

Madalpingelised elektripaigaldised. Osa 5-54: Elektriseadmete valik ja paigaldamine. Maandamine ja kaitsejuhid
Low-voltage electrical installations - Part 5-54: Selection and erection of electrical equipment - Earthing arrangements and protective conductors (IEC 60364-5-54:2011/A1:2021)

Standardi EVS-HD 60364-5-54:2011 muudatus.

Keel: en, et
Alusdokumendid: HD 60364-5-54:2011/A1:2022; IEC 60364-5-54:2011/A1:2021
Muudab dokumenti: EVS-HD 60364-5-54:2011
Muudab dokumenti: EVS-HD 60364-5-54:2011+A11:2017

EVS-HD 60364-5-54:2011+A11+A1:2022

Madalpingelised elektripaigaldised. Osa 5-54: Elektriseadmete valik ja paigaldamine. Maandamine ja kaitsejuhid
Low-voltage electrical installations - Part 5-54: Selection and erection of electrical equipment - Earthing arrangements and protective conductors (IEC 60364-5-54:2011 + IEC 60364-5-54:2011/A1:2021)

Standardisarja IEC 60364 see osa käsitleb maandamist ja kaitsejuhte, sealhulgas kaitsepotentsiaali-ühtlustusjuhte elektripaigaldise ohutuse tagamise seisukohast. See dokument sisaldab ühtlasi nõudeid, mis puudutavad info- ja kommunikatsioonitehnikas kasutatavat maandamist ja potentsiaaliühtlustust eesmärgiga — vähendada elektriliste ohtude riski selliste seadiste ning info- ja kommunikatsioonitehnilise juhistiku korrektsel talitlemisel; — näha ette töökindla signaaliesitustasandiga telekommunikatsioonisüsteemid, mis võivad parandada takistust elektromagnetilistele häiretele standardi ISO/IEC 30129 kohaselt. MÄRKUS Info- ja kommunikatsioonitehnika näidete hulka kuuluvad — alalisvoolu-toitevõrgud (ja -süsteemid) ehitises paiknevate info- ja kommunikatsioonitehnikaseadmete toiteks; — tähekujulised automaat-kodukeskjaamad (private automatic branch exchanges, PABX) või nende seadmed, — kohaliku piirkonna kommunikatsioonivõrgud (local area networks, LANs), — tuletõrje- ja sissetungialarmi kommunikatsioonisüsteemid, — ehitise automatiseerimissüsteemid, nt otsesed

digitaaljuhtimissüsteemid (direct digital control systems); — raaltootmissüsteemid (computer-aided manufacturing, CAM) ja muud raalipõhised teenused; — ringhäälingu- ja kommunikatsioonitehnika.

Keel: en, et
Alusdokumendid: IEC 60364-5-54:2011; IEC 60364-5-54:2011/AMD1:2021; HD 60364-5-54:2011; HD 60364-5-54:2011/A11:2017; HD 60364-5-54:2011/A1:2021
Konsolideerib dokumenti: EVS-HD 60364-5-54:2011
Konsolideerib dokumenti: EVS-HD 60364-5-54:2011/A1:2022
Konsolideerib dokumenti: EVS-HD 60364-5-54:2011/A11:2017
Konsolideerib dokumenti: EVS-HD 60364-5-54:2011+A11:2017

93 RAJATISED

EVS-EN 13481-2:2022

Raudteealased rakendused. Rööbastee. Nõuded kinnitussüsteemide tööomadustele. Osa 2: Ballasti paigaldatud betoonliiprite kinnitussüsteemid
Railway Applications - Track - Performance Requirements for Fastening Systems - Part 2: Fastening systems for concrete sleepers in ballast

This document is applicable to fastening systems in Categories A - E as specified in EN 13481-1:2012, 3.1 for use on concrete sleepers in ballasted track with maximum axle loads and minimum curve radii as shown in Table 1. [Table 1 - Fastening category criteria] NOTE The maximum axle load for Categories A and B does not apply to maintenance vehicles. The requirements apply to: - fastening systems which act on the foot and/or web of the rail including direct fastening systems and indirect fastening systems; - fastening systems for rail sections included in EN 13674-1 (excluding 49E4) or EN 13674-4. This document is not applicable to fastening systems for other rail sections, rigid fastening systems or special fastening systems used at bolted joints or glued joints. This document is for the type approval of complete fastening systems.

Keel: en
Alusdokumendid: EN 13481-2:2022
Asendab dokumenti: EVS-EN 13481-2:2012+A1:2017

97 OLME. MEELELAHUTUS. SPORT

CEN/TR 17842-1:2022

Playground equipment for children - Part 1: Replies to requests for interpretation of EN 1176:2017 and its parts (2018-2019)

The purpose of this document is to publish replies to requests for interpretations, to all parts of the EN 1176 series, which have been drafted by the interpretation panel and confirmed by CEN/TC136/SC1.

Keel: en
Alusdokumendid: CEN/TR 17842-1:2022

EVS-EN 1335-1:2020+A1:2022

Office furniture - Office work chair - Part 1: Dimensions - Determination of dimensions

This part of prEN 1335:2017 applies to office work chairs. It specifies dimensions of three types of chairs as well as test methods for their determination. Annex A (informative) contains a Rationale for office chair features and comparison between current published dimensions with European anthropometric data.

Keel: en
Alusdokumendid: EN 1335-1:2020+A1:2022
Asendab dokumenti: EVS-EN 1335-1:2020

EVS-EN 17736:2022

Entertainment technology - Specifications for design and manufacture of aluminium stage decks and frames

This document specifies the requirements for the design and manufacture of aluminium decks and frames used in the entertainment industry. This document does not apply to scaffolding used as substructures in stage and studio environments in accordance with the EN 12810 series and the EN 12811 series or fairground rides in accordance with EN 13814-1.

Keel: en
Alusdokumendid: EN 17736:2022

EVS-EN 17737:2022

Hardware for furniture - Test and evaluation methods for the corrosion resistance of furniture fittings

This document specifies test methods for the determination of corrosion resistance of furniture fittings as ready-to-use assemblies or their individual parts. It applies to the optical assessment of surface changes for the following materials: - metals and their alloys; - metal coatings with anodic or cathodic properties; - conversion coatings; - anodic oxide layers; - organic coatings on metallic materials. This document does not include any requirements regarding the corrosion resistance of furniture fittings. These can be given in the product specifications.

Keel: en
Alusdokumendid: EN 17737:2022

EVS-EN 60335-2-8:2015/A11:2022

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-8: Erinõuded pardlitele, juukselõikusmasinatele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances

Amendment to EN 60335-2-8:2015

Keel: en
Alusdokumendid: EN 60335-2-8:2015/A11:2022
Muudab dokumenti: EVS-EN 60335-2-8:2015

EVS-EN 60335-2-8:2015/A12:2022

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-8: Erinõuded pardlitele, juukselõikusmasinatele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances

This standard deals shavers, hair clippers and similar appliances for domestic use

Keel: en
Alusdokumendid: EN 60335-2-8:2015/A12:2022
Muudab dokumenti: EVS-EN 60335-2-8:2015
Muudab dokumenti: EVS-EN 60335-2-8:2015/A2:2022

EVS-EN 60335-2-8:2015/A2:2022

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-8: Erinõuded pardlitele, juukselõikusmasinatele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances

This standard deals shavers, hair clippers and similar appliances for domestic use

Keel: en
Alusdokumendid: IEC 60335-2-8:2012/A2:2018; EN 60335-2-8:2015/A2:2022
Muudab dokumenti: EVS-EN 60335-2-8:2015

EVS-EN IEC 62947:2022

Electrically operated spray seats for household and similar use - Methods for measuring the performance - General test methods of spray seats

This International Standard specifies test methods to measure the performance of electrically operated spray seats for household and similar use. This standard applies to spray seats including tank-type spray seats, instantaneous-type spray seats and combination-type spray seats. This document does not apply to the electrically operated spray seats that are intended for medical and/or assistive functions NOTE: This International Standard does not specify acoustical noise requirements for electrical spray seats. Acoustical noise measurements are specified in IEC 60704-1 and IEC 60704-2-x.

Keel: en
Alusdokumendid: IEC 62947:2022; EN IEC 62947:2022

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

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

CEN/TS 17091:2018
Crisis management - Guidance for developing a strategic capability

Keel: en
Alusdokumendid: CEN/TS 17091:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 22361:2022
Standardi staatus: Kehtetu

CWA 16520:2012
Guide dog mobility instructor - Competences

Keel: en
Alusdokumendid: CWA 16520:2012
Standardi staatus: Kehtetu

EVS-EN ISO/IEC 27002:2017
Infotehnoloogia. Turbemeetodid. Infoturbemeetodite tavakoodeks
Information technology - Security techniques - Code of practice for information security controls (ISO/IEC 27002:2013 including Cor 1:2014 and Cor 2:2015)

Keel: en, et
Alusdokumendid: ISO/IEC 27002:2013; ISO/IEC 27002:2013/Cor 1:2014; ISO/IEC 27002:2013/Cor 2:2015; EN ISO/IEC 27002:2017
Asendatud järgmise dokumendiga: EVS-EN ISO/IEC 27002:2022
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

CWA 16520:2012
Guide dog mobility instructor - Competences

Keel: en
Alusdokumendid: CWA 16520:2012
Standardi staatus: Kehtetu

EVS-EN 61010-2-101:2017
Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-101: Erinõuded in vitro diagnostilistele (IVD) meditsiiniseadmetele
Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-101: Particular requirements for laboratory equipment for in vitro diagnostic (IVD) medical equipment

Keel: en
Alusdokumendid: EN 61010-2-101:2017; IEC 61010-2-101:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 61010-2-101:2022
Standardi staatus: Kehtetu

EVS-EN ISO 10993-2:2006
Meditsiiniseadmete bioloogiline hindamine. Osa 2: Nõuded loomade heaolule
Biological evaluation of medical devices - Part 2: Animal welfare requirements

Keel: en
Alusdokumendid: ISO 10993-2:2006; EN ISO 10993-2:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 10993-2:2022
Standardi staatus: Kehtetu

EVS-EN ISO 8872:2004
Aluminium caps for transfusion, infusion and injection bottles - General requirements and test methods

Keel: en
Alusdokumendid: ISO 8872:2003; EN ISO 8872:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 8872:2022
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 13356:2001
Nähtavust parandavad vahendid mitteprofessionaalseks kasutamiseks. Katsemeetodid ja nõuded
Visibility accessories for non-professional use - Test methods and requirements

Keel: en
Alusdokumendid: EN 13356:2001
Asendatud järgmise dokumendiga: EVS-EN 17353:2020
Standardi staatus: Kehtetu

EVS-EN 62232:2017
Determination of RF field strength, power density and SAR in the vicinity of radiocommunication base stations for the purpose of evaluating human exposure

Keel: en
Alusdokumendid: IEC 62232:2017; EN 62232:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 62232:2022
Standardi staatus: Kehtetu

EVS-ISO 9705:2004
Tulekindluse katsed. Täismõõduline ruumikatse pinnamaterjalidele
Fire tests - Full-scale room test for surface products

Keel: en
Alusdokumendid: ISO 9705:1993
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 14571:2005
Metallic coatings on nonmetallic basis materials - Measurement of coating thickness - Microresistivity method

Keel: en
Alusdokumendid: EN 14571:2005
Asendatud järgmise dokumendiga: EVS-EN ISO 14571:2022
Standardi staatus: Kehtetu

EVS-EN 62232:2017
Determination of RF field strength, power density and SAR in the vicinity of radiocommunication base stations for the purpose of evaluating human exposure

Keel: en
Alusdokumendid: IEC 62232:2017; EN 62232:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 62232:2022
Standardi staatus: Kehtetu

19 KATSETAMINE

EVS-EN 61010-2-101:2017
Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-101: Erinõuded in vitro diagnostilistele (IVD) meditsiiniseadmetele
Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-101: Particular requirements for laboratory equipment for in vitro diagnostic (IVD) medical equipment

Keel: en
Alusdokumendid: EN 61010-2-101:2017; IEC 61010-2-101:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 61010-2-101:2022
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 12067-2:2004
Gaasi/õhu suhte kontrollimine gaasipõletites ja gaasipõletusseadmetes. Osa 2: Elektroonilised tüübid

Gas/air ratio controls for gas burners and gas burning appliances - Part 2: Electronic types

Keel: en
Alusdokumendid: EN 12067-2:2004
Asendatud järgmise dokumendiga: EVS-EN 12067-2:2022
Standardi staatus: Kehtetu

EVS-EN 1643:2014

Gaasipõletite ja gaasipõletitega varustatud seadmete ohutus- ja kaitseseadmed. Automaatsete sulgekaitseseadmete sulgeelemendi tiheduse kontrollisüsteem
Safety and control devices for gas burners and gas burning appliances - Valve proving systems for automatic shut-off valves

Keel: en
Alusdokumendid: EN 1643:2014
Asendatud järgmise dokumendiga: EVS-EN 1643:2022
Standardi staatus: Kehtetu

EVS-EN ISO 10497:2010

Testing of valves - Fire type-testing requirements

Keel: en
Alusdokumendid: ISO 10497:2010; EN ISO 10497:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 10497:2022
Standardi staatus: Kehtetu

EVS-EN ISO 1179-2:2013

Connections for general use and fluid power - Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing - Part 2: Heavy-duty (S series) and light-duty (L series) stud ends with elastomeric sealing (type E) (ISO 1179-2:2013)

Keel: en
Alusdokumendid: ISO 1179-2:2013; EN ISO 1179-2:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 1179-2:2022
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN 14571:2005

Metallic coatings on nonmetallic basis materials - Measurement of coating thickness - Microresistivity method

Keel: en
Alusdokumendid: EN 14571:2005
Asendatud järgmise dokumendiga: EVS-EN ISO 14571:2022
Standardi staatus: Kehtetu

EVS-EN 15771:2010

Vitreous and porcelain enamels - Determination of surface scratch hardness according to the Mohs scale

Keel: en
Alusdokumendid: FprEN 15771:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 6769:2022
Standardi staatus: Kehtetu

EVS-EN 16866:2017

Metallic and other inorganic coatings - Simultaneous thickness and electrode potential determination of individual layers in multilayer nickel deposits (STEP test)

Keel: en
Alusdokumendid: EN 16866:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 16866:2022
Standardi staatus: Kehtetu

EVS-EN 62714-2:2015

Engineering Data Exchange format for use in industrial automation systems engineering - Automation Markup Language - Part 2: Role class libraries

Keel: en
Alusdokumendid: IEC 62714-2:2015; EN 62714-2:2015

Asendatud järgmise dokumendiga: EVS-EN IEC 62714-2:2022
Standardi staatus: Kehtetu

EVS-EN ISO 11127-6:2011

Teraspindade ettevalmistamine enne värvide ja nendega seotud materjalide pealekandmist. Mittemetalliliste jugapuhastusabrasiivide katsemeetodid. Osa 6: Vees lahustuvate kahjulike lisandite konduktomeetriline määramine (ISO 11127-6:2011)
Preparation of steel substrates before application of paints and related products - Test methods for non-metallic blast-cleaning abrasives - Part 6: Determination of water-soluble contaminants by conductivity measurement (ISO 11127-6:2011)

Keel: en
Alusdokumendid: ISO 11127-6:2011; EN ISO 11127-6:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 11127-6:2022
Standardi staatus: Kehtetu

EVS-EN ISO 12153:2012

Welding consumables - Tubular cored electrodes for gas shielded and non-gas shielded metal arc welding of nickel and nickel alloys - Classification (ISO 12153:2011)

Keel: en
Alusdokumendid: ISO 12153:2011; EN ISO 12153:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 12153:2022
Standardi staatus: Kehtetu

EVS-EN ISO 1461:2009

Terasele kantavad kuumtsinkpinded (tükktsinkimine). Nõuded ja katsemeetodid
Hot dip galvanized coatings on fabricated iron and steel articles - Specifications and test methods

Keel: en, et
Alusdokumendid: ISO 1461:2009; EN ISO 1461:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 1461:2022
Standardi staatus: Kehtetu

EVS-EN ISO 15615:2013

Gas welding equipment - Acetylene manifold systems for welding, cutting and allied processes - Safety requirements in high-pressure devices (ISO 15615:2013)

Keel: en
Alusdokumendid: ISO 15615:2013; EN ISO 15615:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 15615:2022
Standardi staatus: Kehtetu

EVS-EN ISO 28765:2016

Vitreous and porcelain enamels - Design of bolted steel tanks for the storage or treatment of water or municipal or industrial effluents and sludges (ISO 28765:2016)

Keel: en
Alusdokumendid: ISO 28765:2016; EN ISO 28765:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 28765:2022
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12067-2:2004

Gaasi/õhu suhte kontrollimine gaasipõletites ja gaasipõletusseadmetes. Osa 2: Elektroonilised tüübid
Gas/air ratio controls for gas burners and gas burning appliances - Part 2: Electronic types

Keel: en
Alusdokumendid: EN 12067-2:2004
Asendatud järgmise dokumendiga: EVS-EN 12067-2:2022
Standardi staatus: Kehtetu

EVS-EN 298:2012

Gaasi- ja vedelkütuste põletite ja põletiga tarvitite automaatjuhtimissüsteemid
Automatic burner control systems for burners and appliances burning gaseous or liquid fuels

Keel: en

Alusdokumendid: EN 298:2012
Asendatud järgmise dokumendiga: EVS-EN 298:2022
Standardi staatus: Kehtetu

EVS-EN ISO 18122:2015
Solid biofuels - Determination of ash content (ISO 18122:2015)

Keel: en
Alusdokumendid: ISO 18122:2015; EN ISO 18122:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 18122:2022
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 62196-1:2014
Pistikud, pistikupesad, sõiduki-pistikühendused ja sõidukisisendid. Elektrisõidukite juhtivuslik laadimine. Osa 1: Üldnõuded
Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 1: General requirements

Keel: en
Alusdokumendid: IEC 62196-1:2014; EN 62196-1:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 62196-1:2022
Standardi staatus: Kehtetu

EVS-EN 62196-2:2017
Pistikud, pistikupesad, sõiduki-pistikühendused ja sõidukisisendid. Elektrisõidukite juhtivuslik laadimine. Osa 2: Kontaktsõrmedel ja -pesadel põhinevate vahelduvvooluseadiste mõõtmelise ühilduvuse ja vahetatavuse nõuded
Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories

Keel: en
Alusdokumendid: IEC 62196-2:2016; EN 62196-2:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 62196-2:2022
Standardi staatus: Kehtetu

EVS-EN 62196-3:2014
Pistikud, pistikupesad, sõiduki-pistikühendused ja sõidukisisendid. Elektrisõidukite juhtivuslik laadimine. Osa 3: Kontaktsõrmedel ja -pesadel põhinevate alalisvoolu- ja vahelduvvoolu/alalisvoolu-sõiduki-pistikühenduste mõõtmelise ühilduvuse ja vahetatavuse nõuded
Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 3: Dimensional compatibility and interchangeability requirements for d.c. and a.c./d.c. pin and contact-tube vehicle couplers

Keel: en
Alusdokumendid: IEC 62196-3:2014; EN 62196-3:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 62196-3:2022
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 60738-1:2006
Thermistors - Directly heated positive temperature coefficient Part 1: Generic specification

Keel: en
Alusdokumendid: IEC 60738-1:2006; EN 60738-1:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 60738-1:2022
Muudetud järgmise dokumendiga: EVS-EN 60738-1:2006/A1:2009
Standardi staatus: Kehtetu

EVS-EN 60738-1:2006/A1:2009
Thermistors - Directly heated positive temperature coefficient Part 1: Generic specification

Keel: en
Alusdokumendid: IEC 60738-1:2006/A1:2009; EN 60738-1:2006/A1:2009
Asendatud järgmise dokumendiga: EVS-EN IEC 60738-1:2022
Standardi staatus: Kehtetu

EVS-EN 60749-37:2008
Semiconductor devices - Mechanical and climatic test methods -- Part 37: Board level drop test method using an accelerometer

Keel: en
Alusdokumendid: IEC 60749-37:2008; EN 60749-37:2008
Asendatud järgmise dokumendiga: EVS-EN IEC 60749-37:2022
Standardi staatus: Kehtetu

