EESTI STANDARDIKESKUS
ESTONIAN CENTRE FOR STANDARDISATION

Avaldatud 18.12.2017

EVS TEATAJA

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

ISSN 1406-0698

Ilmub alates 1993. aastast

SISUKORD

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID 3
ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID 30
STANDARDIKAVANDITE ARVAMUSKÜSITLUS 48
TÕLKED KOMMENTEERIMISEL 67
ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE 69
TÜHISTAMISKÜSITLUS 70
TEADE EUROOPA STANDARDI OLEMASOLUST 71
UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID 72
STANDARDIPEALKIRJADE MUUTMINE 75
UUED HARMONEERITUD STANDARDID 76

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 13306:2017
Maintenance - Maintenance terminology

This European Standard specifies generic terms and definitions for the technical, administrative and managerial areas of maintenance. It is not intended to terms which are used for the maintenance of software only.

Keel: en
Alusdokumendid: EN 13306:2017
Asendab dokumenti: EVS-EN 13306:2010

EVS-EN 14478:2017
Raudteealased rakendused. Pidurdamine. Üldsõnavara
Railway applications - Braking - Generic vocabulary

This European Standard provides terms and definitions for common use for brakes and braking in rolling stock.

Keel: en
Alusdokumendid: EN 14478:2017
Asendab dokumenti: EVS-EN 14478:2006

EVS-EN 63080:2017
Accessibility terms and definitions

IEC 63080:2017(E) contains a list of currently used terminology to describe accessibility and terms that writers of standards need when writing and designing International Standards. It is important to standardize and define a recognized list of the terms already used and in existing ITU Recommendations and Resolutions, along with those in the UN Convention on the Rights of Persons with Disabilities (UNCRPD). Without such a list, there could be confusion not only on the part of writers and implementers of standards, but also by the public at large. It is also important to eliminate terminology that is no longer used, offensive, and demeaning to persons with disabilities (PWD) and others.

Keel: en
Alusdokumendid: IEC 63080:2017; EN 63080:2017

EVS-EN ISO 11073-10101:2005/A1:2017
Health informatics - Point-of-care medical device communication - Part 10101: Nomenclature - Amendment 1: Additional definitions (ISO/IEEE 11073-10101:2004/Amd 1:2017)

Amendment for EN ISO 11073-10101:2005

Keel: en
Alusdokumendid: EN ISO 11073-10101:2005/A1:2017; ISO/IEEE 11073-10101:2004/Amd 1:2017
Muudab dokumenti: EVS-EN ISO 11073-10101:2005

EVS-IEC 60050-321:2017
Rahvusvaheline elektrotehnika sõnastik. Osa 321: Mõõtetrafod
International Electrotechnical Vocabulary. Chapter 321: Instrument transformers (IEC 60050-321:1986)

Selles rahvusvahelise elektrotehnika sõnastiku osas käsitletakse tavapäraseid mähistega mõõtetrafosid, mis on mõeldud kasutamiseks koos mõõteseadmetega või kaitseseadmetega.

Keel: et-en
Alusdokumendid: IEC 60050-321:1986

EVS-IEC 60050-436:2017
Rahvusvaheline elektrotehnika sõnastik. Osa 436: Jõukondensaatorid
International Electrotechnical Vocabulary. Chapter 436: Power capacitors (IEC 60050-436:1990)

Selles rahvusvahelise elektrotehnika sõnastiku osas käsitletakse jõukondensaatorite üldtermineid, funktsioone, tehnilisi vahendeid ja talitluskarakteristikuid.

Keel: et-en
Alusdokumendid: IEC 60050-436:1990

EVS-IEC 60050-448:2017
Rahvusvaheline elektrotehnika sõnastik. Osa 448: Elektrisüsteemi kaitse
International Electrotechnical Vocabulary - Chapter 448: Power system protection (IEC 60050-448:1995)

Selles rahvusvahelise elektrotehnika sõnastiku osas käsitletakse elektrisüsteemi kaitse üldtermineid ning kaitsesüsteemi, rikete ja automaatsete juhtimisseadmetega seotud termineid.

Keel: et-en
Alusdokumendid: IEC 60050-448:1995

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

EVS-EN 13306:2017
Maintenance - Maintenance terminology

This European Standard specifies generic terms and definitions for the technical, administrative and managerial areas of maintenance. It is not intended to terms which are used for the maintenance of software only.

Keel: en
Alusdokumendid: EN 13306:2017
Asendab dokumenti: EVS-EN 13306:2010

EVS-EN ISO 16407-1:2017
Electronic fee collection - Evaluation of equipment for conformity to ISO 17575-1 - Part 1: Test suite structure and test purposes (ISO 16407-1:2017)

The ISO 16407 series of standards specifies a suite of tests in order to assess the Front End and Back End behaviour compliancy towards the requirements listed in ISO 17575-1. ISO 16407-1:2017 contains the definition of such tests in the form of test purposes, listing the required initial conditions, references and individual steps in a structured textual manner.

Keel: en
Alusdokumendid: ISO 16407-1:2017; EN ISO 16407-1:2017
Asendab dokumenti: CEN ISO/TS 16407-1:2011

EVS-EN ISO 25110:2017
Electronic fee collection - Interface definition for on-board account using integrated circuit card (ICC) (ISO 25110:2017)

ISO 25110:2017 defines the data transfer models between roadside equipment (RSE) and integrated circuit card (ICC) and the interface descriptions between the RSE and on-board equipment (OBE) for on-board accounts using the ICC. It also provides examples of interface definitions and transactions deployed in several countries.

Keel: en
Alusdokumendid: ISO 25110:2017; EN ISO 25110:2017
Asendab dokumenti: CEN ISO/TS 25110:2013

EVS-EN ISO/IEC 17025:2017
Üldnõuded katse- ja kalibreerimislaborite kompetentsusele
General requirements for the competence of testing and calibration laboratories (ISO/IEC 17025:2017)

See dokument määratleb üldnõuded laborite kompetentsusele, erapooletusele ja järjekindlale tegutsemisele. See dokument rakendub kõigile laboritegevusi sooritavatele organisatsioonidele, sõltumata nende töötajate arvust. Laborite kliendid, seadusandjad, vastastikust hindamist kasutavad organisatsioonid ja skeemid, akrediteerimisasutused ja teised kasutavad seda dokumenti laborite kompetentsuse kinnitamisel või tunnustamisel.

Keel: et-en
Alusdokumendid: EN ISO/IEC 17025:2017; ISO/IEC 17025:2017
Asendab dokumenti: EVS-EN ISO/IEC 17025:2006
Asendab dokumenti: EVS-EN ISO/IEC 17025:2006/AC:2006

11 TERVISEHOOLDUS

EVS-EN 63080:2017
Accessibility terms and definitions

IEC 63080:2017(E) contains a list of currently used terminology to describe accessibility and terms that writers of standards need when writing and designing International Standards. It is important to standardize and define a recognized list of the terms already used and in existing ITU Recommendations and Resolutions, along with those in the UN Convention on the Rights of Persons with Disabilities (UNCRPD). Without such a list, there could be confusion not only on the part of writers and implementers of standards, but also by the public at large. It is also important to eliminate terminology that is no longer used, offensive, and demeaning to persons with disabilities (PWD) and others.

Keel: en
Alusdokumendid: IEC 63080:2017; EN 63080:2017

EVS-EN ISO 10993-16:2017

Meditsiiniseadmete bioloogiline hindamine. Osa 16: Degradatsiooni produktide ja uhtainete jaoks mõeldud toksikokineetilise uuringu kava
Biological evaluation of medical devices - Part 16: Toxicokinetic study design for degradation products and leachables (ISO 10993-16:2017)

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

Keel: en
Alusdokumendid: ISO 10993-16:2017; EN ISO 10993-16:2017
Asendab dokumenti: EVS-EN ISO 10993-16:2010

EVS-EN ISO 14457:2017
Dentistry - Handpieces and motors (ISO 14457:2017)

ISO 14457:2017 specifies requirements and test methods for handpieces and motors used in dentistry for treatment of patients and having patient contact, regardless of their construction. It also specifies requirements for manufacturer's information, marking and packaging. ISO 14457:2017 is applicable to the following: a) straight and angle handpieces; b) high-speed air turbine handpieces; c) air motors; d) electrical motors; e) prophy handpieces. ISO 14457:2017 is not applicable to the following: - intraoral camera handpieces; - powered polymerization handpieces; - air-powered scalers; - electrical-powered scalers; - powder jet handpieces; - multifunction handpieces (syringes). NOTE See Annex A for clarification of handpieces and motor types covered by ISO 14457:2017.

Keel: en
Alusdokumendid: ISO 14457:2017; EN ISO 14457:2017
Asendab dokumenti: EVS-EN ISO 14457:2012

EVS-EN ISO 14889:2013/A1:2017
Oftalmiline optika. Prilliläätsed. Põhinõuded mõõtulõikamata viimistletud prilliläätsedele
Ophthalmic optics - Spectacle lenses - Fundamental requirements for uncut finished lenses - Amendment 1 (ISO 14889:2013/Amd 1:2017)

Muudatus standardile EN ISO 14889:2013

Keel: en
Alusdokumendid: ISO 14889:2013/Amd 1:2017; EN ISO 14889:2013/A1:2017
Muudab dokumenti: EVS-EN ISO 14889:2013

EVS-EN ISO 17664:2017
Meditsiiniseadmete steriliseerimine. Tootja poolt esitatav informatsioon resteriliseeritavate meditsiiniseadmete käitlemise kohta
Processing of health care products - Information to be provided by the medical device manufacturer for the processing of medical devices (ISO 17664:2017)

ISO 17664:2017 specifies requirements for the information to be provided by the medical device manufacturer for the processing of a medical device that requires cleaning followed by disinfection and/or sterilization to ensure that the device is safe and effective for its intended use. This includes information for processing prior to use or reuse of the medical device. The provisions of ISO 17664:2017 are applicable to medical devices that are intended for invasive or other direct or indirect patient contact.

Keel: en
Alusdokumendid: ISO 17664:2017; EN ISO 17664:2017
Asendab dokumenti: EVS-EN ISO 17664:2004

EVS-EN ISO 5359:2014/A1:2017
Anesteesia- ja hingamisaparatuur. Meditsiiniliste gaaside jaoks kasutatavad madalrõhu voolikukomplektid
Anaesthetic and respiratory equipment - Low-pressure hose assemblies for use with medical gases - Amendment 1 (ISO 5359:2014/Amd 1:2017)

Muudatus standardile EN ISO 5359:2014

Keel: en
Alusdokumendid: ISO 5359:2014/Amd 1:2017; EN ISO 5359:2014/A1:2017
Muudab dokumenti: EVS-EN ISO 5359:2014

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TR 15419:2017
Protective clothing - Guidelines for selection, use, care and maintenance of chemical protective clothing

This Technical Report is primarily intended for users, specifiers and others with responsibility for the procurement and provision of chemical protective clothing. It is also intended to be used by manufacturers in their dialogue with the users of PPE. This Technical Report is intended to clarify the inter-relationship of the set of standards, developed by CEN/TC 162 WG 3, and to

explain the main ideas behind these standards. This set of standards has been developed in support of the European legislation on PPE and is currently used as a major technical tool for the assessment and certification of CPC before it is put on the European market. These guidelines are intended to assist users and specifiers in selecting the correct type of CPC for the task to be performed, and to help them ensure it is used according to the manufacturer's instructions to provide adequate protection during its entire lifetime. Lifetime and effectiveness of protective clothing depend largely on care and maintenance. When cleaning, disinfection and end-of-life disposal are considered the environmental impact should also be taken into account. This Technical Report does not address chemical nuisance factors without potential impact on a person's health and safety, e.g. smell.

Keel: en
Alusdokumendid: CEN/TR 15419:2017
Asendab dokumenti: CEN/TR 15419:2006

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

IEC 62232:2017(E) provides methods for the determination of radio-frequency (RF) field strength and specific absorption rate (SAR) in the vicinity of radiocommunication base stations (RBS) for the purpose of evaluating human exposure. This document: - considers intentionally radiating RBS which transmit on one or more antennas using one or more frequencies in the range 110 MHz to 100 GHz; - considers the impact of ambient sources on RF exposure at least in the 100 kHz to 300 GHz frequency range; - specifies the methods to be used for RF exposure evaluation for compliance assessment applications, namely: - product compliance - determination of compliance boundary information for an RBS product before it is placed on the market; - product installation compliance - determination of the total RF exposure levels in accessible areas from an RBS product and other relevant sources before the product is put into service; - in-situ RF exposure assessment – measurement of in-situ RF exposure levels in the vicinity of an RBS installation after the product has been taken into operation; - describes several RF field strength and SAR measurement and computation methodologies with guidance on their applicability to address both the in-situ evaluation of installed RBS and laboratory-based evaluations; - describes how surveyors, with a sufficient level of expertise, establish their specific evaluation procedures appropriate for their evaluation purpose; - provides guidance on how to report, interpret and compare results from different evaluation methodologies and, where the evaluation purpose requires it, determine a justified decision against a limit value and - provides short descriptions of the informative example case studies given in the companion Technical Report IEC TR 62669 [1] This second edition cancels and replaces the first edition published in 2011 and constitutes a technical revision.

Keel: en
Alusdokumendid: IEC 62232:2017; EN 62232:2017
Asendab dokumenti: EVS-EN 50383:2010
Asendab dokumenti: EVS-EN 50383:2010/AC:2013
Asendab dokumenti: EVS-EN 50400:2006
Asendab dokumenti: EVS-EN 50400:2006/A1:2012
Asendab dokumenti: EVS-EN 50400:2006/AC:2011
Asendab dokumenti: EVS-EN 50492:2008
Asendab dokumenti: EVS-EN 50492:2008/A1:2014

EVS-EN ISO 14644-15:2017

Cleanrooms and associated controlled environments - Part 15: Assessment of suitability for use of equipment and materials by airborne chemical concentration (ISO 14644-15:2017)

ISO 14644-15:2017 provides requirements and guidelines for assessing the chemical airborne cleanliness of equipment and materials which are foreseen to be used in cleanrooms and associated controlled environments which are linked to the ISO standard for cleanliness classes by chemical concentration (see ISO 14644- 8). The following are outside the scope of ISO 14644-15:2017: - health and safety requirements; - compatibility with cleaning agents and techniques; - cleanability; - biocontamination; - specific requirements of equipment and materials for processes and products; - design details of equipment.

Keel: en
Alusdokumendid: ISO 14644-15:2017; EN ISO 14644-15:2017

EVS-EN ISO 18674-3:2017

Geotechnical investigation and testing - Geotechnical monitoring by field instrumentation - Part 3: Measurement of displacements across a line: Inclinometers (ISO 18674-3:2017)

ISO 18674-3:2017 specifies the measurement of displacements across a line by means of inclinometers carried out for geotechnical monitoring. General rules of performance monitoring of the ground, of structures interacting with the ground, of geotechnical fills and of geotechnical works are presented in ISO 18674- 1. ISO 18674-3:2017 also refers to deflectometers (see Annex B) to supplement inclinometers for the determination of horizontal displacements across horizontal measuring lines. NOTE In general, there are two independent displacement components acting across measuring lines. Inclinometers allow the determination of the two components for vertical measuring lines. For horizontal lines, inclinometers are limited to the determination of the vertical component only. If applied in conjunction with ISO 18674- 2, ISO 18674-3:2017 allows the determination of displacements acting in any direction. ISO 18674-3:2017 is applicable to: - checking geotechnical designs in connection with the Observational Design procedure; - monitoring of geotechnical structures prior to, during and after construction (e.g. natural slopes, slope cuts, embankments, excavation walls, foundations, dams, refuse dumps, tunnels); - deriving geotechnical key parameters (e.g. from results of pile load tests or trial tunnelling); - identification and monitoring of active shear planes in the ground. NOTE ISO 18674-3:2017 fulfils the requirements for the performance monitoring of the ground, of structures interacting with the ground and of geotechnical works by the means of inclinometers as part of the geotechnical investigation and testing in accordance with References [1] and [2].

Keel: en

Alusdokumendid: ISO 18674-3:2017; EN ISO 18674-3:2017

EVS-EN ISO 19085-3:2017

Puidutöötlemismasinad. Ohutus. Osa 3: Arvjuhtimisega puurid ja profiilfreesid
Woodworking machines - Safety requirements - Part 3: Numerically controlled (NC) boring and routing machines (ISO 19085-3:2017)

This international standard deals with all significant hazards, hazardous situations and events, listed in Clause 4, relevant to NC boring machines, NC routing machines and NC combined boring/routing machines (as defined in 3.2.1), herein after referred to as "machines", designed to cut solid wood and material with similar physical characteristics to wood, when they are 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 have been taken into account.

Keel: en
Alusdokumendid: ISO 19085-3:2017; EN ISO 19085-3:2017

EVS-EN ISO 19340:2017

Water quality - Determination of dissolved perchlorate - Method using ion chromatography (IC) (ISO 19340:2017)

ISO 19340:2017 specifies a method for the determination of dissolved perchlorate in water (e.g. drinking water, mineral water, raw water, surface water, partially treated water or swimming pool water, waste water from drinking/swimming pool water treatment plants). Appropriate pre-treatment of the sample (e.g. matrix elimination) allows a direct determination of perchlorate ≥ 1 µg/l. The working range is restricted by the ion-exchange capacity of the separator column. Dilution of the sample to the working range can be necessary.

Keel: en
Alusdokumendid: ISO 19340:2017; EN ISO 19340:2017

EVS-HD 60364-5-52:2011/A11:2017

Madalpingelised elektripaigaldised. Osa 5-52: Elektriseadmete valik ja paigaldamine. Juhistikud
Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems

Standardi HD 60364-5-52:2011 muudatus

Keel: en, et
Alusdokumendid: HD 60364-5-52:2011/A11:2017
Muudab dokumenti: EVS-HD 60364-5-52:2011

EVS-HD 60364-5-52:2011+A11:2017

Madalpingelised elektripaigaldised. Osa 5-52: Elektriseadmete valik ja paigaldamine. Juhistikud
Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems (IEC 60364-5-52:2009, modified)

IEC 60364 osa 5-52 käsitleb juhistike valikut ja paigaldamist. MÄRKUS 1 See standard käib ka kaitsejuhtide kohta; lisanõuded kaitsejuhtidele on esitatud standardis IEC 60364-5-54. MÄRKUS 2 Juhised IEC 60364 osa 5-52 kohta on esitatud standardis IEC 61200-52. EE MÄRKUS Juhis IEC/TS 61200-52 (Ed. 1.0, 5. märts 1993) „Electrical installation guide – Part 52: Selection and erection of electrical equipment – Wiring systems“ käsitleb juhistike valiku ja paigaldamise üldpõhimõtteid. Samuti on valminud selle juhise teise väljaande (Ed. 2.0) eelnõu.

Keel: en, et
Alusdokumendid: HD 60364-5-52:2011; IEC 60364-5-52:2009; IEC 60364-5-52/Cor 1:2011; HD 60364-5-52:2011/A11:2017
Konsolideerib dokumenti: EVS-HD 60364-5-52:2011
Konsolideerib dokumenti: EVS-HD 60364-5-52:2011/A11:2017

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 12102-1:2017

Elektrikompressoritega õhu konditsioneerid, vedelikjahutusseadmed, soojuspumbad ja õhukuivatid. Helivõimsuse taseme määramine. Osa 1: Õhu konditsioneerid, vedelikjahutusseadmed, soojuspumbad ruumide kütteks ja jahutuseks, õhukuivatid ja protsessijahutid
Air conditioners, liquid chilling packages, heat pumps, process chillers and dehumidifiers with electrically driven compressors - Determination of the sound power level - Part 1: Air conditioners, liquid chilling packages, heat pumps for space heating and cooling, dehumidifiers and process chillers

This European Standard establishes requirements for determining, in accordance with a standardized procedure, the sound power level emitted into the surrounding air by air conditioners, heat pumps, liquid chilling packages with electrically driven compressors

when used for space heating and/or cooling, and/or for process, as described in the EN 14511 series and dehumidifiers as described in EN 810. This European Standard also covers the measurement of the sound power level of evaporatively cooled condenser air conditioners, as defined in EN 15218. However, the measurement will be done without external water feeding and these units will thus be considered as the other air conditioners covered by the EN 14511 series. It is emphasized that this measurement standard only refers to airborne noise.

Keel: en
Alusdokumendid: EN 12102-1:2017
Asendab dokumenti: EVS-EN 12102:2013

EVS-EN 61391-1:2006/A1:2017

Ultrasonics - Pulse-echo scanners - Part 1: Techniques for calibrating spatial measurement systems and measurement of system point-spread function response

Amendment for EN 61391-1:2006

Keel: en
Alusdokumendid: IEC 61391-1:2006/A1:2017; EN 61391-1:2006/A1:2017
Muudab dokumenti: EVS-EN 61391-1:2006

EVS-EN 62056-6-1:2017

Electricity metering data exchange - The DLMS/COSEM suite - Part 6-1: Object Identification System (OBIS)

IEC 62056-6-1:2017 specifies the overall structure of the OBject Identification System (OBIS) and the mapping of all commonly used data items in metering equipment to their identification codes. This third edition cancels and replaces the second edition of IEC 62056-6-1, published in 2015. It constitutes a technical revision. The main technical changes with respect to the previous edition are listed in Annex B (informative).

Keel: en
Alusdokumendid: IEC 62056-6-1:2017; EN 62056-6-1:2017
Asendab dokumenti: EVS-EN 62056-6-1:2016

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

IEC 62232:2017(E) provides methods for the determination of radio-frequency (RF) field strength and specific absorption rate (SAR) in the vicinity of radiocommunication base stations (RBS) for the purpose of evaluating human exposure. This document: - considers intentionally radiating RBS which transmit on one or more antennas using one or more frequencies in the range 110 MHz to 100 GHz; - considers the impact of ambient sources on RF exposure at least in the 100 kHz to 300 GHz frequency range; - specifies the methods to be used for RF exposure evaluation for compliance assessment applications, namely: - product compliance - determination of compliance boundary information for an RBS product before it is placed on the market; - product installation compliance - determination of the total RF exposure levels in accessible areas from an RBS product and other relevant sources before the product is put into service; - in-situ RF exposure assessment – measurement of in-situ RF exposure levels in the vicinity of an RBS installation after the product has been taken into operation; - describes several RF field strength and SAR measurement and computation methodologies with guidance on their applicability to address both the in-situ evaluation of installed RBS and laboratory-based evaluations; - describes how surveyors, with a sufficient level of expertise, establish their specific evaluation procedures appropriate for their evaluation purpose; - provides guidance on how to report, interpret and compare results from different evaluation methodologies and, where the evaluation purpose requires it, determine a justified decision against a limit value and - provides short descriptions of the informative example case studies given in the companion Technical Report IEC TR 62669 [1] This second edition cancels and replaces the first edition published in 2011 and constitutes a technical revision.

Keel: en
Alusdokumendid: IEC 62232:2017; EN 62232:2017
Asendab dokumenti: EVS-EN 50383:2010
Asendab dokumenti: EVS-EN 50383:2010/AC:2013
Asendab dokumenti: EVS-EN 50400:2006
Asendab dokumenti: EVS-EN 50400:2006/A1:2012
Asendab dokumenti: EVS-EN 50400:2006/AC:2011
Asendab dokumenti: EVS-EN 50492:2008
Asendab dokumenti: EVS-EN 50492:2008/A1:2014

EVS-EN ISO 6416:2017

Hydrometry - Measurement of discharge by the ultrasonic transit time (time of flight) method (ISO 6416:2017)

ISO 6416 describes the establishment and operation of an ultrasonic (transit-time) gauging station for the continuous measurement of discharge in a river, an open channel or a closed conduit. It also describes the basic principles on which the method is based, the operation and performance of associated instrumentation and procedures for commissioning. It is limited to the "transit time of ultrasonic pulses" technique, and is not applicable to systems that make use of the "Doppler shift" or "correlation" or "level-to-flow" techniques. ISO 6416 is not applicable to measurement in rivers with ice. NOTE ISO 6416 focuses on open channel flow measurement. IEC 60041 covers the use of the technique for full pipe flow measurement.

Keel: en

Alusdokumendid: ISO 6416:2017; EN ISO 6416:2017
Asendab dokumenti: EVS-EN ISO 6416:2005

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN ISO 11295:2017

Classification and information on design and applications of plastics piping systems used for renovation and replacement (ISO 11295:2017)

ISO 11295:2017 defines and describes families of techniques for the renovation and trenchless replacement (on or off the line of an existing pipeline) of non-pressure and pressure pipelines through the use of plastics pipes, including plastics composites formed in situ into pipes, fittings and ancillary components. It does not include new construction provided as network extension. For each technique family, it identifies areas of application including, but not limited to, underground drainage and sewerage, and underground water and gas supply networks. ISO 11295:2017 provides information on the principles of, but not the detailed methodologies for, the design of plastics piping systems used for renovation or trenchless replacement of existing pipelines, covering: - existing pipeline and site conditions; - functions of the new pipeline; - structural performance; - hydraulic performance; - installation aspects and site impact; - other factors affecting renovation or trenchless replacement technique selection. Necessary work on the existing pipeline prior to renovation and/or trenchless replacement is outside the scope of ISO 11295:2017. ISO 11295:2017 provides information needed to determine viable options and for identification of the optimal technique with regard to a given set of rehabilitation objectives. NOTE It is the responsibility of the designer to choose and design the renovation or trenchless replacement system. It does not specify the calculation methods to determine, for each viable technique, the required amount of lining or replacement pipe material needed to secure the desired performance of the rehabilitated pipeline.

Keel: en
Alusdokumendid: ISO 11295:2017; EN ISO 11295:2017
Asendab dokumenti: EVS-EN ISO 11295:2010

EVS-EN ISO 11363-2:2017

Gas cylinders - 17E and 25E taper threads for connection of valves to gas cylinders - Part 2: Inspection gauges (ISO 11363-2:2017)

ISO 11363-2:2017 specifies types, dimensions and principles of use of gauges, to be used in conjunction with the taper threads specified in ISO 11363-1 (i.e. 17E and 25E threads). It provides examples of calculations for thread gauge dimensions on the large end diameter (Annex A) and draws attention to the limitations of the gauging system specified (Annex B).

Keel: en
Alusdokumendid: ISO 11363-2:2017; EN ISO 11363-2:2017
Asendab dokumenti: EVS-EN ISO 11363-2:2010

25 TOOTMISTEHNOLOOGIA

EVS-EN 61784-3-13:2017

Industrial communication networks - Profiles - Part 3-13: Functional safety fieldbuses - Additional specifications for CPF 13

IEC 61784-3-13:2016 specifies a safety communication layer (services and protocol) based on CPF 13 of IEC 61784-2 and IEC 61158 Type 13. It identifies the principles for functional safety communications defined in IEC 61784-3 that are relevant for this safety communication layer. This safety communication layer is intended for implementation in safety devices only. This second edition cancels and replaces the first edition published in 2010. This edition constitutes a technical revision. The main changes with respect to the previous edition are listed below: - change of trade name to openSAFETY; - addition of Slim Safety PDU; - addition of SOD CRC; - addition of SSDO block transfer services; - addition of connection valid bit to SPDO; - addition of number of retries for reset guarding; - addition of user parameters that are writeable at any time; - corrections and editorial improvements.