EVS-EN 62391-1:2016
Fixed electric double-layer capacitors for use in elecric and electronic equipment - Part 1: Generic specification

Keel: en
Alusdokumendid: EN 62391-1:2016; IEC 62391-1:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 62391-1:2022
Parandatud järgmise dokumendiga: EVS-EN 62391-1:2016/AC:2016
Parandatud järgmise dokumendiga: EVS-EN 62391-1:2016/AC:2019
Standardi staatus: Kehtetu

EVS-EN 62391-1:2016/AC:2016
Fixed electric double-layer capacitors for use in electric and electronic equipment - Part 1: Generic specification

Keel: en
Alusdokumendid: IEC 62391-1:2015/COR1:2016; EN 62391-1:2016/AC:2016-12
Asendatud järgmise dokumendiga: EVS-EN IEC 62391-1:2022
Standardi staatus: Kehtetu

EVS-EN 62391-1:2016/AC:2019
Fixed electric double-layer capacitors for use in electric and electronic equipment - Part 1: Generic specification

Keel: en
Alusdokumendid: IEC 62391-1:2015/COR2:2019; EN 62391-1:2016/AC:2019-08
Asendatud järgmise dokumendiga: EVS-EN IEC 62391-1:2022
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CEN/TS 17413:2020
Intelligent transport systems - Urban ITS - Models and definitions for new modes

Keel: en
Alusdokumendid: CEN/TS 17413:2020
Asendatud järgmise dokumendiga: EVS-EN 12896-10:2022
Standardi staatus: Kehtetu

EVS-EN 15531-2:2015
Public transport - Service interface for real-time information relating to public transport operations - Part 2: Communications

Keel: en
Alusdokumendid: EN 15531-2:2015
Asendatud järgmise dokumendiga: EVS-EN 15531-2:2022
Standardi staatus: Kehtetu

EVS-EN 62714-2:2015
Engineering Data Exchange format for use in industrial automation systems engineering - Automation Markup Language - Part 2: Role class libraries

Keel: en
Alusdokumendid: IEC 62714-2:2015; EN 62714-2:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 62714-2:2022
Standardi staatus: Kehtetu

EVS-EN ISO/IEC 27002:2017
Infotehnoloogia. Turbemeetodid. Infoturbemeetodite tavakoodeks
Information technology - Security techniques - Code of practice for information security controls (ISO/IEC 27002:2013 including Cor 1:2014 and Cor 2:2015)

Keel: en, et
Alusdokumendid: ISO/IEC 27002:2013; ISO/IEC 27002:2013/Cor 1:2014; ISO/IEC 27002:2013/Cor 2:2015; EN ISO/IEC 27002:2017
Asendatud järgmise dokumendiga: EVS-EN ISO/IEC 27002:2022
Standardi staatus: Kehtetu

43 MAANTEESÕIDUKITE EHITUS

EVS-EN 1493:2010
Sõidukitõstukid
Vehicle lifts

Keel: en
Alusdokumendid: EN 1493:2010
Asendatud järgmise dokumendiga: EVS-EN 1493:2022
Standardi staatus: Kehtetu

EVS-EN 62196-1:2014
Pistikud, pistikupesad, sõiduki-pistikühendused ja sõidukisisendid. Elektrisõidukite juhtivuslik laadimine. Osa 1: Üldnõuded
Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 1: General requirements

Keel: en
Alusdokumendid: IEC 62196-1:2014; EN 62196-1:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 62196-1:2022
Standardi staatus: Kehtetu

EVS-EN 62196-2:2017
Pistikud, pistikupesad, sõiduki-pistikühendused ja sõidukisisendid. Elektrisõidukite juhtivuslik laadimine. Osa 2: Kontaktsõrmedel ja -pesadel põhinevate vahelduvvooluseadiste mõõtmelise ühilduvuse ja vahetatavuse nõuded
Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories

Keel: en
Alusdokumendid: IEC 62196-2:2016; EN 62196-2:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 62196-2:2022
Standardi staatus: Kehtetu

EVS-EN 62196-3:2014
Pistikud, pistikupesad, sõiduki-pistikühendused ja sõidukisisendid. Elektrisõidukite juhtivuslik laadimine. Osa 3: Kontaktsõrmedel ja -pesadel põhinevate alalisvoolu- ja vahelduvvoolu/alalisvoolu-sõiduki-pistikühenduste mõõtmelise ühilduvuse ja vahetatavuse nõuded
Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 3: Dimensional compatibility and interchangeability requirements for d.c. and a.c./d.c. pin and contact-tube vehicle couplers

Keel: en
Alusdokumendid: IEC 62196-3:2014; EN 62196-3:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 62196-3:2022
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 15611:2020
Raudteealased rakendused. Pidurdamine. Releeklapid
Railway applications - Braking - Relay valves

Keel: en
Alusdokumendid: EN 15611:2020
Asendatud järgmise dokumendiga: EVS-EN 15611:2020+A1:2022
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 12312-15:2020
Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 15: Pagasi ja seadmete veovahendid
Aircraft ground support equipment - Specific requirements - Part 15: Baggage and equipment tractors

Keel: en
Alusdokumendid: EN 12312-15:2020
Asendatud järgmise dokumendiga: EVS-EN 12312-15:2020+A1:2022
Standardi staatus: Kehtetu

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN 1493:2010
Sõidukitõstukid
Vehicle lifts

Keel: en
Alusdokumendid: EN 1493:2010
Asendatud järgmise dokumendiga: EVS-EN 1493:2022
Standardi staatus: Kehtetu

EVS-EN ISO 7623:2015
Steel cord conveyor belts - Cord-to-coating bond test - Initial test and after thermal treatment (ISO 7623:2015)

Keel: en
Alusdokumendid: ISO 7623:2015; EN ISO 7623:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 7623:2022
Standardi staatus: Kehtetu

65 PÕLLUMAJANDUS

CWA 16520:2012
Guide dog mobility instructor - Competences

Keel: en
Alusdokumendid: CWA 16520:2012
Standardi staatus: Kehtetu

EVS-EN 12580:2013
Mullaparandajad ja kasvukeskkond. Koguse määramine
Soil improvers and growing media - Determination of a quantity

Keel: en
Alusdokumendid: EN 12580:2013
Asendatud järgmise dokumendiga: EVS-EN 12580:2022
Standardi staatus: Kehtetu

EVS-EN 15238:2007
Soil improvers and growing media - Determination of quantity for materials with particle size greater than 60 mm

Keel: en
Alusdokumendid: EN 15238:2006
Asendatud järgmise dokumendiga: EVS-EN 15238:2022
Parandatud järgmise dokumendiga: EVS-EN 15238:2007/AC:2009
Standardi staatus: Kehtetu

EVS-EN 15238:2007/AC:2009
Soil improvers and growing media - Determination of quantity for materials with particle size greater than 60 mm

Keel: en
Alusdokumendid: EN 15238:2006/AC:2009
Asendatud järgmise dokumendiga: EVS-EN 15238:2022
Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 16923:2017
Foodstuffs - Determination of T-2 toxin and HT-2 toxin in cereals and cereal products for infants and young children by LC-MS/MS after SPE cleanup

Keel: en
Alusdokumendid: EN 16923:2017
Asendatud järgmise dokumendiga: EVS-EN 16923:2022
Standardi staatus: Kehtetu

EVS-ISO 7301:2021
Riis. Spetsifikatsioon
Rice - Specification (ISO 7301:2021, identical)

Keel: en
Alusdokumendid: ISO 7301:2021
Asendatud järgmise dokumendiga: EVS-EN ISO 7301:2022
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN ISO 13704:2008
Petroleum, petrochemical and natural gas industries - Calculation of heater-tube thickness in petroleum refineries

Keel: en
Alusdokumendid: ISO 13704:2007; EN ISO 13704:2007
Asendatud järgmise dokumendiga: EVS-EN ISO 13704:2022
Parandatud järgmise dokumendiga: EVS-EN ISO 13704:2008/AC:2009
Standardi staatus: Kehtetu

EVS-EN ISO 13704:2008/AC:2009
Petroleum, petrochemical and natural gas industries - Calculation of heater-tube thickness in petroleum refineries

Keel: en
Alusdokumendid: ISO 13704:2007/Cor.1:2008; EN ISO 13704:2007/AC:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 13704:2022
Standardi staatus: Kehtetu

EVS-EN ISO 18122:2015
Solid biofuels - Determination of ash content (ISO 18122:2015)

Keel: en
Alusdokumendid: ISO 18122:2015; EN ISO 18122:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 18122:2022
Standardi staatus: Kehtetu

EVS-EN ISO 3679:2015
Determination of flash no-flash and flash point - Rapid equilibrium closed cup method (ISO 3679:2015)

Keel: en
Alusdokumendid: ISO 3679:2015; EN ISO 3679:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 3679:2022
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN ISO 14284:2003
Steel and iron - Sampling and preparation of samples for the determination of chemical composition

Keel: en
Alusdokumendid: ISO 14284:1996; EN ISO 14284:2002
Asendatud järgmise dokumendiga: EVS-EN ISO 14284:2022
Standardi staatus: Kehtetu

EVS-EN ISO 9227:2017
Corrosion tests in artificial atmospheres - Salt spray tests (ISO 9227:2017)

Keel: en
Alusdokumendid: ISO 9227:2017; EN ISO 9227:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 9227:2022
Standardi staatus: Kehtetu

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EVS-EN 725-2:2007
Advanced technical ceramics - Methods of test for ceramic powders - Part 2: Determination of impurities in barium titanate

Keel: en
Alusdokumendid: EN 725-2:2007
Asendatud järgmise dokumendiga: EVS-EN ISO 21813:2022
Standardi staatus: Kehtetu

85 PABERITEHNOLOOGIA

EVS-EN 20187:2000
Paber, papp ja tehnilised tselluloosid. Konditsioneerimise ja teimimise standardkeskkond ning keskkonnaseire ja proovide konditsioneerimise protseduur
Paper, board and pulps - Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples

Keel: en
Alusdokumendid: ISO 187:1990; EN 20187:1993
Asendatud järgmise dokumendiga: EVS-EN ISO 187:2022
Standardi staatus: Kehtetu

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN 13300:2001
Paints and varnishes - Water-borne coating materials and coating systems for interior walls and ceilings - Classification

Keel: en
Alusdokumendid: EN 13300:2001 + AC:2002
Asendatud järgmise dokumendiga: EVS-EN 13300:2022
Standardi staatus: Kehtetu

EVS-EN 927-2:2014
Paints and varnishes - Coating materials and coating systems for exterior wood - Part 2: Performance specification

Keel: en
Alusdokumendid: EN 927-2:2014
Asendatud järgmise dokumendiga: EVS-EN 927-2:2022
Standardi staatus: Kehtetu

EVS-EN ISO 1522:2007
Paints and varnishes - Pendulum damping test

Keel: en
Alusdokumendid: ISO 1522:2006; EN ISO 1522:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 1522:2022
Standardi staatus: Kehtetu

EVS-EN ISO 3679:2015
Determination of flash no-flash and flash point - Rapid equilibrium closed cup method (ISO 3679:2015)

Keel: en
Alusdokumendid: ISO 3679:2015; EN ISO 3679:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 3679:2022
Standardi staatus: Kehtetu

EVS-EN ISO 4628-5:2016

Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 5: Assessment of degree of flaking (ISO 4628-5:2016)

Keel: en
Alusdokumendid: ISO 4628-5:2016; EN ISO 4628-5:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 4628-5:2022
Standardi staatus: Kehtetu

EVS-EN ISO 7784-3:2016

Paints and varnishes - Determination of resistance to abrasion - Part 3: Method with abrasive-paper covered wheel and linearly reciprocating test specimen (ISO 7784-3:2016)

Keel: en
Alusdokumendid: ISO 7784-3:2016; EN ISO 7784-3:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 7784-3:2022
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 1608:2013

Thermal insulating products for building applications - Determination of tensile strength parallel to faces

Keel: en
Alusdokumendid: EN 1608:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 29766:2022
Standardi staatus: Kehtetu

EVS-EN 303-5:2021

Küttekatlad. Osa 5: Käsitsi ja automaatselt köetavad tahkekütusekatlad nimisoojustootlikkusega kuni 500 kW. Mõisted, nõuded, katsetamine ja märgistus
Heating boilers - Part 5: Heating boilers for solid fuels, manually and automatically stoked, nominal heat output of up to 500 kW - Terminology, requirements, testing and marking

Keel: en, et
Alusdokumendid: EN 303-5:2021
Asendatud järgmise dokumendiga: EVS-EN 303-5:2021+A1:2022
Standardi staatus: Kehtetu

EVS-EN 823:2013

Thermal insulating products for building applications - Determination of thickness

Keel: en
Alusdokumendid: EN 823:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 29466:2022
Standardi staatus: Kehtetu

EVS-EN 826:2013

Thermal insulating products for building applications - Determination of compression behaviour

Keel: en
Alusdokumendid: EN 826:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 29469:2022
Standardi staatus: Kehtetu

EVS-EN 985:2002

Tekstiilpõrandakatted. Katse mööblirattaga
Textile floor coverings - Castor chair test

Keel: en
Alusdokumendid: EN 985:2001
Standardi staatus: Kehtetu

93 RAJATISED

EVS-EN 13481-2:2012+A1:2017

Raudteealased rakendused. Rööbastee. Nõuded kinnitussüsteemide tööomadustele. Osa 2: Betoonist liiprite kinnitussüsteemid
Railway applications - Track - Performance requirements for fastening systems - Part 2: Fastening systems for concrete sleepers

Keel: en, et
Alusdokumendid: EN 13481-2:2012+A1:2017
Asendatud järgmise dokumendiga: EVS-EN 13481-2:2022
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 1335-1:2020

Office furniture - Office work chair - Part 1: Dimensions - Determination of dimensions

Keel: en
Alusdokumendid: EN 1335-1:2020
Asendatud järgmise dokumendiga: EVS-EN 1335-1:2020+A1:2022
Standardi staatus: Kehtetu

EVS-EN 985:2002

Tekstiilpõrandakatted. Katse mööblirattaga
Textile floor coverings - Castor chair test

Keel: en
Alusdokumendid: EN 985:2001
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 7010:2020/prA4

Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 4 (ISO 7010:2019/Amd 4:2021)

Amendment to EN ISO 7010:2020

Keel: en
Alusdokumendid: ISO 7010:2019/Amd 4:2021; EN ISO 7010:2020/prA4
Muudab dokumenti: EVS-EN ISO 7010:2020
Muudab dokumenti: EVS-EN ISO 7010:2020+A1:2020
Muudab dokumenti: EVS-EN ISO 7010:2020+A1+A2+A3:2022

Arvamusküsitluse lõppkuupäev: 29.01.2023

EN ISO 7010:2020/prA5

Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 5 (ISO 7010:2019/Amd 5:2022)

Amendment to EN ISO 7010:2020

Keel: en
Alusdokumendid: ISO 7010:2019/Amd 5:2022; EN ISO 7010:2020/prA5
Muudab dokumenti: EVS-EN ISO 7010:2020
Muudab dokumenti: EVS-EN ISO 7010:2020+A1:2020
Muudab dokumenti: EVS-EN ISO 7010:2020+A1+A2+A3:2022

Arvamusküsitluse lõppkuupäev: 29.01.2023

EN ISO 7010:2020/prA6

Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 6 (ISO 7010:2019/Amd 6:2022)

Amendment to EN ISO 7010:2020

Keel: en
Alusdokumendid: ISO 7010:2019/Amd 6:2022; EN ISO 7010:2020/prA6
Muudab dokumenti: EVS-EN ISO 7010:2020
Muudab dokumenti: EVS-EN ISO 7010:2020+A1:2020
Muudab dokumenti: EVS-EN ISO 7010:2020+A1+A2+A3:2022

Arvamusküsitluse lõppkuupäev: 29.01.2023

EVS-ISO 8601-1/prA1

Kuupäev ja kellaaeg. Andmeesitus infovahetuses. Osa 1: Põhireeglid. Muudatus 1: Tehnilised parandused
Date and time — Representations for information interchange — Part 1: Basic rules — Amendment 1: Technical corrections

Standardi EVS-ISO 8601-1:2019 muudatus.

Keel: en
Alusdokumendid: ISO 8601-1:2019/Amd 1:2022
Muudab dokumenti: EVS-ISO 8601-1:2019

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN 12665
Light and lighting - Basic terms and criteria for specifying lighting requirements

This document defines basic terms and definitions for use in all lighting applications. This document also sets out a framework for the specification of lighting requirements, giving details of aspects that are to be considered when setting those requirements.

Keel: en
Alusdokumendid: prEN 12665
Asendab dokumenti: EVS-EN 12665:2018

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 81355-1:2022
Classification and designation of documents for plants, systems and equipment - Part 1: Rules and classification tables

This part of the 81355 International Standard, published jointly by IEC and ISO, provides rules and guidelines for the classification and designation of information based on its inherent content. This document is applicable for information used in the life cycle of a system, e.g., industrial plants, construction entities and equipment. This document defines classes of information and their codes (Information Class Code – ICC). The defined classes and codes provided are intended to be used as values associated with metadata, e.g., in information management systems (see IEC 82045-1 and IEC 82045-2). The rules, guidelines and classes are general and are applicable to all technical areas, for example mechanical engineering, electrical engineering, construction engineering and process engineering. They can be used for systems based on different technologies or for systems combining several technologies. This document is also a horizontal publication intended for use by technical committees in preparation of publications related to classification and designation of information in accordance with the principles laid down in IEC Guide 108.

Keel: en
Alusdokumendid: 3/1597/CDV; prEN IEC 81355-1:2022

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 13943
Fire safety - Vocabulary (ISO/DIS 13943:2022)

ISO 13943:2017 defines terminology relating to fire safety as used in ISO and IEC fire standards.

Keel: en
Alusdokumendid: ISO/DIS 13943; prEN ISO 13943
Asendab dokumenti: EVS-EN ISO 13943:2017

Arvamusküsitluse lõppkuupäev: 29.01.2023

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

prEN IEC 62506:2022
Methods for product accelerated testing

This International Standard provides guidance on the application of various accelerated test techniques for measurement or improvement of item reliability. Identification of potential failure modes that could be experienced in the use of an item and their mitigation is instrumental to ensure dependability of an item. The object of the methods is to either identify potential design weakness or provide information on item reliability, or to achieve necessary reliability/availability improvement, all within a compressed or accelerated period of time. This standard addresses accelerated testing of non-repairable and repairable systems. It can be used for probability ratio sequential tests, fixed duration tests and reliability improvement/growth tests, where the measure of reliability may differ from the standard probability of failure occurrence. This standard also extends to present accelerated testing or production screening methods that would identify weakness introduced into the item by manufacturing error, which could compromise item reliability.

Keel: en
Alusdokumendid: 56/1966/CDV; prEN IEC 62506:2022
Asendab dokumenti: EVS-EN 62506:2013

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 63339:2022
Unified reference model for smart manufacturing

This document specifies the unified reference model for smart manufacturing (URMSM) using a terminology and structure, and establishes criteria for creating reference models, as specializations, that support smart manufacturing. The terminology and structure comprise a set of common modelling elements, their associations, and conformance criteria. These common modelling elements address aspects and perspectives of products and production and their lifecycle considerations. The URMSM enables

an approach for creating multiple models based upon a reference modelthat is sufficient for understanding significant relationships among entities involved in smart manufacturing (SM) and for the development of standards and other specifications. The URMSM specifications in this document accommodate consistent, coherent, compatible specializations for relevant aspects of manufacturing systems consisting of equipment, products, and services within the domain of manufacturing. Provisions of this document are applicable for a new smart manufacturing reference model (SMRM) or elaboration of existing SMRM capabilities, for example, improving capabilities for analysis of opportunities and synthesis of technological advances, and improving interoperability of new and existing systems. This document is not intended to prescribe interoperability considerations or data schemas of models. Standardization of content relative to models will be the subject of other standards and texts specific to those model domains.

Keel: en
Alusdokumendid: 65/946/CDV; prEN IEC 63339:2022

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 41017

Facility management - Guidance on emergency preparedness and management of an epidemic (ISO/DIS 41017:2022)

The purpose of this guide is to ensure the health and safety of people through facility management in response to outbreaks in all types of workplaces, In order to achieve the normal operation of the organization at the same time, but also to assume the responsibility of society. This guide specifies the general, epidemic prevention and control strategy deployment, organization and leadership, epidemic prevention work requirements, resource guarantee, prevention and control process management, prevention and control supervision as well as improvement requirements of the facility management industry. This guide is applicable to the epidemic prevention and control work in the facility management industry.