Keel: en
Alusdokumendid: IEC 61784-3-13:2016; EN 61784-3-13:2017
Asendab dokumenti: EVS-EN 61784-3-13:2011

EVS-EN 61784-3-17:2017

Industrial communication networks - Profiles - Part 3-17: Functional safety fieldbuses - Additional specifications for CPF 17

IEC 61784-3-17:2016 specifies a safety communication layer (services and protocol) based on CPF 17 of IEC 61784-2 (CP 17/1) and IEC 61158 Type 21. It identifies the principles for functional safety communications defined in IEC 61784-3 that are relevant for this safety communication layer. This safety communication layer is intended for implementation in safety devices only.

Keel: en
Alusdokumendid: IEC 61784-3-17:2016; EN 61784-3-17:2017

EVS-EN 61784-3-8:2017

Industrial communication networks - Profiles - Part 3-8: Functional safety fieldbuses - Additional specifications for CPF 8

IEC 61784-3-8:2016 specifies a safety communication layer (services and protocol) based on CPF 8 of IEC 61784-1, IEC 61784-2 and IEC 61158 Type 18 and Type 23. It identifies the principles for functional safety communications defined in IEC 61784-3

that are relevant for this safety communication layer. This safety communication layer is intended for implementation in safety devices only. This second edition cancels and replaces the first edition published in 2010. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - Added FSCP 8/2; - Added FSCP 8/2 Clause 12; - Added content for FSCP 8/2 to Clauses 1 to 3 (scope, references, terms); - Moved previous FSCP 8/1 to Clause 11 (demoting all old heading levels by one); - Restructured old Clauses 4 to 10 to point to appropriate subclauses as appropriate.

Keel: en
Alusdokumendid: IEC 61784-3-8:2016; EN 61784-3-8:2017
Asendab dokumenti: EVS-EN 61784-3-8:2011

EVS-EN 62453-302:2017

Field device tool (FDT) interface specification - Part 302: Communication profile integration - IEC 61784 CPF 2

IEC 62453-302:2016 provides information for integrating the CIP technology into the FDT interface specification (IEC 62453-2). It specifies communication and other services. This second edition cancels and replaces the first edition published in 2009. This edition constitutes a technical revision. The main changes are provided in order to provide improved support for Ethernet IP (see Clauses 9, 10, and 12), additional implementation hints (see Annex A) and to support introduction of the technology according to IEC TR 62453-42. This publication is to be read in conjunction with IEC 62453-2:2009.

Keel: en
Alusdokumendid: IEC 62453-302:2016; EN 62453-302:2017
Asendab dokumenti: EVS-EN 62453-302:2009

EVS-EN 62453-309:2017

Field device tool (FDT) interface specification - Part 309: Communication profile integration - IEC 61784 CPF 9

IEC 62453-309:2016 provides information for integrating the HART® technology into the FDT standard (IEC 62453-2). It specifies communication and other services. This second edition cancels and replaces the first edition published in 2009, and constitutes a technical revision. The main changes are provided in order to provide improved support for updates of the HART protocol (see 6.7 and the updated datatypes in Clauses 9, 10, and 12) and to support introduction of the technology according to IEC 62453-42. This publication is to be read in conjunction with IEC 62453-2:2009

Keel: en
Alusdokumendid: EN 62453-309:2017; IEC 62453-309:2016
Asendab dokumenti: EVS-EN 62453-309:2009

EVS-EN 62841-3-1:2014/A11:2017

Käeshoitavad mootorajamiga elektritööriistad, veetavad tööriistad, muru- ja aiatöömasinad. Ohutus. Osa 3-1: Erinõuded ketassaepinkidele
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-1: Particular requirements for transportable table saws (IEC 62841-3-1:2014, modified)

Amendment for EN 62841-3-1:2014

Keel: en
Alusdokumendid: EN 62841-3-1:2014/A11:2017
Muudab dokumenti: EVS-EN 62841-3-1:2014

EVS-EN 62841-3-4:2016/A11:2017

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-4: Erinõuded teisaldatavatele lihvpinkidele
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-4: Particular requirements for transportable bench grinders

This standard applies to transportable bench grinders that can be equipped with one or two accessories as follows: - type 1 grinding wheels in accordance with ISO 603-4 with a diameter not exceeding 310 mm and a thickness not exceeding 55 mm; - wire brushes with a diameter not exceeding 310 mm and a thickness not exceeding 55 mm; - polishing wheels with a diameter not exceeding 310 mm; and with a peripheral speed of any accessory between 10 m/s and 50 m/s. NOTE Polishing wheels are also known as buffing wheels.

Keel: en
Alusdokumendid: EN 62841-3-4:2016/A11:2017
Muudab dokumenti: EVS-EN 62841-3-4:2016

EVS-EN 62841-3-6:2014/A11:2017

Käeshoitavad mootorajamiga elektritööriistad, veetavad tööriistad, muru- ja aiatöömasinad. Osa 3-6: Erinõuded vedeliksüsteemilistele teemantpuuridele

Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-6: Particular requirements for transportable diamond drills with liquid system

Muudatus standardile EN 62841-3-6:2014

Keel: en
Alusdokumendid: EN 62841-3-6:2014/A11:2017
Muudab dokumenti: EVS-EN 62841-3-6:2014

EVS-EN 62841-3-9:2015/A11:2017

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-9: Erinõuded veetavatele nurgasaagidele
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-9: Particular requirements for transportable mitre saws

This standard applies to transportable mitre saws intended to be used with a toothed saw blade for cutting wood and analogous materials, plastics and nonferrous metals except magnesium with a saw blade diameter not exceeding 360 mm, which hereinafter might simply be referred to as saw or tool. This standard applies to mitre saws having a mass of: - maximum 25 kg for tools capable of being lifted by hand by one person; - maximum 50 kg for tools capable of being lifted by hand by two persons.

Keel: en
Alusdokumendid: EN 62841-3-9:2015/A11:2017
Muudab dokumenti: EVS-EN 62841-3-9:2015

EVS-EN 62948:2017

Industrial networks - Wireless communication network and communication profiles - WIA-FA

This International Standard specifies the system architecture and communication protocol of WIA-FA (Wireless Networks for Industrial Automation − Factory Automation) based on IEEE STD 802.11-2012 physical layer (PHY). This document applies to wireless network systems for factory automation measuring, monitoring and control.

Keel: en
Alusdokumendid: IEC 62948:2017; EN 62948:2017

EVS-EN ISO 13916:2017

Keevitus. Juhised eelkuumutustemperatuuri, läbimitevahelise temperatuuri ja eelkuumutuse hoidmistemperatuuri mõõtmiseks
Welding - Measurement of preheating temperature, interpass temperature and preheat maintenance temperature (ISO 13916:2017)

Standard määratleb nõuded eelkuumutustemperatuuri, läbimitevahelise temperatuuri ja eelkuumutuse hoidmistemperatuuri mõõtmiseks sulakeevitusel. Seda standardit võib samuti kasutada sobiva näidisena teiste keevitusprotsesside korral. See dokument ei käsitle keevitusjärgse termotöötluse temperatuuri.

Keel: en, et
Alusdokumendid: ISO 13916:2017; EN ISO 13916:2017
Asendab dokumenti: EVS-EN ISO 13916:1999

EVS-EN ISO 17640:2017

Non-destructive testing of welds - Ultrasonic testing - Techniques, testing levels, and assessment (ISO 17640:2017)

ISO 17640:2017 specifies techniques for the manual ultrasonic testing of fusion-welded joints in metallic materials of thickness ≥8 mm which exhibit low ultrasonic attenuation (especially that due to scatter) at object temperatures from 0 °C to 60 °C. It is primarily intended for use on full penetration welded joints where both the welded and parent material are ferritic. Where material-dependent ultrasonic values are specified in ISO 17640:2017, they are based on steels having an ultrasonic sound velocity of (5 920 ± 50) m/s for longitudinal waves and (3 255 ± 30) m/s for transverse waves. ISO 17640:2017 specifies four testing levels, each corresponding to a different probability of detection of imperfections. Guidance on the selection of testing levels A, B, and C is given in Annex A. ISO 17640:2017 specifies that the requirements of testing level D, which is intended for special applications, be in accordance with general requirements. Testing level D can only be used when defined by specification. This includes tests of metals other than ferritic steel, tests on partial penetration welds, tests with automated equipment, and tests at object temperatures outside the range 0 °C to 60 °C. ISO 17640:2017 can be used for the assessment of discontinuities, for acceptance purposes, by either of the following techniques: a) evaluation based primarily on length and echo amplitude of the discontinuity; b) evaluation based on characterization and sizing of the discontinuity by probe movement techniques.

Keel: en
Alusdokumendid: ISO 17640:2017; EN ISO 17640:2017
Asendab dokumenti: EVS-EN ISO 17640:2011

EVS-EN ISO 17836:2017

Thermal spraying - Determination of the deposition efficiency for thermal spraying (ISO 17836:2017)

ISO 17836:2017 specifies a test procedure to determine the deposition efficiency for thermal spraying. It provides a reliable comparison method between different spray processes and different feed stock. It is applicable for all thermal spray processes (see ISO 14917) and all wire, rod, cord and powder spray materials. It is applicable when data concerning the deposition efficiency of a spray process in connection with a defined spray material are required.

Keel: en
Alusdokumendid: ISO 17836:2017; EN ISO 17836:2017
Asendab dokumenti: EVS-EN ISO 17836:2005

EVS-EN ISO 27830:2017

Metallic and other inorganic coatings - Requirements for the designation of metallic and inorganic coatings (ISO 27830:2017)

ISO 27830:2017 specifies the technical requirements of metallic and other inorganic coatings in order to develop consistent technical standards and establishes a standard format for designating the coatings. It applies to International Standards for electrodeposited, autocatalytic and vapour-deposited coatings. Detailed technical requirements for individual coatings are not given in this document, but can be found in the International Standards listed in the Bibliography. ISO 27830:2017 does not apply to thermally sprayed and porcelain enamel coatings.

Keel: en
Alusdokumendid: ISO 27830:2017; EN ISO 27830:2017
Asendab dokumenti: EVS-EN ISO 27830:2013

EVS-EN ISO 3210:2017

Anodizing of aluminium and its alloys - Assessment of quality of sealed anodic oxidation coatings by measurement of the loss of mass after immersion in acid solution(s) (ISO 3210:2017)

ISO 3210:2017 specifies methods of assessing the quality of sealed anodic oxidation coatings on aluminium and its alloys by measurement of the loss of mass after immersion in acid solution(s). It consists of the following two methods: Method 1: Assessment of quality of sealed anodic oxidation coatings by measurement of the loss of mass after immersion in a phosphoric acid based solution without prior acid treatment. Method 2: Assessment of quality of sealed anodic oxidation coatings by measurement of the loss of mass after immersion in a phosphoric acid based solution with prior acid treatment. Method 1 is applicable to anodic oxidation coatings intended for decorative or protective purposes or where resistance to staining is important. Method 2 is applicable to anodic oxidation coatings intended for outdoor architectural purposes. For less severe applications, Method 1 can be more suitable. The methods are not applicable to the following: - hard-type anodic oxidation coatings which normally are not sealed; - anodic oxidation coatings that have been sealed only in dichromate solutions; - anodic oxidation coatings produced in chromic acid solutions; - anodic oxidation coatings that have undergone treatment to render them hydrophobic. NOTE 1 The methods assess the quality of hydrothermal sealing applied to anodized aluminium. They can be appropriate for other sealing methods. NOTE 2 The methods are destructive and can serve as reference methods in case of doubt or dispute regarding the results of the test for loss of absorptive power (see ISO 2143) or the measurement of admittance (see ISO 2931).

Keel: en
Alusdokumendid: ISO 3210:2017; EN ISO 3210:2017
Asendab dokumenti: EVS-EN ISO 3210:2010

EVS-EN ISO 5175-1:2017

Gas welding equipment - Safety devices - Part 1: Devices incorporating a flame (flashback) arrestor (ISO 5175-1:2017)

ISO 5175-1:2017 specifies the general requirements and tests for safety devices for fuel gases and oxygen or compressed air incorporating a flame (flashback) arrestor used downstream of manifold, cylinder and/or pipeline outlet regulators, and upstream of blowpipes for welding, cutting and allied processes. ISO 5175-1:2017 does not specify the location of these devices in the gas system. ISO 5175-1:2017 is not applicable to safety devices not incorporating a flame arrestor, covered by ISO 5175- 2. ISO 5175-1:2017 does not apply to the use of safety devices incorporating flame arrestors for applications with premixed oxy/fuel or air/fuel gas supply systems, e.g. downstream of gas mixers or a generator to produce hydrogen/oxygen mixture by electrolytic decomposition of water.

Keel: en
Alusdokumendid: ISO 5175-1:2017; EN ISO 5175-1:2017
Asendab dokumenti: EVS-EN 730-1:2002

EVS-EN ISO 5175-2:2017

Gas welding equipment - Safety devices - Part 2: Not incorporating a flame (flashback) arrestor (ISO 5175-2:2017)

ISO 5175-2:2017 specifies the general requirements and tests for safety devices for fuel gases and oxygen or compressed air which do not incorporate a flame (flashback) arrestor used downstream of manifold, cylinder and/or pipeline outlet regulators, and upstream of blowpipes for welding, cutting and allied processes. ISO 5175-2:2017 does not specify the location of these devices in the gas system. ISO 5175-2:2017 in not applicable to safety devices which incorporate a flame arrestor, covered by ISO 5175- 1.

Keel: en
Alusdokumendid: ISO 5175-2:2017; EN ISO 5175-2:2017
Asendab dokumenti: EVS-EN 730-2:2002

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12102-1:2017

Elektrikompressoritega õhu konditsioneerid, vedelikjahutusseadmed, soojuspumbad ja õhukuivatid. Helivõimsuse taseme määramine. Osa 1: Õhu konditsioneerid, vedelikjahutusseadmed, soojuspumbad ruumide kütteks ja jahutuseks, õhukuivatid ja protsessijahutid
Air conditioners, liquid chilling packages, heat pumps, process chillers and dehumidifiers with electrically driven compressors - Determination of the sound power level - Part 1: Air conditioners, liquid chilling packages, heat pumps for space heating and cooling, dehumidifiers and process chillers

This European Standard establishes requirements for determining, in accordance with a standardized procedure, the sound power level emitted into the surrounding air by air conditioners, heat pumps, liquid chilling packages with electrically driven compressors when used for space heating and/or cooling, and/or for process, as described in the EN 14511 series and dehumidifiers as described in EN 810. This European Standard also covers the measurement of the sound power level of evaporatively cooled condenser air conditioners, as defined in EN 15218. However, the measurement will be done without external water feeding and these units will thus be considered as the other air conditioners covered by the EN 14511 series. It is emphasized that this measurement standard only refers to airborne noise.

Keel: en
Alusdokumendid: EN 12102-1:2017
Asendab dokumenti: EVS-EN 12102:2013

EVS-EN 61400-25-1:2017

Wind energy generation systems - Part 25-1: Communications for monitoring and control of wind power plants - Overall description of principles and models

IEC 61400-25-1:2017 gives an overall description of the principles and models used in the IEC 61400-25 series, which is designed for a communication environment supported by a client-server model. Three areas are defined, that are modelled separately to ensure the scalability of implementations: wind power plant information models, information exchange model, and mapping of these two models to a standard communication profile. This new edition includes the following significant technical changes with respect to the previous edition: general harmonization of text and overview models with the other parts of the IEC 61400-25 series, harmonization of definitions in other related standards.

Keel: en
Alusdokumendid: IEC 61400-25-1:2017; EN 61400-25-1:2017
Asendab dokumenti: EVS-EN 61400-25-1:2007

29 ELEKTROTEHNIKA

EVS-EN 60079-18:2015/A1:2017

Plahvatusohtlikud keskkonnad. Osa 18: Seadmete kaitse kapseldusega ”m"
Explosive atmospheres - Part 18: Equipment protection by encapsulation "m"

Muudatus standardile EN 60079-18:2015

Keel: en
Alusdokumendid: IEC 60079-18:2014/A1:2017; EN 60079-18:2015/A1:2017
Muudab dokumenti: EVS-EN 60079-18:2015

EVS-EN 60947-2:2017

Madalpingelised lülitusaparaadid. Osa 2: Kaitselülitid
Low-voltage switchgear and controlgear - Part 2: Circuit-breakers (IEC 60947-2:2016 + COR1:2016)

Standardisarja IEC 60947 see osa kehtib kaitselülitite kohta, mille peakontaktid on ette nähtud ühendamiseks ahelatesse tunnus-vahelduvpingega mitte üle 1000 V või tunnus-alalispingega mitte üle 1500 V; see sisaldab ka lisanõudeid sulavkaitsmeid sisaldavatele kaitselülititele. Vastavalt sellele standardile võib katsetada ka kaitselüliteid, mille tunnus-vahelduvpinge on üle 1000 V, kuid mitte üle 1500 V. Standard kehtib sõltumata kaitselülitite tunnusvoolust, valmistusviisist ja ettenähtavatest rakendustest. Nõuded kaitselülititele, mis on ette nähtud tagama ka rikkevoolukaitset, on esitatud lisas B. Lisanõuded elektroonilise liigvoolukaitsega kaitselülititele on esitatud lisas F. Lisanõuded IT-süsteemides kasutatavatele kaitselülititele on esitatud lisas H. Kaitselülitite elektromagnetilise ühilduvuse nõuded ja katsetusmeetodid on esitatud lisas J. Nõuded kaitselülititele, mis ei täida liigvoolukaitse nõudeid, on esitatud lisas L. Nõuded rikkevoolumoodulitele (milles pole sisseehitatud voolukatkestusseadist) on esitatud lisas M. Kaitselülitite lisaseadiste elektromagnetilise ühilduvuse nõuded ja katsetusmeetodid on esitatud lisas N. Fotoelektrilistes rakendustes kasutatavatele alalisvoolu-kaitselülititele esitatavad nõuded ja katsetusmeetodid on esitatud lisas P. Rikkevoolukaitset koos automaatse taaslülitusfunktsiooniga sisaldavatele kaitselülititele esitatavad nõuded ja katsetusmeetodid on esitatud lisas R. Lisanõuded kaitselülititele, mida kasutatakse otsekäivititena, on esitatud standardis IEC 60947-4-1, mis on rakendatav madalpingelistele kontaktoritele ja käivititele. Nõuded kaitselülititele, mida kasutatakse juhistikpaigaldiste kaitseks ehitistes ja muudes taolistes rakendustes ja mida on ette nähtud käitama instrueerimata tavaisikud, on esitatud standardis IEC 60898. Nõuded seadmetele (nt elektrirakendustele) ette nähtud kaitselülititele on esitatud standardis IEC 60934. Teatud erirakendustes (nt transpordivahendites, valtspinkides, mereseadmetes) võivad osutuda vajalikuks eri- või lisanõuded. MÄRKUS Selles standardis käsitletavad kaitselülitid võivad olla varustatud automaatse lahutamise seadistega ka muudes ettemääratud

oludes kui liigvool või alapinge, nt võimsuse või voolu suuna muutumisel. See standard ei käsitle talitluse kontrolli nendes ettemääratud oludes. Selle standardi eesmärk on sätestada a) kaitselülitite tunnussuurused; b) olud, millele kaitselülitid peavad vastama, arvestades 1) talitlust ja käitumist normaalkäidul; 2) talitlust ja käitumist liigkoormusel ja lühisel, sealhulgas talitluse koordinatsiooni (selektiivsust ja reservkaitset); 3) dielektrilisi omadusi; c) katsetused, mis on ette nähtud nende tingimuste täitmise kontrolliks, ja rakendatavad katsetusmeetodid; d) aparaatidele märgitav või nendega kaasa antav informatsioon.

Keel: en, et
Alusdokumendid: IEC 60947-2:2016; IEC 60947-2:2016/COR1:2016; EN 60947-2:2017
Asendab dokumenti: EVS-EN 60947-2:2006
Asendab dokumenti: EVS-EN 60947-2:2006/A1:2009
Asendab dokumenti: EVS-EN 60947-2:2006/A2:2013
Asendab dokumenti: EVS-EN 60947-2:2006+A1:2009
Asendab dokumenti: EVS-EN 60947-2:2006+A1:2009+A2:2013

EVS-EN 62271-1:2017

Kõrgepingeline lülitus- ja juhtimisaparatuur. Osa 1: Vahelduvvoolu lülitus- ja juhtimisaparatuuri üldliigitus
High-voltage switchgear and controlgear - Part 1: Common specifications for alternating current switchgear and controlgear

See standardi IEC 62271 osa rakendub vahelduvvoolu kõrgepingelisele lülitus- ja juhtimisaparatuurile kasutamisel sise- ja välispaigaldistes talitlussagedustel kuni 60 Hz (kaasa arvatud) elektrivõrkudes pingega üle 1000 V. See dokument rakendub igale kõrgepingelisele lülitus- ja juhtimisaparatuurile, kui vastavas IEC standardis ei ole konkreetset tüüpi kõrgepingelisele lülitus- ja juhtimisaparatuurile määratletud teisiti. MÄRKUS Selles dokumendis kasutamiseks määratletakse kõrgepingena nimipinget üle 1000 V. Kuid seejuures on üle 1 kV pingega ja tavaliselt kuni pingeni 52 kV (kaasa arvatud) jaotusvõrkudes üldiselt kasutusel termin keskpinge.

Keel: en, et
Alusdokumendid: IEC 62271-1:2017; EN 62271-1:2017
Asendab dokumenti: EVS-EN 62271-1:2009
Asendab dokumenti: EVS-EN 62271-1:2009/A1:2011
Asendab dokumenti: EVS-EN 62271-1:2009+A1:2011

EVS-EN 62561-4:2017

Lightning protection system components (LPSC) - Part 4: Requirements for conductor fasteners

IEC 62561-4:2017 deals with the requirements and tests for metallic and non-metallic conductor fasteners that are used to retain and support the air-termination, down-conductor and earth-termination systems. This document does not cover the fixing of conductor fasteners to the fabric of structures due to the vast number and types used in modern day construction. LPSC can also be suitable for use in hazardous atmospheres. There are therefore additional requirements when installing the components in such conditions. This second edition cancels and replaces the first edition, published in 2010. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - new detailed flow chart of the tests; - in Annexes A and B, composite fasteners have been added.

Keel: en
Alusdokumendid: IEC 62561-4:2017; EN 62561-4:2017
Asendab dokumenti: EVS-EN 62561-4:2011

EVS-EN 62561-5:2017

Lightning protection system components (LPSC) - Part 5: Requirements for earth electrode inspection housings and earth electrode seals

IEC 62561-5:2017 specifies the requirements and tests for earth electrode inspection housings (earth housing) installed in the earth and for earth electrode seals. Lightning protection system components (LPSC) can also be suitable for use in hazardous atmospheres. There are therefore additional requirements when installing the components under such conditions. This second edition cancels and replaces the first edition, published in 2011. This edition constitutes a technical revision. This edition includes the following major technical changes with respect to the previous edition. - Testing requirements have been added for the sealing of earth electrode installed in or through watertight concrete.

Keel: en
Alusdokumendid: IEC 62561-5:2017; EN 62561-5:2017
Asendab dokumenti: EVS-EN 62561-5:2011

EVS-EN 62606:2013/A1:2017

Põhinõuded elektrikaare avastamise seadistele
General requirements for arc fault detection devices

IEC 62606:2013 applies to arc fault detection devices (AFDD) for household and similar uses in a.c. circuits. An AFDD is designed by the manufacturer: - either as a single device having opening means able to open the protected circuit in specified conditions; or - as a single device integrating a protective device; or - as a separate unit, according to Annex D assembled on site with a declared protective device.

Keel: en
Alusdokumendid: IEC 62606:2013/A1:2017; EN 62606:2013/A1:2017
Muudab dokumenti: EVS-EN 62606:2013

EVS-IEC 60050-321:2017

Rahvusvaheline elektrotehnika sõnastik. Osa 321: Mõõtetrafod
International Electrotechnical Vocabulary. Chapter 321: Instrument transformers (IEC 60050-321:1986)

Selles rahvusvahelise elektrotehnika sõnastiku osas käsitletakse tavapäraseid mähistega mõõtetrafosid, mis on mõeldud kasutamiseks koos mõõteseadmetega või kaitseseadmetega.

Keel: et-en
Alusdokumendid: IEC 60050-321:1986

EVS-IEC 60050-436:2017

Rahvusvaheline elektrotehnika sõnastik. Osa 436: Jõukondensaatorid
International Electrotechnical Vocabulary. Chapter 436: Power capacitors (IEC 60050-436:1990)

Selles rahvusvahelise elektrotehnika sõnastiku osas käsitletakse jõukondensaatorite üldtermineid, funktsioone, tehnilisi vahendeid ja talitluskarakteristikuid.

Keel: et-en
Alusdokumendid: IEC 60050-436:1990

EVS-IEC 60050-448:2017

Rahvusvaheline elektrotehnika sõnastik. Osa 448: Elektrisüsteemi kaitse
International Electrotechnical Vocabulary - Chapter 448: Power system protection (IEC 60050-448:1995)

Selles rahvusvahelise elektrotehnika sõnastiku osas käsitletakse elektrisüsteemi kaitse üldtermineid ning kaitsesüsteemi, rikete ja automaatsete juhtimisseadmetega seotud termineid.

Keel: et-en
Alusdokumendid: IEC 60050-448:1995

31 ELEKTROONIKA

EVS-EN 60747-16-3:2003/A2:2017

Semiconductor devices - Part 16-3: Microwave integrated circuits - Frequency converters

Amendment for EN 60747-16-3:2002

Keel: en
Alusdokumendid: IEC 60747-16-3:2002/A2:2017; EN 60747-16-3:2002/A2:2017
Muudab dokumenti: EVS-EN 60747-16-3:2003

EVS-EN 61360-1:2017

Standard data element types with associated classification scheme - Part 1: Definitions - Principles and methods

IEC 61360-1:2017 specifies principles for the definition of the properties and associated attributes and explains the methods for representing verbally defined concepts with appropriate data constructs available from IEC 61360-2. It also specifies principles for establishing a hierarchy of classification from a collection of classes, each of which represents a technical concept in the electrotechnical domain or a domain related to electrotechnology. This fourth edition cancels and replaces the third edition published in 2009. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - support of advanced constructs such as conditions and constraints, blocks, cardinality, polymorphism, generic and restricted enumerations, and mapping; - extended list of data types; - harmonization with IEC 62656-1; - support of IEC TS 62720 and of coded units; - harmonization of semantic and administrative data among the various information objects; - use of UML for data modelling; - enhanced definitions and descriptions; - introduction of examples of higher level constructs such as block, cardinality, or polymorphism as guidance for the user of the IEC 61360 series.

Keel: en
Alusdokumendid: IEC 61360-1:2017; EN 61360-1:2017
Asendab dokumenti: EVS-EN 61360-1:2010

EVS-EN 62884-2:2017

Measurement techniques of piezoelectric, dielectric and electrostatic oscillators - Part 2: Phase jitter measurement method

IEC 62884-2:2017(E) specifies the methods for the measurement and evaluation of the phase jitter measurement of piezoelectric, dielectric and electrostatic oscillators, including dielectric resonator oscillators (DROs) and oscillators using a thin-film bulk acoustic resonator (FBAR) (hereinafter referred to as an "Oscillator") and gives guidance for phase jitter that allows the accurate measurement of RMS jitter. In the measurement method, phase noise measurement equipment or a phase noise measurement system is used. NOTE Dielectric resonator oscillators (DROs) and oscillators using FBAR are under consideration.

Keel: en
Alusdokumendid: IEC 62884-2:2017; EN 62884-2:2017

EVS-IEC 60050-436:2017

Rahvusvaheline elektrotehnika sõnastik. Osa 436: Jõukondensaatorid
International Electrotechnical Vocabulary. Chapter 436: Power capacitors (IEC 60050-436:1990)

Selles rahvusvahelise elektrotehnika sõnastiku osas käsitletakse jõukondensaatorite üldtermineid, funktsioone, tehnilisi vahendeid ja talitluskarakteristikuid.

Keel: et-en
Alusdokumendid: IEC 60050-436:1990

33 SIDETEHNIKA

EVS-EN 302 065-5 V1.1.1:2017

Lähitoimeseadmed (SRD), mis kasutavad ultralairiba (UWB) tehnoloogiat; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 5: UWB tehnoloogiat kasutavad seadmed lennuki pardal
Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 5: Devices using UWB technology onboard aircraft

The present document applies to transceivers, transmitters and receivers utilizing Ultra WideBand (UWB) technologies and used onboard aircraft, i.e. radio links for intra-aircraft communications purposes inside an aircraft. The present document applies to impulse, modified impulse and RF carrier based UWB communication technologies. The present document applies to UWB equipment with an output connection used with a dedicated antenna or UWB equipment with an integral antenna. Equipment covered by the present document operates in accordance with CEPT ECC/DEC(12)03 [i.2] "The harmonised conditions for UWB applications onboard aircraft". These radio equipment types are capable of operating in all or part of the frequency bands given in table 1. Table 1: Permitted ranges of operation in accordance with CEPT ECC/DEC(12)03 [i.2] Permitted range of operation (see note 1) Transmit 30 MHz to 10,6 GHz Receive 30 MHz to 10,6 GHz Intended ranges of operation (preferred range of operating bandwidth), see note 2 Transmit 6,0 GHz to 6,650 GHz Receive 6,0 GHz to 6,650 GHz Transmit 6,6752 GHz to 8,5 GHz Receive 6,6752 GHz to 8,5 GHz NOTE 1: Limits in table 2 clause 4.3.2 and table 3 clause 4.3.3 are to be met. NOTE 2: This is the preferred range for the operating bandwidth, as defined in clause 4.3.1.

Keel: en
Alusdokumendid: EN 302 065-5 V1.1.1

EVS-EN 303 402 V2.1.2:2017

Mereside liikuvad saatjad ja vastuvõtjad kasutamiseks MF ja HF raadiosagedusalades; Harmoneeritud standard direktiivi 2014/53/EL artiklite 3.2 ja 3.3(g) oluliste nõuete alusel
Maritime mobile transmitters and receivers for use in the MF and HF bands; Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU

The present document specifies technical characteristics and methods of measurements for radio transmitters and receivers, for use on vessels, operating in either the Medium Frequency (MF) only or in the Medium and High Frequency (MF/HF) bands allocated in the International Telecommunications Union (ITU) Radio Regulations [i.9], to the Maritime Mobile Service (MMS). The present document refers to equipment for one or more of the following: - Single SideBand (SSB) modulation for telephony transmission and reception (J3E); - Frequency Shift Keying (FSK) or SSB modulation of a keyed sub-carrier to transmit and receive Digital Selective Calling (DSC) signals. The present document also refers to radio equipment with either an integrated or external DSC controller. The requirements in the present document are applicable to receivers for operating on all frequencies in the bands 1 606,5 kHz to 4 000 kHz or 1 606,5 kHz to 27,5 MHz as allocated in the ITU Radio Regulations [i.9], to the MMS. Other spot frequency receivers should meet all the requirements of the present document and other relevant standards as applicable for the frequencies and modes provided. If the equipment, or parts of it, are designed in such a manner that they can be used for other categories of maritime radiocommunication (e.g. Morse telegraphy or NBDP - ETSI ETS 300 067 [i.4]), those parts of the equipment should fulfil the relevant requirements of the appropriate standards for the service(s) in question e.g. ETSI ETS 300 067 [i.4]. The present document covers the essential requirements of article 3.2 and article 3.3(g) of Directive 2014/53/EU [i.1] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 303 402 V2.1.2

EVS-EN 303 417 V1.1.1:2017

Juhtmeta energiaülekanne kasutades raadiosagedusalades 19 - 21 kHz, 59 - 61 kHz, 79 - 90 kHz, 100 - 300 kHz, 6765 - 6795 kHz muid tehnoloogiaid kui raadiosageduslikku kiirt; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Wireless power transmission systems, using technologies other than radio frequency beam in the 19 - 21 kHz, 59 - 61 kHz, 79 - 90 kHz, 100 - 300 kHz, 6 765 - 6 795 kHz ranges; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document specifies technical characteristics and methods of measurements for wireless power transmission (WPT) systems, using technologies other than radio frequency beam, in the 19 - 21 kHz, 59 - 61 kHz, 79 - 90 kHz, 100 - 300 kHz, 6 765 - 6 795 kHz ranges. The present document covers wireless power transmission systems which are regarded as radio equipment since including inherent radio communication functionality or radiodetermination via the WPT interface or port at the specific WPT frequency ranges. Such systems usually consist of: 1) A power transmitter, with additional communication capability to control the charge function, in conjunction with the receiving part. The power transmitter could also be named as base station. 2) A power

receiver, which supplies the received energy to a mobile device and performs a control/supervision function for the mobile device status and charge operation. Both parts in combination are able to transmit and receive data in addition to the power transmission mode e.g. to control the mobile device status and to optimize the power transmission mode. These radio equipment types are capable of operating in the permitted frequency bands below 30 MHz as specified in Table 1. The present document covers fixed systems, mobile and portable systems. NOTE 1: The frequency ranges listed in Table 1 are also used for generic inductive short range devices, according to ETSI EN 300 330 [1]. NOTE 2: The limits and the frequency ranges of the present document are EU wide harmonised according to EC Decision 2013/752/EU [i.2] and CEPT/ERC/REC 70-03 [i.1]. NOTE 3: In addition, it should be noted that other frequency bands may be available in a country within the frequency range below 30 MHz. The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.3] under the conditions identified in Annex A.

Keel: en
Alusdokumendid: EN 303 417 V1.1.1

EVS-EN 303 447 V1.1.1:2017

Lähitoimeseadmed (SRD); Induktiivsed silmussüsteemid robotitele raadiosagedusalas 0 kHz kuni 148,5 kHz; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Short Range Devices (SRD); Inductive loop systems for robotic mowers in the frequency range 0 Hz to 148,5 kHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document specifies technical characteristics and methods of measurements for Robotic Mowers with Inductive loop systems (RMI) below 148,5 kHz. These radio equipment types are capable of operating in all or part of the frequency bands given in table 1. Table 1: Permitted range of operation Permitted range of operation Transmit 0 Hz to 148,5 kHz Receive 0 Hz to 148,5 kHz NOTE: It should be noted that the frequency range between 9 kHz and 148,5 kHz is EU wide harmonised for inductive Short Range Devices according to EC Decision 2013/752/EU [i.2]. The present document does not cover other devices using the frequency range below 148,5 kHz, e.g. ETSI EN 303 348 [i.9] (Inductive loop for hearing impaired in 0 kHz to 20 kHz), ETSI EN 303 454 [i.10] (metal sensors). The present document covers the essential requirements of article 3.2 of Directive 2014/53/EU [i.3] under the conditions identified in annex A.

Keel: en
Alusdokumendid: EN 303 447 V1.1.1

EVS-EN 60153-4:2017

Hollow metallic waveguides - Part 4: Relevant specifications for circular waveguides

IEC 60153-4:2017 specifies straight hollow metallic tubing of circular waveguides for use as waveguides in electronic equipment. The aim of this recommendation is to specify for hollow metallic waveguides: a) the details necessary to ensure compatibility and, as far as essential, interchangeability; b) test methods; c) uniform requirements for the electrical and mechanical properties. This edition includes the following significant technical changes with respect to the previous edition: a) expand and revise the operation frequency range for waveguides; b) revise the allowance of aperture dimensions; c) revise the test method for aperture dimensions; d) revise the equation of attenuation.

Keel: en
Alusdokumendid: IEC 60153-4:2017; EN 60153-4:2017
Asendab dokumenti: EVS-HD 123.4 S1:2003

EVS-EN 60793-1-48:2017

Optical fibres - Part 1-48: Measurement methods and test procedures - Polarization mode dispersion

Applies to three methods of measuring polarization mode dispersion (PMD). Establishes uniform requirements for measuring the PMD of single-mode optical fibre, thereby assisting in the inspection of fibres and cables for commercial purposes. In this edition, reference to IEC 61282-9 has resulted in the removal of Annexes E, F, G and H as well as the creation of a new Annex E.

Keel: en
Alusdokumendid: IEC 60793-1-48:2017; EN 60793-1-48:2017
Asendab dokumenti: EVS-EN 60793-1-48:2008

EVS-EN 62802:2017

Measurement methods of a half-wavelength voltage and a chirp parameter for Mach-Zehnder optical modulators in high-frequency radio on fibre (RoF) Systems

IEC 62802:2017(E) specifies measurement methods of a half-wavelength voltage and a chirp parameter applicable to MZMs in microwave and millimeter-wave RoF systems. In addition, these methods are also effective for the estimation of the intermodulation distortions and transmission performances. The methods apply for the following: - frequency range: 5 GHz to 110 GHz; - wavelength band: 0,8 µm to 2,0 µm; - electro-optic material based MZMs and their modules.

Keel: en
Alusdokumendid: IEC 62802:2017; EN 62802:2017

35 INFOTEHNOLOOGIA

EVS-EN 61784-3-13:2017

Industrial communication networks - Profiles - Part 3-13: Functional safety fieldbuses - Additional specifications for CPF 13

IEC 61784-3-13:2016 specifies a safety communication layer (services and protocol) based on CPF 13 of IEC 61784-2 and IEC 61158 Type 13. It identifies the principles for functional safety communications defined in IEC 61784-3 that are relevant for this safety communication layer. This safety communication layer is intended for implementation in safety devices only. This second edition cancels and replaces the first edition published in 2010. This edition constitutes a technical revision. The main changes with respect to the previous edition are listed below: - change of trade name to openSAFETY; - addition of Slim Safety PDU; - addition of SOD CRC; - addition of SSDO block transfer services; - addition of connection valid bit to SPDO; - addition of number of retries for reset guarding; - addition of user parameters that are writeable at any time; - corrections and editorial improvements.

Keel: en
Alusdokumendid: IEC 61784-3-13:2016; EN 61784-3-13:2017
Asendab dokumenti: EVS-EN 61784-3-13:2011

EVS-EN 61784-3-17:2017

Industrial communication networks - Profiles - Part 3-17: Functional safety fieldbuses - Additional specifications for CPF 17

IEC 61784-3-17:2016 specifies a safety communication layer (services and protocol) based on CPF 17 of IEC 61784-2 (CP 17/1) and IEC 61158 Type 21. It identifies the principles for functional safety communications defined in IEC 61784-3 that are relevant for this safety communication layer. This safety communication layer is intended for implementation in safety devices only.

Keel: en
Alusdokumendid: IEC 61784-3-17:2016; EN 61784-3-17:2017

EVS-EN 61784-3-8:2017

Industrial communication networks - Profiles - Part 3-8: Functional safety fieldbuses - Additional specifications for CPF 8

IEC 61784-3-8:2016 specifies a safety communication layer (services and protocol) based on CPF 8 of IEC 61784-1, IEC 61784-2 and IEC 61158 Type 18 and Type 23. It identifies the principles for functional safety communications defined in IEC 61784-3 that are relevant for this safety communication layer. This safety communication layer is intended for implementation in safety devices only. This second edition cancels and replaces the first edition published in 2010. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - Added FSCP 8/2; - Added FSCP 8/2 Clause 12; - Added content for FSCP 8/2 to Clauses 1 to 3 (scope, references, terms); - Moved previous FSCP 8/1 to Clause 11 (demoting all old heading levels by one); - Restructured old Clauses 4 to 10 to point to appropriate subclauses as appropriate.

Keel: en
Alusdokumendid: IEC 61784-3-8:2016; EN 61784-3-8:2017
Asendab dokumenti: EVS-EN 61784-3-8:2011

EVS-EN 62056-6-1:2017

Electricity metering data exchange - The DLMS/COSEM suite - Part 6-1: Object Identification System (OBIS)

IEC 62056-6-1:2017 specifies the overall structure of the OBject Identification System (OBIS) and the mapping of all commonly used data items in metering equipment to their identification codes. This third edition cancels and replaces the second edition of IEC 62056-6-1, published in 2015. It constitutes a technical revision. The main technical changes with respect to the previous edition are listed in Annex B (informative).

Keel: en
Alusdokumendid: IEC 62056-6-1:2017; EN 62056-6-1:2017
Asendab dokumenti: EVS-EN 62056-6-1:2016

EVS-EN 62453-302:2017

Field device tool (FDT) interface specification - Part 302: Communication profile integration - IEC 61784 CPF 2

IEC 62453-302:2016 provides information for integrating the CIP technology into the FDT interface specification (IEC 62453-2). It specifies communication and other services. This second edition cancels and replaces the first edition published in 2009. This edition constitutes a technical revision. The main changes are provided in order to provide improved support for Ethernet IP (see Clauses 9, 10, and 12), additional implementation hints (see Annex A) and to support introduction of the technology according to IEC TR 62453-42. This publication is to be read in conjunction with IEC 62453-2:2009.

Keel: en
Alusdokumendid: IEC 62453-302:2016; EN 62453-302:2017
Asendab dokumenti: EVS-EN 62453-302:2009

EVS-EN 62453-309:2017

Field device tool (FDT) interface specification - Part 309: Communication profile integration - IEC 61784 CPF 9

IEC 62453-309:2016 provides information for integrating the HART® technology into the FDT standard (IEC 62453-2). It specifies communication and other services. This second edition cancels and replaces the first edition published in 2009, and constitutes a technical revision. The main changes are provided in order to provide improved support for updates of the HART protocol (see 6.7 and the updated datatypes in Clauses 9, 10, and 12) and to support introduction of the technology according to IEC 62453-42. This publication is to be read in conjunction with IEC 62453-2:2009

Keel: en
Alusdokumendid: EN 62453-309:2017; IEC 62453-309:2016
Asendab dokumenti: EVS-EN 62453-309:2009

EVS-EN 62948:2017

Industrial networks - Wireless communication network and communication profiles - WIA-FA

This International Standard specifies the system architecture and communication protocol of WIA-FA (Wireless Networks for Industrial Automation − Factory Automation) based on IEEE STD 802.11-2012 physical layer (PHY). This document applies to wireless network systems for factory automation measuring, monitoring and control.

Keel: en
Alusdokumendid: IEC 62948:2017; EN 62948:2017

EVS-EN ISO 11073-10101:2005/A1:2017

Health informatics - Point-of-care medical device communication - Part 10101: Nomenclature - Amendment 1: Additional definitions (ISO/IEEE 11073-10101:2004/Amd 1:2017)

Amendment for EN ISO 11073-10101:2005

Keel: en
Alusdokumendid: EN ISO 11073-10101:2005/A1:2017; ISO/IEEE 11073-10101:2004/Amd 1:2017
Muudab dokumenti: EVS-EN ISO 11073-10101:2005

EVS-EN ISO 11615:2017

Health informatics - Identification of medicinal products - Data elements and structures for the unique identification and exchange of regulated medicinal product information (ISO 11615:2017)

ISO 11615:2017 establishes definitions and concepts and describes data elements and their structural relationships, which are required for the unique identification and the detailed description of Medicinal Products. Taken together, the standards listed in the Introduction define, characterise and uniquely identify regulated Medicinal Products for human use during their entire life cycle, i.e. from development to authorisation, post-marketing and renewal or withdrawal from the market, where applicable. Furthermore, to support successful information exchange in relation to the unique identification and characterisation of Medicinal Products, the use of other normative IDMP messaging standards is included, which are to be applied in the context of ISO 11615:2017.

Keel: en
Alusdokumendid: ISO 11615:2017; EN ISO 11615:2017
Asendab dokumenti: EVS-EN ISO 11615:2012

EVS-EN ISO 11616:2017

Health informatics - Identification of medicinal products - Data elements and structures for the Unique Identification and Exchange of regulated Pharmaceutical Product Information (ISO 11616:2017)

ISO 11616:2017 is intended to provide specific levels of information relevant to the identification of a Medicinal Product or group of Medicinal Products. It defines the data elements, structures and relationships between data elements that are required for the exchange of regulated information, in order to uniquely identify pharmaceutical products. This identification is to be applied throughout the product lifecycle to support pharmacovigilance, regulatory and other activities worldwide. In addition, ISO 11616:2017 is essential to ensure that pharmaceutical product information is assembled in a structured format with transmission between a diverse set of stakeholders for both regulatory and clinical (e.g. e-prescribing, clinical decision support) purposes. This ensures interoperability and compatibility for both the sender and the recipient. ISO 11616:2017 is not intended to be a scientific classification for pharmaceutical products. Rather, it is a formal association of particular data elements categorised in prescribed combinations and uniquely identified when levelling degrees of information are incomplete. This allows for Medicinal Products to be unequivocally identified on a global level. References to other normative IDMP and messaging standards for pharmaceutical product information are included in Clause 2, to be applied in the context of ISO 11616:2017. Medicinal products for veterinary use are out of scope of ISO 11616:2017.

Keel: en
Alusdokumendid: ISO 11616:2017; EN ISO 11616:2017
Asendab dokumenti: EVS-EN ISO 11616:2012

EVS-EN ISO 16407-1:2017

Electronic fee collection - Evaluation of equipment for conformity to ISO 17575-1 - Part 1: Test suite structure and test purposes (ISO 16407-1:2017)

The ISO 16407 series of standards specifies a suite of tests in order to assess the Front End and Back End behaviour compliancy towards the requirements listed in ISO 17575-1. ISO 16407-1:2017 contains the definition of such tests in the form of test purposes, listing the required initial conditions, references and individual steps in a structured textual manner.

Keel: en
Alusdokumendid: ISO 16407-1:2017; EN ISO 16407-1:2017
Asendab dokumenti: CEN ISO/TS 16407-1:2011

EVS-EN ISO 25110:2017

Electronic fee collection - Interface definition for on-board account using integrated circuit card (ICC) (ISO 25110:2017)

ISO 25110:2017 defines the data transfer models between roadside equipment (RSE) and integrated circuit card (ICC) and the interface descriptions between the RSE and on-board equipment (OBE) for on-board accounts using the ICC. It also provides examples of interface definitions and transactions deployed in several countries.

Keel: en
Alusdokumendid: ISO 25110:2017; EN ISO 25110:2017
Asendab dokumenti: CEN ISO/TS 25110:2013

45 RAUDTEETEHNIKA

EVS-EN 14478:2017

Raudteealased rakendused. Pidurdamine. Üldsõnavara
Railway applications - Braking - Generic vocabulary

This European Standard provides terms and definitions for common use for brakes and braking in rolling stock.

Keel: en
Alusdokumendid: EN 14478:2017
Asendab dokumenti: EVS-EN 14478:2006

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN ISO 505:2017

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

ISO 505:2017 specifies a method of test for the measurement of the propagation resistance of an initial tear in textile conveyor belts, either in full thickness or of the carcass only. This test is intended for application to textile belts in installations where there is a risk of longitudinal tearing.

Keel: en
Alusdokumendid: ISO 505:2017; EN ISO 505:2017
Asendab dokumenti: EVS-EN ISO 505:2000

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 105-B03:2017

Textiles - Tests for colour fastness - Part B03: Colour fastness to weathering: Outdoor exposure (ISO 105-B03:2017)

ISO 105-B03:2017 specifies a method intended for determining the resistance of the colour of textiles of all kinds except loose fibres to the action of weather as determined by outdoor exposure. NOTE General information on colour fastness to light is given in Annex A.

Keel: en
Alusdokumendid: ISO 105-B03:2017; EN ISO 105-B03:2017
Asendab dokumenti: EVS-EN ISO 105-B03:2000

65 PÕLLUMAJANDUS

EVS-EN ISO 4254-7:2017

Põllumajandusmasinad. Ohutus. Osa 7: Teraviljakombainid, sööda- , puuvilla- ja suhkrurookoristid
Agricultural machinery - Safety - Part 7: Combine harvesters, forage harvesters, cotton harvesters and sugar cane harversters (ISO 4254-7:2017)

ISO 4254-7:2017, when used together with ISO 4254-1, specifies the safety requirements and their verification for the design and construction of combine harvesters, forage harvesters, cotton harvesters and sugar cane harvesters. It describes methods for the elimination or reduction of hazards arising from the intended use of these machines by one person (the operator) in the course of normal operation and service. In addition, it specifies the type of information on safe working practices to be provided by the manufacturer. When provisions of ISO 4254-7:2017 are different from those which are stated in ISO 4254-1, the provisions of ISO

4254-7:2017 take precedence over the provisions of ISO 4254-1 for machines that have been designed and built according to the provisions of ISO 4254-7:2017. ISO 4254-7:2017, taken together with ISO 4254-1, deals with all the significant hazards (as listed in Table A.1), hazardous situations and events relevant to combine harvesters, forage harvesters, cotton harvesters and sugar cane harvesters, when they are used as intended and under the conditions of misuse that are reasonably foreseeable by the manufacturer (see Annex A). It is not applicable to hazards arising from the presence of persons other than the operator, cleaning of the grain tank, and hazards related to vibrations and moving parts for power transmission, except for strength requirements for guards and barriers. In respect of braking and steering, it is applicable only to the ergonomic aspects (e.g. location of brake pedal and steering wheel); no other aspects related to braking and steering are covered. In the case of trailed harvesters, it is applicable only to hazards related to the working process. Design requirements for roll-over protective structures (if applicable) are not specified in ISO 4254-7:2017. Performance levels (or categories) for safety-related parts of control systems in accordance with ISO 25119 or ISO 13849 are not given in ISO 4254-7:2017. NOTE Specific requirements related to road traffic regulations are not taken into account in ISO 4254-7:2017. ISO 4254-7:2017 is not applicable to machines manufactured before the date of its publication.

Keel: en
Alusdokumendid: ISO 4254-7:2017; EN ISO 4254-7:2017
Asendab dokumenti: EVS-EN ISO 4254-7:2009
Asendab dokumenti: EVS-EN ISO 4254-7:2009/AC:2010

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 12014-2:2017

Foodstuffs - Determination of nitrate and/or nitrite content - Part 2: HPLC/IC method for the determination of nitrate content of vegetables and vegetable products

This European Standard specifies a high-performance liquid chromatographic (HPLC) and an ion chromatographic (IC) method for determination of the nitrate level in vegetables and vegetable products. This method is applicable for samples with a content of 25 mg/kg or greater. It has been validated on naturally contaminated and spiked samples as beetroot juice with nitrate mass fractions of 194 mg/kg and 691 mg/kg, pureed carrots with nitrate mass fractions of 26 mg/kg and 222 mg/kg and with iceberg lettuce with nitrate mass fractions of 623 mg/kg and 3 542 mg/kg.

Keel: en
Alusdokumendid: EN 12014-2:2017
Asendab dokumenti: EVS-EN 12014-2:2000

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
Muudab dokumenti: EVS-EN ISO 11746:2012

EVS-EN ISO 6571:2009/A1:2017

Spices, condiments and herbs - Determination of volatile oil content (hydrodistillation method) - Amendment 1 (ISO 6571:2008/Amd 1:2017)

Amendment for EN ISO 6571:2009

Keel: en
Alusdokumendid: ISO 6571:2008/Amd 1:2017; EN ISO 6571:2009/A1:2017
Muudab dokumenti: EVS-EN ISO 6571:2009

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 13398:2017

Bitumen and bituminous binders - Determination of the elastic recovery of modified bitumen

This European Standard specifies a method for the determination of the elastic recovery of bituminous binders in a ductilometer at the test temperature (typically 25°C or 10°C; other temperatures can be used). It is especially applicable to bituminous binders modified with thermoplastic elastomers, but can also be used with other bituminous binders which generate only small recovery. WARNING - The use of this European Standard may involve hazardous materials, operations and equipment. This European Standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this European Standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: EN 13398:2017
Asendab dokumenti: EVS-EN 13398:2010

EVS-EN 13399:2017

Bitumen and bituminous binders - Determination of storage stability of modified bitumen

This European Standard specifies a method for measuring the storage stability at high temperatures. NOTE Modified bitumen and, in particular, polymer-modified bitumen, which consist of mainly bitumen and at least one additional agent, are known to display phase separation under certain conditions. WARNING - The use of this European Standard can involve hazardous materials, operations and equipment. This European Standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this European Standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: EN 13399:2017
Asendab dokumenti: EVS-EN 13399:2010

EVS-EN ISO 4259-1:2017

Petroleum and related products - Precision of measurement methods and results - Part 1: Determination of precision data in relation to methods of test (ISO 4259-1:2017)

Rahvusvaheline standard hõlmab laboritevahelise uuringu (LVU) kavandamise metoodikat ja uuringus määratletud katsemeetodi täpsushinnangute arvutamist. Peaasjalikult sisaldab see oluliste statistiliste terminite määratlusi (jaotis 3), katsemeetodi täpsuse määramiseks läbiviidava LVU planeerimise protseduure (jaotis 4) ja uuringu tulemuste alusel katsemeetodi täpsuse arvutamise meetodit (jaotised 5 ja 6). Rahvusvahelise standardi protseduurid on mõeldud eriomaselt naftale ja naftaga seotud toodetele, mis on tavatingimustes homogeensed. Siiski võib selles rahvusvahelises standardis kirjeldatud protseduure samuti rakendada teistele homogeensetele toodetele. Vajalikud on põhjalikud uurimused enne selle rahvusvahelise standardi rakendamist toodetele, mille homogeensuse eelduses võib kahelda.