Keel: en
Alusdokumendid: ISO/DIS 41017; prEN ISO 41017

Arvamusküsitluse lõppkuupäev: 29.01.2023

07 LOODUS- JA RAKENDUSTEADUSED

prEN ISO 19749

Nanotechnologies - Measurements of particle size and shape distributions by scanning electron microscopy (ISO 19749:2021)

This document specifies methods of determining nanoparticle size and shape distributions by acquiring and evaluating scanning electron microscope images and by obtaining and reporting accurate results. This document applies to particles with a lower size limit that depends on the required uncertainty and on the suitable performance of the SEM, which is to be proven first -according to the requirements described in this document. This document applies also to SEM-based size and shape measurements of larger than nanoscale particles.

Keel: en
Alusdokumendid: ISO 19749:2021; prEN ISO 19749

Arvamusküsitluse lõppkuupäev: 29.01.2023

11 TERVISEHOOLDUS

EN IEC 80601-2-49:2019/prA1:2022

Amendment 1 - Medical electrical equipment - Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitors

Amendment to EN IEC 80601-2-49:2019

Keel: en
Alusdokumendid: 62D/1991/CDV; EN IEC 80601-2-49:2019/prA1:2022
Muudab dokumenti: EVS-EN IEC 80601-2-49:2019

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 60601-2-16:2022

Medical electrical equipment - Part 2-16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment

Clause 1 of the general standard1 applies, except as follows: 201.1.1 Scope Replacement: This part of IEC 60601 applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of HAEMODIALYSIS, HAEMODIAFILTRATION and HAEMOFILTRATION EQUIPMENT, hereafter referred to as HAEMODIALYSIS EQUIPMENT. It applies to HAEMODIALYSIS EQUIPMENT intended for use either by medical staff or under the supervision of medical experts, including HAEMODIALYSIS EQUIPMENT operated by the PATIENT, regardless of whether the HAEMODIALYSIS EQUIPMENT is used in a hospital or domestic environment. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. This document does not take into consideration specific safety details of the DIALYSIS FLUID control system of HAEMODIALYSIS EQUIPMENT using regeneration of DIALYSIS FLUID or CENTRAL DELIVERY SYSTEMS for DIALYSIS FLUID. It does, however, take into consideration the specific safety requirements of such HAEMODIALYSIS EQUIPMENT concerning electrical safety and PATIENT safety. This document specifies the minimum safety requirements for

HAEMODIALYSIS EQUIPMENT. These HAEMODIALYSIS EQUIPMENT are intended for use either by medical staff or for use by the PATIENT or other trained personnel under medical supervision. This document includes all ME EQUIPMENT that is intended to deliver a HAEMODIALYSIS, HAEMODIAFILTRATION and HAEMOFILTRATION treatment to a PATIENT, independent of the treatment duration and location. If applicable, this document applies to the relevant parts of ME EQUIPMENT intended for other extracorporeal blood purification treatments. The particular requirements in this document do not apply to: – EXTRACORPOREAL CIRCUITS (see ISO 8637-2, [5]2); – DIALYSERS (see ISO 8637-1, [4]); – DIALYSIS FLUID CONCENTRATES (see ISO 23500-4, [11]); – pre-manufactured DIALYSIS FLUID bags; – DIALYSIS WATER supply systems (see ISO 23500-2, [9]); – CENTRAL DELIVERY SYSTEMS for DIALYSIS FLUID CONCENTRATES (see ISO 23500-4, [11]), described as systems for bulk mixing concentrate at a dialysis facility ; – equipment used to perform PERITONEAL DIALYSIS (see IEC 60601-2-39, [2]).

Keel: en
Alusdokumendid: 62D/1988/CDV; prEN IEC 60601-2-16:2022
Asendab dokumenti: EVS-EN IEC 60601-2-16:2019

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 60601-2-34:2022

Medical electrical equipment - Part 2-34: Particular requirements for the basic safety and essential performance of invasive blood pressure monitoring equipment

Clause 1 of the general standard1 applies, except as follows: 201.1.1 Scope Replacement: This particular standard applies to BASIC SAFETY and ESSENTIAL PERFORMANCE of INVASIVE BLOOD PRESSURE MONITORING EQUIPMENT as defined in 201.3.63, hereinafter also referred to as ME EQUIPMENT. This document applies to INVASIVE BLOOD PRESSURE MONITORING EQUIPMENT intended for use in professional healthcare facilities and in the EMERGENCY MEDICAL SERVICE ENVIRONMENT. This particular standard does not apply to catheter tubing, catheter needles, Luer locks, taps and tap tables that connect to the DOME. This particular standard does not apply to non-invasive blood pressure monitoring equipment. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as follows: The clause or subclause applies to ME EQUIPMENT, as default. For ME EQUIPMENT with the corresponding safety measure or function not completely integrated into the ME EQUIPMENT but instead implemented in an ME SYSTEM, the ME EQUIPMENT MANUFACTURER shall specify in the ACCOMPANYING DOCUMENTS which functionality and safety requirements shall be provided by the ME SYSTEM to comply with this standard. The ME SYSTEM has to be verified accordingly.

Keel: en
Alusdokumendid: 62D/1990/CDV; prEN IEC 60601-2-34:2022
Asendab dokumenti: EVS-EN 60601-2-34:2014
Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 60601-2-39:2022

Medical electrical equipment - Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment

Clause 1 of the general standard applies, except as follows: 201.1.1 Scope Replacement: This part of IEC 60601 applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of PERITONEAL DIALYSIS ME EQUIPMENT, hereafter referred to as PD EQUIPMENT. It applies to PD EQUIPMENT intended for use either by medical staff or under the supervision of medical experts, including PD EQUIPMENT operated by the PATIENT, regardless of whether the PD EQUIPMENT is used in a hospital or domestic environment. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. This document does not take into consideration specific safety details of the DIALYSING SOLUTION control system of PD EQUIPMENT using regeneration of DIALYSING SOLUTION or CENTRAL DELIVERY SYSTEMS for DIALYSING SOLUTION. It does, however, take into consideration the specific safety requirements of such PD EQUIPMENT concerning electrical safety and PATIENT safety. This document specifies the minimum safety requirements for PD EQUIPMENT. These PD EQUIPMENT are intended for use either by medical staff or for use by the PATIENT or other trained personnel under medical supervision. This document includes all ME EQUIPMENT that is intended to deliver a PERITONEAL DIALYSIS treatment to a PATIENT, independent of the treatment duration and location. These particular requirements do not apply to pre-manufactured DIALYSING SOLUTION bags, DIALYSING SOLUTION CIRCUITS and DIALYSING SOLUTION CONCENTRATE.

Keel: en
Alusdokumendid: 62D/1992/CDV; prEN IEC 60601-2-39:2022
Asendab dokumenti: EVS-EN IEC 60601-2-39:2019
Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 10555-1

Intravascular catheters - Sterile and single-use catheters - Part 1: General requirements (ISO/DIS 10555-1:2022)

This document specifies general requirements for intravascular catheters, supplied sterile and intended for single use, for any application. This document is not applicable to intravascular catheter accessories, e.g. those covered by ISO 11070.

Keel: en
Alusdokumendid: ISO/DIS 10555-1; prEN ISO 10555-1
Asendab dokumenti: EVS-EN ISO 10555-1:2013
Asendab dokumenti: EVS-EN ISO 10555-1:2013/A1:2017

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 10555-4

Intravascular catheters - Sterile and single-use catheters - Part 4: Balloon dilatation catheters (ISO/DIS 10555-4:2022)

This document specifies requirements for balloon dilatation catheters supplied sterile and intended for single use. This document does not specify requirements for vascular stents (see ISO 25539-2). NOTE Guidance on the selection of balloon materials is given in Annex G.

Keel: en
Alusdokumendid: ISO/DIS 10555-4; prEN ISO 10555-4
Asendab dokumenti: EVS-EN ISO 10555-4:2013

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 11608-5

Needle-based injection systems for medical use - Requirements and test methods - Part 5: Automated functions (ISO 11608-5:2022)

This part of ISO 11608 specifies requirements and test methods for needle-based injection systems with automated functions (referred to in the standard as NIS-AUTO), for the administration of medicinal products in humans. This document does not cover remote communication from the NIS-AUTO.

Keel: en
Alusdokumendid: ISO 11608-5:2022; prEN ISO 11608-5
Asendab dokumenti: EVS-EN ISO 11608-5:2012

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 14375

Child-resistant non-reclosable packaging for pharmaceutical products - Requirements and testing (ISO 14375:2018)

This document specifies performance requirements and methods of test for non-reclosable packaging that have been designated child-resistant. This document is intended for type approval only (see 3.5) and is not intended for quality assurance purposes.

Keel: en
Alusdokumendid: ISO 14375:2018; prEN ISO 14375

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 23500-1

Preparation and quality management of fluids for haemodialysis and related therapies - Part 1: General requirements (ISO/DIS 23500-1:2022)

1.1 General This document is the base standard for a number of other standards dealing with water treatment equipment, water, dialysis water, concentrates, and dialysis fluid (ISO 23500 series) and provides dialysis practitioners with guidance on the preparation of dialysis fluid for haemodialysis and related therapies and substitution fluid for use in online therapies, such as haemodiafiltration and haemofiltration. As such, this document functions as a recommended practice. This document does not address clinical issues that might be associated with inappropriate usage of the water, dialysis water, concentrates, or dialysis fluid. Healthcare professionals involved in the provision of treatment for kidney failure should make the final decision regarding the applications with which these fluids are used, for example, haemodialysis, haemodiafiltration, high-flux haemodialysis, and the reprocessing of dialysers, and need to be aware of the issues that the use of inappropriate fluid quality raises in each of the therapies. The concepts incorporated in this document should not be considered inflexible or static. The recommendations presented here should be reviewed periodically in order to assimilate increased understanding of the role of dialysis fluid purity in patient outcomes and technological developments. 1.2 Inclusions This document addresses the user's responsibility for dialysis fluid once the equipment used in its preparation has been delivered and installed. For the purposes of this document, dialysis fluid includes: a) dialysis water (see 3.17 for definition) used for the preparation of dialysis fluid and substitution fluid, b) dialysis water used for the preparation of concentrates at the user's facility, c) concentrates, d) the final dialysis fluid and substitution fluid. The scope of this document includes a) the quality management of equipment used to treat and distribute water used for the preparation of dialysis fluid and substitution fluid, from the point at which municipal water enters the dialysis facility to the point at which the final dialysis fluid enters the dialyser or the point at which substitution fluid is infused, b) equipment used to prepare concentrate from powder or other highly concentrated media at a dialysis facility, and c) preparation of the final dialysis fluid or substitution fluid from dialysis water and concentrates. NOTE Because water used to prepare dialysis fluid can also be used to reprocess dialysers not marked intended for single use, this aspect of water use is also covered by this document. 1.3 Exclusions This document does not apply to sorbent-based dialysis fluid regeneration systems that regenerate and recirculate small volumes of dialysis fluid, systems for continuous renal replacement therapy that use pre-packaged solutions, and systems and solutions for peritoneal dialysis.

Keel: en
Alusdokumendid: ISO/DIS 23500-1; prEN ISO 23500-1
Asendab dokumenti: EVS-EN ISO 23500-1:2019

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 23500-2

Preparation and quality management of fluids for haemodialysis and related therapies - Part 2: Water treatment equipment for haemodialysis applications and related therapies (ISO/DIS 23500-2:2022)

1.1 General This document is addressed to the manufacturer and/or supplier of water treatment systems and/or devices used for the express purpose of providing water for haemodialysis or related therapies. 1.2 Inclusions This document covers devices used to treat potable water intended for use in the delivery of haemodialysis and related therapies, including water used for: a) the preparation of concentrates from powder or other highly concentrated media at a dialysis facility; b) the preparation of dialysis fluid, including dialysis fluid that can be used for the preparation of substitution fluid; c) the reprocessing of dialysers intended for single use where permitted for multiple uses, d) the reprocessing of dialysers not specifically marked as intended for single use. This document includes all devices, piping and fittings between the point at which potable water is delivered to the water treatment system, and the point of use of the dialysis water. Examples of the devices are water purification devices, online water quality monitors (such as conductivity monitors), and piping systems for the distribution of dialysis water. 1.3 Exclusions This document excludes dialysis fluid supply systems that proportion water and concentrates to produce dialysis fluid, sorbent dialysis fluid regeneration systems that regenerate and recirculate small volumes of the dialysis fluid, dialysis concentrates, haemodiafiltration systems, haemofiltration systems, systems that process dialysers for multiple uses, and peritoneal dialysis systems. Some of these devices, such as dialysis fluid delivery systems and concentrates, are addressed in other documents such as ISO 23500-4 and ISO 23500-5, This document also excludes the on-going surveillance of the purity of water used for dialysis fluid, concentrate preparation, or dialyser reprocessing which is addressed in ISO 23500-1.

Keel: en
Alusdokumendid: ISO/DIS 23500-2; prEN ISO 23500-2
Asendab dokumenti: EVS-EN ISO 23500-2:2019

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 23500-3

Preparation and quality management of fluids for haemodialysis and related therapies - Part 3: Water for haemodialysis and related therapies (ISO/DIS 23500-3:2022)

This document specifies minimum requirements for water to be used in haemodialysis and related therapies. This document includes water to be used in the preparation of concentrates, dialysis fluids for haemodialysis, haemodiafiltration and haemofiltration, and for the reprocessing of haemodialysers. This document excludes the operation of water treatment equipment and the final mixing of treated water with concentrates to produce dialysis fluid. Those operations are the sole responsibility of dialysis professionals. This document does not apply to dialysis fluid regenerating systems.

Keel: en
Alusdokumendid: ISO/DIS 23500-3; prEN ISO 23500-3
Asendab dokumenti: EVS-EN ISO 23500-3:2019

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 23500-4

Preparation and quality management of fluids for haemodialysis and related therapies - Part 4: Concentrates for haemodialysis and related therapies (ISO/DIS 23500-4:2022)

This document specifies minimum requirements for concentrates used for haemodialysis and related therapies. This document is addressed to the manufacturer of such concentrates. In several instances in this document, the dialysis fluid is addressed, which is made by the end user, to help clarify the requirements for manufacturing concentrates. Because the manufacturer of the concentrate does not have control over the final dialysis fluid, any reference to dialysis fluid is for clarification and is not a requirement of the manufacturer. This document includes concentrates in both liquid and powder forms. It also includes additives, also called spikes, which are chemicals that can be added to the concentrate to supplement or increase the concentration of one or more of the existing ions in the concentrate and thus in the final dialysis fluid. This document also specifies requirements for equipment used to mix acid and bicarbonate powders into concentrate at the user's facility. Concentrates prepared from pre-packaged salts and water at a dialysis facility for use in that facility are excluded from the scope of this document. Although references to dialysis fluid appear herein, this document does not address dialysis fluid as made by the end user. This document also excludes requirements for the surveillance frequency of water purity used for the making of dialysis fluid by the dialysis facility. This document does not address bags of sterile dialysis fluid or sorbent dialysis fluid regeneration systems that regenerate and recirculate small volumes of the dialysis fluid. This document does not cover the dialysis fluid that is used to clinically dialyse patients. Dialysis fluid is covered in ISO 23500-5. The making of dialysis fluid involves the proportioning of concentrate and water at the bedside or in a central dialysis fluid delivery system. Although the label requirements for dialysis fluid are placed on the labelling of the concentrate, it is the user's responsibility to ensure proper use. This document does not cover haemodialysis equipment, which is addressed in IEC 60601-2-16:2012.

Keel: en
Alusdokumendid: ISO/DIS 23500-4; prEN ISO 23500-4
Asendab dokumenti: EVS-EN ISO 23500-4:2019

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 23500-5

Preparation and quality management of fluids for haemodialysis and related therapies - Part 5: Quality of dialysis fluid for haemodialysis and related therapies (ISO/DIS 23500-5:2022)

This document specifies minimum quality requirements for dialysis fluids used in haemodialysis and related therapies. This document includes dialysis fluids used for haemodialysis and haemodiafiltration, including substitution fluid for haemodiafiltration

and haemofiltration. This document excludes the water and concentrates used to prepare dialysis fluid or the equipment used in its preparation. Those areas are covered by other International Standards. Sorbent-based dialysis fluid regeneration systems that regenerate and recirculate small volumes of dialysis fluid, systems for continuous renal replacement therapy that use pre-packaged solutions, and systems and solutions for peritoneal dialysis are excluded from this document.

Keel: en
Alusdokumendid: ISO/DIS 23500-5; prEN ISO 23500-5
Asendab dokumenti: EVS-EN ISO 23500-5:2019

Arvamusküsitluse lõppkuupäev: 29.01.2023

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 50194-1

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

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

Keel: en
Alusdokumendid: prEN 50194-1
Asendab dokumenti: EVS-EN 50194-1:2009

Arvamusküsitluse lõppkuupäev: 30.12.2022

prEN 795

Personal fall protection equipment - Anchor devices

This European Standard specifies requirements for performance and associated test methods for single-user anchor devices which are not permanently secured to the structure. These anchor devices incorporate stationary or travelling (mobile) anchor points designed for the attachment of components of a personal fall protection system in accordance with EN 363:2018. This European Standard also gives requirements for marking and instructions for use, and guidance on installation. This European Standard is not applicable to: - anchor devices intended to allow more than one user to be attached at any one time; - anchor devices used in any sports or recreational activity; - equipment designed to conform to EN 516:2006; - permanent anchor devices and roof safety hooks conforming to EN 17235; - elements or parts of structures which were installed for use other than as anchor points or anchor devices, e.g., beams, girders; - structural anchors (see 3.3).

Keel: en
Alusdokumendid: prEN 795
Asendab dokumenti: EVS-EN 795:2012

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 63458-1:2022

High Pressure Water Jet Machines - Safety - Part 1: High Pressure Water Jet Unit

This document contains safety-related requirements for high pressure water jet units with drives of all kinds (e.g. electric motor, internal combustion engine, air and hydraulic) in which pumps are used to generate pressure. This document deals with all significant hazards, hazardous situations and events arising during assembly, erection, operation and servicing relevant to high pressure water jet units, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer. All references to high-pressure water jet units within this document includes machines for one or more of the following industrial applications: – cleaning; – surface preparation; – material removal; – readjustment of concrete; – cutting. NOTE 1 List of significant hazards is given in informative Annex B. This document applies to mobile and fixed high pressure water jet units, in which the water pressure is generated by a pressure generator/pump and in which the maximum allowable working pressure is more than the upper limit fixed in the scope of IEC 60335-2-79. NOTE 2 35 MPa is currently the upper limit for machines covered by IEC 60335-2–79. This document does not cover: – high pressure cleaners which are dealt with in IEC60335-

2-54; NOTE 3 IEC 60335-2–54 applies to steam cleaners for household use. IEC 60335-2–79 applies to high pressure cleaners having a rated pressure not less than 2,5 MPa and not exceeding 35 MPa, as well as steam cleaners and those parts of hot water high pressure cleaners incorporating a steam stage which have a capacity not exceeding 100 l, a rated pressure not exceeding 2,5 MPa and a product of capacity and rated pressure not exceeding 5 MPa. – additional hazards due to the incorporation of high pressure water jet units into other process-technology machines; – specific hazards associated with explosive atmospheres, use on ships or ambient temperatures outside the range 5 °C to 40 °C; – hazard due to the nature of liquids used for jetting, other than that due to pressure; – hazards associated with the drives or specific hazards due to any heat generation function. However, the hazards due to high temperatures of touchable surfaces are dealt with; – high pressure water jet units which are manufactured before the date of its publication as IEC; – high pressure water jet hoses which are covered by IEC 63458-2; – high pressure water jet spraying device which are covered by IEC 63458-3; Tests according to this document are type tests unless they relate to routi ne (informative) tests to be carried out during series manufacture. NOTE 4 Routine tests are described in informative Annex A. Compliance with IEC 63458-1, IEC 63458-2 and IEC 63458-3 provide the full requirements for high-pressure water jet machine.