Keel: en
Alusdokumendid: ISO 4259-1:2017; EN ISO 4259-1:2017
Asendab dokumenti: EVS-EN ISO 4259:2006

EVS-EN ISO 4259-2:2017

Petroleum and related products - Precision of measurement methods and results - Part 2: Interpretation and application of precision data in relation to methods of test (ISO 4259-2:2017)

ISO 4259-2:2017 specifies the methodology for the application of precision estimates of a test method derived from ISO 4259‑1. In particular, it defines the procedures for setting the property specification limits based upon test method precision where the property is determined using a specific test method, and in determining the specification conformance status when there are conflicting results between supplier and receiver. Other applications of this test method precision are briefly described in principle without the associated procedures. The procedures in ISO 4259-2:2017 have been designed specifically for petroleum and petroleum-related products, which are normally homogeneous. However, the procedures described in ISO 4259-2:2017 can also be applied to other types of homogeneous products. Careful investigations are necessary before applying ISO 4259-2:2017 to products for which the assumption of homogeneity can be questioned.

Keel: en
Alusdokumendid: ISO 4259-2:2017; EN ISO 4259-2:2017
Asendab dokumenti: EVS-EN ISO 4259:2006

77 METALLURGIA

EVS-EN 10263-5:2017

Steel rod, bars and wire for cold heading and cold extrusion - Part 5: Technical delivery conditions for stainless steels

1.1 This European Standard is applicable to round rod, round bars and wire made of stainless steels intended for cold heading and cold extrusion having a diameter up to and including: - 25 mm for ferritic and austenitic-ferritic steels; - 50 mm for austenitic steels; - 100 mm for martensitic steels. 1.2 EN 10263 1 is indispensable for the application of this part of EN 10263.

Keel: en
Alusdokumendid: EN 10263-5:2017
Asendab dokumenti: EVS-EN 10263-5:2001

EVS-EN 12681-1:2017

Founding - Radiographic testing - Part 1: Film techniques

This European Standard gives specific procedures for industrial X-ray and gamma radiography for discontinuity detection purposes, using NDT (Non-destructive testing) film techniques. This part of EN 12681 specifies the requirements for film radiographic testing of castings. Films after exposure and processing become radiographs with different area of optical density. Radiographs are viewed and evaluated using industrial radiographic illuminators. This part of EN 12681 specifies the recommended procedure for the choice of operating conditions and radiographic practice. These procedures are applicable to castings produced by any casting process, especially for steel, cast iron, aluminium, cobalt, copper, magnesium, nickel, titanium, zinc and any alloys of them. NOTE This European Standard considers EN ISO 5579. This part of this European Standard does not apply to: - radiographic testing of castings for aerospace applications (see prEN 2002-21); - radiographic testing of welded joints (see EN ISO 17636-1); - radiography with digital detectors (see EN 12681-2); - radioscopic testing (see EN 13068, all parts).

Keel: en
Alusdokumendid: EN 12681-1:2017
Asendab dokumenti: EVS-EN 12681:2003

EVS-EN ISO 4492:2017

Metallic powders, excluding powders for hardmetals - Determination of dimensional changes associated with compacting and sintering (ISO 4492:2017)

ISO 4492 specifies a method by which the dimensional changes associated with compacting and sintering of metallic powders are compared with those of a reference powder when processed under similar conditions (see Clause 4). The method applies to the determination of three types of dimensional changes involved with the processing of metallic powders, excluding powders for hardmetals.

Keel: en
Alusdokumendid: ISO 4492:2017; EN ISO 4492:2017
Asendab dokumenti: EVS-EN ISO 4492:2013

EVS-EN ISO 5754:2017

Sintered metal materials, excluding hardmetals - Unnotched impact test piece (ISO 5754:2017)

ISO 5754 specifies the dimensions of an unnotched impact test piece of sintered metal materials. The test piece may be obtained directly by pressing and sintering or by machining a sintered part. ISO 5754 applies to all sintered metals and alloys, with the exception of hardmetals. However, for certain materials (for example, materials with low porosity or materials with high ductility), it may be more appropriate to use a notched test piece which, in this case, will give results with less scatter. (In this case, refer to ISO 148- 1.) NOTE For porous sintered materials, the results obtained from impact tests are not necessarily very accurate compared with results obtained from tests on solid metals.

Keel: en
Alusdokumendid: ISO 5754:2017; EN ISO 5754:2017
Asendab dokumenti: EVS-EN 25754:2000

79 PUIDUTEHNOLOOGIA

EVS-EN ISO 19085-3:2017

Puidutöötlemismasinad. Ohutus. Osa 3: Arvjuhtimisega puurid ja profiilfreesid
Woodworking machines - Safety requirements - Part 3: Numerically controlled (NC) boring and routing machines (ISO 19085-3:2017)

This international standard deals with all significant hazards, hazardous situations and events, listed in Clause 4, relevant to NC boring machines, NC routing machines and NC combined boring/routing machines (as defined in 3.2.1), herein after referred to as "machines", designed to cut solid wood and material with similar physical characteristics to wood, when they are 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 have been taken into account.

Keel: en
Alusdokumendid: ISO 19085-3:2017; EN ISO 19085-3:2017

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 10210:2017

Plastics - Methods for the preparation of samples for biodegradation testing of plastic materials (ISO 10210:2012)

ISO 10210:2012 describes methods for the preparation of test samples used in the determination of the ultimate aerobic and anaerobic biodegradability of plastic materials in an aqueous medium, soil, controlled compost or anaerobic digesting sludge. The methods described are designed to provide dimensional consistency of test samples, resulting in improved reproducibility of test results during the determination of the ultimate biodegradability of the product. These methods apply to the following materials: natural and/or synthetic polymers, copolymers or mixtures of these; plastic materials that contain additives, such as plasticizers or colorants; plastic composite materials that contain organic or inorganic fillers; products made from the above materials.

Keel: en
Alusdokumendid: ISO 10210:2012; EN ISO 10210:2017

EVS-EN ISO 10350-1:2017

Plastics - Acquisition and presentation of comparable single-point data - Part 1: Moulding materials (ISO 10350-1:2017)

The ISO 10350 series identifies specific test procedures for the acquisition and presentation of comparable data for certain basic properties of plastics. In general, each property is specified by a single experimental value, although in certain cases properties are represented by two values obtained under different test conditions. The properties included are those presented conventionally in manufacturers' data sheets. ISO 10350-1 applies predominantly to unreinforced and reinforced thermoplastic and thermosetting materials that may be injection- or compression-moulded or prepared as sheets of specified thickness. For the purposes of ISO 10350-1, long-fibre-reinforced plastics are considered to have fibre lengths greater than 7,5 mm prior to moulding. NOTE ISO 10350-2 deals specifically with long- or continuous-fibre-reinforced plastics.

Keel: en
Alusdokumendid: ISO 10350-1:2017; EN ISO 10350-1:2017
Asendab dokumenti: EVS-EN ISO 10350-1:2008
Asendab dokumenti: EVS-EN ISO 10350-1:2008/A1:2014

EVS-EN ISO 14853:2017

Plastics - Determination of the ultimate anaerobic biodegradation of plastic materials in an aqueous system - Method by measurement of biogas production (ISO 14853:2016)

ISO 14853:2016 specifies a method for the determination of the ultimate anaerobic biodegradability of plastics by anaerobic microorganisms. The conditions described in ISO 14853 do not necessarily correspond to the optimum conditions for the maximum degree of biodegradation to occur. The test calls for exposure of the test material to sludge for a period of up to 90 d, which is longer than the normal sludge retention time (25 to 30 d) in anaerobic digesters, although digesters at industrial sites can have much longer retention times. The method applies to the following materials: - natural and/or synthetic polymers, copolymers or mixtures thereof; - plastic materials which contain additives such as plasticizers, colorants or other compounds; - water-soluble polymers; - materials which, under the test conditions, do not inhibit the microorganisms present in the inoculum. Inhibitory effects can be determined using an inhibition control or by another appropriate method (see e.g. ISO 13641). If the test material is inhibitory to the inoculum, a lower test concentration, another inoculum or a pre-exposed inoculum can be used.

Keel: en
Alusdokumendid: ISO 14853:2016; EN ISO 14853:2017

EVS-EN ISO 15985:2017

Plastics - Determination of the ultimate anaerobic biodegradation under high-solids anaerobic-digestion conditions - Method by analysis of released biogas (ISO 15985:2014)

ISO 15985:2014 specifies a method for the evaluation of the ultimate anaerobic biodegradability of plastics based on organic compounds under high-solids anaerobic-digestion conditions by measurement of evolved biogas at the end of the test. This method is designed to simulate typical anaerobic digestion conditions for the organic fraction of mixed municipal solid waste. The test material is exposed in a laboratory test to a methanogenic inoculum derived from anaerobic digesters operating only on pretreated household waste. The anaerobic decomposition takes place under high-solids (more than 20 % total solids) and static non-mixed conditions. The test method is designed to yield the percentage of carbon in the test material and its rate of conversion to evolved carbon dioxide and methane (biogas).

Keel: en
Alusdokumendid: ISO 15985:2014; EN ISO 15985:2017

EVS-EN ISO 18830:2017

Plastics - Determination of aerobic biodegradation of non-floating plastic materials in a seawater/sandy sediment interface - Method by measuring the oxygen demand in closed respirometer (ISO 18830:2016)

ISO 18830:2016 specifies a test method to determine the degree and rate of aerobic biodegradation of plastic materials when settled on marine sandy sediment at the interface between seawater and the seafloor, by measuring the oxygen demand in a closed respirometer. Measurement of aerobic biodegradation can also be obtained by monitoring the carbon dioxide evolution. This is not in the scope of this International Standard but of ISO 19679. This test method is a simulation under laboratory conditions of the habitat found in different seawater/sediment-areas in the sea, e.g. in a benthic zone where sunlight reaches the ocean floor (photic zone) that, in marine science, is called sublittoral zone The determination of biodegradation of plastic materials buried in marine sediment is outside the scope of this International Standard. The conditions described in this International Standard may not always correspond to the optimum conditions for the maximum degree of biodegradation to occur.

Keel: en
Alusdokumendid: ISO 18830:2016; EN ISO 18830:2017

EVS-EN ISO 19679:2017

Plastics - Determination of aerobic biodegradation of non-floating plastic materials in a seawater/sediment interface - Method by analysis of evolved carbon dioxide (ISO 19679:2016)

ISO 19679:2016 specifies a test method to determine the degree and rate of aerobic biodegradation of plastic materials when settled on marine sandy sediment at the interface between seawater and the seafloor, by measuring the evolved carbon dioxide. This test method is a simulation under laboratory conditions of the habitat found in different seawater/sediment-areas in the sea, e.g. in a benthic zone where sunlight reaches the ocean floor (photic zone) that, in marine science, is called sublittoral zone The determination of biodegradation of plastic materials buried in marine sediment is outside the scope of ISO 19679:2016. Measurement of aerobic biodegradation can also be obtained by monitoring the oxygen consumption, as described in ISO 18830. The conditions described in ISO 19679:2016 may not always correspond to the optimum conditions for the maximum degree of biodegradation to occur.

Keel: en
Alusdokumendid: ISO 19679:2016; EN ISO 19679:2017

EVS-EN ISO 22007-1:2017

Plastics - Determination of thermal conductivity and thermal diffusivity - Part 1: General principles (ISO 22007-1:2017)

ISO 22007-1:2017 describes the background to methods for the determination of the thermal conductivity and thermal diffusivity of polymeric materials. Different techniques are available for these measurements and some may be better suited than others for a particular type, state and form of material. ISO 22007-1:2017 provides a broad overview of these techniques. Standards specific to these techniques, as referenced in this document, are used to carry out the actual test method.

Keel: en
Alusdokumendid: ISO 22007-1:2017; EN ISO 22007-1:2017

Asendab dokumenti: EVS-EN ISO 22007-1:2012

EVS-EN ISO 5359:2014/A1:2017

Anesteesia- ja hingamisaparatuur. Meditsiiniliste gaaside jaoks kasutatavad madalrõhu voolikukomplektid

Anaesthetic and respiratory equipment - Low-pressure hose assemblies for use with medical gases - Amendment 1 (ISO 5359:2014/Amd 1:2017)

Muudatus standardile EN ISO 5359:2014

Keel: en
Alusdokumendid: ISO 5359:2014/Amd 1:2017; EN ISO 5359:2014/A1:2017
Muudab dokumenti: EVS-EN ISO 5359:2014

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 19399:2017

Paints and varnishes - Wedge-cut method for determination of film thickness (scribe and drill method) (ISO 19399:2016)

ISO 19399:2016 specifies a destructive method for determination of the dry film thickness, in which damage to the coat caused in a definite manner is evaluated microscopically. The method is suitable for almost all coat-substrate combinations and also allows determination of the single film thicknesses of coating systems. The method cannot be applied or can only be applied with restrictions in case of - too soft and/or elastic coatings (no recognizable scribe or drill hole can be observed), - hard (cannot be scribed/drilled) or too soft and/or elastic substrates, - too low visual contrast between the coating and substrate, and - film thicknesses that are larger than the depth of field of the measuring microscope.

Keel: en
Alusdokumendid: ISO 19399:2016; EN ISO 19399:2017

91 EHITUSMATERJALID JA EHITUS

EVS-EN 12102-1:2017

Elektrikompressoritega õhu konditsioneerid, vedelikjahutusseadmed, soojuspumbad ja õhukuivatid. Helivõimsuse taseme määramine. Osa 1: Õhu konditsioneerid, vedelikjahutusseadmed, soojuspumbad ruumide kütteks ja jahutuseks, õhukuivatid ja protsessijahutid

Air conditioners, liquid chilling packages, heat pumps, process chillers and dehumidifiers with electrically driven compressors - Determination of the sound power level - Part 1: Air conditioners, liquid chilling packages, heat pumps for space heating and cooling, dehumidifiers and process chillers

This European Standard establishes requirements for determining, in accordance with a standardized procedure, the sound power level emitted into the surrounding air by air conditioners, heat pumps, liquid chilling packages with electrically driven compressors when used for space heating and/or cooling, and/or for process, as described in the EN 14511 series and dehumidifiers as described in EN 810. This European Standard also covers the measurement of the sound power level of evaporatively cooled condenser air conditioners, as defined in EN 15218. However, the measurement will be done without external water feeding and these units will thus be considered as the other air conditioners covered by the EN 14511 series. It is emphasized that this measurement standard only refers to airborne noise.

Keel: en
Alusdokumendid: EN 12102-1:2017
Asendab dokumenti: EVS-EN 12102:2013

EVS-EN 13398:2017

Bitumen and bituminous binders - Determination of the elastic recovery of modified bitumen

This European Standard specifies a method for the determination of the elastic recovery of bituminous binders in a ductilometer at the test temperature (typically 25°C or 10°C; other temperatures can be used). It is especially applicable to bituminous binders modified with thermoplastic elastomers, but can also be used with other bituminous binders which generate only small recovery. WARNING - The use of this European Standard may involve hazardous materials, operations and equipment. This European Standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this European Standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: EN 13398:2017
Asendab dokumenti: EVS-EN 13398:2010

EVS-EN 13399:2017

Bitumen and bituminous binders - Determination of storage stability of modified bitumen

This European Standard specifies a method for measuring the storage stability at high temperatures. NOTE Modified bitumen and, in particular, polymer-modified bitumen, which consist of mainly bitumen and at least one additional agent, are known to display phase separation under certain conditions. WARNING - The use of this European Standard can involve hazardous materials, operations and equipment. This European Standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this European Standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: EN 13399:2017
Asendab dokumenti: EVS-EN 13399:2010

EVS-EN 62056-6-1:2017

Electricity metering data exchange - The DLMS/COSEM suite - Part 6-1: Object Identification System (OBIS)

IEC 62056-6-1:2017 specifies the overall structure of the OBject Identification System (OBIS) and the mapping of all commonly used data items in metering equipment to their identification codes. This third edition cancels and replaces the second edition of IEC 62056-6-1, published in 2015. It constitutes a technical revision. The main technical changes with respect to the previous edition are listed in Annex B (informative).

Keel: en
Alusdokumendid: IEC 62056-6-1:2017; EN 62056-6-1:2017
Asendab dokumenti: EVS-EN 62056-6-1:2016

EVS-EN 62561-4:2017

Lightning protection system components (LPSC) - Part 4: Requirements for conductor fasteners

IEC 62561-4:2017 deals with the requirements and tests for metallic and non-metallic conductor fasteners that are used to retain and support the air-termination, down-conductor and earth-termination systems. This document does not cover the fixing of conductor fasteners to the fabric of structures due to the vast number and types used in modern day construction. LPSC can also be suitable for use in hazardous atmospheres. There are therefore additional requirements when installing the components in such conditions. This second edition cancels and replaces the first edition, published in 2010. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - new detailed flow chart of the tests; - in Annexes A and B, composite fasteners have been added.

Keel: en
Alusdokumendid: IEC 62561-4:2017; EN 62561-4:2017
Asendab dokumenti: EVS-EN 62561-4:2011

EVS-EN 62561-5:2017

Lightning protection system components (LPSC) - Part 5: Requirements for earth electrode inspection housings and earth electrode seals

IEC 62561-5:2017 specifies the requirements and tests for earth electrode inspection housings (earth housing) installed in the earth and for earth electrode seals. Lightning protection system components (LPSC) can also be suitable for use in hazardous atmospheres. There are therefore additional requirements when installing the components under such conditions. This second edition cancels and replaces the first edition, published in 2011. This edition constitutes a technical revision. This edition includes the following major technical changes with respect to the previous edition. - Testing requirements have been added for the sealing of earth electrode installed in or through watertight concrete.

Keel: en
Alusdokumendid: IEC 62561-5:2017; EN 62561-5:2017
Asendab dokumenti: EVS-EN 62561-5:2011

EVS-EN ISO 16283-1:2014/A1:2017

Akustika. Heliisolatsiooni mõõtmine hoonetes ja hoone osadel. Osa 1: Õhuheli isolatsioon. Muudatus 1
Acoustics - Field measurement of sound insulation in buildings and of building elements - Part 1: Airborne sound insulation - Amendment 1 (ISO 16283-1:2014/Amd 1:2017)

Muudatus standardile EN ISO 16283-1:2014

Keel: en
Alusdokumendid: ISO 16283-1:2014/Amd 1:2017; EN ISO 16283-1:2014/A1:2017
Muudab dokumenti: EVS-EN ISO 16283-1:2014

EVS-HD 60364-5-52:2011/A11:2017

Madalpingelised elektripaigaldised. Osa 5-52: Elektriseadmete valik ja paigaldamine. Juhistikud
Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems

Standardi HD 60364-5-52:2011 muudatus

Keel: en, et

Alusdokumendid: HD 60364-5-52:2011/A11:2017
Muudab dokumenti: EVS-HD 60364-5-52:2011

EVS-HD 60364-5-52:2011+A11:2017

Madalpingelised elektripaigaldised. Osa 5-52: Elektriseadmete valik ja paigaldamine. Juhistikud

Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems (IEC 60364-5-52:2009, modified)

IEC 60364 osa 5-52 käsitleb juhistike valikut ja paigaldamist. MÄRKUS 1 See standard käib ka kaitsejuhtide kohta; lisanõuded kaitsejuhtidele on esitatud standardis IEC 60364-5-54. MÄRKUS 2 Juhised IEC 60364 osa 5-52 kohta on esitatud standardis IEC 61200-52. EE MÄRKUS Juhis IEC/TS 61200-52 (Ed. 1.0, 5. märts 1993) „Electrical installation guide – Part 52: Selection and erection of electrical equipment – Wiring systems“ käsitleb juhistike valiku ja paigaldamise üldpõhimõtteid. Samuti on valminud selle juhise teise väljaande (Ed. 2.0) eelnõu.

Keel: en, et
Alusdokumendid: HD 60364-5-52:2011; IEC 60364-5-52:2009; IEC 60364-5-52/Cor 1:2011; HD 60364-5-52:2011/A11:2017
Konsolideerib dokumenti: EVS-HD 60364-5-52:2011
Konsolideerib dokumenti: EVS-HD 60364-5-52:2011/A11:2017

93 RAJATISED

CEN/TR 16958:2017

Road marking materials - Conditions for removing/masking road markings

This document provides guidance for removal or/and masking existing road markings. It includes methods of removal and criteria for selecting the removal method, as well as the requirements for the masking materials and the performance requirements of the resulting surface. It does not apply to removable temporary road markings, which shall be removed in accordance to the manufacturer instructions. Some recommendations are given for removing and masking road studs, removing wet paints, removing curing membranes in new cement concrete pavements and cleaning existing road markings.

Keel: en
Alusdokumendid: CEN/TR 16958:2017

EVS-EN 12697-10:2017

Bituminous mixtures - Test methods - Part 10: Compactability

This European Standard describes three test methods for characterizing the compactability of a bituminous mix, by the relation between its density or void content and the compaction energy applied to it, using an impact (Marshall) compactor, gyratory compactor, or a vibratory compactor. This European Standard applies to bituminous mixtures, both those prepared in laboratory and those resulting sampled from plant produced mixtures. The results of the test method serve to supplement the results of mixture design.

Keel: en
Alusdokumendid: EN 12697-10:2017
Asendab dokumenti: EVS-EN 12697-10:2002
Asendab dokumenti: EVS-EN 12697-10:2002/AC:2007

EVS-EN ISO 18674-3:2017

Geotechnical investigation and testing - Geotechnical monitoring by field instrumentation - Part 3: Measurement of displacements across a line: Inclinometers (ISO 18674-3:2017)

ISO 18674-3:2017 specifies the measurement of displacements across a line by means of inclinometers carried out for geotechnical monitoring. General rules of performance monitoring of the ground, of structures interacting with the ground, of geotechnical fills and of geotechnical works are presented in ISO 18674- 1. ISO 18674-3:2017 also refers to deflectometers (see Annex B) to supplement inclinometers for the determination of horizontal displacements across horizontal measuring lines. NOTE In general, there are two independent displacement components acting across measuring lines. Inclinometers allow the determination of the two components for vertical measuring lines. For horizontal lines, inclinometers are limited to the determination of the vertical component only. If applied in conjunction with ISO 18674- 2, ISO 18674-3:2017 allows the determination of displacements acting in any direction. ISO 18674-3:2017 is applicable to: - checking geotechnical designs in connection with the Observational Design procedure; - monitoring of geotechnical structures prior to, during and after construction (e.g. natural slopes, slope cuts, embankments, excavation walls, foundations, dams, refuse dumps, tunnels); - deriving geotechnical key parameters (e.g. from results of pile load tests or trial tunnelling); - identification and monitoring of active shear planes in the ground. NOTE ISO 18674-3:2017 fulfils the requirements for the performance monitoring of the ground, of structures interacting with the ground and of geotechnical works by the means of inclinometers as part of the geotechnical investigation and testing in accordance with References [1] and [2].

Keel: en
Alusdokumendid: ISO 18674-3:2017; EN ISO 18674-3:2017

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 13865:2017/AC:2017

Surfaces for sports areas - Determination of angled ball behaviour - Tennis

Corrigendum for EN 13865:2017

Keel: en
Alusdokumendid: EN 13865:2017/AC:2017
Parandab dokumenti: EVS-EN 13865:2017

EVS-EN 14225-1:2017

Tuukriülikonnad. Osa 1: Kummiülikonnad. Nõuded ja katsemeetodid
Diving suits - Part 1: Wet suits - Requirements and test methods

This European Standard specifies the construction and performance requirements (including thermal) of wet suits for wear by divers for underwater activities where the user is breathing underwater. Marking, labelling, information meant to be provided at the point of sale, and instructions for use are also specified. Laboratory and practical performance tests are specified. Short sleeve jackets, short-leg trousers, under- and overgarments, and separate accessories such as gloves, hoods and boots are not within the scope of this document. NOTE Suits and shorties for snorkelling including underwater activities are not covered by this standard.

Keel: en
Alusdokumendid: EN 14225-1:2017
Asendab dokumenti: EVS-EN 14225-1:2005

EVS-EN 14225-2:2017

Tuukriülikonnad. Osa 2: Kuivad kummiülikonnad. Nõuded ja katsemeetodid
Diving suits - Part 2: Dry suits - Requirements and test methods

This European Standard specifies the construction and performance of dry suits for wear by divers for underwater activities where the user is breathing underwater. Marking, labelling, information meant to be provided at the point of sale and instructions for use are also specified. Laboratory and practical performance tests are specified.

Keel: en
Alusdokumendid: EN 14225-2:2017
Asendab dokumenti: EVS-EN 14225-2:2005

EVS-EN 14225-3:2017

Tuukriülikonnad. Osa 3: Aktiivjahutuse või -soojendusega ülikonnasüsteemid ja nende osad. Nõuded ja katsemeetodid
Diving suits - Part 3: Actively heated or cooled suit systems and components - Requirements and test methods

This European Standard specifies the construction and performance of actively heated suits and actively cooled suits or components thereof, for wear by divers for underwater activities where the user is breathing underwater. Marking, labelling, information meant to be provided at the point of sale and instructions for use are also specified. Laboratory and practical performance tests are specified.

Keel: en
Alusdokumendid: EN 14225-3:2017
Asendab dokumenti: EVS-EN 14225-3:2005

EVS-EN 50631-1:2017

Household appliances network and grid connectivity - Part 1: General Requirements, Generic Data Modelling and Neutral Messages

This document defines data models for Interoperable Connected Household Appliances. The data model is derived from a logical decomposition of use cases into functional blocks that themselves are realized by abstract actions on the data model itself.

Keel: en
Alusdokumendid: EN 50631-1:2017

EVS-EN ISO 20957-10:2017

Statsionaarne treenimisvarustus. Osa 10: Fikseeritud rattaga või ilma vabakäiguta treeningrattad. Täiendavad spetsiaalsed ohutusnõuded ja katsemeetodid
Stationary training equipment - Part 10: Exercise bicycles with a fixed wheel or without freewheel - Additional specific safety requirements and test methods (ISO 20957-10:2017)

ISO 20957-10:2017 specifies safety requirements for exercise bicycles with a fixed wheel or without freewheel that have an inertia of >0,6 kg·m2. The requirements are in addition to the general safety requirements of ISO 20957- 1, with which ISO 20957-10:2017 is intended to be read in conjunction. Any attachment provided with the exercise bicycle with a fixed wheel or without freewheel for the performance of additional exercises is subject to the requirements of ISO 20957- 1.

Keel: en

Alusdokumendid: ISO 20957-10:2017; EN ISO 20957-10:2017
Asendab dokumenti: EVS-EN 957-10:2005

EVS-EN ISO 20957-8:2017

Statsionaarne treenimisvarustus. Osa 8: Kõndimis-, trepi- ja ronimisvahendid. Täiendavad spetsiaalsed ohutusnõuded ja katsemeetodid
Stationary training equipment - Part 8: Steppers, stairclimbers and climbers - Additional specific safety requirements and test methods (ISO 20957-8:2017)

ISO 20957-8.2017 specifies safety requirements for stepper, stairclimber and climber machines (hereafter called training equipment) performed from either a standing or sitting position. The requirements are in addition to the general safety requirements of ISO 20957- 1, with which ISO 20957-8.2017 is intended to be read in conjunction. ISO 20957-8.2017 is applicable to stationary training equipment type stepper, stairclimber and climber training equipment, within classes S and H. Additional requirements are provided for accuracy class A.