Keel: en
Alusdokumendid: 61J/762/CDV; prEN IEC 63458-1:2022

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 63458-2:2022

High Pressure Water Jet Machines - Safety - Part 2: High Pressure hoses, hose lines and connectors

This document applies to hoses, hose lines and connectors intended to be used with high-pressure water jet units within the scope of IEC 63458-1. This document deals with all significant hazards, hazardous situations and events relevant to the equipment in the scope, when it is used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see clause 4). This document deals with safety requirements to minimize the significant hazards which can arise from assembling, operating and servicing of hoses, hose lines and connectors for use with high-pressure water jet machines (see clause 5). NOTE 1 This document does not cover leak shields since they are not part of a hose line. The hazard due to scalding from hot liquid or from irritation / burning of any added chemicals is not covered in this document. Compliance with IEC 63458-1, IEC 63458-2 and IEC 63458-3 provide the full requirements for high pressure water jet machine.

Keel: en
Alusdokumendid: 61J/763/CDV; prEN IEC 63458-2:2022

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 63458-3:2022

High Pressure Water Jet Machines - Safety - Part 3: High Pressure Spraying Device

This document contains safety-related requirements for spraying devices for high pressure water jet units with drives of all kinds (e.g. electric motor, internal combustion engine, air and h ydraulic) in which pumps are used to generate pressure. This document deals with all significant hazards, hazardous situations and events arising during assembly, erection, operation and servicing relevant to spraying devices for high pressure water jet units, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer. All references to spraying devices for high pressure water jet units within this document includes machines for one or more of the following industrial applications: – cleaning; – surface preparation; – material removal; – readjustment of concrete; – cutting. NOTE 1 List of significant hazards is given in informative Annex B. This document applies to spraying devices for mobile and fixed high pressure water jet units, in which the water pressure is generated by a pressure generator/pump and in which the maximum allowable working pressure is more than the upper limit fixed in the scope of IEC 60335 -2-79. NOTE 2 35 MPa is currently the upper limit for machines covered by IEC 60335-2–79. This document does not cover: – high pressure cleaners which are dealt with in IEC 60335-2-54; NOTE 3 IEC EN 60335-2–54 applies to steam cleaners for household use. IEC EN 60335-2–79 applies to high pressure cleaners having a rated pressure not less than 2,5 MPa and not exceeding 35 MPa, as well as steam cleaners and those parts of hot water high pressure cleaners incorporating a steam stage which have a capacity not exceeding 100 l, a rated pressure not exceeding 2,5 MPa and a product of capacity and rated pressure not exceeding 5 MPa. – additional hazards due to the incorporation of high pressure water jet units into other process technology machines; – specific hazards associated with explosive atmospheres, use on ships or ambient temperatures outside the range 5 °C to 40 °C; – hazard due to the nature of liquids used for jetting, other than that due to pressure; – hazards associated with the drives or specific hazards due to any heat generation function. However, the hazards due to high temperatures of touchable surfaces are dealt with; – high pressure water jet units which are manufactured before the date of its publication as IEC; – high pressure water jet hoses which are covered by IEC 63458-2; – high pressure water jet spraying device which are covered by IEC 63458-3; Tests according to this document are type tests unless they relate to routine (informative) tests to be carried out during series manufacture. Compliance with IEC 63458-1, IEC 63458-2 and IEC 63458-3 provide the full requirements for high pressure water jet machine.

Keel: en
Alusdokumendid: 61J/764/CDV; prEN IEC 63458-3:2022

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 13943

Fire safety - Vocabulary (ISO/DIS 13943:2022)

ISO 13943:2017 defines terminology relating to fire safety as used in ISO and IEC fire standards.

Keel: en
Alusdokumendid: ISO/DIS 13943; prEN ISO 13943
Asendab dokumenti: EVS-EN ISO 13943:2017

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 19085-13

Woodworking machines - Safety - Part 13: Multi-blade rip sawing machines with manual loading and/or unloading (ISO/DIS 19085-13:2022)

This document specifies the safety requirements and measures for multi-blade rip sawing machines with manual loading and/or unloading (defined in 3.1) capable of continuous production use, hereinafter referred to also as “machines”, designed to cut solid wood and materials with similar physical characteristics to wood. It deals with all significant hazards, hazardous situations and events as listed in Annex A, relevant to the machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Transport, assembly, dismantling, disabling and scrapping phases are also taken into account. This document does not deal with specific hazards related to the combination of single machines with any other machine as part of a line. It is not applicable to machines: — with all saw blades spindles mounted below the workpiece support/level only; — intended for use in potentially explosive atmosphere; — manufactured prior to its publication.

Keel: en
Alusdokumendid: ISO/DIS 19085-13; prEN ISO 19085-13
Asendab dokumenti: EVS-EN ISO 19085-13:2020

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 19085-15

Woodworking machines - Safety - Part 15: Presses (ISO/DIS 19085-15:2022)

This document gives the safety requirements and measures for stationary: — cold presses; — hot presses; — bending presses; — edge/face gluing presses; — membrane presses; — embossing presses; where the pressing force is applied by hydraulic actuators pushing two flat or shaped surfaces against each other, capable of continuous production use, hereinafter referred to as "machines". It deals with all significant hazards, hazardous situations and events as listed in Annex A, relevant to machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer, including reasonably foreseeable misuse. Also, transport, assembly, dismantling, disabling and scrapping phases are taken into account. It is also applicable to machines fitted with one or more of the following devices/additional working units, whose hazards have been dealt with: a) device for hot gluing; b) device for high-frequency gluing; c) device for high-frequency shaping; d) automatic workpiece loading and unloading system; e) intermediate additional platens; f) workpiece extractor; g) workpiece clamping pressure beam; h) split moveable platens. The machines are designed to process workpieces consisting of: 1) solid wood; 2) materials with similar characteristics to wood (see ISO 19085 1:2021, 3.2); 3) honeycomb board. This document does not deal with any hazards related to: — specific devices that differ from the list above; — hot fluid heating systems internal to the machine other than electrical; — any hot fluid heating systems external to the machine; — operation of taking intermediate platens out and in again; — the combination of a single machine being used with any other machine (as part of a line). It is not applicable to: — frame presses; — membrane presses where the pressing force is applied by vacuum only; — presses for producing chipboard, fibreboard, OSB; — machines intended for use in potentially explosive atmosphere; — machines manufactured before the date of its publication as an international standard.

Keel: en
Alusdokumendid: ISO/DIS 19085-15; prEN ISO 19085-15
Asendab dokumenti: EVS-EN ISO 19085-15:2021

Arvamusküsitluse lõppkuupäev: 29.01.2023

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN IEC 60455-2:2022

Resin based reactive compounds used for electrical insulation - Part 2: Methods of test

This part of IEC 60455 specifies methods of test to be used for testing resin based reactive compounds, their components and cured compounds used for electrical insulation.

Keel: en
Alusdokumendid: 15/978/CDV; prEN IEC 60455-2:2022
Asendab dokumenti: EVS-EN 60455-2:2015

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 62057-3:2022

Test equipment, techniques and procedures for electrical energy meters - Part 3: Automatic Meter Testing System (AMTS)

This part of IEC 62057 applies to Automatic Meter Testing System (AMTS) permanently installed in a controlled environment. It covers the functions, technical requirements and acceptance methods of AMTS. And it applies to newly manufactured AMTS to test static active/reactive energy meters on 50 Hz or 60 Hz networks with an AC voltage up to 1000V (phase to neutral). NOTE The controlled environment refers to places that meet the test requirements of meters. This document defines the kind of AMTS that can continuously and automatically carry out all the test items specified in IEC 62058-31:2008, including visual inspection, AC voltage test, no-load condition, starting current, accuracy and meter constant test. This document does not apply to: • data interfaces to the meter and test procedures of data interface; • industrial controllers, industrial personal computers, and servers supplied along with the AMTS.

Keel: en
Alusdokumendid: 13/1874/CDV; prEN IEC 62057-3:2022

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 62631-3-2:2022

Dielectric and resistive properties of solid insulating materials - Part 3-2: Determination of resistive properties (DC methods) - Surface resistance and surface resistivity

This part of IEC 62631 describes methods of test for the determination of surface resistance and surface resistivity of electrical insulation materials by applying DC voltage.

Keel: en
Alusdokumendid: 112/585/CDV; prEN IEC 62631-3-2:2022
Asendab dokumenti: EVS-EN 62631-3-2:2016

Arvamusküsitluse lõppkuupäev: 29.01.2023

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

prEN IEC 62506:2022

Methods for product accelerated testing

This International Standard provides guidance on the application of various accelerated test techniques for measurement or improvement of item reliability. Identification of potential failure modes that could be experienced in the use of an item and their mitigation is instrumental to ensure dependability of an item. The object of the methods is to either identify potential design weakness or provide information on item reliability, or to achieve necessary reliability/availability improvement, all within a compressed or accelerated period of time. This standard addresses accelerated testing of non-repairable and repairable systems. It can be used for probability ratio sequential tests, fixed duration tests and reliability improvement/growth tests, where the measure of reliability may differ from the standard probability of failure occurrence. This standard also extends to present accelerated testing or production screening methods that would identify weakness introduced into the item by manufacturing error, which could compromise item reliability.

Keel: en
Alusdokumendid: 56/1966/CDV; prEN IEC 62506:2022
Asendab dokumenti: EVS-EN 62506:2013

Arvamusküsitluse lõppkuupäev: 29.01.2023

25 TOOTMISTEHNOLOOGIA

prEN ISO/ASTM 52928

Additive manufacturing of metals - Feedstock materials - Powder life cycle management (ISO/ASTM DIS 52928:2022)

This document specifies requirements and describes aspects for the lifecycle management of metal feedstock materials for powder based additive manufacturing processes. Those aspects include: • Powder properties, • Powder lifecycle, • Test methods and • Powder quality assurance. Note : This document can be used by manufacturers of metal powders, purchasers of powder feedstock for additive manufacturing, those responsible for the quality assurance of additively manufactured parts and suppliers of measurement and testing equipment for characterizing metal powders for use in powder-based additive manufacturing processes

Keel: en
Alusdokumendid: ISO/ASTM DIS 52928; prEN ISO/ASTM 52928

Arvamusküsitluse lõppkuupäev: 29.01.2023

29 ELEKTROTEHNIKA

prEN IEC 60034-2-1:2022

Rotating electrical machines - Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles)

This part of IEC 60034 is intended to establish methods of determining efficiencies from tests, and also to specify methods of obtaining specific losses. This standard applies to d.c. machines and to a.c. synchronous and induction machines of all sizes within the scope of IEC 60034-1 rated for mains operation. NOTE These methods may be applied to other types of machines such as rotary converters, a.c. commutator motors and single-phase induction motors.

Keel: en
Alusdokumendid: 2/2108/CDV; prEN IEC 60034-2-1:2022
Asendab dokumenti: EVS-EN 60034-2-1:2014

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 60034-2-2:2022

Rotating electrical machines - Part 2-2: Specific methods for determining separate losses of large machines from tests - Supplement to IEC 60034-2-1

This part of IEC 60034 applies to large rotating electrical machines and establishes additional methods of determining separate losses and to define an efficiency supplementing IEC 60034-2-1. These methods apply when full-load testing is not practical and result in a greater uncertainty. NOTE In situ testing according to the calorimetric method for full-load conditions is recognized. The

specific methods described are: – Calibrated-machine method. – Retardation method. – Calorimetric method. – Summation of losses for permanent magnet excited synchronous machines.

Keel: en
Alusdokumendid: 2/2109/CDV; prEN IEC 60034-2-2:2022
Asendab dokumenti: EVS-EN 60034-2-2:2010

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 60034-2-3:2022

Rotating electrical machines - Part 2-3: Specific test methods for determining losses and efficiency of converter-fed AC motors

This part of IEC 60034 specifies test methods and an interpolation procedure for determining losses and efficiencies of converter-fed motors. The motor is then part of a variable frequency power drive system (PDS) as defined in IEC 61800-9-2. Applying the approach of the comparable converter, the motor efficiency determined by use of this document is applicable for comparison of different low voltage motor designs only. The comparable converter approach is not applicable to medium voltage motors. The document also specifies procedures to determine motor losses at any load point (torque, speed) within the constant flux range (constant torque range, base speed range), the field weakening range and the overload range based on determination of losses at seven standardized load points. This procedure is applicable to any variable speed AC motor (induction and synchronous) rated according to IEC 60034-1 for operation on a variable frequency and variable voltage power supply.

Keel: en
Alusdokumendid: 2/2110/CDV; prEN IEC 60034-2-3:2022
Asendab dokumenti: EVS-EN IEC 60034-2-3:2020

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 60455-2:2022

Resin based reactive compounds used for electrical insulation - Part 2: Methods of test

This part of IEC 60455 specifies methods of test to be used for testing resin based reactive compounds, their components and cured compounds used for electrical insulation.

Keel: en
Alusdokumendid: 15/978/CDV; prEN IEC 60455-2:2022
Asendab dokumenti: EVS-EN 60455-2:2015

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 60669-2-2:2022

Switches for household and similar fixed electrical installations - Part 2-2: Particular requirements - Electromagnetic remote-control switches (RCS)

This clause of part 1 is applicable except as follows: Replacement of the first paragraph by: This part of IEC 60669 applies to electromagnetic Remote Control Switches (hereinafter referred to as RCS) with a rated voltage not exceeding 440 V AC and a rated current not exceeding 63 A, intended for household and similar fixed electrical installations, either indoors or outdoors. For the control circuit, the rated control voltage does not exceed 440 V AC or 220 V DC. The RCS coil may or may not be permanently energized. Electronic RCS are within the scope of IEC 60669-2-1. RCS including only passive components such as resistors, capacitors, PTC and NTC components and printed circuit boards are not considered to be electronic RCS. Electromechanical contactors for household and similar purposes are within the scope of IEC 61095.

Keel: en
Alusdokumendid: 23B/1430/CDV; prEN IEC 60669-2-2:2022
Asendab dokumenti: EVS-EN 60669-2-2:2006

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 60669-2-3:2022

Switches for household and similar fixed electrical installations - Part 2-3: Particular requirements - Time-delay switches (TDS)

This clause of part 1 is applicable except as follows: Replacement of the first paragraph by: This part of IEC 60669 applies to time-delay switches (hereinafter referred to as TDS) with a rated voltage not exceeding 440 V AC and a rated current not exceeding 63 A, intended for household and similar fixed electrical installations, either indoors or outdoors, operated by hand and/or by remote control. For the control circuit, the rated control voltage does not exceed 440 V AC or 220 V DC. TDS are provided with a time-delay device operated by mechanical, thermal, pneumatic, hydraulic or electrical means or by a combination of them. Electronic TDS are within the scope of IEC 60669-2-1. TDS including only passive components such as resistors, capacitors, PTC and NTC components and printed circuit boards are not considered to be electronic TDS.

Keel: en
Alusdokumendid: 23B/1431/CDV; prEN IEC 60669-2-3:2022
Asendab dokumenti: EVS-EN 60669-2-3:2006

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 61558-2-10:2022

Safety of transformers, reactors, power supply units and combinations thereof - Part 2-10: Particular requirements and tests for separating transformers with high insulation level and separating transformers with output voltages exceeding 1 000 V

Replacement This part of IEC 61558 deals with the safety of separating transformers with high insulation level and separating transformers with output voltages exceeding 1 000 V. Transformers incorporating electronic circuits are also covered by this document. NOTE 1 Safety includes electrical, thermal and mechanical aspects. Unless otherwise specified, from here onward, the term transformer covers separating transformers with high insulation level and separating transformers with output voltages exceeding 1 000 V AC or 1 500 V DC. This document is applicable to stationary or portable, single-phase or polyphase, air-cooled (natural or forced) independent or associated dry-type transformers. The windings can be encapsulated or non-encapsulated. For power supply units (linear) this document is applicable. For switch mode power supply units, IEC 61558-2-16 is applicable together with this document. Where two requirements are in conflict, the most severe take precedence. The rated supply voltage does not exceed 1 000 V AC, and the rated supply frequency and the internal operating frequencies do not exceed 500 Hz. The rated output does not exceed: − 25 kVA for single-phase transformers; − 40 kVA for poly-phase transformers. This document is applicable to transformers without limitation of the rated output subject to an agreement between the purchaser and the manufacturer. Where applicable the no-load output voltage or the rated output voltage: − does not exceed 1 000 V AC or 1 500 V DC for separating transformers with high insulation level; − does exceed 1 000 V AC or 1 500 V DC and does not exceed 15 000 V AC or 15 000 V DC for separating transformer with output voltage exceeding 1 000 V. This document does not apply to: − transformers covered by IEC 60076-11; − neon transformers covered by IEC 61050 and − power supplies and converters for use with or in products according to IEC 61347-2-10. This document is not applicable to external circuits and their components intended to be connected to the input terminals and output terminals of the transformers. NOTE 2 Transformers covered by this document are used only in applications where double or reinforced insulation between circuits is not required by the installation rules or by the end product standard. NOTE 3 Normally, the transformers are intended to be used with equipment to provide voltages different from the supply voltage for the functional requirements of the equipment. The protection against electric shock can be provided (or completed) by other features of the equipment, such as the body. Parts of output circuits can be connected to the input circuits or to protective earthing. This document is applicable to transformers associated with specific equipment, to the extent decided upon by the relevant IEC technical committees. Attention is drawn to the following if necessary: − for reactors intended to be used in vehicles, on board ships, and aircraft, additional requirements (from other applicable standards, national rules, etc.); − measures to protect the enclosure and the components inside the enclosure against external influences such as fungus, vermin, termites, solar-radiation, and icing; − the different conditions for transportation, storage, and operation of the transformers; − additional requirements in accordance with other appropriate standards and national rules can be applicable to reactors intended for use in special environments. Future technological development of reactors can necessitate a need to increase the upper limit of the frequencies. Until then this document can be used as a guidance document. This group safety publication focusing on safety guidance is primarily intended to be used as a product safety standard for the products mentioned in the scope, but is also intended to be used by technical committees in the preparation of publications for products similar to those mentioned in the scope of this group safety publication, in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. One of the responsibilities of a technical committee is, wherever applicable, to make use of basic safety publications and/or group safety publications in the preparation of its publications.

Keel: en
Alusdokumendid: prEN IEC 61558-2-10:2022; 96/558/CDV
Asendab dokumenti: EVS-EN 61558-2-10:2014

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 61558-2-12:2022

Safety of transformers, reactors, power supply units and combination thereof - Part 2-12: Particular requirements and tests for constant voltage transformers and power supply units for constant voltage

Replacement This part of IEC 61558 deals with the safety of constant voltage transformers for general applications and power supply units for constant voltage for general applications. Constant voltage transformers incorporating electronic circuits are also covered by this document. NOTE 1 Safety includes electrical, thermal and mechanical aspects. Unless otherwise specified, from here onward, the term transformer covers constant voltage transformers for general applications and power supply units for constant voltage for general applications. This document is applicable to stationary or portable single-phase or polyphase, air-cooled (natural or forced) independent or associated dry-type: − constant voltage auto-transformers; − constant voltage separating transformers; − constant voltage isolating transformers; − constant voltage safety isolating transformers. The windings can be encapsulated or non-encapsulated. For power supply units (linear) this document is applicable. For switch mode power supply units IEC 61558-2-16 is applicable together with this document. Where two requirements are in conflict, the most severe take precedence. The rated supply voltage does not exceed 1 000 V AC. The rated supply frequency does not exceed 500 Hz, the internal operating resonant frequency does not exceed 30 kHz and the internal operating frequency does not exceed 100 MHz. The rated output does not exceed: − 40 kVA for single-phase constant voltage auto-transformers; − 200 kVA for polyphase constant voltage auto-transformers; − 25 kVA for single-phase constant voltage separating transformers and constant voltage isolating transformers; − 40 kVA for polyphase constant voltage separating transformers and constant voltage isolating transformers; − 10 kVA for single-phase constant voltage safety isolating transformers; − 16 kVA for polyphase constant voltage safety isolating transformers. This document is applicable to transformers without limitation of the rated output, subject to an agreement between the purchaser and the manufacturer. NOTE 2 Transformers intended to supply distribution networks are not included in the scope. Where applicable to constant voltage auto-transformers − the no-load output voltage or the rated output voltage does not exceed 1 000 V AC 186 or 1 415 V ripple-free DC, and for independent constant voltage auto-transformers 187 the no-load output voltage and the rated output voltage exceed 50 V AC or 120 V ripple-free DC; − constant voltage auto-transformers covered by this document are used only in applications where no insulation between circuits is required by the installation rules or by the end product standard. Where applicable to constant voltage separating transformers − the no-load output voltage or the rated output voltage does not exceed 1 000 V AC or 1 415 V ripple-free DC, and for independent constant voltage separating transformers the no-load output voltage and the rated output voltage exceeds 50 V AC or 120 V ripple-free DC; − constant voltage separating transformers covered by this document are used only in applications where double or reinforced

insulation between circuits is not required by the installation rules or by the end product standard. Where applicable to constant voltage isolating transformers − the no-load output voltage or the rated output voltage does exceed 50 V AC or 120 V ripple-free DC and where applicable, does not exceed 500 V AC or 708 V ripple-free DC. The no-load output voltage and the rated output voltage can be up to 1 000 V AC or 1 415 V ripple-free DC for special applications. − constant voltage isolating transformers covered by this document are used only in applications where double or reinforced insulation between circuits is required by the installation rules or by the end product standard. Where applicable to constant voltage safety isolating transformers − the no-load output voltage or the rated output voltage does not exceed 50 V AC or 120 V ripple-free DC; − constant voltage safety isolating transformers covered by this document are used only in applications where double or reinforced insulation between circuits is required by the installation rules or by the end product standard. This document is not applicable to external circuits and their components intended to be connected to the input terminals and output terminals of the transformers. Attention is drawn to the following if necessary: − for transformers intended to be used in vehicles, on board ships, and aircraft, additional requirements (from other applicable standards, national rules, etc.); − measures to protect the enclosure and the components inside the enclosure against external influences such as fungus, vermin, termites, solar-radiation, and icing; − the different conditions for transportation, storage, and operation of the transformers; − additional requirements in accordance with other appropriate standards and national rules may be applicable to transformers intended for use in special environments. Future technological development of transformers may necessitate a need to increase the upper limit of the frequencies. Until then this document may be used as a guidance document. This group safety publication focusing on safety guidance is primarily intended to be used as a product safety standard for the products mentioned in the scope, but is also intended to be used by technical committees in the preparation of publications for products similar to those mentioned in the scope of this group safety publication, in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. One of the responsibilities of a technical committee is, wherever applicable, to make use of basic safety publications and/or group safety publications in the preparation of its publications

Keel: en
Alusdokumendid: 96/559/CDV; prEN IEC 61558-2-12:2022
Asendab dokumenti: EVS-EN 61558-2-12:2011

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 61800-9-1:2022

Adjustable speed electrical power drive systems - Part 9-1: Ecodesign for motor systems - General requirements for setting energy efficiency standards

This part of IEC 61800 specifies the general methodology to energy efficiency standardization for any extended product by using the guidance of the extended product approach (EPA). This document is a Group Energy Efficiency Publication as defined in IEC Guide 119 with the energy efficiency function to establish a clear and simple system methodology for the comparison of the energy performance of motor systems to help product and system improvement. It enables product committees for driven equipment connected to motor systems (so called extended products) to interface with the relative power losses of the connected motor system (e.g. power drive system) in order to calculate the system energy efficiency for the whole application. This is based on specified calculation models for speed/load profiles, the duty profiles and relative power losses of appropriate torque versus speed operating points. This document is applicable to motor systems operated by a motor starter or by a converter (power drive system). This document does not specify requirements for environmental impact declarations. Power Drive Systems designed to drive DC motors are not included in the Scope of this Standard.

Keel: en
Alusdokumendid: 22G/464/CDV; prEN IEC 61800-9-1:2022
Asendab dokumenti: EVS-EN 61800-9-1:2017

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 61800-9-2:2022

Adjustable speed electrical power drive systems - Part 9-2: Ecodesign for motor systems - Energy efficiency determination and classification

This part of IEC 61800 specifies energy efficiency indicators of power electronics (complete drive modules (CDM), input or output sub drive modules (SDM)), power drive systems (PDS) and motor starters, all used for motor driven equipment. This document is an Energy Efficiency Publication according to IEC Guide 118 and specifies the methodology for the determination of losses of the complete drive module (CDM), the sub drive module (SDM), the power drive system (PDS) and the motor system. It defines IE and IES-classes, their limit values and provides test procedures for the classification of the overall losses of the motor system. Furthermore, this document proposes a methodology for the implementation of the best energy efficiency solution of drive systems. This depends on the architecture of the motor driven system, on the speed/torque profile and on the operating points over time of the driven load equipment. It provides a link for the energy efficiency evaluation and classification of the extended product. The methodology of the extended product approach and the semi analytical models are defined in IEC 61800-9-1. The structure of this document is as follows: • the losses of standardized PDS, standardized reference CDM (RCDM) and the mathematical model for their calculation are given and classified; • the reference motor (RM) and the reference CDM (RCDM) are defined. They are used for determining the efficiency class of a PDS if either the physical motor or physical CDM is unknown; • the requirements for the determination of the losses of a physical PDS and a physical CDM including correction factors for other types of CDM as defined as RCDM or SDM are given and compared to the PDS and RCDM; • the requirements for type testing and user documentation are given; • some exemplary losses of an overall system are illustrated in annexes; • information about system and drive topologies are given in annexes. Specific data for the RCDM and RM, limits for the PDS and IE/IES-classes are given for low voltage (100 V up to and equal to 1 000 V), single axis a.c./a.c. power drive systems with three-phase motors. Geared motors are treated as standard motors when motor and gearbox can be separated. A methodology is given in addition how this reference data can also be applied to other topologies like a.c./d.c.or d.c./a.c.converters. All provided reference data is derived from PDS with induction motors. It may be used for various types of PDS with other types of motors as well, for example but not limited to, Electronically Commutated Motors (ECM), Permanent Magnet Motors (PM) or Synchronous Reluctance Motors (SYN-RM), and Line-Start Permanent Magnet Motors (LSPM). PDS requirements in this standard only apply to PDSs that are placed on the market as one single product, i.e. combination of motor and CDM that are not intended to be used separately. CDM requirements only apply to a CDM where the included SDMs have not already been evaluated according to SDM requirements.

The following equipment is excluded from the scope: • High voltage CDM, SDM and PDS with a rated voltage above 1,0 kV a.c. or 1,5 kV d.c.; • Low voltage CDM, SDM and PDS with a rated voltage below 100 V a.c.; • High power PDS above a rated power of 1 000 kW; • High power CDM and SDM above a rated apparent output power of 1 209 kVA; • Low power PDS below a rated power of 0,12 kW; • Low power CDM and SDM below a rated apparent output power of 0,278 kVA; • PDS with geared motors where motor and gearbox cannot be separated, for example because of a common housing; • Servo PDS (consisting of frequency converter, motor and position feedback sensor); • CDM, BDM and SDM that are exclusively designed to drive servo motors; • PDS, CDM, BDM and SDM specifically designed for d.c. motor applications according to IEC 61800-1; • PDS where several motors are connected in parallel to a single CDM with one three-phase output. • SDM with DC input and DC output NOTE IEC 61800-9 (all parts) does not cover energy efficiency classification of driven equipment but provides input for the assessment according to the extended product approach.

Keel: en
Alusdokumendid: 22G/463/CDV; prEN IEC 61800-9-2:2022
Asendab dokumenti: EVS-EN 61800-9-2:2017

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 62631-3-2:2022

Dielectric and resistive properties of solid insulating materials - Part 3-2: Determination of resistive properties (DC methods) - Surface resistance and surface resistivity

This part of IEC 62631 describes methods of test for the determination of surface resistance and surface resistivity of electrical insulation materials by applying DC voltage.

Keel: en
Alusdokumendid: 112/585/CDV; prEN IEC 62631-3-2:2022
Asendab dokumenti: EVS-EN 62631-3-2:2016

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 62877-1:2022

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

This part of IEC 62877 applies to electrolytes and their components used for filling vented lead-acid batteries, for example dry- or wet-charged cells or batteries, and for electrolyte replacement or electrolyte density adjustment of batteries in operation. This international standard defines the composition, purity and properties of electrolyte to be applied where specific instructions from the battery manufacturer are not available.

Keel: en
Alusdokumendid: 21/1158/CDV; prEN IEC 62877-1:2022
Asendab dokumenti: EVS-EN 62877-1:2016
Asendab dokumenti: EVS-EN 62877-1:2016/AC:2017

Arvamusküsitluse lõppkuupäev: 29.01.2023

prHD IEC 60364-4-42:2022

Low-voltage electrical installations - Part 4-42: Protection for safety - Protection against thermal effects

This part of IEC 60364 applies to electrical installations with regard to measures for the protection of persons, livestock and property against: - thermal effects, risk of combustion or degradation of materials, and risk of burns caused by electrical equipment, - flames in case of a fire hazard being propagated from electrical installations to other fire compartments segregated by barriers which are in the vicinity, and - the impairment of the safe functioning of electrical equipment, including safety services due to thermal effects. NOTE For explosion risks, see IEC 60079-14. This GROUP SAFETY PUBLICATION (GSP) focusing on safety essential requirements is primarily intended to be used as a product safety standard for the installations mentioned in the scope, but is also intended to be used by TCs in the preparation of publications for installations similar to those mentioned in the scope of this GSP, in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. One of the responsibilities of a TC is, wherever applicable, to make use of GSPs in the preparation of its publications.

Keel: en
Alusdokumendid: 64/2572/CDV; prHD IEC 60364-4-42:2022
Asendab dokumenti: EVS-HD 60364-4-42:2011
Asendab dokumenti: EVS-HD 60364-4-42:2011/A1:2015
Asendab dokumenti: EVS-HD 60364-4-42:2011/A11:2021
Asendab dokumenti: EVS-HD 60364-4-42:2011+A1:2015
Asendab dokumenti: EVS-HD 60364-4-42:2011+A1+A11:2021

Arvamusküsitluse lõppkuupäev: 29.01.2023

31 ELEKTROONIKA

prEN IEC 60512-99-003:2022

Connectors for electrical and electronic equipment - Tests and measurements - Part 99-003: Endurance test schedules - Test 99c: Test schedule for balanced single-pair connectors unmating under electrical load

This part of IEC 60512 is used for the assessment of connectors within the scope of SC 48B that are used in balanced single-pair communication cabling with remote power, in support of e.g., IEEE 802.3 remote powering applications for point-to-point

connections. This standard does not cover multidrop powering applications. The object of this document is to detail a test schedule to determine the ability of single-pair connectors as defined in the IEC 63171 series to withstand a minimum of 100 mechanical operations with electrical load, where an electrical current is being passed through the connector in accordance with IEC 60512-9-3 during the separation (unmating) step.

Keel: en
Alusdokumendid: 48B/3002/CDV; prEN IEC 60512-99-003:2022

Arvamusküsitluse lõppkuupäev: 29.01.2023

33 SIDETEHNIKA

prEN 301 489-28 V2.1.0

Raadioseadmete ja raadiosideteenistuste elektromagnetilise ühilduvuse (EMC) standard; Osa 28. Eritingimused juhtmeta digitaalsetele vidolinkidele; Elektromagnetilise ühilduvuse harmoneeritud standard
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 28: Specific conditions for wireless digital video links; Harmonised Standard for ElectroMagnetic Compatibility

The present document specifies the applicable test conditions, performance assessment and performance criteria for wireless digital video links and the associated ancillary equipment, in respect of electromagnetic compatibility. Technical specifications related to the antenna port and emissions from the enclosure port of the radio equipment are not included in the present document. Such technical specifications are found in the relevant product standard for the effective use of the radio spectrum, see table 1. Table 1: Radio Technologies in scope of the present document Technology: Wireless Video Links operating in the 1,3 GHz to 50 GHz frequency band ETSI Standard: ETSI EN 302 064 The environmental classification and the emission and immunity requirements used in the present document are as stated in ETSI EN 301 489-1, except for any special conditions included in the present document. Emissions requirements in the present document are only specified for frequencies above 9 kHz. NOTE: The relationship between the present document and essential requirements of article 3.1(b) of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: Draft ETSI EN 301 489-28 V2.1.0

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 61169-70:2022

Radio-frequency connectors Part 70: Sectional specification for series HD-BNC radio-frequency coaxial connectors - Characteristic Impedance 75 ohms

This part of IEC 61169, which is a sectional specification (SS), provides information and rules for preparation of detail specification (DS) of HD-BNC series RF coaxial connectors together with the pro forma blank detail specification. HD-BNC series connectors with characteristic impedance of 75Ω are used with RF cables or micro-strips in microwave, telecommunication, wireless and other fields. The operating frequency limit is up to 18 GHz. It also prescribes mating face dimensions for general purpose connectors, gauging information and tests selected from IEC 61169-1, applicable to all detail specifications relating to series HD-BNC RF connectors. This specification indicates the recommended performance characteristics to be considered when writing a detail specification and it covers test schedules and inspection requirements for assessment levels M and H.

Keel: en
Alusdokumendid: 46F/631/CDV; prEN IEC 61169-70:2022

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 61300-2-11:2022

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-11: Tests - Axial compression

The purpose of this part of IEC 61300 is to ensure that the captivation or the attachment of the cable to the fibre optic devices or components, for example fibre optic closures, will withstand compressive axial loads likely to be applied during normal service.

Keel: en
Alusdokumendid: 86B/4673/CDV; prEN IEC 61300-2-11:2022
Asendab dokumenti: EVS-EN 61300-2-11:2013

Arvamusküsitluse lõppkuupäev: 29.01.2023

35 INFOTEHNOLOOGIA

prEN 17015-1

Electronic Public Procurement - Catalogue - Part 1: Choreographies

This document provides specifications on business processes for exchanging an electronic product catalogues (“catalogues”) as part of the business processes in the post-award area and pre-award area (partially), so that catalogues can serve as a basis for placing orders as well as evaluating tenders. The key aspects covered by this choreography specification: • Processes for submitting catalogues from the selling to the buying side; • Processes for submitting catalogue-related data as part of tendering

processes. Transaction used in the specified choreographies are out of scope. These transactions are specified in the related transaction specification on “Catalogue Transactions”.

Keel: en
Alusdokumendid: prEN 17015-1

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN 17926

Privacy Information Management System per ISO/IEC 27701 - Refinements in European context

This document specifies refinements for an application of ISO/IEC 27701 in a European context. An organization can use this document for the implementation of the generic requirements and controls of ISO/IEC 27701 according to its context and its applicable obligations. Certification bodies can use the specifications in this document as a basis for certification criteria verifying conformity to ISO/IEC 27701. Certification criteria based on these specifications can provide a certification model under ISO/IEC 17065 for processing operations performed within the scope of a Privacy Information Management System according to ISO/IEC 27701, which can be combined with certification requirements for ISO/IEC 27701 under ISO/IEC 17021. Accreditation bodies or regulatory authorities can use provisions in this document as criteria to establish certification mechanisms.

Keel: en
Alusdokumendid: prEN 17926

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 63474:2022

Electrical and electronic household and office equipment - Measurement of networked standby power consumption of edge equipment

This Standard specifies methods of measurement of electrical power consumption in networked standby and the reporting of the results for edge equipment. Power consumption in standby (other than networked standby) is covered by EN 50564, including the input voltage range. This Standard also provides a method to test power management and whether it is possible to deactivate wireless network connection(s). NOTE 1 This standard applies to electrical products with a rated input voltage of 230 V a.c. for single phase products and 400 V a.c. for three phase products. NOTE 2 The measurement of energy consumption and performance of products during intended use are generally specified in product standards and are not covered by this standard. NOTE 3 The term “products” in this standard includes household appliances or information technology products, consumer electronics, audio, video and multimedia systems; however the measurement methodology could be applied to other products. Where this standard is referenced by more specific standards or procedures, these should define and name the relevant conditions to which this test procedure is applied. This Standard does not apply to the measurement of electrical power consumption in networked standby for interconnecting equipment. NOTE 4 Measurement of electrical power consumption in networked standby for interconnecting equipment is the subject of ETSI standard EN 303 423 “Environmental Engineering (EE) - Electrical and electronic household and office equipment; Measurement of networked standby power consumption for interconnecting equipment”.

Keel: en
Alusdokumendid: prEN IEC 63474:2022; 100/3836/CDV

Arvamusküsitluse lõppkuupäev: 29.01.2023

45 RAUDTEETEHNIKA

prEN 14067-4

Railway applications - Aerodynamics - Part 4: Requirements and assessment procedures for aerodynamics on open track

This document establishes requirements, test procedures, assessment methods and acceptance criteria for operating rolling stock in open track. For pressure variations and slipstream effects beside the track, requirements and assessment methods are provided. For running resistance, assessment methods are addressed in this document. Load cases on infrastructure components due to train-induced pressure variations and slipstream effects are addressed in this document. For ballasted track test set-ups for ballast projection assessment are proposed. The requirements only apply to rolling stock of the heavy rail system with maximum train speeds above 160 km/h and not to other rail systems. The document is applicable to all rolling stock and infrastructure in open air with nominal track gauges of 1 435 mm to 1 668 mm inclusive.

Keel: en
Alusdokumendid: prEN 14067-4
Asendab dokumenti: EVS-EN 14067-4:2013+A1:2018

Arvamusküsitluse lõppkuupäev: 29.01.2023

47 LAEVAEHITUS JA MERE-EHITISED

prEN ISO 8665-2

Small craft - Power measurements and declarations - Part 2: Electric marine propulsion (ISO/DIS 8665-2:2022)

Develop a Part 2 of 8665 to address electric propulsion devices for small craft.

Keel: en
Alusdokumendid: prEN ISO 8665-2; ISO/DIS 8665-2:2022

Asendab dokumenti: EVS-EN ISO 8665:2017

Arvamusküsitluse lõppkuupäev: 29.01.2023

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

prEN ISO 14375

Child-resistant non-reclosable packaging for pharmaceutical products - Requirements and testing (ISO 14375:2018)

This document specifies performance requirements and methods of test for non-reclosable packaging that have been designated child-resistant. This document is intended for type approval only (see 3.5) and is not intended for quality assurance purposes.

Keel: en
Alusdokumendid: ISO 14375:2018; prEN ISO 14375

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 28862

Packaging - Child-resistant packaging - Requirements and testing procedures for non-reclosable packages for non-pharmaceutical products (ISO 28862:2018)

This document specifies performance requirements and methods of test for non-reclosable packaging that has been designated child-resistant and which is intended to contain non-pharmaceutical products. This document is intended for type approval only (see 2.5) and is not intended for quality assurance purposes. This document applies to non-reclosable packages of the single-use type consisting of one or more individual units. Non-reclosable packages for pharmaceutical products are excluded from the scope of this document. These are the subject of a separate standard, ISO 14375, Child-resistant non-reclosable packaging for pharmaceutical products — Requirements and testing.

Keel: en
Alusdokumendid: ISO 28862:2018; prEN ISO 28862

Arvamusküsitluse lõppkuupäev: 29.01.2023

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 20137

Leather - Chemical tests - Guidelines for testing critical chemicals in leather (ISO/DIS 20137:2022)

ISO 20137:2017 gives guidelines to apply the available chemical test methods for leather. This information can be used by those involved in setting specifications for leather, especially for those parameters relating to restricted chemical substances. Lists of restricted chemicals contain many substances that are not relevant to the leather industry. Those chemical substances that are not mentioned in this document do not need to be determined, thus avoiding unnecessary analytical costs.

Keel: en
Alusdokumendid: ISO/DIS 20137; prEN ISO 20137
Asendab dokumenti: EVS-EN ISO 20137:2017

Arvamusküsitluse lõppkuupäev: 29.01.2023

65 PÕLLUMAJANDUS

prEN 17923

Equipment for vine cultivation and wine making - Safety - Must and grape harvest pumps

This document specifies the safety requirements for the design of must and grape harvest pumps and the means for verifying these requirements and gives information for the safe use of the machines covered. This document applies to must and grape harvest pumps, as defined in 3.1, intended for the transfer of fresh, de-stemmed grapes and pomace. This document deals with all significant hazards, hazardous situations or hazardous events relevant to grape harvest pumps, when it is used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer, specified in Annex B. This document does not deal with hazardous phenomena associated with the integration of grape harvest pumps with other machinery. This document does not give additional requirements for operations subject to special rules (e.g. explosive atmosphere, power supply from electrical networks where the voltage, frequency and tolerance differ from those of the public network). This document is not applicable to: — adaptations intended for other fruit harvests; — pumps for building materials (covered by EN 12001 [1]); — pumps on grape harvesters; — reception conquests; — machines upstream or downstream of the pump. This document is not applicable to grape harvest pumps manufactured before the date of its publication.