Keel: en
Alusdokumendid: ISO 20957-8:2017; EN ISO 20957-8:2017
Asendab dokumenti: EVS-EN 957-8:2000

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 13306:2010
Maintenance - Maintenance terminology

Keel: en
Alusdokumendid: EN 13306:2010
Asendatud järgmise dokumendiga: EVS-EN 13306:2017
Standardi staatus: Kehtetu

EVS-EN 14478:2006
Raudteealased rakendused. Pidurdamine. Üldsõnavara
Railway applications - Braking - Generic vocabulary

Keel: et-en
Alusdokumendid: EN 14478:2005
Asendatud järgmise dokumendiga: EVS-EN 14478:2017
Standardi staatus: Kehtetu

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

CEN ISO/TS 16407-1:2011
Electronic fee collection - Evaluation of equipment for conformity to ISO/TS 17575-1 - Part 1: Test suite structure and test purposes (ISO/TS 16407-1:2011)

Keel: en
Alusdokumendid: ISO/TS 16407-1:2011; CEN ISO/TS 16407-1:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 16407-1:2017
Standardi staatus: Kehtetu

CEN ISO/TS 25110:2013
Electronic fee collection - Interface definition for on-board account using integrated circuit card (ICC) (ISO/TS 25110:2013)

Keel: en
Alusdokumendid: ISO/TS 25110:2013; CEN ISO/TS 25110:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 25110:2017
Standardi staatus: Kehtetu

CWA 16275:2011
Guidelines for the selection of consultants advising SMEs on integrated quality, environment, health and safety management systems

Keel: en
Alusdokumendid: CWA 16275:2011
Standardi staatus: Kehtetu

CWA 16385:2012
Interoperability of Registries

Keel: en
Alusdokumendid: CWA 16385:2012
Standardi staatus: Kehtetu

CWA 16558:2013
Business Interoperability Interfaces for Public procurement in Europe - BII Architecture

Keel: en
Alusdokumendid: CWA 16558:2013
Standardi staatus: Kehtetu

CWA 16559:2013
Business Interoperability Interfaces for Public procurement in Europe - Tender Notification

Keel: en
Alusdokumendid: CWA 16559:2013

Standardi staatus: Kehtetu

CWA 16560:2013
Business Interoperability Interfaces for Public procurement in Europe - Use of profiles in the tendering process

Keel: en
Alusdokumendid: CWA 16560:2013
Standardi staatus: Kehtetu

CWA 16561:2013
Business Interoperability Interfaces for Public procurement in Europe - eCatalogue profiles

Keel: en
Alusdokumendid: CWA 16561:2013
Standardi staatus: Kehtetu

CWA 16562:2013
Business Interoperability Interfaces for public procurement in Europe - Post award profiles

Keel: en
Alusdokumendid: CWA 16562:2013
Standardi staatus: Kehtetu

EVS-EN 13306:2010
Maintenance - Maintenance terminology

Keel: en
Alusdokumendid: EN 13306:2010
Asendatud järgmise dokumendiga: EVS-EN 13306:2017
Standardi staatus: Kehtetu

EVS-EN ISO/IEC 17025:2006
Katse- ja kalibreerimislaborite kompetentsuse üldnõuded
General requirements for the competence of testing and calibration laboratories

Keel: et-en
Alusdokumendid: ISO/IEC 17025:2005; EN ISO/IEC 17025:2005
Asendatud järgmise dokumendiga: EVS-EN ISO/IEC 17025:2017
Parandatud järgmise dokumendiga: EVS-EN ISO/IEC 17025:2006/AC:2006
Standardi staatus: Kehtetu

EVS-EN ISO/IEC 17025:2006/AC:2006
Katse- ja kalibreerimislaborite kompetentsuse üldnõuded
General requirements for the competence of testing and calibration laboratories

Keel: en, et
Alusdokumendid: ISO/IEC 17025:2005/Cor.1:2006; EN ISO/IEC 17025:2005/AC:2006
Asendatud järgmise dokumendiga: EVS-EN ISO/IEC 17025:2017
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN ISO 10993-16:2010
Meditsiiniseadmete bioloogiline hindamine. Osa 16: Mittetäisväärtuslike saaduste ja uhtainete jaoks mõeldud toksikokineetilise uuringu ülesehitus
Biological evaluation of medical devices - Part 16: Toxicokinetic study design for degradation products and leachables

Keel: en
Alusdokumendid: ISO 10993-16:2010; EN ISO 10993-16:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 10993-16:2017
Standardi staatus: Kehtetu

EVS-EN ISO 14457:2012
Dentistry - Handpieces and motors (ISO 14457:2012)

Keel: en
Alusdokumendid: ISO 14457:2012; EN ISO 14457:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 14457:2017
Standardi staatus: Kehtetu

EVS-EN ISO 17664:2004

Meditsiiniseadmete steriliseerimine. Tootja poolt esitatav informatsioon resteriliseeritavate meditsiiniseadmete käitlemise kohta
Sterilization of medical devices - Information to be provided by the manufacturer for the processing of resterilizable medical devices

Keel: en
Alusdokumendid: ISO 17664:2004; EN ISO 17664:2004
Asendatud järgmise dokumendiga: EVS-EN ISO 17664:2017
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TR 15419:2006

Protective clothing - Guidelines for selection, use, care and maintenance of chemical protective clothing

Keel: en
Alusdokumendid: CEN/TR 15419:2006
Asendatud järgmise dokumendiga: CEN/TR 15419:2017
Standardi staatus: Kehtetu

EVS-EN 14225-3:2005

Tuukriülikonnad. Osa 3: Aktiivjahutuse või soojendusega ülikonnad (süsteemid). Nõuded ja katsemeetodid
Diving suits - Part 3: Actively heated or cooled suit (Systems) - Requirements and test methods

Keel: en
Alusdokumendid: EN 14225-3:2005
Asendatud järgmise dokumendiga: EVS-EN 14225-3:2017
Standardi staatus: Kehtetu

EVS-EN ISO 10093:1999

Plastid. Põlevuskatsed. Standardsed süüteallikad
Plastics - Fire tests - Standard ignition sources

Keel: en
Alusdokumendid: ISO 10093:1998; EN ISO 10093:1998
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

CWA 16373:2011

Best practice approach for electromagnetic induction (EMI) measurements of the near surface

Keel: en
Alusdokumendid: CWA 16373:2011
Standardi staatus: Kehtetu

EVS-EN 12102:2013

Elektrikompressoritega õhu konditsioneerid, vedelikjahutusseadmed, soojuspumbad ja õhukuivatid ruumide kütteks ja jahutuseks. Õhumüra mõõtmine. Helivõimsuse taseme määramine
Air conditioners, liquid chilling packages, heat pumps and dehumidifiers with electrically driven compressors for space heating and cooling - Measurement of airborne noise - Determination of the sound power level

Keel: en
Alusdokumendid: EN 12102:2013
Asendatud järgmise dokumendiga: EVS-EN 12102-1:2017
Standardi staatus: Kehtetu

EVS-EN 50383:2010

Basic standard for the calculation and measurement of electromagnetic field strength and SAR related to human exposure from radio base stations and fixed terminal stations for wireless telecommunication systems (110 MHz - 40 GHz)

Keel: en
Alusdokumendid: EN 50383:2010
Asendatud järgmise dokumendiga: EVS-EN 62232:2017

Parandatud järgmise dokumendiga: EVS-EN 50383:2010/AC:2013
Standardi staatus: Kehtetu

EVS-EN 50383:2010/AC:2013

Basic standard for the calculation and measurement of electromagnetic field strength and SAR related to human exposure from radio base stations and fixed terminal stations for wireless telecommunication systems (110 MHz - 40 GHz)

Keel: en
Alusdokumendid: EN 50383:2010/AC:2013
Asendatud järgmise dokumendiga: EVS-EN 62232:2017
Standardi staatus: Kehtetu

EVS-EN 50400:2006

Basic standard to demonstrate the compliance of fixed equipment for radio transmission (110 MHz - 40 GHz) intended for use in wireless telecommunication networks with the basic restrictions or the reference levels related to general public exposure to radio frequency electromagnetic fields, when put into service

Keel: en
Alusdokumendid: EN 50400:2006
Asendatud järgmise dokumendiga: EVS-EN 62232:2017
Muudetud järgmise dokumendiga: EVS-EN 50400:2006/A1:2012
Parandatud järgmise dokumendiga: EVS-EN 50400:2006/AC:2011
Standardi staatus: Kehtetu

EVS-EN 50400:2006/A1:2012

Basic standard to demonstrate the compliance of fixed equipment for radio transmission (110 MHz - 40 GHz) intended for use in wireless telecommunication networks with the basic restrictions or the reference levels related to general public exposure to radio frequency electromagnetic fields, when put into service

Keel: en
Alusdokumendid: EN 50400:2006/A1:2012
Asendatud järgmise dokumendiga: EVS-EN 62232:2017
Standardi staatus: Kehtetu

EVS-EN 50400:2006/AC:2011

Basic standard to demonstrate the compliance of fixed equipment for radio transmission (110 MHz - 40 GHz) intended for use in wireless telecommunication networks with the basic restrictions or the reference levels related to general public exposure to radio frequency electromagnetic fields, when put into service

Keel: en
Alusdokumendid: EN 50400:2006/AC:2011
Asendatud järgmise dokumendiga: EVS-EN 62232:2017
Standardi staatus: Kehtetu

EVS-EN 50492:2008

Inimesele põhijaama läheduses toimiva elektromagnetvälja tugevuse kohapealse mõõtmise põhistandard
Basic standard for the in-situ measurement of electromagnetic field strength related to human exposure in the vicinity of base stations

Keel: en
Alusdokumendid: EN 50492:2008
Asendatud järgmise dokumendiga: EVS-EN 62232:2017
Muudetud järgmise dokumendiga: EVS-EN 50492:2008/A1:2014
Standardi staatus: Kehtetu

EVS-EN 50492:2008/A1:2014

Inimesele põhijaama läheduses toimiva elektromagnetvälja tugevuse kohapealse mõõtmise põhistandard
Basic standard for the in-situ measurement of electromagnetic field strength related to human exposure in the vicinity of base stations

Keel: en
Alusdokumendid: EN 50492:2008/A1:2014
Asendatud järgmise dokumendiga: EVS-EN 62232:2017
Standardi staatus: Kehtetu

EVS-EN 62056-6-1:2016
Electricity metering data exchange - The DLMS/COSEM suite - Part 6-1: Object Identification System (OBIS)

Keel: en
Alusdokumendid: IEC 62056-6-1:2015; EN 62056-6-1:2016
Asendatud järgmise dokumendiga: EVS-EN 62056-6-1:2017
Standardi staatus: Kehtetu

EVS-EN ISO 6416:2005
Hydrometry - Measurement of discharge by the ultrasonic (acoustic) method

Keel: en
Alusdokumendid: ISO 6416:2004; EN ISO 6416:2005
Asendatud järgmise dokumendiga: EVS-EN ISO 6416:2017
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN ISO 11295:2010
Classification and information on design of plastics piping systems used for renovation

Keel: en
Alusdokumendid: ISO 11295:2010; EN ISO 11295:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 11295:2017
Standardi staatus: Kehtetu

EVS-EN ISO 11363-2:2010
Gas cylinders - 17E and 25E taper threads for connection of valves to gas cylinders - Part 2: Inspection gauges

Keel: en
Alusdokumendid: ISO 11363-2:2010; EN ISO 11363-2:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 11363-2:2017
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN 61784-3-13:2011
Industrial communication networks - Profiles - Part 3-13: Functional safety fieldbuses - Additional specifications for CPF 13

Keel: en
Alusdokumendid: IEC 61784-3-13:2010; EN 61784-3-13:2010
Asendatud järgmise dokumendiga: EVS-EN 61784-3-13:2017
Standardi staatus: Kehtetu

EVS-EN 61784-3-8:2011
Industrial communication networks - Profiles - Part 3-8: Functional safety fieldbuses - Additional specifications for CPF 8

Keel: en
Alusdokumendid: IEC 61784-3-8:2010; EN 61784-3-8:2010
Asendatud järgmise dokumendiga: EVS-EN 61784-3-8:2017
Standardi staatus: Kehtetu

EVS-EN 62453-302:2009
Field device tool (FDT) interface specification - Part 302: Communication profile integration - IEC 61784 CPF 2

Keel: en
Alusdokumendid: IEC 62453-302:2009; EN 62453-302:2009
Asendatud järgmise dokumendiga: EVS-EN 62453-302:2017
Standardi staatus: Kehtetu

EVS-EN 62453-309:2009
Field device tool (FDT) interface specification - Part 309: Communication profile integration - IEC 61784 CPF 9

Keel: en
Alusdokumendid: IEC 62453-309:2009; EN 62453-309:2009

Asendatud järgmise dokumendiga: EVS-EN 62453-309:2017
Standardi staatus: Kehtetu

EVS-EN 730-1:2002

Gas welding equipment - Safety devices - Part 1: Incorporating a flame (flashback) arrestor

Keel: en
Alusdokumendid: EN 730-1:2002
Asendatud järgmise dokumendiga: EVS-EN ISO 5175-1:2017
Standardi staatus: Kehtetu

EVS-EN 730-2:2002

Gas welding equipment - Safety devices - Part 2: Not incorporating a flame (flashback) arrestor

Keel: en
Alusdokumendid: EN 730-2:2002
Asendatud järgmise dokumendiga: EVS-EN ISO 5175-2:2017
Standardi staatus: Kehtetu

EVS-EN ISO 13916:1999

Keevitus. Juhised eelkuumutustemperatuuri, läbimitevahelise temperatuuri ja eelkuumutuse hoidmistemperatuuri mõõtmiseks
Welding - Guidance on the measurement of preheating temperature, interpass temperature and preheat maintenance temperature

Keel: en, et
Alusdokumendid: ISO 13916:1996; EN ISO 13916:1996
Asendatud järgmise dokumendiga: EVS-EN ISO 13916:2017
Standardi staatus: Kehtetu

EVS-EN ISO 17640:2011

Keevisõmbluste mittepurustav katsetamine. Katsetamine ultraheliga. Meetodid, katsetamise tasemed ja hindamine
Non-destructive testing of welds - Ultrasonic testing - Techniques, testing levels, and assessment (ISO 17640:2010)

Keel: en, et
Alusdokumendid: ISO 17640:2010; EN ISO 17640:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 17640:2017
Standardi staatus: Kehtetu

EVS-EN ISO 17836:2005

Thermal spraying - Determination of the deposition efficiency for thermal spraying

Keel: en
Alusdokumendid: ISO 17836:2004; EN ISO 17836:2004
Asendatud järgmise dokumendiga: EVS-EN ISO 17836:2017
Standardi staatus: Kehtetu

EVS-EN ISO 27830:2013

Metallic and other inorganic coatings - Guidelines for specifying metallic and inorganic coatings (ISO 27830:2008)

Keel: en
Alusdokumendid: ISO 27830:2008; EN ISO 27830:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 27830:2017
Standardi staatus: Kehtetu

EVS-EN ISO 3210:2010

Anodizing of aluminium and its alloys - Assessment of quality of sealed anodic oxidation coatings by measurement of the loss of mass after immersion in phosphoric acid/chromic acid solution

Keel: en
Alusdokumendid: ISO 3210:2010; EN ISO 3210:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 3210:2017
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12102:2013

Elektrikompressoritega õhu konditsioneerid, vedelikjahutusseadmed, soojuspumbad ja õhukuivatid ruumide kütteks ja jahutuseks. Õhumüra mõõtmine. Helivõimsuse taseme määramine
Air conditioners, liquid chilling packages, heat pumps and dehumidifiers with electrically driven compressors for space heating and cooling - Measurement of airborne noise - Determination of the sound power level

Keel: en
Alusdokumendid: EN 12102:2013
Asendatud järgmise dokumendiga: EVS-EN 12102-1:2017
Standardi staatus: Kehtetu

EVS-EN 61400-25-1:2007

Wind turbines - Part 25-1: Communications for monitoring and control of wind power plants - Overall description of principles and models

Keel: en
Alusdokumendid: IEC 61400-25-1:2006; EN 61400-25-1:2007
Asendatud järgmise dokumendiga: EVS-EN 61400-25-1:2017
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 60947-2:2006

Madalpingelised lülitusaparaadid. Osa 2: Kaitselülitid
Low-voltage switchgear and controlgear - Part 2: Circuit-breakers (IEC 60947-2:2006)

Keel: en, et
Alusdokumendid: IEC 60947-2:2006; EN 60947-2:2006
Asendatud järgmise dokumendiga: EVS-EN 60947-2:2017
Muudetud järgmise dokumendiga: EVS-EN 60947-2:2006/A1:2009
Muudetud järgmise dokumendiga: EVS-EN 60947-2:2006/A2:2013
Standardi staatus: Kehtetu

EVS-EN 60947-2:2006/A1:2009

Madalpingelised lülitusaparaadid. Osa 2: Kaitselülitid
Low-voltage switchgear and controlgear - Part 2: Circuit-breakers (IEC 60947-2:2006/A1:2009)

Keel: en, et
Alusdokumendid: IEC 60947-2:2006/A1:2009; EN 60947-2:2006/A1:2009
Asendatud järgmise dokumendiga: EVS-EN 60947-2:2017
Standardi staatus: Kehtetu

EVS-EN 60947-2:2006/A2:2013

Madalpingelised lülitusaparaadid. Osa 2: Kaitselülitid
Low-voltage switchgear and controlgear - Part 2: Circuit-breakers (IEC 60947-2:2006/A2:2013)

Keel: en, et
Alusdokumendid: IEC 60947-2:2006/A2:2013; EN 60947-2:2006/A2:2013
Asendatud järgmise dokumendiga: EVS-EN 60947-2:2017
Standardi staatus: Kehtetu

EVS-EN 60947-2:2006+A1:2009

Madalpingelised lülitusaparaadid. Osa 2: Kaitselülitid
Low-voltage switchgear and controlgear - Part 2: Circuit-breakers (IEC 60947-2:2006+A1:2009)

Keel: en, et
Alusdokumendid: IEC 60947-2:2006+IEC 60947-2:2006/A1:2009; EN 60947-2:2006+EN 60947-2:2006/A1:2009
Asendatud järgmise dokumendiga: EVS-EN 60947-2:2017
Standardi staatus: Kehtetu

EVS-EN 60947-2:2006+A1:2009+A2:2013

Madalpingelised lülitusaparaadid. Osa 2: Kaitselülitid
Low-voltage switchgear and controlgear - Part 2: Circuit-breakers

Keel: en, et

Alusdokumendid: IEC 60947-2:2006; IEC 60947-2:2006/A1:2009; IEC 60947-2:2006/A2:2013; EN 60947-2:2006; EN 60947-2:2006/A1:2009; EN 60947-2:2006/A2:2013
Asendatud järgmise dokumendiga: EVS-EN 60947-2:2017
Standardi staatus: Kehtetu

EVS-EN 62271-1:2009

Kõrgepingeline lülitus- ja juhtimisaparatuur. Osa 1: Üldliigitus
High-voltage switchgear and controlgear - Part 1: Common specifications

Keel: en
Alusdokumendid: IEC 62271-1:2007; EN 62271-1:2008
Asendatud järgmise dokumendiga: EVS-EN 62271-1:2017
Muudetud järgmise dokumendiga: EVS-EN 62271-1:2009/A1:2011
Standardi staatus: Kehtetu

EVS-EN 62271-1:2009/A1:2011

Kõrgepingeline lülitus- ja juhtimisaparatuur. Osa 1: Üldliigitus
High-voltage switchgear and controlgear - Part 1: Common specifications

Keel: en
Alusdokumendid: IEC 62271-1:2007/A1:2011; EN 62271-1:2008/A1:2011
Asendatud järgmise dokumendiga: EVS-EN 62271-1:2017
Standardi staatus: Kehtetu

EVS-EN 62271-1:2009+A1:2011

Kõrgepingeline lülitus- ja juhtimisaparatuur. Osa 1: Üldliigitus
High-voltage switchgear and controlgear - Part 1: Common specifications (IEC 62271-1:2007 + IEC 62271-1:2007/A1:2011)

Keel: en, et
Alusdokumendid: EN 62271-1:2008+EN 62271-1:2008/A1:2011; IEC 62271-1:2007+Amd 1:2011
Asendatud järgmise dokumendiga: EVS-EN 62271-1:2017
Standardi staatus: Kehtetu

EVS-EN 62561-4:2011

Lightning Protection System Components (LPSC) - Part 4: Requirements for conductor fasteners

Keel: en
Alusdokumendid: IEC 62561-4:2010; EN 62561-4:2011
Asendatud järgmise dokumendiga: EVS-EN 62561-4:2017
Muudetud järgmise dokumendiga: EN 62561-4:2011/FprAA
Standardi staatus: Kehtetu

EVS-EN 62561-5:2011

Lightning Protection System Components (LPSC) - Part 5: Requirements for earth electrode inspection housings and earth electrode seals

Keel: en
Alusdokumendid: IEC 62561-5:2011; EN 62561-5:2011
Asendatud järgmise dokumendiga: EVS-EN 62561-5:2017
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 61360-1:2010

Standard data elements types with associated classification scheme for electric items - Part 1: Definitions - Principles and methods

Keel: en
Alusdokumendid: IEC 61360-1:2009; EN 61360-1:2010
Asendatud järgmise dokumendiga: EVS-EN 61360-1:2017
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 50383:2010

Basic standard for the calculation and measurement of electromagnetic field strength and SAR related to human exposure from radio base stations and fixed terminal stations for wireless telecommunication systems (110 MHz - 40 GHz)

Keel: en
Alusdokumendid: EN 50383:2010
Asendatud järgmise dokumendiga: EVS-EN 62232:2017
Parandatud järgmise dokumendiga: EVS-EN 50383:2010/AC:2013
Standardi staatus: Kehtetu

EVS-EN 50383:2010/AC:2013

Basic standard for the calculation and measurement of electromagnetic field strength and SAR related to human exposure from radio base stations and fixed terminal stations for wireless telecommunication systems (110 MHz - 40 GHz)

Keel: en
Alusdokumendid: EN 50383:2010/AC:2013
Asendatud järgmise dokumendiga: EVS-EN 62232:2017
Standardi staatus: Kehtetu

EVS-EN 50400:2006

Basic standard to demonstrate the compliance of fixed equipment for radio transmission (110 MHz - 40 GHz) intended for use in wireless telecommunication networks with the basic restrictions or the reference levels related to general public exposure to radio frequency electromagnetic fields, when put into service

Keel: en
Alusdokumendid: EN 50400:2006
Asendatud järgmise dokumendiga: EVS-EN 62232:2017
Muudetud järgmise dokumendiga: EVS-EN 50400:2006/A1:2012
Parandatud järgmise dokumendiga: EVS-EN 50400:2006/AC:2011
Standardi staatus: Kehtetu

EVS-EN 50400:2006/A1:2012

Basic standard to demonstrate the compliance of fixed equipment for radio transmission (110 MHz - 40 GHz) intended for use in wireless telecommunication networks with the basic restrictions or the reference levels related to general public exposure to radio frequency electromagnetic fields, when put into service

Keel: en
Alusdokumendid: EN 50400:2006/A1:2012
Asendatud järgmise dokumendiga: EVS-EN 62232:2017
Standardi staatus: Kehtetu

EVS-EN 50400:2006/AC:2011

Basic standard to demonstrate the compliance of fixed equipment for radio transmission (110 MHz - 40 GHz) intended for use in wireless telecommunication networks with the basic restrictions or the reference levels related to general public exposure to radio frequency electromagnetic fields, when put into service

Keel: en
Alusdokumendid: EN 50400:2006/AC:2011
Asendatud järgmise dokumendiga: EVS-EN 62232:2017
Standardi staatus: Kehtetu

EVS-EN 50492:2008

Inimesele põhijaama läheduses toimiva elektromagnetvälja tugevuse kohapealse mõõtmise põhistandard
Basic standard for the in-situ measurement of electromagnetic field strength related to human exposure in the vicinity of base stations

Keel: en
Alusdokumendid: EN 50492:2008
Asendatud järgmise dokumendiga: EVS-EN 62232:2017
Muudetud järgmise dokumendiga: EVS-EN 50492:2008/A1:2014
Standardi staatus: Kehtetu

EVS-EN 50492:2008/A1:2014

Inimesele põhijaama läheduses toimiva elektromagnetvälja tugevuse kohapealse mõõtmise põhistandard
Basic standard for the in-situ measurement of electromagnetic field strength related to human exposure in the vicinity of base stations

Keel: en

Alusdokumendid: EN 50492:2008/A1:2014
Asendatud järgmise dokumendiga: EVS-EN 62232:2017
Standardi staatus: Kehtetu

EVS-EN 60793-1-48:2008

Optical fibres - Part 1-48: Measurement methods and test procedures - Polarization mode dispersion

Keel: en
Alusdokumendid: IEC 60793-1-48:2007; EN 60793-1-48:2007
Asendatud järgmise dokumendiga: EVS-EN 60793-1-48:2017
Standardi staatus: Kehtetu

EVS-HD 123.4 S1:2003

Hollow metallic waveguides - Part 4: Relevant specifications for circular waveguides

Keel: en
Alusdokumendid: IEC 60153-4:1973; HD 123.4 S1:1977
Asendatud järgmise dokumendiga: EVS-EN 60153-4:2017
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CEN ISO/TS 16407-1:2011

Electronic fee collection - Evaluation of equipment for conformity to ISO/TS 17575-1 - Part 1: Test suite structure and test purposes (ISO/TS 16407-1:2011)

Keel: en
Alusdokumendid: ISO/TS 16407-1:2011; CEN ISO/TS 16407-1:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 16407-1:2017
Standardi staatus: Kehtetu

CEN ISO/TS 25110:2013

Electronic fee collection - Interface definition for on-board account using integrated circuit card (ICC) (ISO/TS 25110:2013)

Keel: en
Alusdokumendid: ISO/TS 25110:2013; CEN ISO/TS 25110:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 25110:2017
Standardi staatus: Kehtetu

CWA 14094:2001

European Culturally Specific ICT Requirements

Keel: en
Alusdokumendid: CWA 14094:2001
Standardi staatus: Kehtetu

CWA 14172-1:2004

EESSI Conformity Assessment Guidance - Part 1: General introduction

Keel: en
Alusdokumendid: CWA 14172-1:2004
Standardi staatus: Kehtetu

CWA 14172-2:2004

EESSI Conformity Assessment Guidance - Part 2: Certification Authority services and processes

Keel: en
Alusdokumendid: CWA 14172-2:2004
Standardi staatus: Kehtetu

CWA 14172-3:2004

EESSI Conformity Assessment Guidance - Part 3: Trustworthy systems managing certificates for electronic signatures