Keel: en
Alusdokumendid: prEN 17923

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN 17925

Soil improvers and growing media - Determination of temperature and time profile during composting and digestion

This document specifies methods for determining temperature and time profiles during composting and anaerobic digestion for the production of compost and digestate. The process monitoring is an organized check and recording of the temperature during a specific time of the composting and anaerobic digestion process. This document only applies to composting and anaerobic digestion. This document is intended to be used by manufacturers and enforcement agencies for the purpose of manufacturing control. The requirements of this document can differ from national legal requirements for the production process of compost and digestate.

Keel: en
Alusdokumendid: prEN 17925

Arvamusküsitluse lõppkuupäev: 29.01.2023

67 TOIDUAINETE TEHNOLOOGIA

prEN ISO 5537

Dried milk and dried milk products - Determination of moisture content (Reference method) (ISO/DIS 5537:2022)

This deliverable specifies a method for the determination of the moisture content of all types of dried milk. The revised version will include the results of a recently conducted interlaboratory study in whey powders, dairy permeate powders, cream powder and powdered infant formula in ISO 5537|IDF 26 to further underpin the extent of its scope.

Keel: en
Alusdokumendid: ISO/DIS 5537; prEN ISO 5537
Asendab dokumenti: EVS-EN ISO 5537:2004

Arvamusküsitluse lõppkuupäev: 29.01.2023

71 KEEMILINE TEHNOLOOGIA

prEN ISO 4803

Laboratory glassware - Borosilicate glass tubing (ISO 4803:2021)

“This document specifies requirements for borosilicate 3,3 glass tubing according to ISO 3585 for laboratory apparatus in an outer diameter range from 4 mm to 300 mm. This document defines dimensions, material, denomination, designation, requirements and inspection methods.” (Scope of ISO 4803:2021)

Keel: en
Alusdokumendid: ISO 4803:2021; prEN ISO 4803

Arvamusküsitluse lõppkuupäev: 29.01.2023

75 NAFTA JA NAFTATEHNOLOOGIA

prEN ISO 25457

Petroleum, petrochemical and natural gas industries - Flare details for general refinery and petrochemical service (ISO/DIS 25457:2022)

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

Keel: en
Alusdokumendid: ISO/DIS 25457; prEN ISO 25457
Asendab dokumenti: EVS-EN ISO 25457:2009

Arvamusküsitluse lõppkuupäev: 29.01.2023

77 METALLURGIA

prEN ISO 13520

Determination of ferrite content in austenitic stainless steel castings (ISO/DIS 13520:2022)

ISO 13520:2015 specifies procedures which are covered for estimating ferrite content in certain grades of austenitic iron-chromium-nickel alloy castings that have compositions balanced to create the formation of ferrite as a second phase in amounts controlled within specified limits. Methods are described for estimating ferrite content by chemical, magnetic and metallographic means.

Keel: en

Alusdokumendid: ISO/FDIS 13520; prEN ISO 13520
Asendab dokumenti: EVS-EN ISO 13520:2019

Arvamusküsitluse lõppkuupäev: 29.01.2023

79 PUIDUTEHNOLOOGIA

prEN ISO 19085-13

Woodworking machines - Safety - Part 13: Multi-blade rip sawing machines with manual loading and/or unloading (ISO/DIS 19085-13:2022)

This document specifies the safety requirements and measures for multi-blade rip sawing machines with manual loading and/or unloading (defined in 3.1) capable of continuous production use, hereinafter referred to also as “machines”, designed to cut solid wood and materials with similar physical characteristics to wood. It deals with all significant hazards, hazardous situations and events as listed in Annex A, relevant to the machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Transport, assembly, dismantling, disabling and scrapping phases are also taken into account. This document does not deal with specific hazards related to the combination of single machines with any other machine as part of a line. It is not applicable to machines: — with all saw blades spindles mounted below the workpiece support/level only; — intended for use in potentially explosive atmosphere; — manufactured prior to its publication.

Keel: en
Alusdokumendid: ISO/DIS 19085-13; prEN ISO 19085-13
Asendab dokumenti: EVS-EN ISO 19085-13:2020

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 19085-15

Woodworking machines - Safety - Part 15: Presses (ISO/DIS 19085-15:2022)

This document gives the safety requirements and measures for stationary: — cold presses; — hot presses; — bending presses; — edge/face gluing presses; — membrane presses; — embossing presses; where the pressing force is applied by hydraulic actuators pushing two flat or shaped surfaces against each other, capable of continuous production use, hereinafter referred to as "machines". It deals with all significant hazards, hazardous situations and events as listed in Annex A, relevant to machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer, including reasonably foreseeable misuse. Also, transport, assembly, dismantling, disabling and scrapping phases are taken into account. It is also applicable to machines fitted with one or more of the following devices/additional working units, whose hazards have been dealt with: a) device for hot gluing; b) device for high-frequency gluing; c) device for high-frequency shaping; d) automatic workpiece loading and unloading system; e) intermediate additional platens; f) workpiece extractor; g) workpiece clamping pressure beam; h) split moveable platens. The machines are designed to process workpieces consisting of: 1) solid wood; 2) materials with similar characteristics to wood (see ISO 19085 1:2021, 3.2); 3) honeycomb board. This document does not deal with any hazards related to: — specific devices that differ from the list above; — hot fluid heating systems internal to the machine other than electrical; — any hot fluid heating systems external to the machine; — operation of taking intermediate platens out and in again; — the combination of a single machine being used with any other machine (as part of a line). It is not applicable to: — frame presses; — membrane presses where the pressing force is applied by vacuum only; — presses for producing chipboard, fibreboard, OSB; — machines intended for use in potentially explosive atmosphere; — machines manufactured before the date of its publication as an international standard.

Keel: en
Alusdokumendid: ISO/DIS 19085-15; prEN ISO 19085-15
Asendab dokumenti: EVS-EN ISO 19085-15:2021

Arvamusküsitluse lõppkuupäev: 29.01.2023

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

prEN 17871

Glass in building - Spectrophotometric characteristics of glass products - Validation procedure for calculation tool.

This standard provides a procedure to validate a calculation tool of spectrophotometric and thermal characteristics of the glass products following EN 410 or EN 673. It provides also the methodology to correctly use measured data in the calculation tool. The following characteristics are included in the scope of this standard: - light transmittance (tv) - light reflectance - both sides (rv, r'v) - solar direct transmittance (te) - solar direct reflectance – both sides (re, r'e) - total solar energy transmittance (solar factor or g value) (g) - thermal transmittance (U value) in the vertical position The following characteristics are excluded from the scope of this standard: - UV transmittance (tuv) - shading coefficient (SC) - general colour rendering index (Ra) - thermal transmittance (U value) at angles other than vertical

Keel: en
Alusdokumendid: prEN 17871

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN 673

Glass in building - Determination of thermal transmittance (U value) - Calculation method

This European Standard specifies a calculation method to determine the thermal transmittance of glazing with flat and parallel surfaces. This European Standard applies to uncoated glass (including glass with structured surfaces, e.g. patterned glass), coated glass and materials not transparent in the far infrared which is the case for soda lime glass products, borosilicate glass and glass ceramic. It applies also to multiple glazing comprising such glasses and/or materials. It does not apply to multiple glazing which include in the gas space sheets or foils that are far infrared transparent. The procedure specified in this European Standard determines the U value) (thermal transmittance) in the central area of glazing. The edge effects due to the thermal bridge through the spacer of a sealed glazing unit or through the window frame are not included. Furthermore, energy transfer due to solar radiation is not taken into account. The effects of Georgian and other bars are excluded from the scope of this European Standard. The Standard for the calculation of the overall U value of windows, doors and shutters (see A.1) gives normative reference to the U value calculated for the glazing components according to this standard. For the purpose of product comparison, a vertical position of the glazing is specified. In addition, U values are calculated using the same procedure for other purposes, in particular for predicting: - heat loss through glazing; - conduction heat gains in summer; - condensation on glazing surfaces; - the effect of the absorbed solar radiation in determining the solar factor (see Clause 2). Reference should be made to [3], [4] and [5] or other European Standards dealing with heat loss calculations for the application of glazing U values determined by this standard. A procedure for the determination of emissivity is given in EN 12898. The rules have been made as simple as possible consistent with accuracy.

Keel: en
Alusdokumendid: prEN 673
Asendab dokumenti: EVS-EN 673:2011

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 17092

Fine ceramics (advanced ceramics, advanced technical ceramics) - Determination of corrosion resistance of monolithic ceramics in acid and alkaline solutions (ISO 17092:2005)

ISO 17092:2005 describes the test method for determining the corrosion resistance of fine ceramics in acid and alkaline solutions, such as sulfuric acid and sodium hydroxide. This International Standard is designed to provide an assessment of the mass changes and dimensional changes of test specimens following the corrosion test immersed in the corrosive liquids, and to assess whether corrosion has a significant effect on the subsequent strength. This test method may be used for development of materials, quality control, characterization, and design-data generation purposes.

Keel: en
Alusdokumendid: ISO 17092:2005; prEN ISO 17092
Asendab dokumenti: EVS-EN 12923-1:2007

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 17947

Fine ceramics (advanced ceramics, advanced technical ceramics) - Methods for chemical analysis of fine silicon nitride powders (ISO 17947:2014)

The International Standard specifies the methods for the chemical analysis of fine silicon nitride powders used as the raw material for fine ceramics. This International Standard stipulates the determination methods of total silicon, total nitrogen, aluminium, iron, calcium, oxygen, carbon, fluorine, and chlorine in fine silicone nitride powders.

Keel: en
Alusdokumendid: ISO 17947:2014; prEN ISO 17947

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 20509

Fine ceramics (advanced ceramics, advanced technical ceramics) - Determination of oxidation resistance of non-oxide monolithic ceramics (ISO 20509:2003)

ISO 20509:2003 describes the method of test for determining the oxidation resistance of non-oxide monolithic ceramics, such as silicon nitride, sialon and silicon carbide at high temperatures. This International Standard is designed to provide an assessment of the mass and dimensional changes of test pieces following oxidation at high temperature in an oxidizing atmosphere, and to assess whether oxidation has a significant effect on the subsequent strength. This test method may be used for materials development, quality control, characterization, and design data generation purposes.

Keel: en
Alusdokumendid: ISO 20509:2003; prEN ISO 20509

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 24370

Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for fracture toughness of monolithic ceramics at room temperature by chevron-notched beam (CNB) method (ISO 24370:2005)

This International Standard ISO 24370 specifies a test method for determining the fracture toughness of monolithic ceramic materials at room temperature by the chevron-notched beam (CNB) method. This International Standard is applicable to monolithic ceramics and whisker- or particulate-reinforced ceramics that are regarded as macroscopically homogeneous. It is not

applicable to continuous-fibre reinforced ceramic composites. This International Standard is usually applicable to ceramic materials with a fracture toughness less than about 12 MPa(m1/2). The test method is applicable to materials with a flat crack-growth resistance curve and may be applicable to materials with a rising crack-growth resistance curve (R-curve).

Keel: en
Alusdokumendid: ISO 24370:2005; prEN ISO 24370
Asendab dokumenti: EVS-EN 14425-3:2010

Arvamusküsitluse lõppkuupäev: 29.01.2023

83 KUMMI- JA PLASTITÖÖSTUS

prEN ISO 10364

Structural adhesives - Determination of the pot life (working life) of multi-component adhesives (ISO/DIS 10364:2022)

This International Standard specifies methods for determining the pot life of multi-part adhesives in order to be able to determine whether the pot life conforms to the minimum specified working life required of an adhesive. For the purposes of simplification, the term “pot life” is deemed to have the same meaning as “working life” and will be used to represent both throughout this International Standard. Methods described to measure the property provide different answers. So the results shall be specified with respect to the method used. The test methods described are suitable for assessing all multi–part adhesives, and especially epoxy based and polyurethane based adhesives, but they are not suitable for some acrylic-based adhesives. NOTE 1 Some of the methods described in this International Standard can also be suitable for determination of working life of one-part adhesives that react to humidity (e.g. PUR prepolymers). NOTE 2 This International Standard can also be used for assessing non-structural adhesives.

Keel: en
Alusdokumendid: ISO/DIS 10364; prEN ISO 10364
Asendab dokumenti: EVS-EN ISO 10364:2018

Arvamusküsitluse lõppkuupäev: 29.01.2023

91 EHITUSMATERJALID JA EHITUS

EN 303-6:2019/prA1

Heating boilers - Part 6: Heating boilers with forced draught burners - Specific requirements for the domestic hot water operation and energy performance of water heaters and combination boilers with atomizing oil burners of nominal heat input not exceeding 70 kW

This document is composed of two parts. The first part supplements EN 303-1, EN 303-2, EN 303-4 and EN 304, hereafter called boiler standards. It specifies the supplementary requirements and tests for the construction, safety, rational use of energy, fitness for purpose, classification and marking related to the domestic hot water operation of oil-fired water heaters and combination boilers. The domestic hot water is produced on either the instantaneous or storage principle. The domestic hot water production is integrated or coupled, the whole being marketed as a single unit. The second part covers the energy performance of domestic hot water production of the appliances covered by the first part. This second part sets out a method for assessing the energy performance of the appliances. It defines a number of daily tapping cycles for each domestic hot water use such as kitchen, shower, bath and a combination of these, together with corresponding test procedures, enabling the energy performances of combination boilers and water heaters to be compared and matched to the needs of the user. The heat output of the appliances covered by this standard does not exceed 400 kW. In the case of combination boilers, with or without storage tank, domestic hot water production is integrated or coupled, the whole being marketed as a single unit. This standard only covers type testing.

Keel: en
Alusdokumendid: EN 303-6:2019/prA1
Muudab dokumenti: EVS-EN 303-6:2019

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN 12665

Light and lighting - Basic terms and criteria for specifying lighting requirements

This document defines basic terms and definitions for use in all lighting applications. This document also sets out a framework for the specification of lighting requirements, giving details of aspects that are to be considered when setting those requirements.

Keel: en
Alusdokumendid: prEN 12665
Asendab dokumenti: EVS-EN 12665:2018

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN 16798-3

Energy performance of buildings - Ventilation for buildings - Part 3: For non-residential buildings - Performance requirements for ventilation and room-conditioning systems (Modules M5-1, M5-4)

This document applies to the design, energy performance of buildings and implementation of ventilation, air conditioning and room conditioning systems for non-residential buildings subject to human occupancy, excluding applications like industrial processes. It focuses on the definitions of the various parameters that are relevant for such systems. The guidance for design given in this

document and accompanying CEN/TR 16798 4 are mainly applicable to mechanical supply and/or exhaust ventilation systems. Natural ventilation systems or natural parts of hybrid ventilation systems are not covered by this document. Reference is made to the WI 00156243 (under development). Applications for residential ventilation are not covered in this document. Performance of ventilation systems in residential buildings are covered in EN 15665 and CEN/TR 14788. The classification uses different categories. For some values, examples are given and, for requirements, typical ranges with default values are presented. The default values are given in Annex B and a template for national specification is given in Annex A. Classification should always be appropriate to the type of building and its intended use, and the basis of the classification should be explained if the examples given in the European Standard are not to be used. NOTE 1 Different standards can express the categories for the same parameters in a different way, and also the category symbols can be different. Table 1 shows the relative position of this document within the set of EPB standards in the context of the modular structure as set out in EN ISO 52000 1. NOTE 2 In CEN ISO/TR 52000 2 the same Table can be found, with, for each module, the numbers of the relevant EPB standards and accompanying technical reports that are published or in preparation. NOTE 3 The modules represent EPB standards, although one EPB standard might cover more than one module and one module might be covered by more than one EPB standard, for instance a simplified and a detailed method respectively. See also Clause 2 and Table A.1 and Table B.1. Table 1 - Position of this document (in casu M5 1, M5 4), within the modular structure of the set of EPB standards ...

Keel: en
Alusdokumendid: prEN 16798-3
Asendab dokumenti: EVS-EN 16798-3:2017

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN 17328

Complementary product category rules for gypsum-based construction products

This document provides product category rules (c-PCR), that are complementary to EN 15804:2012+A2:2019, for Type III environmental declarations for gypsum-based products for the construction industry. This document is intended to be used in conjunction with EN 15804:2012+A2:2019.

Keel: en
Alusdokumendid: prEN 17328

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN 673

Glass in building - Determination of thermal transmittance (U value) - Calculation method

This European Standard specifies a calculation method to determine the thermal transmittance of glazing with flat and parallel surfaces. This European Standard applies to uncoated glass (including glass with structured surfaces, e.g. patterned glass), coated glass and materials not transparent in the far infrared which is the case for soda lime glass products, borosilicate glass and glass ceramic. It applies also to multiple glazing comprising such glasses and/or materials. It does not apply to multiple glazing which include in the gas space sheets or foils that are far infrared transparent. The procedure specified in this European Standard determines the U value) (thermal transmittance) in the central area of glazing. The edge effects due to the thermal bridge through the spacer of a sealed glazing unit or through the window frame are not included. Furthermore, energy transfer due to solar radiation is not taken into account. The effects of Georgian and other bars are excluded from the scope of this European Standard. The Standard for the calculation of the overall U value of windows, doors and shutters (see A.1) gives normative reference to the U value calculated for the glazing components according to this standard. For the purpose of product comparison, a vertical position of the glazing is specified. In addition, U values are calculated using the same procedure for other purposes, in particular for predicting: - heat loss through glazing; - conduction heat gains in summer; - condensation on glazing surfaces; - the effect of the absorbed solar radiation in determining the solar factor (see Clause 2). Reference should be made to [3], [4] and [5] or other European Standards dealing with heat loss calculations for the application of glazing U values determined by this standard. A procedure for the determination of emissivity is given in EN 12898. The rules have been made as simple as possible consistent with accuracy.

Keel: en
Alusdokumendid: prEN 673
Asendab dokumenti: EVS-EN 673:2011

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 11855-8

Building environment design - Design, dimensioning, installation and control of embedded radiant heating and cooling systems - Part 8: Electrical heating systems (ISO/DIS 11855-8:2022)

TC 205 – WG 8 deals radiation heating and cooling systems. The focus is on embedded, water based heating and cooling systems. Actually, not addressed are electrical systems. The work Item should close this gap a should deal with electrical embedded radiant heating systems.

Keel: en
Alusdokumendid: ISO/DIS 11855-8; prEN ISO 11855-8

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEVS 920-5

Katuseehitusreeglid. Osa 5: Lamekatused
Requirements for roof building - Part 5: Flat roofs

See standard määratleb nõuded lamekatuste konstruktsiooni- ja sõlmlahenduste ehitamiseks ning peamised nõuded lamekatustel kasutavatele materjalidele. Standard määrab nõuded toodetele ja paigalduslahendustele nende kasutamiseks tavalistes

ekspluatatsioonitingimustes. Lamekatuseks nimetatakse kokkuleppeliselt katuseid, mille kalle on 1:10 või sellest väiksem. Lamekatused on üldjuhul kaetud rullmaterjaliga või muu katkematu hüdroisolatsiooniga. Standard on mõeldud juhindumiseks lamekatuste paigaldajatele, üldehitajatele, materjalide tootjatele, projekteerijatele, arhitektidele, ehitusjärelevalvele, ekspertidele ja lõpptarbijatele. Katusehooldust käsitletakse standardis EVS 920-1.