Keel: en
Alusdokumendid: CWA 14172-3:2004
Standardi staatus: Kehtetu

CWA 14172-4:2004
EESSI Conformity Assessment Guidance - Part 4: Signature-creation applications and general guidelines for electronic signature verification

Keel: en
Alusdokumendid: CWA 14172-4:2004
Standardi staatus: Kehtetu

CWA 14172-5:2004
EESSI Conformity Assessment Guidance - Part 5: Secure signature-creation devices

Keel: en
Alusdokumendid: CWA 14172-5:2004
Standardi staatus: Kehtetu

CWA 14172-6:2004
EESSI Conformity Assessment Guidance - Part 6: Signature-creation device supporting signatures other than qualified

Keel: en
Alusdokumendid: CWA 14172-6:2004
Standardi staatus: Kehtetu

CWA 14355:2004
Guidelines for the implementation of Secure Signature-Creation Devices

Keel: en
Alusdokumendid: CWA 14355:2004
Standardi staatus: Kehtetu

CWA 14365-1:2004
Guide on the Use of Electronic Signatures - Part 1: Legal and Technical Aspects

Keel: en
Alusdokumendid: CWA 14365-1:2004
Standardi staatus: Kehtetu

CWA 14365-2:2004
Guide on the Use of Electronic Signatures - Part 2: Protection Profile for Software Signature Creation Devices

Keel: en
Alusdokumendid: CWA 14365-2:2004
Standardi staatus: Kehtetu

CWA 15579:2007
E-invoices and digital signatures

Keel: en
Alusdokumendid: CWA 15579:2007
Standardi staatus: Kehtetu

CWA 16100:2010
Guidelines for the design, implementation and operation of a product property server (ePPS)

Keel: en
Alusdokumendid: CWA 16100:2010
Standardi staatus: Kehtetu

CWA 16131:2010
Europass Diploma Supplement Application Profile of the EuroLMAI (EuroLMAI Europass DS AP)

Keel: en
Alusdokumendid: CWA 16131:2010
Standardi staatus: Kehtetu

CWA 16132:2010
European Learner Mobility Achievement Information (EuroLMAI)

Keel: en
Alusdokumendid: CWA 16132:2010
Standardi staatus: Kehtetu

CWA 16133:2010
Guidelines on a European Learner Mobility model

Keel: en
Alusdokumendid: CWA 16133:2010
Standardi staatus: Kehtetu

CWA 16356-1:2011
Guide for a European CORE INVOICE data model with UN/CEFACT CII Implementation Guideline - Part 1: Introduction

Keel: en
Alusdokumendid: CWA 16356-1:2011
Standardi staatus: Kehtetu

CWA 16356-2:2011
Guide for a European CORE INVOICE data model with UN/CEFACT CII Implementation Guideline - Part 2: European CORE INVOICE data model

Keel: en
Alusdokumendid: CWA 16356-2:2011
Standardi staatus: Kehtetu

CWA 16356-3:2011
Guide for a European CORE INVOICE data model with UN/CEFACT CII Implementation Guideline - Part 3: European CORE INVOICE syntax mapping

Keel: en
Alusdokumendid: CWA 16356-3:2011
Standardi staatus: Kehtetu

CWA 16385:2012
Interoperability of Registries

Keel: en
Alusdokumendid: CWA 16385:2012
Standardi staatus: Kehtetu

CWA 16504:2012
Simplified multilateral EDI - Secure electronic data interchange in non-hierarchical networks

Keel: en
Alusdokumendid: CWA 16504:2012
Standardi staatus: Kehtetu

CWA 16505:2012
Container Security & Tracking Devices - Technical Specifications and Communication Standards

Keel: en
Alusdokumendid: CWA 16505:2012
Standardi staatus: Kehtetu

CWA 16558:2013
Business Interoperability Interfaces for Public procurement in Europe - BII Architecture

Keel: en
Alusdokumendid: CWA 16558:2013
Standardi staatus: Kehtetu

CWA 16559:2013
Business Interoperability Interfaces for Public procurement in Europe - Tender Notification

Keel: en
Alusdokumendid: CWA 16559:2013
Standardi staatus: Kehtetu

CWA 16560:2013
Business Interoperability Interfaces for Public procurement in Europe - Use of profiles in the tendering process

Keel: en

Alusdokumendid: CWA 16560:2013
Standardi staatus: Kehtetu

CWA 16561:2013
Business Interoperability Interfaces for Public procurement in Europe - eCatalogue profiles

Keel: en
Alusdokumendid: CWA 16561:2013
Standardi staatus: Kehtetu

CWA 16562:2013
Business Interoperability Interfaces for public procurement in Europe - Post award profiles

Keel: en
Alusdokumendid: CWA 16562:2013
Standardi staatus: Kehtetu

EVS-EN 61784-3-13:2011
Industrial communication networks - Profiles - Part 3-13: Functional safety fieldbuses - Additional specifications for CPF 13

Keel: en
Alusdokumendid: IEC 61784-3-13:2010; EN 61784-3-13:2010
Asendatud järgmise dokumendiga: EVS-EN 61784-3-13:2017
Standardi staatus: Kehtetu

EVS-EN 61784-3-8:2011
Industrial communication networks - Profiles - Part 3-8: Functional safety fieldbuses - Additional specifications for CPF 8

Keel: en
Alusdokumendid: IEC 61784-3-8:2010; EN 61784-3-8:2010
Asendatud järgmise dokumendiga: EVS-EN 61784-3-8:2017
Standardi staatus: Kehtetu

EVS-EN 62056-6-1:2016
Electricity metering data exchange - The DLMS/COSEM suite - Part 6-1: Object Identification System (OBIS)

Keel: en
Alusdokumendid: IEC 62056-6-1:2015; EN 62056-6-1:2016
Asendatud järgmise dokumendiga: EVS-EN 62056-6-1:2017
Standardi staatus: Kehtetu

EVS-EN 62453-302:2009
Field device tool (FDT) interface specification - Part 302: Communication profile integration - IEC 61784 CPF 2

Keel: en
Alusdokumendid: IEC 62453-302:2009; EN 62453-302:2009
Asendatud järgmise dokumendiga: EVS-EN 62453-302:2017
Standardi staatus: Kehtetu

EVS-EN 62453-309:2009
Field device tool (FDT) interface specification - Part 309: Communication profile integration - IEC 61784 CPF 9

Keel: en
Alusdokumendid: IEC 62453-309:2009; EN 62453-309:2009
Asendatud järgmise dokumendiga: EVS-EN 62453-309:2017
Standardi staatus: Kehtetu

EVS-EN ISO 11615:2012
Meditsiiniinformaatika. Ravimite identifitseerimine. Andmeelemendid ja andmestruktuur ravimi normitud teabe üheseks identifitseerimiseks ning andmevahetuseks (ISO 11615:2012)
Health informatics - Identification of medicinal products - Data elements and structures for the unique identification and exchange of regulated medicinal product information (ISO 11615:2012)

Keel: en
Alusdokumendid: ISO 11615:2012; EN ISO 11615:2012

Asendatud järgmise dokumendiga: EVS-EN ISO 11615:2017
Standardi staatus: Kehtetu

EVS-EN ISO 11616:2012

Meditsiiniinformaatika. Ravimite identifitseerimine. Andmeelemendid ja andmestruktuur ravimpreparaadi normitud teabe üheseks identifitseerimiseks ning andmevahetuseks (ISO 11616:2012)
Health informatics - Identification of medicinal products - Data elements and structures for the unique identification and exchange of regulated pharmaceutical product information (ISO 11616:2012)

Keel: en
Alusdokumendid: ISO 11616:2012; EN ISO 11616:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 11616:2017
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 14478:2006

Raudteealased rakendused. Pidurdamine. Üldsõnavara
Railway applications - Braking - Generic vocabulary

Keel: et-en
Alusdokumendid: EN 14478:2005
Asendatud järgmise dokumendiga: EVS-EN 14478:2017
Standardi staatus: Kehtetu

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN ISO 505:2000

Conveyor belts - Method for the determination of the tear propagation resistance of textile conveyor belts

Keel: en
Alusdokumendid: ISO 505:1999; EN ISO 505:1999
Asendatud järgmise dokumendiga: EVS-EN ISO 505:2017
Standardi staatus: Kehtetu

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

CWA 16505:2012

Container Security & Tracking Devices - Technical Specifications and Communication Standards

Keel: en
Alusdokumendid: CWA 16505:2012
Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 105-B03:2000

Tekstiil. Värvipüsivuse katsetamine. Osa B03: Värvipüsivus ilmastiku toimele: Välikatse
Textiles - Tests for colour fastness - Part B03: Colour fastness to weathering: Outdoor exposure

Keel: en
Alusdokumendid: ISO 105-B03:1994; EN ISO 105-B03:1997
Asendatud järgmise dokumendiga: EVS-EN ISO 105-B03:2017
Standardi staatus: Kehtetu

65 PÕLLUMAJANDUS

EVS-EN ISO 4254-7:2009

Põllumajandusmasinad. Ohutus. Osa 7: Teraviljakombainid, sööda- ja puuvillakoristid
Agricultural machinery - Safety - Part 7: Combine harvesters, forage harvesters and cotton harvesters

Keel: en

Alusdokumendid: ISO 4254-7:2008; EN ISO 4254-7:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 4254-7:2017
Parandatud järgmise dokumendiga: EVS-EN ISO 4254-7:2009/AC:2010
Standardi staatus: Kehtetu

EVS-EN ISO 4254-7:2009/AC:2010

Põllumajandusmasinad. Ohutus. Osa 7: Teraviljakombainid, sööda- ja puuvillakoristid
Agricultural machinery - Safety - Part 7: Combine harvesters, forage harvesters and cotton harvesters

Keel: en
Alusdokumendid: ISO 4254-7:2008; EN ISO 4254-7:2009/AC:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 4254-7:2017
Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 12014-2:2000

Toiduained. Nitraadi- ja/või nitritisisalduse määramine. Osa 2: Taimedes ja taimsetes toodetes nitraadisisalduse määramine kõrgefektiivse vedelikkromatograafiaga või ioonivahetuskromatograafiaga
Foodstuffs - Determination of nitrate and/or nitrite content - Part 2:HPLC/IC method for the determination of nitrate content of vegetables and vegetable products

Keel: en
Alusdokumendid: EN 12014-2:1997
Asendatud järgmise dokumendiga: EVS-EN 12014-2:2017
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 13398:2010

Bitumen and bituminous binders - Determination of the elastic recovery of modified bitumen

Keel: en
Alusdokumendid: EN 13398:2010
Asendatud järgmise dokumendiga: EVS-EN 13398:2017
Standardi staatus: Kehtetu

EVS-EN 13399:2010

Bitumen and bituminous binders - Determination of storage stability of modified bitumen

Keel: en
Alusdokumendid: EN 13399:2010
Asendatud järgmise dokumendiga: EVS-EN 13399:2017
Standardi staatus: Kehtetu

EVS-EN ISO 4259:2006

Naftasaadused. Katsemeetoditega seoses olevate täpsusandmete määramine ja rakendamine
Petroleum products - Determination and application of precision data in relation to methods of test

Keel: en, et
Alusdokumendid: ISO 4259:2006; EN ISO 4259:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 4259-1:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 4259-2:2017
Standardi staatus: Kehtetu

77 METALLURGIA

CWA 15627:2007

Small Punch Test Method for Metallic Materials

Keel: en
Alusdokumendid: CWA 15627:2007
Standardi staatus: Kehtetu

EVS-EN 10263-5:2001
Steel rod, bars and steel wire for cold heading and cold extrusion - Part 5: Technical delivery conditions for stainless steels

Keel: en
Alusdokumendid: EN 10263-5:2001
Asendatud järgmise dokumendiga: EVS-EN 10263-5:2017
Standardi staatus: Kehtetu

EVS-EN 12681:2003
Founding - Radiographic examination

Keel: en
Alusdokumendid: EN 12681:2003
Asendatud järgmise dokumendiga: EVS-EN 12681-1:2017
Standardi staatus: Kehtetu

EVS-EN 25754:2000
Metallkeraamilised materjalid, välja arvatud kõvasulamid. Sälguta proovikeha löögiteimiks
Sintered metal materials, excluding hardmetals - Unnotched impact test piece

Keel: en
Alusdokumendid: ISO 5754:1978; EN 25754:1993
Asendatud järgmise dokumendiga: EVS-EN ISO 5754:2017
Standardi staatus: Kehtetu

EVS-EN ISO 4492:2013
Metallic powders, excluding powders for hardmetals - Determination of dimensional changes associated with compacting and sintering (ISO 4492:2013)

Keel: en
Alusdokumendid: ISO 4492:2013; EN ISO 4492:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 4492:2017
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 10093:1999
Plastid. Põlevuskatsed. Standardsed süüteallikad
Plastics - Fire tests - Standard ignition sources

Keel: en
Alusdokumendid: ISO 10093:1998; EN ISO 10093:1998
Standardi staatus: Kehtetu

EVS-EN ISO 10350-1:2008
Plastics - Acquisition and presentation of comparable single-point data - Part 1: Moulding materials

Keel: en
Alusdokumendid: ISO 10350-1:2007; EN ISO 10350-1:2008
Asendatud järgmise dokumendiga: EVS-EN ISO 10350-1:2017
Muudetud järgmise dokumendiga: EVS-EN ISO 10350-1:2008/A1:2014
Standardi staatus: Kehtetu

EVS-EN ISO 10350-1:2008/A1:2014
Plastics - Acquisition and presentation of comparable single-point data - Part 1: Moulding materials (ISO 10350-1:2007/Amd 1:2014)

Keel: en
Alusdokumendid: ISO 10350-1:2007/Amd 1:2014; EN ISO 10350-1:2008/A1:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 10350-1:2017
Standardi staatus: Kehtetu

EVS-EN ISO 22007-1:2012
Plastics - Determination of thermal conductivity and thermal diffusivity - Part 1: General principles (ISO 22007-1:2009)

Keel: en
Alusdokumendid: ISO 22007-1:2009; EN ISO 22007-1:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 22007-1:2017
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 12102:2013

Elektrikompressoritega õhu konditsioneerid, vedelikjahutusseadmed, soojuspumbad ja õhukuivatid ruumide kütteks ja jahutuseks. Õhumüra mõõtmine. Helivõimsuse taseme määramine
Air conditioners, liquid chilling packages, heat pumps and dehumidifiers with electrically driven compressors for space heating and cooling - Measurement of airborne noise - Determination of the sound power level

Keel: en
Alusdokumendid: EN 12102:2013
Asendatud järgmise dokumendiga: EVS-EN 12102-1:2017
Standardi staatus: Kehtetu

EVS-EN 13398:2010

Bitumen and bituminous binders - Determination of the elastic recovery of modified bitumen

Keel: en
Alusdokumendid: EN 13398:2010
Asendatud järgmise dokumendiga: EVS-EN 13398:2017
Standardi staatus: Kehtetu

EVS-EN 13399:2010

Bitumen and bituminous binders - Determination of storage stability of modified bitumen

Keel: en
Alusdokumendid: EN 13399:2010
Asendatud järgmise dokumendiga: EVS-EN 13399:2017
Standardi staatus: Kehtetu

EVS-EN 62056-6-1:2016

Electricity metering data exchange - The DLMS/COSEM suite - Part 6-1: Object Identification System (OBIS)

Keel: en
Alusdokumendid: IEC 62056-6-1:2015; EN 62056-6-1:2016
Asendatud järgmise dokumendiga: EVS-EN 62056-6-1:2017
Standardi staatus: Kehtetu

EVS-EN 62561-4:2011

Lightning Protection System Components (LPSC) - Part 4: Requirements for conductor fasteners

Keel: en
Alusdokumendid: IEC 62561-4:2010; EN 62561-4:2011
Asendatud järgmise dokumendiga: EVS-EN 62561-4:2017
Muudetud järgmise dokumendiga: EN 62561-4:2011/FprAA
Standardi staatus: Kehtetu

EVS-EN 62561-5:2011

Lightning Protection System Components (LPSC) - Part 5: Requirements for earth electrode inspection housings and earth electrode seals

Keel: en
Alusdokumendid: IEC 62561-5:2011; EN 62561-5:2011
Asendatud järgmise dokumendiga: EVS-EN 62561-5:2017
Standardi staatus: Kehtetu

93 RAJATISED

EVS-EN 12697-10:2002

Asfaltsegud. Kuuma asfaltsegu katsemeetodid. Osa 10: Tihendatavus
Bituminous mixtures - Test methods for hot mix asphalt - Part 10: Compactability

Keel: en, et
Alusdokumendid: EN 12697-10:2001+AC:2007
Asendatud järgmise dokumendiga: EVS-EN 12697-10:2017
Parandatud järgmise dokumendiga: EVS-EN 12697-10:2002/AC:2007
Standardi staatus: Kehtetu

EVS-EN 12697-10:2002/AC:2007

Asfaltsegud. Kuuma asfaltsegu katsemeetodid. Osa 10: Tihendatavus
Bituminous mixtures - Test methods for hot mix asphalt - Part 10: Compactibility

Keel: en
Alusdokumendid: EN 12697-10:2001/AC:2007
Asendatud järgmise dokumendiga: EVS-EN 12697-10:2017
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 14225-1:2005

Tuukriülikonnad. Osa 1: Kummiülikonnad, nõuded ja katsemeetodid
Diving suits - Part 1: Wet suits, requirements and test methods

Keel: en
Alusdokumendid: EN 14225-1:2005
Asendatud järgmise dokumendiga: EVS-EN 14225-1:2017
Standardi staatus: Kehtetu

EVS-EN 14225-2:2005

Tuukriülikonnad. Osa 2: Kuivad kummiülikonnad, nõuded ja katsemeetodid
Diving suits - Part 2: Dry suits, requirements and test methods

Keel: en
Alusdokumendid: EN 14225-2:2005
Asendatud järgmise dokumendiga: EVS-EN 14225-2:2017
Standardi staatus: Kehtetu

EVS-EN 957-10:2005

Statsionaarne treenimisvarustus. Osa 10: Fikseeritud rattaga või ilma vabakäiguta treeningrattad, täiendavad spetsiaalsed ohutusnõuded ja katsemeetodid
Stationary training equipment - Part 10: Exercise bicycles with a fixed wheel or without freewheel, additional specific safety requirements and test methods

Keel: en
Alusdokumendid: EN 957-10:2005
Asendatud järgmise dokumendiga: EVS-EN ISO 20957-10:2017
Standardi staatus: Kehtetu

EVS-EN 957-8:2000

Statsionaarne treenimisvarustus. Osa 8: Kõndimis-, trepi- ja ronimisvahendid. Täiendavad spetsiaalsed ohutusnõuded ja katsemeetodid
Stationary training equipment - Part 8: Steppers, stairclimbers and climbers - Additional specific safety requirements and test methods

Keel: en
Alusdokumendid: EN 957-8:1998
Asendatud järgmise dokumendiga: EVS-EN ISO 20957-8:2017
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

Selleks, et tagada standardite vastuvõtmine, järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardikavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (reeglina 2 kuud) 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 järgnev 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 Standardikeskuse veebilehel asuvas kommenteerimisportaalis:
https://www.evs.ee/kommenteerimisportaal/

Igakuiselt uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Standardikeskuse veebilehel avaldatavast standardimisprogrammist.

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEN ISO 12625-1
Tissue paper and tissue products - Part 1: Vocabulary (ISO/DIS 12625-1:2017)

This part of ISO 12625 establishes general principles for the use of terms in the entire working field of tissue paper and tissue products. It permits the use of a common terminology in industry and commerce. It is expressly stated that ISO 15755 applies for the detection of impurities and contraries in tissue paper and tissue products. For the determination of moisture content in tissue paper and tissue products ISO 287 applies.

Keel: en
Alusdokumendid: ISO/DIS 12625-1; prEN ISO 12625-1
Asendab dokumenti: EVS-EN ISO 12625-1:2011

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEVS-ISO 3297
Informatsioon ja dokumentatsioon. Rahvusvaheline jadaväljaande standardnumber (ISSN) Information and documentation - International standard serial number (ISSN)

Käesolevas dokumendis iseloomustatakse jadaväljaannete ja teiste pidevväljaannete ühest identifitseerimist võimaldavat standardnumbrit (ISSN) ning propageeritakse selle kasutamist. Iga rahvusvaheline jadaväljaande standardnumber (ISSN) on ühe kindla, kindlal kandjal ilmunud jadaväljaande või muu pidevväljaande ainukordne identifikaator. Standardis kirjeldatakse ka linke-ISSNi, toimemehhanismi ühe ja sama pidevväljaande eri kandjaversioonide koondamiseks ja linkimiseks. ISSN on rakendatav nii varem ilmunud, praegu ilmuvatele kui ka lähemas tulevikus ilmuma hakkavatele jadaväljaannetele ja teistele pidevväljaannetele, olenemata nende avaldamiseks või tootmiseks kasutatavast kandjast. Monograafilistel väljaannetel (raamatutel), heli- ja videosalvestistel, nooditrükistel, audiovisuaalteostel ja muusikateostel on oma nummerdussüsteemid, mistõttu selles dokumendis neid lähemalt ei käsitleta. Juhul, kui need väljaanded on osa mõnest pidevväljaandest, võivad nad peale oma standardnumbri kanda ka ISSNi. ISSNi kasutamise üksikasju käsitletakse ISSNi käsiraamatus (ISSN Manual), mis on kättesaadav käesoleva dokumendi registriametist (vt jaotis 11).

Keel: en
Alusdokumendid: ISO 3297:2017
Asendab dokumenti: EVS-ISO 3297:2008

Arvamusküsitluse lõppkuupäev: 18.02.2018

07 LOODUS- JA RAKENDUSTEADUSED

prEN 17211
Water quality - Guidance on mapping of seagrasses and macroalgae in the eulittoral zone

This document provides guidance for survey design, equipment specification, survey methods, sampling and data handling of macroalgae and marine angiosperms such as Zostera in the intertidal soft bottom environment. It does not include polyeuryhaline terrestrial angiosperms that are found in saltmarshes. Ruppia is a genus of angiosperms that can be found in brackish water. This document can also be applied to the study of Ruppia in these environments. The document comprises: - development of a mapping and sampling programme; - requirements for mapping and sampling equipment; - procedures for remote sensing data collection; - procedures for direct mapping and sampling in the field; - recommendations for taxon identification and biomass determination; - data handling.

Keel: en
Alusdokumendid: prEN 17211

Arvamusküsitluse lõppkuupäev: 18.02.2018

11 TERVISEHOOLDUS

prEN 61010-2-101:2017

Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-101: Safety requirements for in vitro diagnostic (IVD) medical equipment

This clause of Part 1 is applicable except as follows: 1.1.1 Equipment included in scope Replacement: Replace the text by the following: This part of IEC 61010 applies to equipment intended for in vitro diagnostic (IVD) medical purposes, including self-test IVD medical purposes. 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 If 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 standard, considerations have to be given to those other part 2 standards. 1.1.2 Equipment excluded from scope Addition: Add the following item: aa) Equipment in the scope of IEC 61010-2-081 unless they are specifically intended by their manufacturer to be used for in vitro diagnostic examination.

Keel: en
Alusdokumendid: IEC 61010-2-101:201X; prEN 61010-2-101:2017
Asendab dokumenti: EVS-EN 61010-2-101:2017

Arvamusküsitluse lõppkuupäev: 18.02.2018

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN 60335-2-30:2009/prAC:2017

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-30: Erinõuded ruumikütteseadmetele
Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters

Ühismuudatus standardile EN 60335-2-30:2009

Keel: en
Alusdokumendid: EN 60335-2-30:2009/prAC:2017
Muudab dokumenti: EVS-EN 60335-2-30:2010

Arvamusküsitluse lõppkuupäev: 18.02.2018

FprEN ISO 21904-3

Health and safety in welding and allied processes - Requirements, testing and marking of equipment for air filtration - Part 3: Determination of the capture efficiency of on-torch welding fume extraction devices (ISO/FDIS 21904-3:2017)

This Standard defines a laboratory method for measuring the welding fume capture efficiency of on-torch extraction systems. It is applicable to integrated on-torch systems and to systems where a discrete extraction system is attached to the welding torch close to the arc area. The methodology is suitable for use with all continuous wire welding processes, all material types and all welding parameters. The method can be used to evaluate the effects of variables such as extraction flow rate, extract nozzle position, shielding gas flow rate, welding geometry, welding torch angle, fume emission rate etc. on capture efficiency.

Keel: en
Alusdokumendid: ISO/FDIS 21904-3; FprEN ISO 21904-3

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 14972-16

Fixed firefighting systems - Water mist systems - Part 16: Test protocol for industrial oil cookers for open nozzle systems

This European Standard specifies fire testing requirements for water mist systems used for fire protection of industrial oil cookers. This does not include requirements for systems used for protection of other equipment such as exhaust air ducts, heaters, heat exchangers, and food processing and food preparation areas.

Keel: en
Alusdokumendid: prEN 14972-16

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 17204

Water quality - Guidance on analysis of mesozooplankton from marine and brackish water

This European standard specifies a procedure for analysing mesozooplankton in marine and brackish waters. The procedures comprise how to identify and enumerate zooplankton to estimate quantitative information on diversity, abundance and biomass with regard to spatial distribution and long-term temporal trends for a given body of water.

Keel: en
Alusdokumendid: prEN 17204

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 17211

Water quality - Guidance on mapping of seagrasses and macroalgae in the eulittoral zone

This document provides guidance for survey design, equipment specification, survey methods, sampling and data handling of macroalgae and marine angiosperms such as Zostera in the intertidal soft bottom environment. It does not include polyeuryhaline terrestrial angiosperms that are found in saltmarshes. Ruppia is a genus of angiosperms that can be found in brackish water. This document can also be applied to the study of Ruppia in these environments. The document comprises: - development of a mapping and sampling programme; - requirements for mapping and sampling equipment; - procedures for remote sensing data collection; - procedures for direct mapping and sampling in the field; - recommendations for taxon identification and biomass determination; - data handling.

Keel: en
Alusdokumendid: prEN 17211

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN ISO 12402-10

Personal flotation devices - Part 10: Selection and application of personal flotation devices and other relevant devices (ISO/DIS 12402-10:2017)

ISO 12402-10 gives guidance for the selection and application of personal flotation devices complying with the other relevant parts of ISO 12402 and immersion suits according to ISO 15027-1 to ISO 15027-3.

Keel: en
Alusdokumendid: ISO/DIS 12402-10; prEN ISO 12402-10
Asendab dokumenti: EVS-EN ISO 12402-10:2006

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN ISO 12402-2

Personal flotation devices - Part 2: Lifejackets, performance level 275 - Safety requirements (ISO/DIS 12402-2:2017)

ISO 12402-2 specifies the safety requirements for lifejackets, performance level 275. It applies to lifejackets for adults and children for offshore use under extreme conditions.

Keel: en
Alusdokumendid: ISO/DIS 12402-2.2; prEN ISO 12402-2
Asendab dokumenti: EVS-EN ISO 12402-2:2006

Arvamusküsitluse lõppkuupäev: 18.01.2018

prEN ISO 12402-3

Personal flotation devices - Part 3: Lifejackets, performance level 150 Safety requirements (ISO/DIS 12402-3:2017)

ISO 12402-3 specifies the safety requirements for lifejackets, performance level 150. It applies to lifejackets used by adults or children.

Keel: en
Alusdokumendid: ISO/DIS 12402-3.2; prEN ISO 12402-3
Asendab dokumenti: EVS-EN ISO 12402-3:2006

Arvamusküsitluse lõppkuupäev: 18.01.2018

prEN ISO 12402-4

Personal flotation devices - Part 4: Lifejackets, performance level 100 - Safety requirements (ISO/DIS 12402-4:2017)

ISO 12402-4 specifies the safety requirements for lifejackets, performance level 100. It applies to lifejackets used by adults or children.

Keel: en
Alusdokumendid: ISO/DIS 12402-4.2; prEN ISO 12402-4
Asendab dokumenti: EVS-EN ISO 12402-4:2006

Arvamusküsitluse lõppkuupäev: 18.01.2018

prEN ISO 12402-5

Personal flotation devices - Part 5: Buoyancy aids (level 50) - Safety requirements (ISO/DIS 12402-5:2017)

ISO 12402-5 specifies the safety requirements for buoyancy aids with a buoyancy of not less than 50 N used in sheltered waters with help and rescue close at hand under such circumstances where more bulky or buoyant devices can impair the user's activity. It applies to buoyancy aids used by adults or children. ISO 12402-5 is not applicable to one-piece suits.

Keel: en
Alusdokumendid: ISO/DIS 12402-5.2; prEN ISO 12402-5
Asendab dokumenti: EVS-EN ISO 12402-5:2006
Asendab dokumenti: EVS-EN ISO 12402-5:2006/AC:2006

Arvamusküsitluse lõppkuupäev: 18.01.2018

prEN ISO 12402-6

Personal flotation devices - Part 6: Special application lifejackets and buoyancy aids - Safety requirements and additional test methods (ISO/DIS 12402-6:2017)

ISO 12402-6 specifies the safety requirements and additional test methods for special purpose lifejackets and buoyancy aids (referred to as special purpose devices within ISO 12402-6) in combination with the requirements specified in ISO 12402-2 to ISO 12402-5. It applies to special purpose devices for adults generally and for children younger than six years partially.

Keel: en
Alusdokumendid: ISO/DIS 12402-6; prEN ISO 12402-6
Asendab dokumenti: EVS-EN ISO 12402-6:2006
Asendab dokumenti: EVS-EN ISO 12402-6:2006/A1:2010

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN ISO 12402-7

Personal flotation devices - Part 7: Materials and components - Safety requirements and test methods (ISO/DIS 12402-7:2017)

ISO 12402-7 specifies the minimum requirements for construction and performance of materials and components of personal flotation devices as well as relevant test methods.

Keel: en
Alusdokumendid: ISO/DIS 12402-7.2; prEN ISO 12402
Asendab dokumenti: EVS-EN ISO 12402-7:2006

Arvamusküsitluse lõppkuupäev: 18.01.2018

prEN ISO 12402-8

Personal flotation devices - Part 8: Accessories - Safety requirements and test methods (ISO/DIS 12402-8:2017)

ISO 12402-8 specifies the safety requirements and test methods for accessories used for personal flotation devices (PFDs), with regard to the technical provisions of the International Convention for the Safety of Life at Sea (SOLAS).

Keel: en
Alusdokumendid: ISO/DIS 12402-8.2; prEN ISO 12402-8
Asendab dokumenti: EVS-EN ISO 12402-8:2006

Arvamusküsitluse lõppkuupäev: 18.01.2018

prEN ISO 12402-9

Personal flotation devices - Part 9: Test methods (ISO/DIS 12402-9:2017)

This part of ISO 12402 specifies the test methods for personal flotation devices that shall be undertaken to comply with the requirements of parts 2 to 6 of ISO 12402

Keel: en
Alusdokumendid: ISO/DIS 12402-9.2; prEN ISO 12402-9
Asendab dokumenti: EVS-EN ISO 12402-9:2006

Arvamusküsitluse lõppkuupäev: 18.01.2018

prEN ISO 23753-1

Soil quality - Determination of dehydrogenase activity in soils - Part 1: Method using triphenyltetrazolium chloride (TTC) (ISO/DIS 23753-1:2017)

This part of ISO 23753 specifies a method for determining the activity of dehydrogenase enzymes in soil using 2,3,5-triphenyltetrazolium chloride (TTC).

Keel: en
Alusdokumendid: ISO/DIS 23753-1; prEN ISO 23753-1
Asendab dokumenti: EVS-EN ISO 23753-1:2011

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN ISO 23753-2

Soil quality - Determination of dehydrogenase activity in soils - Part 2: Method using iodotetrazolium chloride (INT) (ISO/DIS 23753-2)

This part of ISO 23753 specifies a method for determining activity of dehydrogenase in soil, using 2- (4- iodophenyl)- 3- (4- nitrophenyl)-5-phenyltetrazolium chloride (INT).[1-5] As the INT reduction is less sensitive to O2, the method is more reproducible than the TTC-method described in ISO 23753-1.

Keel: en
Alusdokumendid: ISO/DIS 23753-2; prEN ISO 23753-2
Asendab dokumenti: EVS-EN ISO 23753-2:2011

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEVS 812-3

Ehitiste tuleohutus. Osa 3: Küttesüsteemid
Fire safety of constructions - Part 3: Heating systems

See standard käsitleb ehitiste kütmiseks ja kütuse hoidmiseks ettenähtud ruumide ning küttesüsteemide tuleohutust.

Keel: et
Asendab dokumenti: EVS 812-3:2013

Arvamusküsitluse lõppkuupäev: 18.02.2018

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN ISO 9053

Acoustics - Determination of static airflow resistance (ISO/DIS 9053:2017)

This International Standard specifies a method for the determination of the static airflow resistance,[1,2] in a laminar flow regime, of porous materials for acoustical applications.

Keel: en
Alusdokumendid: ISO/DIS 9053; prEN ISO 9053
Asendab dokumenti: EVS-EN 29053:1999

Arvamusküsitluse lõppkuupäev: 18.02.2018

19 KATSETAMINE

prEN 61010-2-051:2017

Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-051: Particular requirements for laboratory equipment for mixing and stirring

This clause of Part 1 is applicable except as follows: 1.1.1 Equipment included in scope Replacement: Replace the text with the following: This part of IEC 61010 is applicable to electrically operated laboratory equipment and its accessories for mechanical mixing and stirring, where mechanical energy influences the shape or size or homogeneity of materials and their accessories. Such devices may contain heating elements. NOTE If 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 standard, consideration is to be given to those other Part 2 standards. The standard for equipment which contains heating devices is IEC 61010-2-010.

Keel: en
Alusdokumendid: IEC 61010-2-051:201X; prEN 61010-2-051:2017
Asendab dokumenti: EVS-EN 61010-2-051:2015

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 61010-2-061:2017

Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization

This clause of Part 1 is applicable except as follows: 1.1 Scope 1.1.1 Equipment included in scope Replacement: Replace the text by the following: This part of IEC 61010 applies to electrically powered laboratory atomic spectrometers with thermal atomization. NOTE 1 Examples include atomic absorption spectrometers, emission flame photometers, atomic fluorescence spectrophotometers, inductively coupled plasma spectrometers, microwave coupled plasma spectrometers and mass spectrometers, all with thermal atomization and ionization (including tubing and connectors which are provided by the manufacturer for connection to external supplies). NOTE 2 If 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 standard, consideration is to be given to those other part 2 standards.

Keel: en
Alusdokumendid: IEC 61010-2-061:201X; prEN 61010-2-061:2017
Asendab dokumenti: EVS-EN 61010-2-061:2015

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 61010-2-101:2017

Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-101: Safety requirements for in vitro diagnostic (IVD) medical equipment

This clause of Part 1 is applicable except as follows: 1.1.1 Equipment included in scope Replacement: Replace the text by the following: This part of IEC 61010 applies to equipment intended for in vitro diagnostic (IVD) medical purposes, including self-test IVD medical purposes. 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 If 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 standard, considerations have to be given to those other part 2 standards. 1.1.2 Equipment excluded from scope Addition: Add the following item: aa) Equipment in the scope of IEC 61010-2-081 unless they are specifically intended by their manufacturer to be used for in vitro diagnostic examination.

Keel: en
Alusdokumendid: IEC 61010-2-101:201X; prEN 61010-2-101:2017
Asendab dokumenti: EVS-EN 61010-2-101:2017

Arvamusküsitluse lõppkuupäev: 18.02.2018

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EN 13480-1:2017/prA1:2017

Metallist tööstustorustik. Osa 1: Üldist
Metallic industrial piping - Part 1: General

Amendment for EN 13480-1:2017 Introduction of a new Clause 7 "Accessories"

Keel: en
Alusdokumendid: EN 13480-1:2017/prA1:2017
Muudab dokumenti: EVS-EN 13480-1:2017

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 15655-1

Ductile iron pipes, fittings and accessories - Requirements and test methods for organic linings of ductile iron pipes and fittings - Part 1: Polyurethane lining of pipes and fittings

This European Standard defines the requirements and test methods applicable to factory applied internal polyurethane high duty corrosion protection of buried ductile iron pipes and fittings conforming to EN 545, EN 598 and EN 969 for use at permanent operating temperatures up to 45 °C

Keel: en
Alusdokumendid: prEN 15655-1
Asendab dokumenti: EVS-EN 15655:2009

Arvamusküsitluse lõppkuupäev: 18.01.2018

25 TOOTMISTEHNOLOOGIA

FprEN ISO 21904-3

Health and safety in welding and allied processes - Requirements, testing and marking of equipment for air filtration - Part 3: Determination of the capture efficiency of on-torch welding fume extraction devices (ISO/FDIS 21904-3:2017)

This Standard defines a laboratory method for measuring the welding fume capture efficiency of on-torch extraction systems. It is applicable to integrated on-torch systems and to systems where a discrete extraction system is attached to the welding torch close to the arc area. The methodology is suitable for use with all continuous wire welding processes, all material types and all welding parameters. The method can be used to evaluate the effects of variables such as extraction flow rate, extract nozzle position, shielding gas flow rate, welding geometry, welding torch angle, fume emission rate etc. on capture efficiency.

Keel: en
Alusdokumendid: ISO/FDIS 21904-3; FprEN ISO 21904-3

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN ISO 4531

Vitreous and porcelain enamels - Migration from enamelled ware in contact with food - Method of test and permissible limits (ISO/DIS 4531:2017)

ISO 4531 specifies a simulating method of test for determination of the release of metal-ions from enamelled ware, which are intended to come into contact with food (including drinks). ISO 4531 also specifies permissible limits for the release of metal-ions from enamelled ware, which are intended to come into contact with food (including drinks). ISO 4531 is applicable to enamelled ware, including tanks and vessels, which are intended to be used for the preparation, cooking, serving and storage of food. ISO

4531 is applicable to enamelled ware including tanks and vessels which can be used for the preparation, cooking, serving and storage of food.

Keel: en
Alusdokumendid: ISO/DIS 4531.2; prEN ISO 4531

Arvamusküsitluse lõppkuupäev: 18.01.2018

prEN ISO 8994

Anodizing of aluminium and its alloys - Rating system for the evaluation of pitting corrosion - Grid method (ISO/DIS 8994:2017)

This document specifies a grid rating system that provides a means of defining levels of performance of anodic oxidation coatings on aluminium and its alloys that have been subjected to corrosion tests. This rating system is applicable to pitting corrosion resulting from - accelerated tests, - exposure to corrosive environments, and - practical service tests. This document takes into account only pitting corrosion of the basis metal resulting from penetration of the protective anodic oxidation coating. NOTE 1 ISO 8993 describes a similar rating system based on defined chart scales. NOTE 2 The grid rating system is frequently used for rating the results of short-term corrosion tests for relatively thin anodic oxidation coating, such as those used in the automotive industry.

Keel: en
Alusdokumendid: ISO/DIS 8994; prEN ISO 8994
Asendab dokumenti: EVS-EN ISO 8994:2011

Arvamusküsitluse lõppkuupäev: 18.02.2018

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN 62962:2017

Particular requirements for load-shedding equipment (LSE)

This document applies to Load-Shedding Equipment (LSE) for household and similar uses. The load-shedding function is used in energy management systems to optimize the overall use of electrical energy including production and storage. Load-shedding can be used for example for energy efficiency purposes as per IEC 60364-8-1. This document applies to LSE for operation under normal conditions: – AC circuits with rated frequency of 50 or 60 Hz with a rated voltage not exceeding 440 V (between phases), a rated current not exceeding 125 A and a rated short circuit capacity not exceeding 25 000 A; or – DC circuits1. LSE are intended to control the energy supplied to one or more load, circuit or mesh when: – defined conditions of time and current (power) are reached; – a command by an external system is received. Note to entry : A LSE that monitors the loads based on time and power conditions is a LSE able to monitor voltage fluctuations from the network in addition to the current. Refer to definitions and relevant LSE characteristics for analogies.

Keel: en
Alusdokumendid: IEC 62962:201X; prEN 62962:2017

Arvamusküsitluse lõppkuupäev: 18.02.2018

29 ELEKTROTEHNIKA

EN 62423:2012/prAA:2017

Majapidamises ja muuks taoliseks kasutamiseks ette nähtud, tüüpidesse F ja B kuuluvad rikkevoolukaitselülitid sisseehitatud liigvoolukaitsega või ilma selleta
Type F and type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses

Ühismuudatus standardile EN 62423:2012

Keel: en
Alusdokumendid: EN 62423:2012/prAA:2017
Muudab dokumenti: EVS-EN 62423:2012

Arvamusküsitluse lõppkuupäev: 18.02.2018

EN 62560:2012/prAA:2017

Ballastseadist sisaldavad üldtarbevalgustuse valgusdioodlambid pingega üle 50 V. Ohutusnõuded
Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications

Ühismuudatus standardile EN 62560:2012

Keel: en
Alusdokumendid: EN 62560:2012/prAA:2017
Muudab dokumenti: EVS-EN 62560:2012
Muudab dokumenti: EVS-EN 62560:2012+A1:2015

Arvamusküsitluse lõppkuupäev: 18.02.2018

EN 62717:2017/prA2:2017

Üldvalgustuse leedmoodulid. Toimivus ja nõuded

LED modules for general lighting - Performance requirements

Muudatus standardile EN 62717:2017

Keel: en
Alusdokumendid: IEC 62717:2014/A2:201X; EN 62717:2017/prA2:2017
Muudab dokumenti: EVS-EN 62717:2017

Arvamusküsitluse lõppkuupäev: 18.02.2018

FprEN 62485-1:2017

Safety requirements for secondary batteries and battery installations - Part 1: General safety information

This Part of IEC 62485 specifies the basic requirements for secondary batteries and battery installations. The requirements regarding safety, reliability, life expectancy, mechanical strength, cycle stability, internal resistance, and battery temperature, are determined by various applications, and this, in turn, determines the selection of the battery design and technology. In general, the requirements and definitions are specified for lead-acid and nickel-cadmium batteries. For other battery systems with aqueous electrolyte, the requirements may be applied accordingly. The standard covers safety aspects taking into account hazards associated with: – electricity (installation, charging, discharging, etc.); – electrolyte; – inflammable gas mixtures; – storage and transportation. With respect to electrical safety, reference is made to IEC 60364-4-41.

Keel: en
Alusdokumendid: IEC 62485-1:2015; FprEN 62485-1:2017
Asendab dokumenti: EVS-EN 50272-1:2010

Arvamusküsitluse lõppkuupäev: 18.02.2018

FprEN 62485-2:2017

Safety requirements for secondary batteries and battery installations - Part 2: Stationary batteries

This part of the IEC 62485 applies to stationary secondary batteries and battery installations with a maximum voltage of DC 1 500 V (nominal) and describes the principal measures for protections against hazards generated from: – electricity, – gas emission, – electrolyte. This International Standard provides requirements on safety aspects associated with the erection, use, inspection, maintenance and disposal. It covers lead-acid and NiCd / NiMH batteries. Examples for the main applications are: – telecommunications, – power station operation, – central emergency lighting and alarm systems, – uninterruptible power supplies, – stationary engine starting, – photovoltaic systems.

Keel: en
Alusdokumendid: IEC 62485-2:2010; FprEN 62485-2:2017
Asendab dokumenti: EVS-EN 50272-2:2006

Arvamusküsitluse lõppkuupäev: 18.02.2018

FprEN 62485-4:2017

Safety requirements for secondary batteries and battery installations - Part 4: Valve-regulated lead-acid batteries for use in portable appliances

This Part of IEC 62485 applies to the safety aspects associated with the accommodation, the arrangements of circuits and the operation of secondary valve-regulated lead-acid cells and batteries in portable appliances. Requirements are specified which oblige the manufacturers of appliances and secondary batteries to prevent the misuse of batteries in the course of operation to provide protective measures avoiding injury to persons in case of battery failure and to provide sufficient information to users. This standard does not apply to secondary cells and batteries containing alkaline or other non-acid electrolytes.

Keel: en
Alusdokumendid: IEC 62485-4:2015; FprEN 62485-4:2017
Asendab dokumenti: EVS-EN 50272-4:2007

Arvamusküsitluse lõppkuupäev: 18.02.2018

FprEN 62613-1:2017

Plugs, socket-outlets and ship couplers for high-voltage shore connection systems (HVSC-Systems) - Part 1: General requirements

This part of IEC 62613 applies to accessories with • three phases (3 poles and Earth) with up to three pilot contacts, • one single pole (Neutral). These accessories have rated currents not exceeding 500 A and rated operating voltages not exceeding 12 kV 50/60 Hz. NOTE 1 In the USA, the term "Ground" is used instead of "Earth". These accessories are primarily intended for use outdoors, in a seawater environment, for the shore supply of ships (ship-to-shore connection), in an ambient temperature within the range of -25 °C to +45 °C. NOTE 2 In some countries, other ambient temperatures may prevail and may need to be taken into account. These accessories are not intended for use in hazardous areas. In such locations where special conditions prevail, additional requirements may be necessary. These accessories are intended to be connected to cables of copper or copper alloy only. Socket-outlets or ship inlets incorporated in or fixed to electrical equipment are within the scope of this standard.

Keel: en
Alusdokumendid: IEC 62613-1:2011; FprEN 62613-1:2017

Arvamusküsitluse lõppkuupäev: 18.02.2018

FprEN 62613-2:2017

Plugs, socket-outlets and ship couplers for high-voltage shore connection systems (HVSC-systems) - Part 2: Dimensional compatibility and interchangeability requirements for accessories to be used by various types of ships

This part of IEC 62613 contains standard sheets for different configurations of (shore) socketoutlets, (shore) plugs, ship connectors and ship inlets, hereinafter referred to as accessories, up to 12 kV, 500 A, 50/60 Hz and with up to seven pilot/auxiliary contacts. General requirements are given in IEC 62613-1.

Keel: en
Alusdokumendid: IEC 62613-2:2016; FprEN 62613-2:2017

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 62305-1:2017/prAA:2017

Protection against lightning - Part 1: General principles

Amendment for prEN 62305-1:2017

Keel: en
Alusdokumendid: prEN 62305-1:2017/prAA:2017
Muudab dokumenti: prEN 62305-1:2017

Arvamusküsitluse lõppkuupäev: 18.02.2018

33 SIDETEHNIKA

prEN 50679

Household and similar electrical appliances with a radio communication interface and/or a radio determination interface - Safety

This European Standard deals with the safety of appliances within the scope of EN 60335 series, having radio functions. NOTE 1 This European Standard covers the protection of health and safety of persons and of domestic animals and the protection of property as required by article 3.1(a) of Directive 2014/53/EU.

Keel: en
Alusdokumendid: prEN 50679

Arvamusküsitluse lõppkuupäev: 18.02.2018

43 MAANTEESÕIDUKITE EHITUS

prEN 16652-2

LPG equipment and accessories - Automotive LPG vehicles workshops - Part 2: Personnel competence and training

This European Standard defines the competence profiles, and establishes procedures for assessing the competence of persons who carry out the installation, repairing and maintaining of LPG systems in workshops covered in EN 16652-1. The requirements of this standard do not apply to "Car manufacturer network repairers" (see 3.9) when performing the activities of repairing, servicing and maintenance of vehicles from manufacturers for which they are authorized and duly trained.

Keel: en
Alusdokumendid: prEN 16652-2

Arvamusküsitluse lõppkuupäev: 18.02.2018

45 RAUDTEETEHNIKA

prEN 15152

Railway applications - Windscreens for trains

This European Standard specifies the functional requirements for rail vehicle windscreens, including type testing, routine testing and inspection methods. For on-track machines (OTMs) when in transport mode (self-propelled or hauled) the requirements of this standard are applicable. OTMs in working configuration are outside the scope of this standard. Determination of the size, shape, orientation and position of windscreens is outside the scope of this document. These data form part of the windscreen technical specification. This document applies to windscreens made of laminated glass, which is the most commonly used material but also to other materials, subject to the performance requirements being satisfied. This document does not specify requirements for the interfaces between the windscreen and the vehicle. Accordingly this document does not address issues relating to: structural integrity and crashworthiness.

Keel: en
Alusdokumendid: prEN 15152
Asendab dokumenti: EVS-EN 15152:2007

Arvamusküsitluse lõppkuupäev: 18.02.2018

49 LENNUNDUS JA KOSMOSETEHNIKA

FprEN 2369
Aerospace series - Wires, heat resisting alloys - Diameter 0,2 mm ≤ D ≤ 8 mm - Dimensions

This European Standard specifies the dimensions and tolerances of heat resisting alloys wire used in aerospace construction.

Keel: en
Alusdokumendid: FprEN 2369

Arvamusküsitluse lõppkuupäev: 18.02.2018

FprEN 2591-228
Aerospace series - Elements of electrical and optical connection - Test methods - Part 228: Ferrule withdrawal force

This European Standard describes the procedure to measure the withdrawal force between the ferrule of an optical contact and the resilient alignment sleeve located inside the connector. This method is suitable for use for resilient alignment sleeve qualification. It shall be used together with EN 2591-100.

Keel: en
Alusdokumendid: FprEN 2591-228

Arvamusküsitluse lõppkuupäev: 18.02.2018

FprEN 3646-006
Aerospace series - Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous - Part 006: Receptacle, hermetic, jam-nut mounting - Product standard

This European Standard defines the characteristics of hermetic jam-nut mounted receptacles in the family of bayonet coupling circular connectors, intended for use in an operating temperature range of - 65 °C to 175 °C or 200 °C continuous. It applies to models defined in Table 4. For plugs and protective covers, see EN 3646-008 and EN 3646-009 respectively.

Keel: en
Alusdokumendid: FprEN 3646-006
Asendab dokumenti: EVS-EN 3646-006:2006

Arvamusküsitluse lõppkuupäev: 18.02.2018

FprEN 3660-001
Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 001: Technical specification

This European Standard defines cable outlet accessories for use with circular and rectangular, electrical and optical connectors on aerospace equipment. These may be sealed or unsealed and include accessories suitable for the suppression of radio frequency and electromagnetic interference. This European Standard is used in conjunction with circular and rectangular electrical and optical connectors for varying temperature ranges, environmental conditions, fire resistant and non-fire resistant applications as designated in the product standards.

Keel: en
Alusdokumendid: FprEN 3660-001
Asendab dokumenti: EVS-EN 3660-001:2016

Arvamusküsitluse lõppkuupäev: 18.02.2018

FprEN 3745-411
Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 411: Resistance to fluids

This European Standard specifies two methods of determining the fluid resistance of a fibre optic interconnection device. It shall be used together with EN 3745-100 and EN 3909.

Keel: en
Alusdokumendid: FprEN 3745-411
Asendab dokumenti: EVS-EN 3745-411:2007

Arvamusküsitluse lõppkuupäev: 18.02.2018

FprEN 3745-506
Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 506: Impact resistance

This European Standard specifies a method to determine the ability of an optical fibre or cable to withstand impact under specified environmental conditions.

Keel: en
Alusdokumendid: FprEN 3745-506
Asendab dokumenti: EVS-EN 3745-506:2009

Arvamusküsitluse lõppkuupäev: 18.02.2018

FprEN 4533-001

Aerospace series - Fibre optic systems - Handbook - Part 001: Termination methods and tools

1.1 General Part 001 of EN 4533 examines the termination of optical fibre cables used in aerospace applications. Termination is the act of installing an optical terminus onto the end of a buffered fibre or fibre optic cable. It encompasses several sequential procedures or practices. Although termini will have specific termination procedures, many share common elements and these are discussed in this document. Termination is required to form an optical link between any two network or system components or to join fibre optic links together. The fibre optic terminus features a precision ferrule with a tight tolerance central bore hole to accommodate the optical fibre (suitably bonded in place and highly polished). Accurate alignment with another (mating) terminus will be provided within the interconnect (or connector) alignment mechanism. As well as single fibre ferrules, it is noted that multi-fibre ferrules exist (e.g. the MT ferrule) and these will also be discussed in this part of the handbook. Another technology used to connect 2 fibres is the expanded beam. 2 ball lenses are used to expand, collimate and then refocus the light from and to fibres. Contacts are not mated together. It helps reducing the wear between 2 contacts and allows more mating cycles. This technology is less sensitive to misalignments and dust. Losses are remaining more stable than butt joint contact even if the nominal loss is higher. A Note on Terminology Current terminology in the aerospace fibre optics community refers to an optical terminus or termini. The term optical contact may be seen in some documents and has a similar meaning. However, the term contact is now generally reserved for electrical interconnection pins. The optical terminus (or termini) is housed within an interconnect (connector is an equivalent term). Interconnects can be single-way or multi-way. The interconnect or connector will generally house the alignment mechanism for the optical termini (usually a precision split-C sleeve made of ceramic or metal). The reader should be aware of these different terms. An optical link can be classified as a length of fibre optic cable terminated at both ends with fibre optic termini. The optical link provides the transmission line between any two components via the optical termini which are typically housed within an interconnecting device (typically a connector) with tight tolerancing within the alignment mechanisms to ensure a low loss light transmission. Part 001 will explain the need for high integrity terminations, provide an insight into component selection issues and suggests best practice when terminating fibres into termini for high integrity applications. A detailed review of the termination process can be found in section 4 of this part and is organised in line with the sequence of a typical termination procedure. The vast number of cable constructions and connectors available make defining a single termination instruction that is applicable to all combinations very difficult. Therefore, this handbook concentrates on the common features of most termination practices and defining best practice for current to near future applications of fibre optics on aircraft. This has limited the studies within this part to currently available 'avionic' silica fibre cables and adhesive filled butt-coupled type connectors. Many of the principles described however would still be applicable for other termination techniques. Other types of termination are considered further in the repair part of this handbook. It is noted that the adhesive based pot-and-polish process is applicable to the majority of single-way fibre optic interconnects connectors and termini for multi-way interconnects and connectors. They share this commonality. 1.2 Need to high integrity terminations (...)