Keel: et
Asendab dokumenti: EVS 920-5:2015

Arvamusküsitluse lõppkuupäev: 29.01.2023

prHD IEC 60364-4-42:2022

Low-voltage electrical installations - Part 4-42: Protection for safety - Protection against thermal effects

This part of IEC 60364 applies to electrical installations with regard to measures for the protection of persons, livestock and property against: - thermal effects, risk of combustion or degradation of materials, and risk of burns caused by electrical equipment, - flames in case of a fire hazard being propagated from electrical installations to other fire compartments segregated by barriers which are in the vicinity, and - the impairment of the safe functioning of electrical equipment, including safety services due to thermal effects. NOTE For explosion risks, see IEC 60079-14. This GROUP SAFETY PUBLICATION (GSP) focusing on safety essential requirements is primarily intended to be used as a product safety standard for the installations mentioned in the scope, but is also intended to be used by TCs in the preparation of publications for installations similar to those mentioned in the scope of this GSP, in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. One of the responsibilities of a TC is, wherever applicable, to make use of GSPs in the preparation of its publications.

Keel: en
Alusdokumendid: 64/2572/CDV; prHD IEC 60364-4-42:2022
Asendab dokumenti: EVS-HD 60364-4-42:2011
Asendab dokumenti: EVS-HD 60364-4-42:2011/A1:2015
Asendab dokumenti: EVS-HD 60364-4-42:2011/A11:2021
Asendab dokumenti: EVS-HD 60364-4-42:2011+A1:2015
Asendab dokumenti: EVS-HD 60364-4-42:2011+A1+A11:2021

Arvamusküsitluse lõppkuupäev: 29.01.2023

97 OLME. MEELELAHUTUS. SPORT

EN 1176-1:2017/prA1

Playground equipment and surfacing - Part 1: General safety requirements and test methods

This part of EN 1176 specifies general safety requirements for permanently installed public playground equipment and surfacing. Additional safety requirements for specific pieces of playground equipment are specified in subsequent parts of this standard. This part of EN 1176 covers playground equipment for all children. It has been prepared with full recognition of the need for supervision of young children and of less able or less competent children. The purpose of this part of EN 1176 is to ensure a proper level of safety when playing in, on or around playground equipment, and at the same time to promote activities and features known to benefit children because they provide valuable experiences that will enable them to cope with situations outside the playground. This part of EN 1176 is applicable to playground equipment intended for individual and collective use by children. It is also applicable to equipment and units installed as children's playground equipment although they are not manufactured as such, but exclude those items defined as toys in EN 71 and the Toys Safety Directive. It is not applicable to adventure playgrounds with the exception of those items which have been commercially sourced. NOTE Adventure playgrounds are fenced, secured playgrounds, run and staffed in accordance with the widely accepted principles that encourage children's development and often use self-built equipment. This part of EN 1176 specifies the requirements that will protect the child from hazards that they might be unable to foresee when using the equipment as intended, or in a manner that can be reasonably anticipated. The use of electricity in play equipment, either as a play activity or as a motive force, is outside the scope of this standard. The attention of users is drawn to European and local national standards and regulations which are to be complied with when using electricity. Play equipment placed in water and where water can be seen as impact attenuating surfacing is not fully covered by this standard and additional risks are associated with wet environments. The risk of exposure to excessive levels of UV radiation is not covered in this standard.

Keel: en
Alusdokumendid: EN 1176-1:2017/prA1
Muudab dokumenti: EVS-EN 1176-1:2017

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 63458-1:2022

High Pressure Water Jet Machines - Safety - Part 1: High Pressure Water Jet Unit

This document contains safety-related requirements for high pressure water jet units with drives of all kinds (e.g. electric motor, internal combustion engine, air and hydraulic) in which pumps are used to generate pressure. This document deals with all significant hazards, hazardous situations and events arising during assembly, erection, operation and servicing relevant to high pressure water jet units, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer. All references to high-pressure water jet units within this document includes machines for one or more of the following industrial applications: – cleaning; – surface preparation; – material removal; – readjustment of concrete; – cutting. NOTE 1 List of significant hazards is given in informative Annex B. This document applies to mobile and fixed high pressure water jet units, in which the water pressure is generated by a pressure generator/pump and in which the maximum allowable working pressure is more than the upper limit fixed in the scope of IEC 60335-2-79. NOTE 2 35 MPa is currently the upper limit for machines covered by IEC 60335-2–79. This document does not cover: – high pressure cleaners which are dealt with in IEC60335-

2-54; NOTE 3 IEC 60335-2–54 applies to steam cleaners for household use. IEC 60335-2–79 applies to high pressure cleaners having a rated pressure not less than 2,5 MPa and not exceeding 35 MPa, as well as steam cleaners and those parts of hot water high pressure cleaners incorporating a steam stage which have a capacity not exceeding 100 l, a rated pressure not exceeding 2,5 MPa and a product of capacity and rated pressure not exceeding 5 MPa. – additional hazards due to the incorporation of high pressure water jet units into other process-technology machines; – specific hazards associated with explosive atmospheres, use on ships or ambient temperatures outside the range 5 °C to 40 °C; – hazard due to the nature of liquids used for jetting, other than that due to pressure; – hazards associated with the drives or specific hazards due to any heat generation function. However, the hazards due to high temperatures of touchable surfaces are dealt with; – high pressure water jet units which are manufactured before the date of its publication as IEC; – high pressure water jet hoses which are covered by IEC 63458-2; – high pressure water jet spraying device which are covered by IEC 63458-3; Tests according to this document are type tests unless they relate to routi ne (informative) tests to be carried out during series manufacture. NOTE 4 Routine tests are described in informative Annex A. Compliance with IEC 63458-1, IEC 63458-2 and IEC 63458-3 provide the full requirements for high-pressure water jet machine.

Keel: en
Alusdokumendid: 61J/762/CDV; prEN IEC 63458-1:2022

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 63458-2:2022

High Pressure Water Jet Machines - Safety - Part 2: High Pressure hoses, hose lines and connectors

This document applies to hoses, hose lines and connectors intended to be used with high-pressure water jet units within the scope of IEC 63458-1. This document deals with all significant hazards, hazardous situations and events relevant to the equipment in the scope, when it is used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see clause 4). This document deals with safety requirements to minimize the significant hazards which can arise from assembling, operating and servicing of hoses, hose lines and connectors for use with high-pressure water jet machines (see clause 5). NOTE 1 This document does not cover leak shields since they are not part of a hose line. The hazard due to scalding from hot liquid or from irritation / burning of any added chemicals is not covered in this document. Compliance with IEC 63458-1, IEC 63458-2 and IEC 63458-3 provide the full requirements for high pressure water jet machine.

Keel: en
Alusdokumendid: 61J/763/CDV; prEN IEC 63458-2:2022

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 63458-3:2022

High Pressure Water Jet Machines - Safety - Part 3: High Pressure Spraying Device

This document contains safety-related requirements for spraying devices for high pressure water jet units with drives of all kinds (e.g. electric motor, internal combustion engine, air and h ydraulic) in which pumps are used to generate pressure. This document deals with all significant hazards, hazardous situations and events arising during assembly, erection, operation and servicing relevant to spraying devices for high pressure water jet units, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer. All references to spraying devices for high pressure water jet units within this document includes machines for one or more of the following industrial applications: – cleaning; – surface preparation; – material removal; – readjustment of concrete; – cutting. NOTE 1 List of significant hazards is given in informative Annex B. This document applies to spraying devices for mobile and fixed high pressure water jet units, in which the water pressure is generated by a pressure generator/pump and in which the maximum allowable working pressure is more than the upper limit fixed in the scope of IEC 60335 -2-79. NOTE 2 35 MPa is currently the upper limit for machines covered by IEC 60335-2–79. This document does not cover: – high pressure cleaners which are dealt with in IEC 60335-2-54; NOTE 3 IEC EN 60335-2–54 applies to steam cleaners for household use. IEC EN 60335-2–79 applies to high pressure cleaners having a rated pressure not less than 2,5 MPa and not exceeding 35 MPa, as well as steam cleaners and those parts of hot water high pressure cleaners incorporating a steam stage which have a capacity not exceeding 100 l, a rated pressure not exceeding 2,5 MPa and a product of capacity and rated pressure not exceeding 5 MPa. – additional hazards due to the incorporation of high pressure water jet units into other process technology machines; – specific hazards associated with explosive atmospheres, use on ships or ambient temperatures outside the range 5 °C to 40 °C; – hazard due to the nature of liquids used for jetting, other than that due to pressure; – hazards associated with the drives or specific hazards due to any heat generation function. However, the hazards due to high temperatures of touchable surfaces are dealt with; – high pressure water jet units which are manufactured before the date of its publication as IEC; – high pressure water jet hoses which are covered by IEC 63458-2; – high pressure water jet spraying device which are covered by IEC 63458-3; Tests according to this document are type tests unless they relate to routine (informative) tests to be carried out during series manufacture. Compliance with IEC 63458-1, IEC 63458-2 and IEC 63458-3 provide the full requirements for high pressure water jet machine.

Keel: en
Alusdokumendid: 61J/764/CDV; prEN IEC 63458-3:2022

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN IEC 63474:2022

Electrical and electronic household and office equipment - Measurement of networked standby power consumption of edge equipment

This Standard specifies methods of measurement of electrical power consumption in networked standby and the reporting of the results for edge equipment. Power consumption in standby (other than networked standby) is covered by EN 50564, including the input voltage range. This Standard also provides a method to test power management and whether it is possible to deactivate wireless network connection(s). NOTE 1 This standard applies to electrical products with a rated input voltage of 230 V a.c. for single phase products and 400 V a.c. for three phase products. NOTE 2 The measurement of energy consumption and

performance of products during intended use are generally specified in product standards and are not covered by this standard. NOTE 3 The term “products” in this standard includes household appliances or information technology products, consumer electronics, audio, video and multimedia systems; however the measurement methodology could be applied to other products. Where this standard is referenced by more specific standards or procedures, these should define and name the relevant conditions to which this test procedure is applied. This Standard does not apply to the measurement of electrical power consumption in networked standby for interconnecting equipment. NOTE 4 Measurement of electrical power consumption in networked standby for interconnecting equipment is the subject of ETSI standard EN 303 423 “Environmental Engineering (EE) - Electrical and electronic household and office equipment; Measurement of networked standby power consumption for interconnecting equipment”.

Keel: en
Alusdokumendid: prEN IEC 63474:2022; 100/3836/CDV

Arvamusküsitluse lõppkuupäev: 29.01.2023

prEN ISO 14375

Child-resistant non-reclosable packaging for pharmaceutical products - Requirements and testing (ISO 14375:2018)

This document specifies performance requirements and methods of test for non-reclosable packaging that have been designated child-resistant. This document is intended for type approval only (see 3.5) and is not intended for quality assurance purposes.

Keel: en
Alusdokumendid: ISO 14375:2018; prEN ISO 14375

Arvamusküsitluse lõppkuupäev: 29.01.2023

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.

EVS-EN 62920:2017+A11+A1:2021

Fotoelektrilised elektritoite genereerimissüsteemid. Toitemuundurseadmete elektromagnetilise ühilduvuse nõuded ja katsetusmeetodid

Käesolev dokument määratleb elektromagnetilise ühilduvuse (EMÜ) nõuded toitemuundurseadmetele (TMS) (nt AV-AV, AV-VV ja VV-AV), mis on ette nähtud kasutamiseks fotoelektrilistes (FE) toitesüsteemides koos või ilma AV-sidestusega elektrienergia salvestusseadmetega. Siin dokumendis kaetud TMS võib olla võrguga vastastiktoimeline, mis on terminina tuntud kui võrguga sünkroniseeritud toitemuundur (VSTM), või eraldiseisev. Seda võib toita ühest või mitmest fotoelektrilisest moodulist, grupeerituna erinevates maatriks-konfiguratsioonides, ja võib olla ette nähtud kasutamiseks koostöös akudega või muul kujul energiasalvestitega. MÄRKUS. Mikroinverteri näiteks on VSTM, mida toidetakse ühest fotoelektrilisest moodulist. Käesolev dokument ei kata üksnes TMS-d, millised on ühendatud avalikku madalpinge VV-võrku või muusse madalpingelisse VV-võrgu paigaldisse, aga ka kesk- või kõrgepinge VV-võrku ühendatavad TMS-d koos pinget alandava toitetrafoga või ilma selleta. Käesolevas dokumendis on määratletud nõuded kesk- või kõrgepinge VV-võrku ühendatava TMS-le. Siiski, mõned võrguga ühendamise seisukohast olulised nõuded on kajastatud teistes, elektritoite kvaliteeti või mõnede riikide endi võrgueeskirju määratlevates standardites. MÄRKUS. Fotoelektrilistes süsteemide jaoks kasutatavad AV-AV muundurid ei ole käesoleva dokumendiga kaetud. Need võivad tuua kaasa elektromagnetilist häirumist, tingituna AV sidendite juhtivuslikest häiringutest. TMS hinnatakse EMÜ nõuetega tüübikatsetusena katsetuskohas. Käesolev dokument esitab TMS katsetusmeetodid ja katsetuste tingimused, samuti ka nõuded emissioonile ja häiringutaluvusele, kuid mitte fotoelektrilistele moodulitele ega muudele fotoelektrilise süsteemi ülesehituses hõlmatud komponentidele. Kui katsetuskoha tehniliste tingimuste tõttu ei ole katsetuskohas võimalik näidata vastavust EMÜ nõuetele, võib TMS hinnata kasutusasukohas, näiteks tootja valdustes või väljal, kus TMS liidetakse fotoelektrilisse toitesüsteemi. Siiski, kasutusasukohas hindamiseks on CISPR 11-s määratletud vaid nõuded kõrgsagedus¬likule emissioonile.

Keel: et
Alusdokumendid: IEC 62920:2017; EN 62920:2017; EN 62920:2017/A11:2020; IEC 62920:2017/A1:2021; EN 62920:2017/A1:2021

Kommenteerimise lõppkuupäev: 30.12.2022

EVS-EN ISO 898-1:2013

Süsinikterasest ja legeeritud terasest kinnitite mehaanilised omadused. Osa 1: spetsifitseeritud omadusklassidega poldid, kruvid ja tikkpoldid — jämekeere ja peenkeere

Standardi ISO 898 see osa spetsifitseerib süsinikterasest ja legeeritud teasest valmistatud poltide, kruvide ja tikkpoltide mehaanilised ja füüsikalised omadused, kui need on katsetatud keskkonnatemperatuuride vahemikus 10 °C kuni 35 °C. Kinniteid (antud terminit kasutatakse, kui käsitletakse koos polte, kruve ja tikkpolte), mis vastavad standardi ISO 898 sellele osale, hinnatakse selles keskkonnatemperatuuride vahemikus. Need ei pruugi säilitada spetsifitseeritud mehaanilisi ja füüsikalisi omadusi kõrgendatud temperatuuridel (vt lisa B) ja/või madalamatel temperatuuridel. MÄRKUS 1 Kinniteid, mis vastavad standardi ISO 898 selle osa nõuetele, kasutatakse rakendustes temperatuuride vahemikus □50 °C kuni +150 °C. Kasutajatel soovitatakse konsulteerida kogenud kinnitite metallurgiga konkreetse rakenduse jaoks sobivate valikute määramisel temperatuuride jaoks väljaspool vahemikku □50 °C kuni +150 °C ja kuni maksimumtemperatuurini +300 °C. MÄRKUS 2 Teave madalamatel ja kõrgematel temperatuuridel kasutatavate teraste valiku ja rakendamise kohta on toodud näiteks standardites EN 10269, ASTM F2281 ja ASTM A320/A320M. Teatud poldid ja kruvid ei pruugi vastata standardi ISO 898 selle osa tõmbe- või väändenõuetele, kuna nende peade geomeetria vähendab pea nihkeala võrreldes keerme pingealaga. Nende hulka kuuluvad madala või peitpeaga poldid ja kruvid (vt 8.2). Standardi ISO 898 see osa on rakendatav poltidele, kruvidele ja tikkpoltidele □ mis on tehtud süsinikterasest või legeeritud terasest, □ millel on kolmnurkne ISO meeterkeere vastavuses ISO 68-1, □ normaalkeermega M1,6 kuni M39 ja peenkeermega M8□1 kuni M39□3, □ diameetri/sammu kombinatsiooniga vastavuses ISO 261 ja ISO 262 ja □ mille keermetolerantsid on vastavuses ISO 965 1, ISO 965 2 ja ISO 965 4. Dokument ei kehti seadekruvide ja sarnaste keermestatud kinnitusdetailide puhul, mis ei ole tõmbepinge all (vt ISO 898 5). See ei spetsifitseeri nõudeid järgmistele omadustele, nagu □ keevitatavus, □ korrosioonikindlus, □ vastupanu nihkepingele, □ jõumomendi/vastusurvejõu karakteristik (vt katsemeetodit ISO 16047), või □ väsimuskindlus.

Keel: et
Alusdokumendid: ISO 898-1:2013; EN ISO 898-1:2013

Kommenteerimise lõppkuupäev: 30.12.2022

prEN 16510-1

Elamute tahkekütteseadmed. Osa 1: Üldnõuded ja katsemeetodid

See dokument on kohaldatav elamute tahkekütteseadmetele, mille nominaalne soojustootlikkus (-väljastus) ruumide soojendamisel on rohkem kui 6 % kombineeritud nominaalsest soojustootlikkusest ruumide soojendamisel ja soojusväljastusest veega (soojustootlikkuse üldväärtus). Sätestab nõuded, mis käsitlevad tahkel kütusel töötavate kütteseadmete (edaspidi seade või seadmed) projekteerimist, tootmist, konstruktsiooni, ohutust ja toimivust (soojuslik kasutegur ja heitkogused). Lisaks esitab see sätted nõuetelevastavuse, st esmase tüübikatsetuse (initial type testing, ITT) ja tehase tootmisohje (factory production control,

FPC) ning seadmete märgistamise hindamiseks. Selles dokumendis täpsustatakse ka CO, NOx, OGC ja tahkete osakeste (PM) heite mõõtmise katsemeetodeid. See dokument on kohaldatav ka seadmetele, mis on mõeldud korstna raskuse kandmiseks. Seadmeid, mis võtavad põlemisõhku väljastpoolt ebatihedaid välispiirdeid, ei loeta ruumivälise õhuvarustusega seadmeteks. Seda dokumenti ei kohaldata kütteseadmetele, kus katla (või veesoojenduskontuuri) osad on vahetus kokkupuutes tule või suitsugaasidega, välja arvatud juhul, kui katla osad on valmistatud terasest või malmist. Seda dokumenti ei kohaldata veesoojenduskontuuriga kütteseadmetele: — mille vee temperatuur on üle 110 °C ja/või töörõhk üle 300 kPa (3 baari); — millel on otsene kokkupuude kuuma majapidamisveega. See dokument ei käsitle kütteseadmeid, mis töötavad ventileerimisseadmetega, mis on ette nähtud töötamiseks seadme paigaldusruumis rõhuga alla 15 Pa välisõhu suhtes.

Keel: et
Alusdokumendid: prEN 16510-1

Kommenteerimise lõppkuupäev: 30.12.2022

prEN 50160

Avalike elektrivõrkude pinge tunnussuurused

See standard määratleb avalike madal-, kesk-, kõrge- ja ülikõrgepinge vahelduvvoolu elektrivõrkude pinge põhilisi tunnussuurusi elektrivõrgu kasutaja liitumispunktis normaaltalitlusel. See standard määratleb piirväärtusi või prognoositavaid väärtusi, millistes piirides võib pinge tunnussuurusi oodata Euroopa avalike elektrivõrkude mis tahes liitumispunktides. Tööstusvõrgud ei kuulu standardi EN 50160 rakendusalasse. MÄRKUS 1 Kui mitteavalikes võrkudes (nt elamukvartalid, energiakogukonnad, bürookeskused, kaubanduskeskused) lõppkasutajad on sarnased üldkasutatavate võrkudega, on tungivalt soovitatav kohaldada samu nõudeid, mis avalike võrkude puhul. See standard ei kehti järgmiste anormaalsete talitlustingimuste korral: a) ajutise elektrivarustuse korraldamine elektrivõrgu kasutajate toite jätkamiseks või toitekatkestuse ulatuse ja kestuse vähendamiseks olukorras, mis on tekkinud rikke tagajärjel või hooldus- ja ehitustööde tõttu; b) elektrivõrgu kasutaja elektripaigaldise või seadmestiku mittevastamine asjakohastele standarditele või riigiasutuste või elektrivõrgu käitaja kehtestatud liitumise tehnilistele nõuetele, sh pikihäiringute (juhtmejuhitud) emissiooni piirnivoodele; MÄRKUS 2 Elektrivõrgu kasutaja elektripaigaldis võib sisaldada koormust ja genereerimist. c) erandolukordades, konkreetsemalt öeldes, 1) erandlikud ilmastikuolud ja muud loodusõnnetused; 2) kolmandate osapoolte sekkumine; 3) võimuorganite otsused; 4) seaduslikud streigid (alluvad juriidilistele nõuetele); 5) vääramatu jõud; 6) välistest sündmustest tingitud võimsusvajak. Selles standardis antud pinge tunnussuurused vastavad pikihäiringutele avalikes elektrivõrkudes ja ei ole ette nähtud kasutamiseks emissiooni nivoodena elektromagnetilisel ühilduvusel või toodete emissioonide piirväärtustena. Elektrikvaliteet on elektromagnetilise ühilduvusega seotud mitmel viisil – eriti seetõttu, et elektrienergia kvaliteedi nõuete täitmine sõltub kõigist/mitmest seadmest ja/või paigaldise elektromagnetiliste emissioonide kumulatiivse mõju juhtimisest. Seetõttu selles standardis antud pinge tunnussuurused on juhisteks seadmete tootestandardite ja paigaldiste standardite nõuete täpsustamiseks. MÄRKUS 3 Seadme talitlus võib halveneda, kui teda kasutatakse tootestandardi nõuetele mittevastavates toitetingimustes. MÄRKUS 4 Selle standardi võib täielikult või osaliselt asendada üksiku elektrivõrgu kasutaja ja võrgukäitaja vahelise lepingu tingimustega. Kaebuste haldamise ja probleemide leevendamiskulude jagamine asjaosaliste vahel jääb väljapoole standardi EN 50160 rakendusala. Selles standardis rakendatavaid mõõtemeetodeid on kirjeldatud standardis EN 61000-4-30.

Keel: et
Alusdokumendid: prEN 50160

Kommenteerimise lõppkuupäev: 30.12.2022

prEVS-ISO 24143

Informatsioon ja dokumentatsioon. Infohaldus. Kontseptsioon ja põhimõtted

See dokument kehtestab infohalduse mõisted ja põhimõtted. See dokument kohaldub organisatsiooni infovarade valitsemisele, mis on loodud minevikus, luuakse käesoleval hetkel ja tulevikus. See kohaldub mistahes valdkonnas tegutsevatele igas suuruses organisatsioonidele, sealhulgas avaliku sektori ja eraõiguslikele asutustele, valitsuse organisatsioonidele ja mittetulundusühingutele.

Keel: et
Alusdokumendid: ISO 24143:2022

Kommenteerimise lõppkuupäev: 30.12.2022

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 ISO 11746:2012

Rice - Determination of biometric characteristics of kernels (ISO 11746:2012)

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

Keel: en
Alusdokumendid: ISO 11746:2012; EN ISO 11746:2012
Tühistamisküsitluse lõppkuupäev: 30.12.2022

EVS-EN ISO 11746:2012/A1:2017

Rice - Determination of biometric characteristics of kernels - Amendment 1 (ISO 11746:2012/Amd 1:2017)

Amendment for EN ISO 11746:2012

Keel: en
Alusdokumendid: ISO 11746:2012/Amd 1:2017; EN ISO 11746:2012/A1:2017
Tühistamisküsitluse lõppkuupäev: 30.12.2022

EVS-HD 467.1.2 S1:2003

Methods of measurement for radio equipment used in satellite earth stations; Part 1: Measurements common to sub-systems and combinations of sub- systems; Section 2: Measurements in the r.f. range

Deals with measurements normally made at radio frequencies for transmitting and receiving equipment used in earth stations for communication through orbiting satellites.

Keel: en
Alusdokumendid: IEC 60510-1-2:1984; HD 467.1.2 S1:1986
Tühistamisküsitluse lõppkuupäev: 30.12.2022

EVS-HD 467.2.3 S1:2003

Methods of measurement for radio equipment used in satellite earth stations; Part 2: Measurements for sub-systems; Section 3: Low-noise amplifier

Describes methods of measurement of the electrical characteristics of the low-noise amplifier which follows an earth station antenna.

Keel: en
Alusdokumendid: IEC 60510-2-3:1989; HD 467.2.3 S1:1990
Tühistamisküsitluse lõppkuupäev: 30.12.2022

EVS-HD 477.1 S1:2003

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 1: Measurements common to sub-systems and simulated radio-relay systems

Gives standard conditions of measurement and methods of measuring the characteristics common to sub-systems of terrestrial line-of-sight radio-relay systems and to simulated radio-relay systems using frequency modulation. The tests described are limited to analogue transmission systems. Standardizes the conditions and methods of measurement to be used to ascertain the performance of terrestrial radio-relay systems and of the equipment used in such systems, and facilitates the comparison of the results of measurements made by different observers. Contains details of selected methods of making measurements to enable the assessment of the essential properties of a terrestrial radio-relay system and of the equipment used in such systems.

Keel: en
Alusdokumendid: IEC 60487-1:1984; HD 477.1 S1:1987
Tühistamisküsitluse lõppkuupäev: 30.12.2022

EVS-HD 477.2.1 S1:2003

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 2: Measurements for sub-systems; Section 1: General

Defines measurement methods for assessing the electrical characteristics of sub-systems in order to facilitate the comparison of results of measurements made by different observers. The methods described are intended for 'type' and 'acceptance' tests and they may also be used for factory tests.

Keel: en
Alusdokumendid: IEC 60487-2-1:1981; HD 477.2.1 S1:1987
Tühistamisküsitluse lõppkuupäev: 30.12.2022

EVS-HD 477.2.2 S1:2003

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 2: Measurements for sub-systems; Section 2: Stand- by channel switching equipment

Deals with measurements for sub-systems used for stand-by channel switching. Gives methods of measurement for the transmission characteristics of sub-systems inserted in the transmission chain.

Keel: en
Alusdokumendid: IEC 60487-2-2:1981; HD 477.2.2 S1:1987
Tühistamisküsitluse lõppkuupäev: 30.12.2022

EVS-HD 477.2.4 S1:2003

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 2: Measurements for sub-systems; Section 4: Frequency modulators

Gives methods of measurement for the electrical characteristics of frequency modulators, using where possible only measurement involving the basic modulator.

Keel: en
Alusdokumendid: IEC 60487-2-4:1984; HD 477.2.4 S1:1987
Tühistamisküsitluse lõppkuupäev: 30.12.2022

EVS-HD 477.2.5 S1:2003

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 2: Measurements for sub-systems; Section 5: Frequency demodulators

Gives methods of measurement for the electrical characteristics of frequency demodulations. Where possible the measurements are limited to the basic demodulator excluding the de-emphasis network and the networks associated with sound sub-carrier signals, pilot signals and auxiliary signals.

Keel: en
Alusdokumendid: IEC 60487-2-5:1984; HD 477.2.5 S1:1987
Tühistamisküsitluse lõppkuupäev: 30.12.2022

EVS-HD 477.2.6 S1:2003

Methods of measurement for equipment used in terrestrial radio-relay systems - Part 2: Measurement for sub-systems - Section six - diversity. Twin-path and not stand-by equipment

Methods of measurement for equipment used in terrestrial radio-relay systems - Twin-path and not stand-by equipment

Keel: en
Alusdokumendid: IEC 60487-2-6:1984; HD 477.2.6 S1:1987
Tühistamisküsitluse lõppkuupäev: 30.12.2022

EVS-HD 477.3 S1:2003

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 3: Simulated systems

Gives certain definitions and some general observations on simulated systems.

Keel: en
Alusdokumendid: IEC 60487-3:1975; HD 477.3 S1:1988
Tühistamisküsitluse lõppkuupäev: 30.12.2022

EVS-HD 477.3.2 S1:2003

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 3: Simulated systems; Section 2: Measurements in the baseband

Deals with baseband measurements on simulated radio-relay systems which are not directly related to a particular type of signal actually being transmitted. These measurements are carried out typically at the modulator input and the demodulator output points and exclude auxiliary terminal equipment.

Keel: en
Alusdokumendid: IEC 60487-3-2:1981; HD 477.3.2 S1:1988
Tühistamisküsitluse lõppkuupäev: 30.12.2022

EVS-HD 477.3.3 S1:2003

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 3: Simulated systems; Section 3: Measurements for monochrome and colour television transmission

Deals with measurements for monochrome and colour television transmission over simulated radio-relay systems. The measurements are additional to those already given in Part 3, Section Two of this publication.

Keel: en
Alusdokumendid: IEC 60487-3-3:1981; HD 477.3.3 S1:1989
Tühistamisküsitluse lõppkuupäev: 30.12.2022

EVS-HD 477.3.4 S1:2003

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 3: Simulated systems; Section 4: Measurements for f.d.m. transmission

Deals with baseband-to-baseband measurements of the noise performance of simulated radio-relay systems used for frequency division multiplex telephony. These measurements are additional to those already given in Part 3, Section Three of IEC 60487-3-3.

Keel: en
Alusdokumendid: IEC 60487-3-4:1982; HD 477.3.4 S1:1989
Tühistamisküsitluse lõppkuupäev: 30.12.2022

EVS-HD 477.3.6 S1:2003

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 3: Simulated systems; Section 6: Measurements for sound- programme transmission

Deals with methods of measurement for sound-programme analogue channels carried by radio-relay systems. Concerned only with the audio-frequency band and is additional to the measurement described in sections three, four and five of this publication. Sound channels can be derived using analogue or time division multiplex techniques.

Keel: en
Alusdokumendid: IEC 60487-3-6:1984; HD 477.3.6 S1:1988
Tühistamisküsitluse lõppkuupäev: 30.12.2022

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.

HD 60364-5-52:2011/A12:2022

Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems

Eeldatav avaldamise aeg Eesti standardina 03.2023

EN 14487-1:2022

Sprayed concrete - Part 1: Definitions, specifications and conformity

Eeldatav avaldamise aeg Eesti standardina 01.2023

EN 15269-3:2022

Extended application of test results for fire resistance and/or smoke control for doorsets, shutter and openable window assemblies, including their elements of building hardware - Part 3: Fire resistance of hinged and pivoted timber doorsets and openable timber framed windows

Eeldatav avaldamise aeg Eesti standardina 05.2023

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 17037:2019+A1:2021/AC:2022
Päevavalgus hoonetes
Daylight in buildings

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/TS 54-32:2015

Tulekahju avastamise ja tulekahjust alarmeerimise süsteem. Osa 32: Häälalarmisüsteemide planeerimine, projekteerimine, paigaldamine, kasutuselevõtt, kasutamine ja hooldus
Fire detection and fire alarm systems - Part 32: Planning, design, installation, commissioning, use and maintenance of voice alarm systems

See tehniline spetsifikatsioon annab juhised häälteadustussüsteemide planeerimiseks, projekteerimiseks, paigaldamiseks, kasutuselevõtuks, kasutamiseks, hooldamiseks ja muutmiseks hoonetes ja nende ümbruses, mis edastavad teavet elude kaitsmiseks tulekahju korral. Vt standardi EN 54-1:2011 joonise 1 punktid C ja M. Need juhised hõlmavad häälteadustussüsteeme, mis käivituvad automaatselt tulekahju avastamise ja tulekahjust alarmeerimise süsteemi poolt või mis käivituvad käsitsi või mõlemat. See tehniline spetsifikatsioon ei kehti tulekahju avastamise ja tulekahjust alarmeerimise süsteemidele, mis kasutavad ainult häälteadusteid, kellasid või heliedastusseadmeid või eelnevate kombinatsioone. MÄRKUS 1 CEN-i tehnilises spetsifikatsioonis CEN/TS 54-14 on antud nende süsteemide jaoks juhised. See tehniline spetsifikatsioon ei välista häälteadustussüsteemide kasutamist hädaolukorras muudel eesmärkidel kui tulekahju korral. MÄRKUS 2 Kui seda kasutatakse muudes kui tulekahjust tingitud hädaolukodades, võib olla asjakohane muuta selles tehnilises spetsifikatsioonis esitatud juhiseid. See tehniline spetsifikatsioon ei välista häälteadustussüsteemide kasutamist mittehädaolukorras.

EVS-EN ISO 13851:2019

Masinate ohutus. Kahekäejuhtimisseadised. Projekteerimise ja valiku põhimõtted
Safety of machinery - Two-hand control devices - Principles for design and selection (ISO 13851:2019)

Selles dokumendis sätestatakse kahekäejuhtimisseadise ohutusnõuded ja sõltuvus väljundsignaalist, mis tuleneb juhtimise täiturseadise käsitsi aktiveerimisest. Selles dokumendis kirjeldatakse kahekäejuhtimisseadiste peamisi omadusi ohutuse saavutamiseks ja sätestatakse kolme tüüpi funktsionaalsete omaduste kombinatsioonid. Seda ei kohaldata seadiste suhtes, mis on ette nähtud kasutamiseks toimimist võimaldavate seadistena, isetagastuvate juhtimisseadistena või spetsiaalsete juhtimisseadistena. Selles dokumendis ei ole täpsustatud, milliste masinatega kahekäejuhtimisseadiseid tuleb kasutada. Samuti ei täpsustata, millist tüüpi kahekäejuhtimisseadiseid tuleb kasutada konkreetses rakenduses. Lisaks sellele, vaatamata esitatud juhistele, pole täpsustatud nõutavat kaugust kahekäejuhtimisseadise ja ohuala vahel (vt 8.8). Selles dokumendis esitatakse projekteerimisnõuded ja kahekäejuhtimisseadiste valiku juhised (riskihindamise alusel), sealhulgas katkestuse vältimiseks, tõrgete vältimiseks ja nõuetele vastavuse kontrollimiseks. MÄRKUS 1 Kahekäejuhtimisseadis pakub kaitset ainult selle seadise kasutajale. MÄRKUS 2 Konkreetsete masinate puhul saab kahekäejuhtimisseadise määratleda sobivaks kaitseseadiseks C-liiki standardis. Kui sellist standardit ei ole või see ei ole asjakohane, vastutab riskihindamise ja sobivate kaitsemeetmete kindlaksmääramise eest masina tootja. Seda dokumenti kohaldatakse kõigile kahekäejuhtimisseadistele, sõltumata kasutatavast energia liigist, sealhulgas — kahekäejuhtimisseadistele, mis on paigaldamiseks täielikult kokku pandud; — kahekäejuhtimisseadistele, mille on kokku pannud masina tootja või integreerija. Seda dokumenti ei kohaldata kahekäejuhtimisseadistele, mis on valmistatud enne selle dokumendi avaldamise kuupäeva.

EVS-EN ISO 1461:2022

Terasele kantavad kuumtsinkpinnakatted (tükktsinkimine). Nõuded ja katsemeetodid
Hot dip galvanized coatings on fabricated iron and steel articles - Specifications and test methods (ISO 1461:2022)

See dokument spetsifitseerib üldised nõuded ja katsemeetodid kuumtsinkpinnakatetele, mis on kantud toodetud raud- ja terasdetailidele (kaasa arvatud teatud valandid) nende kastmise teel sulatsinki (mille teiste metallide sisaldus ei ületa 2 %). See dokument ei rakendu a) pidevprotsessis kuumsukeltsingitud plekk-, traat- ja punutud või keevitatud võrktoodetele; b) automaatliinil kuumsukeltsingitud torudele; c) kuumsukeltsingitud toodetele (nt kinnitid), mille kohta on olemas spetsiifilised standardid ja mis võivad sisaldada lisanõudeid või nõudeid, mis erinevad selle dokumendi nõuetest. MÄRKUS Spetsiifilised tootestandardid võivad seda kuumtsinkpinnakatteid käsitlevat dokumenti hõlmata, viidates selle numbrile või seda toote iseärasuste järgi kohandades. Eri nõudeid võidakse esitada ka nende toodete tsinkpinnakatetele, millele on kehtestatud seadusega sätestatud nõuded. See dokument ei käsitle järeltöötlust ega kuumsukeltsingitud detailide lisapinnakatteid.

EVS-EN ISO 41018:2022

Kinnisvarakeskkonna korraldus. Kinnisvarakeskkonna korralduse poliitika kujundamine
Facility management - Development of a facility management policy (ISO 41018:2022)

See dokument annab juhised kinnisvarakeskkonna korralduse poliitika väljatöötamiseks, kui organisatsioon a) kavatseb luua raamistiku kinnisvarakeskkonna korralduse eesmärkide seadmiseks ja tõhusaks riskijuhtimiseks; b) kavatseb saavutada kooskõla kinnisvarakeskkonna korralduse strateegia ja operatiivsete kinnisvarakeskkonna korralduse nõuete vahel; c) soovib parandada kinnisvarakeskkonna korralduse süsteemi kasulikkust ja eeliseid; d) soovib järjepidevalt rahuldada huvitatud osapoolte vajadusi ja kehtivaid kinnisvarakeskkonna korralduse nõudeid; e) soovib olla jätkusuutlik.

EVS-HD 60364-5-54:2011/A1:2022

Madalpingelised elektripaigaldised. Osa 5-54: Elektriseadmete valik ja paigaldamine. Maandamine ja kaitsejuhid

Low-voltage electrical installations - Part 5-54: Selection and erection of electrical equipment - Earthing arrangements and protective conductors (IEC 60364-5-54:2011/A1:2021)

Standardi EVS-HD 60364-5-54:2011 muudatus.

EVS-HD 60364-5-54:2011+A11+A1:2022

Madalpingelised elektripaigaldised. Osa 5-54: Elektriseadmete valik ja paigaldamine. Maandamine ja kaitsejuhid

Low-voltage electrical installations - Part 5-54: Selection and erection of electrical equipment - Earthing arrangements and protective conductors (IEC 60364-5-54:2011 + IEC 60364-5-54:2011/A1:2021)

Standardisarja IEC 60364 see osa käsitleb maandamist ja kaitsejuhte, sealhulgas kaitsepotentsiaali-ühtlustusjuhte elektripaigaldise ohutuse tagamise seisukohast. See dokument sisaldab ühtlasi nõudeid, mis puudutavad info- ja kommunikatsioonitehnikas kasutatavat maandamist ja potentsiaaliühtlustust eesmärgiga — vähendada elektriliste ohtude riski selliste seadiste ning info- ja kommunikatsioonitehnilise juhistiku korrektsel talitlemisel; — näha ette töökindla signaaliesitustasandiga telekommunikatsioonisüsteemid, mis võivad parandada takistust elektromagnetilistele häiretele standardi ISO/IEC 30129 kohaselt. MÄRKUS Info- ja kommunikatsioonitehnika näidete hulka kuuluvad — alalisvoolu-toitevõrgud (ja -süsteemid) ehitises paiknevate info- ja kommunikatsioonitehnikaseadmete toiteks; — tähekujulised automaat-kodukeskjaamad (private automatic branch exchanges, PABX) või nende seadmed, — kohaliku piirkonna kommunikatsioonivõrgud (local area networks, LANs), — tuletõrje- ja sissetungialarmi kommunikatsioonisüsteemid, — ehitise automatiseerimissüsteemid, nt otsesed digitaaljuhtimissüsteemid (direct digital control systems); — raaltootmissüsteemid (computer-aided manufacturing, CAM) ja muud raalipõhised teenused; — ringhäälingu- ja kommunikatsioonitehnika.

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
CEN/TS 54-32:2015	Automaatne tulekahjusignalisatsioonisüsteem. Osa 32: Häälalarmisüsteemide planeerimine, projekteerimine, paigaldamine, kasutuselevõtt, kasutamine ja hooldus	Tulekahju avastamise ja tulekahjust alarmeerimise süsteem. Osa 32: Häälalarmisüsteemide planeerimine, projekteerimine, paigaldamine, kasutuselevõtt, kasutamine ja hooldus
EVS-EN ISO 13851:2019	Masinate ohutus. Kahekäe-juhtseadised. Konstrueerimise ja valiku põhimõtted	Masinate ohutus. Kahekäejuhtimisseadised. Projekteerimise ja valiku põhimõtted

UUED EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN ISO 41018:2022	Facility management - Development of a facility management policy (ISO 41018:2022)	Kinnisvarakeskkonna korraldus. Kinnisvarakeskkonna korralduse poliitika kujundamine