Keel: en
Alusdokumendid: FprEN 4533-001
Asendab dokumenti: EVS-EN 4533-001:2006

Arvamusküsitluse lõppkuupäev: 18.02.2018

FprEN 4611-005

Aerospace series - Cables, electrical, for general purpose, single and multicore assembly - XLETFE Family - Part 005: Silver plated copper - Operating temperatures between -65 °C and 150 °C - Single extruded wall for enclosed applications - UV laser printable - Product standard

This European Standard specifies the characteristics of UV laser printable, silver plated copper conductor electrical cables Crosslinked Ethylene Tetra Fluoro Ethylene co-polymer (XLETFE) family for use in the on-board electrical systems of aircraft operating at temperatures between - 65 °C and 150 °C. The voltage rating is 600 V rms at sea level. This insulation system has been used in aerospace applications using 115 V ac (phase-to-neutral) 400 Hz and 28 V dc. Verification of the suitability of cables for use in other electrical systems is the responsibility of the user. These cables are only suitable for airframe use with additional protection against mechanical abuse. In case of conflict between this standard and other referenced documents the requirements of this standard shall take precedence.

Keel: en
Alusdokumendid: FprEN 4611-005
Asendab dokumenti: EVS-EN 4611-005:2012

Arvamusküsitluse lõppkuupäev: 18.02.2018

FprEN 4611-006

Aerospace series - Cables, electrical, for general purpose, single and multicore assembly - XLETFE Family - Part 006: Silver plated copper Operating temperatures, between -65 °C and 150 °C - Dual extruded wall for open applications - UV laser printable - Product standard

This European Standard specifies the characteristics of UV laser printable, silver plated copper conductor electrical cables Crosslinked Ethylene Tetra Fluoro Ethylene co-polymer (XLETFE) family for use in the on-board electrical systems of aircraft operating at temperatures between - 65 °C and 150 °C. The voltage rating is 600 V rms at sea level. This insulation system has been used in aerospace applications using 115 V ac (phase-to-neutral) 400 Hz and 28 V dc. Verification of the suitability of cables for use in other electrical systems is the responsibility of the user. These cables are suitable for airframe use. In case of conflict between this standard and other referenced documents the requirements of this standard shall take precedence.

Keel: en
Alusdokumendid: FprEN 4611-006
Asendab dokumenti: EVS-EN 4611-006:2012

Arvamusküsitluse lõppkuupäev: 18.02.2018

FprEN 4611-007

Aerospace series - Cables, electrical, for general purpose, single and multicore assembly - XLETFE Family - Part 007: Nickel plated copper - Operating temperatures, between -65 °C and 150 °C - Dual extruded wall for open applications - UV laser printable - Product standard

This European Standard specifies the characteristics of UV laser printable, nickel plated copper conductor electrical cables Crosslinked Ethylene Tetra Fluoro Ethylene co-polymer (XLETFE) family for use in the on-board electrical systems of aircraft operating at temperatures between - 65 °C and 150 °C. The voltage rating is 600 V rms at sea level. This insulation system has been used in aerospace applications using 115 V ac (phase-to-neutral) 400 Hz and 28 V dc. Verification of the suitability of cables for use in other electrical systems is the responsibility of the user. These cables are suitable for airframe use. In case of conflict between this standard and other referenced documents the requirements of this standard shall take precedence.

Keel: en
Alusdokumendid: FprEN 4611-007
Asendab dokumenti: EVS-EN 4611-007:2012

Arvamusküsitluse lõppkuupäev: 18.02.2018

FprEN 4641-001

Aerospace series - Cables, optical, 125 µm diameter cladding - Part 001: Technical specification

This European Standard specifies the general characteristics, conditions for qualification, acceptance and quality assurance, as well as the test methods and groups for fibre optic cables with a cladding of 125 µm outside diameter.

Keel: en
Alusdokumendid: FprEN 4641-001
Asendab dokumenti: EVS-EN 4641-001:2009

Arvamusküsitluse lõppkuupäev: 18.02.2018

53 TÕSTE- JA TEISALDUS-SEADMED

EN 13001-3-5:2016/prA1

Kraanad. Üldine ehitus. Osa 3-5: Sepistatud konksude piirseisundid ja kõlblikkuse tõendamine
Cranes - General design - Part 3-5: Limit states and proof of competence of forged hooks

This European Standard is to be used together with EN 13001-1 and EN 13001-2 and, as such, they specify general conditions, requirements and methods to prevent by design and theoretical verification, mechanical hazards in crane hooks. This European Standard covers the following parts of hooks and types of hooks: - bodies of any type of hooks made of steel forgings; - machined shanks of hooks with a thread/nut suspension. Principles of this European Standard can be applied to machined shanks of hooks in general. However, stress concentration factors relevant to designs not given in this standard would have to be determined and applied. NOTE 1 Cast hooks and plate hooks, which are those, assembled of one or several parallel parts of rolled steel plates, are not covered in this European Standard. The following is a list of significant hazardous situations and hazardous events that could result in risks to persons during normal use and foreseeable misuse. Clauses 4 to 8 of this document are necessary to reduce or eliminate the risks associated with the following hazards: a) exceeding the limits of strength (yield, ultimate, fatigue); b) exceeding temperature limits of material. The requirements of this European Standard are stated in the main body of the document and are applicable to forged hook designs in general. The commonly used hook body and shank designs listed in Annexes A, B and F are only examples and should not be referred to as requirements of this European Standard. Annex I gives guidance for the selection of a hook size, where a hook body is in accordance with Annex A or B. The selection of hook form is not limited to those shown in Annexes A and B. This European Standard is applicable to cranes, which are manufactured after the date of approval of this European Standard by CEN, and serves as a reference base for product standards of particular crane types. NOTE 2 This part of EN 13001 deals only with the limit state method in accordance with EN 13001-1.

Keel: en
Alusdokumendid: EN 13001-3-5:2016/prA1
Muudab dokumenti: EVS-EN 13001-3-5:2016

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN ISO 24134

Industrial trucks - Additional requirements for automated functions on trucks (ISO 24134:2006)

ISO 24134:2006 specifies the safety requirements for controls and control systems for the following automated functions of industrial trucks: steering (excluding direct mechanical guidance); travel; lifting and lowering operations; load manipulations, e.g. rotation, reach, slewing, tilting, clamping; combination and/or sequence of these movements. ISO 24134:2006 is intended for use in conjunction with one or more of the applicable parts of ISO 3691. It is not applicable to, and does not include, requirements for the following: safety equipment (e.g. devices for height limitation, speed limitation) used to override driver control; operation in severe conditions (e.g. extreme climates, freezer applications, strong magnetic fields); operation in environments subject to special rules (e.g. potentially explosive atmospheres); electromagnetic compatibility; transportation of passengers; handling of loads, the nature of which could lead to dangerous situations (e.g. molten metals, acids/bases, radiating materials). Limitations in the scopes of the applicable parts of ISO 3691 also apply to ISO 24134:2006.

Keel: en
Alusdokumendid: ISO 24134:2006; prEN ISO 24134

Asendab dokumenti: EVS-EN 1526:1999+A1:2008

Arvamusküsitluse lõppkuupäev: 18.02.2018

67 TOIDUAINETE TEHNOLOOGIA

prEN 17203

Foodstuffs - Determination of citrinin in food by liquid chromatography tandem mass spectrometry (LC-MS/MS)

This European Standard describes a procedure for the determination of the citrinin content in food (cereals, red rice), herbs and food supplements by liquid chromatography tandem mass spectrometry (LC-MS/MS). This method has been validated for red yeast rice in the range of 2,5 µg/kg to 3000 µg/kg and for wheat flour in the range of 2,5 µg/kg to 100 µg/kg. Laboratory experiences have shown that this method is also applied to white rice, herbs such as a powder of ginkgo biloba leaves and the formulated food supplements.

Keel: en
Alusdokumendid: prEN 17203

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN ISO 4531

Vitreous and porcelain enamels - Migration from enamelled ware in contact with food - Method of test and permissible limits (ISO/DIS 4531:2017)

ISO 4531 specifies a simulating method of test for determination of the release of metal-ions from enamelled ware, which are intended to come into contact with food (including drinks). ISO 4531 also specifies permissible limits for the release of metal-ions from enamelled ware, which are intended to come into contact with food (including drinks). ISO 4531 is applicable to enamelled ware, including tanks and vessels, which are intended to be used for the preparation, cooking, serving and storage of food. ISO 4531 is applicable to enamelled ware including tanks and vessels which can be used for the preparation, cooking, serving and storage of food.

Keel: en
Alusdokumendid: ISO/DIS 4531.2; prEN ISO 4531

Arvamusküsitluse lõppkuupäev: 18.01.2018

prEN ISO 9167

Rapeseed - Determination of glucosinolates content - Method using high-performance liquid chromatography (ISO/DIS 9167/2017)

This International Standard specifies a method for the determination of the individual glucosinolates content in rapeseeds and rapeseed meals using high-performance liquid chromatography with gradient elution. Note 1: This method does not determine glucosinolates which are substituted on the glucose molecule, but these compounds are of little importance in commercial rapeseed. Note 2: This method was tested on rapeseeds and rapeseed meals (Brassica rapa, Brassica napus, and Brassica juncea) but is applicable to other plant materials on condition that the occurring glucosinolates previously identified are described in this standard. On the contrary, the quantitative analysis of the concerned glucosinolate(s) will not be carried out. Note 3: The analysis of glucosinolates content in rapeseed could also be done using an isocratic elution mode. This requires some modifications of the method (internal, standard, HPLC column and HPLC buffers) which is described in the informative Annex D at the end of this document.

Keel: en
Alusdokumendid: ISO/DIS 9167; prEN ISO 9167
Asendab dokumenti: EVS-EN ISO 9167-1:2000
Asendab dokumenti: EVS-EN ISO 9167-1:2000/A1:2013

Arvamusküsitluse lõppkuupäev: 18.02.2018

71 KEEMILINE TEHNOLOOGIA

prEN 61010-2-051:2017

Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-051: Particular requirements for laboratory equipment for mixing and stirring

This clause of Part 1 is applicable except as follows: 1.1.1 Equipment included in scope Replacement: Replace the text with the following: This part of IEC 61010 is applicable to electrically operated laboratory equipment and its accessories for mechanical mixing and stirring, where mechanical energy influences the shape or size or homogeneity of materials and their accessories. Such devices may contain heating elements. NOTE If 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 standard, consideration is to be given to those other Part 2 standards. The standard for equipment which contains heating devices is IEC 61010-2-010.

Keel: en
Alusdokumendid: IEC 61010-2-051:201X; prEN 61010-2-051:2017
Asendab dokumenti: EVS-EN 61010-2-051:2015

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 61010-2-061:2017

Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization

This clause of Part 1 is applicable except as follows: 1.1 Scope 1.1.1 Equipment included in scope Replacement: Replace the text by the following: This part of IEC 61010 applies to electrically powered laboratory atomic spectrometers with thermal atomization. NOTE 1 Examples include atomic absorption spectrometers, emission flame photometers, atomic fluorescence spectrophotometers, inductively coupled plasma spectrometers, microwave coupled plasma spectrometers and mass spectrometers, all with thermal atomization and ionization (including tubing and connectors which are provided by the manufacturer for connection to external supplies). NOTE 2 If 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 standard, consideration is to be given to those other part 2 standards.

Keel: en
Alusdokumendid: IEC 61010-2-061:201X; prEN 61010-2-061:2017
Asendab dokumenti: EVS-EN 61010-2-061:2015

Arvamusküsitluse lõppkuupäev: 18.02.2018

75 NAFTA JA NAFTATEHNOLOOGIA

prEN ISO 19345-2

Petroleum and natural gas industry - Pipeline transportation systems - Pipeline integrity management specification - Part 2: Full-life cycle integritymanagement for offshore pipeline (ISO/DIS 19345-2:2017)

This document specifies requirements and gives recommendations on integrity management of pipeline during the design, construction, commission, operation, maintenance and abandonment. It applies to offshore pipeline for transporting petroleum and natural gas. This document applies to rigid pipelines. It is not applicable for flexible pipelines, dynamic risers or those constructed from other materials, such as glass-reinforced plastics. An offshore pipeline system extends to: The first valve, flange or connection above water on platform or subsea mechanical connector with dynamic riser. The connection point to the offshore installation (i.e. piping manifolds are not included). The first valve, flange, connection or isolation joint at a landfall unless otherwise specified by the onshore legislation. The components mentioned above (valve, flange, connection, isolation joint) include also any pup pieces, i.e. the offshore pipeline system extends to the weld beyond the pup piece. Offshore pipelines are defined as pipelines that use universally recognized offshore pipeline construction techniques.

Keel: en
Alusdokumendid: ISO/DIS 19345-2; prEN ISO 19345-2

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN ISO 19904-1

Petroleum and natural gas industries - Floating offshore structures - Part 1: Ship-shaped, semi-submersible, spar and shallow-draught cylindrical structures (ISO/DIS 19904-1:2017)

This document provides requirements and guidance for the structural design and/or assessment of floating offshore platforms used by the petroleum and natural gas industries to support the following functions: - production; - storage and/or offloading; - drilling and production; - production, storage and offloading; - drilling, production, storage and offloading. NOTE 1 Floating offshore platforms are often referred to using a variety of abbreviations, e.g. FPS, FSU, FPSO, etc. (see Clauses 3 and 4), in accordance with their intended mission. NOTE 2 In this document, the term “floating structure”, sometimes shortened to “structure”, is used as a generic term to indicate the structural systems of any member of the classes of platforms defined above. NOTE 3 In some cases, floating platforms are designated as “early production platforms”. This term relates merely to an asset development strategy. For the purposes of this document, the term “production” includes “early production”. This document is not applicable to the structural systems of mobile offshore units (MOUs). These include, among others: - floating structures intended primarily to perform drilling and/or well intervention operations (often referred to as MODUs), even when used for extended well test operations; - floating structures used for offshore construction operations (e.g. crane barges or pipelay barges), for temporary or permanent offshore living quarters (floatels), or for transport of equipment or products (e.g. transportation barges, cargo barges), for which structures reference is made to relevant recognized classification society (RCS) rules.

Keel: en
Alusdokumendid: ISO/DIS 19904-1; prEN ISO 19904-1
Asendab dokumenti: EVS-EN ISO 19904-1:2006

Arvamusküsitluse lõppkuupäev: 18.02.2018

77 METALLURGIA

EN 14195:2014/prA1

Kipsplaatkonstruktsioonide metallprofiilid. Määratlused, nõuded ja katsemeetodid
Metal framing components for gypsum board systems - Definitions, requirements and test methods

This European Standard specifies the characteristics of metal framing components (e.g. profiles, hangers and connectors) intended to be used in building construction works in conjunction with gypsum boards manufactured according to EN 520, EN

15283 1 and EN 15283 2 and gypsum board products from reprocessing conforming to EN 14190 where the assembly is non-loadbearing. Such assemblies include, for example, partitions, wall and ceiling linings, ceilings with mechanically fixed boards and the cladding of beams, columns, ducts and shafts. It covers the following performance characteristics: reaction to fire, flexural (yield) strength and loadbearing capacity of suspension components to be measured according to the relevant test methods as specified or cited in this European Standard.

Keel: en
Alusdokumendid: EN 14195:2014/prA1
Muudab dokumenti: EVS-EN 14195:2015

Arvamusküsitluse lõppkuupäev: 18.02.2018

EN 485-2:2016/prA1

Aluminium and aluminium alloys - Sheet, strip and plate - Part 2: Mechanical properties

This European Standard specifies the mechanical properties of wrought aluminium and wrought aluminium alloy sheet, strip and plate for general engineering applications. It does not apply to semi-finished rolled products in coiled form to be subjected to further rolling (reroll stock) or to special products such as corrugated, embossed, painted, sheets and strips or to special applications such as aerospace, can stock, finstock, for which mechanical properties are specified in separate European Standards. The chemical composition limits of the alloys are specified in EN 573-3. Temper designations are defined in EN 515.

Keel: en
Alusdokumendid: EN 485-2:2016/prA1
Muudab dokumenti: EVS-EN 485-2:2016

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 10225-4

Weldable structural steels for fixed offshore structures - Technical delivery conditions - Part 4: Cold formed welded hollow sections

This part of EN 10225 specifies requirements for submerged arc welded (SAW) and high frequency welded (HFW) cold formed hollow sections to be used in the fabrication of fixed offshore structures. The thickness limit for SAWL round hollow sections is up to and including 50,8 mm, for HFW round hollow sections up to and including 25,4 mm and for HFW rectangular hollow sections up to and including 12,5 mm. Greater thicknesses for SAWL hollow sections may be agreed provided the technical requirements of this European Standard are maintained. NOTE 1 There is an Annex E about SAWH round hollow sections with thickness limit of 30,0 mm and an Annex F about high strength rectangular HFW hollow sections steel grades S550 to S700 for further information please refer to it. The standard is applicable to steels for offshore structures, designed to operate in the offshore sector but not to steels supplied for the fabrication of subsea pipelines, risers, process equipment, process piping and other utilities. It is primarily applicable to the North Sea Sector, but may also be applicable in other areas provided that due consideration is given to local conditions e. g. temperature. NOTE 2 There is an Annex G on the prequalification of steels for fixed offshore structures in arctic areas. Minimum yield strengths up to 690 MPa are specified together with low temperature impact properties at temperatures down to -40 °C.

Keel: en
Alusdokumendid: prEN 10225-4
Asendab dokumenti: EVS-EN 10225:2009

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN ISO 6892-2

Metallic materials - Tensile testing - Part 2: Method of test at elevated temperature (ISO/FDIS 6892-2:2017)

This document specifies a method of tensile testing of metallic materials at temperatures higher than room temperature.

Keel: en
Alusdokumendid: ISO/FDIS 6892-2; prEN ISO 6892-2
Asendab dokumenti: EVS-EN ISO 6892-2:2011

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN ISO 8994

Anodizing of aluminium and its alloys - Rating system for the evaluation of pitting corrosion - Grid method (ISO/DIS 8994:2017)

This document specifies a grid rating system that provides a means of defining levels of performance of anodic oxidation coatings on aluminium and its alloys that have been subjected to corrosion tests. This rating system is applicable to pitting corrosion resulting from - accelerated tests, - exposure to corrosive environments, and - practical service tests. This document takes into account only pitting corrosion of the basis metal resulting from penetration of the protective anodic oxidation coating. NOTE 1 ISO 8993 describes a similar rating system based on defined chart scales. NOTE 2 The grid rating system is frequently used for rating the results of short-term corrosion tests for relatively thin anodic oxidation coating, such as those used in the automotive industry.

Keel: en
Alusdokumendid: ISO/DIS 8994; prEN ISO 8994
Asendab dokumenti: EVS-EN ISO 8994:2011

Arvamusküsitluse lõppkuupäev: 18.02.2018

83 KUMMI- JA PLASTITÖÖSTUS

prEN 513

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

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

Keel: en
Alusdokumendid: prEN 513
Asendab dokumenti: EVS-EN 513:2000

Arvamusküsitluse lõppkuupäev: 18.02.2018

85 PABERITEHNOLOOGIA

prEN ISO 12625-1

Tissue paper and tissue products - Part 1: Vocabulary (ISO/DIS 12625-1:2017)

This part of ISO 12625 establishes general principles for the use of terms in the entire working field of tissue paper and tissue products. It permits the use of a common terminology in industry and commerce. It is expressly stated that ISO 15755 applies for the detection of impurities and contraries in tissue paper and tissue products. For the determination of moisture content in tissue paper and tissue products ISO 287 applies.

Keel: en
Alusdokumendid: ISO/DIS 12625-1; prEN ISO 12625-1
Asendab dokumenti: EVS-EN ISO 12625-1:2011

Arvamusküsitluse lõppkuupäev: 18.02.2018

91 EHITUSMATERJALID JA EHITUS

EN 14195:2014/prA1

Kipsplaatkonstruktsioonide metallprofiilid. Määratlused, nõuded ja katsemeetodid
Metal framing components for gypsum board systems - Definitions, requirements and test methods

This European Standard specifies the characteristics of metal framing components (e.g. profiles, hangers and connectors) intended to be used in building construction works in conjunction with gypsum boards manufactured according to EN 520, EN 15283 1 and EN 15283 2 and gypsum board products from reprocessing conforming to EN 14190 where the assembly is non-loadbearing. Such assemblies include, for example, partitions, wall and ceiling linings, ceilings with mechanically fixed boards and the cladding of beams, columns, ducts and shafts. It covers the following performance characteristics: reaction to fire, flexural (yield) strength and loadbearing capacity of suspension components to be measured according to the relevant test methods as specified or cited in this European Standard.

Keel: en
Alusdokumendid: EN 14195:2014/prA1
Muudab dokumenti: EVS-EN 14195:2015

Arvamusküsitluse lõppkuupäev: 18.02.2018

EN 16475-3:2016/prA1

Korstnad. Tarvikud. Osa 3: Tõmberegulaatorid, seisakuaja avamisseadmed ja kombineeritud sekundaarõhu seadmed. Nõuded ja katsemeetodid
Chimneys - Accessories - Part 3: Draught regulators, standstill opening devices and combined secondary air devices - Requirements and test methods

This European standard specifies the requirements and test methods for draught regulators and standstill opening devices that are used as components, carrying flue gases, in order to limit the draught in chimneys and provide secondary air to the chimney. Draught regulators and standstill opening devices for positive pressure chimneys are not covered by this standard. It also specifies the requirements for marking, manufacturers' instruction, product information and evaluation of conformity.

Keel: en
Alusdokumendid: EN 16475-3:2016/prA1
Muudab dokumenti: EVS-EN 16475-3:2016

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 1527

Building hardware - Hardware for sliding doors and folding doors - Requirements and test methods

This European Standard specifies requirements for the manual design system sliding doors, sliding corner doors and folding doors of the bi-fold type and multi-panel folding doors but excluding doors and panels. Cycle tests, static load, initial friction and corrosion resistance tests are included for fittings and track only. This document covers door gear for all industrial, commercial and residential sliding doors and folding doors. This document does not cover the rollers for horizontal sliding and hardware for inward or outward sliding folding windows (types N Q, R and S) in accordance with EN 13126-15, hardware for Lift and Slide windows (type P) in accordance with EN 13126-16 and hardware for Tilt and Slide windows (type T) in accordance with EN 13126-17.

Keel: en
Alusdokumendid: prEN 1527
Asendab dokumenti: EVS-EN 1527:2013

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 17192

Ductwork - Non-metallic ductwork - Requirements and test methods

This European Standard defines the test methods and performance characteristics for rigid or semi-rigid non-metallic ductwork which are used for ventilation and air conditioning of buildings. This standard does not include flexible ducts such as textile liners, spiral ductwork or others which are handled in EN 13180 or ductwork made from insulation duct board handled in EN 13403. Requirements for the air tightness of the ventilation system for non-residential buildings are given in EN 16798 3. For residential buildings, it is essential to apply national rules. The standard is developed to test rigid or semi-rigid ventilation ducts and their components under laboratory conditions. It is essential to perform tests on site in accordance with EN 12599. The test methods and performance characteristics are valid for ventilation ducts with circular, rectangular or other cross sections. This standard covers non-fire rated and fire rated ductwork. It is essential to also test fire rated ventilation ductwork in accordance with EN 1366-1.

Keel: en
Alusdokumendid: prEN 17192

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 17193

Clay blocks for floor plates

This European Standard specifies the characteristics and performance requirements for non-loadbearing (low non-resisting or non-resisting) or loadbearing (semi-resisting or resisting) clay blocks for the use in floor plates. It defines the performance related to e.g. dimensional tolerances, strength, density measured according to the corresponding test methods contained in separate European Standards. It provides for the assessment and verification of constancy of performance (AVCP) of the product to this European Standard. This European Standard does not cover requirements for clay blocks foreseen for beam-and-block floor systems.

Keel: en
Alusdokumendid: prEN 17193

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 62305-1:2017/prAA:2017

Protection against lightning - Part 1: General principles

Amendment for prEN 62305-1:2017

Keel: en
Alusdokumendid: prEN 62305-1:2017/prAA:2017
Muudab dokumenti: prEN 62305-1:2017

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 62962:2017

Particular requirements for load-shedding equipment (LSE)

This document applies to Load-Shedding Equipment (LSE) for household and similar uses. The load-shedding function is used in energy management systems to optimize the overall use of electrical energy including production and storage. Load-shedding can be used for example for energy efficiency purposes as per IEC 60364-8-1. This document applies to LSE for operation under normal conditions: – AC circuits with rated frequency of 50 or 60 Hz with a rated voltage not exceeding 440 V (between phases), a rated current not exceeding 125 A and a rated short circuit capacity not exceeding 25 000 A; or – DC circuits1. LSE are intended to control the energy supplied to one or more load, circuit or mesh when: – defined conditions of time and current (power) are reached; – a command by an external system is received. Note to entry : A LSE that monitors the loads based on time and power conditions is a LSE able to monitor voltage fluctuations from the network in addition to the current. Refer to definitions and relevant LSE characteristics for analogies.

Keel: en
Alusdokumendid: IEC 62962:201X; prEN 62962:2017

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEVS 812-3

Ehitiste tuleohutus. Osa 3: Küttesüsteemid
Fire safety of constructions - Part 3: Heating systems

See standard käsitleb ehitiste kütmiseks ja kütuse hoidmiseks ettenähtud ruumide ning küttesüsteemide tuleohutust.

Keel: et
Asendab dokumenti: EVS 812-3:2013

Arvamusküsitluse lõppkuupäev: 18.02.2018

93 RAJATISED

prEN 12697-31
Bituminous mixtures - Test methods - Part 31: Specimen preparation by gyratory compactor

This European Standard specifies the method for compaction of cylindrical specimens of bituminous mixtures using a gyratory compactor. Such compaction is achieved by combining a rotary shearing action and a vertical resultant force applied by a mechanical head. The method is used for: - determination of the air voids content of a mixture for a given number of gyrations or derivation of a curve density (or void content) versus number of gyrations; - preparation of specimens of given height and/or at a predetermined density, for subsequent testing of their mechanical properties. Annex A, Annex B and/or Annex C describe method of complying for the equipment This European Standard applies to bituminous mixtures (both those made up in laboratory and those resulting from work site sampling), with an upper aggregate size not larger than 31,5 mm.

Keel: en
Alusdokumendid: prEN 12697-31
Asendab dokumenti: EVS-EN 12697-31:2007

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 12697-32
Bituminous mixtures - Test methods - Part 32: Laboratory compaction of bituminous mixtures by vibratory compactor

This European Standard describes a test method for the preparation of bituminous test specimens using a vibratory compaction technique. This European Standard is applicable to loose mixtures and cores and is used to establish a refusal density for a bituminous mixture, or to determine the ease of compaction as described in EN 12697-10. If the mixture has been reheated, the specimen shall not be used for determining further mechanical characteristics.

Keel: en
Alusdokumendid: prEN 12697-32
Asendab dokumenti: EVS-EN 12697-32:2003+A1:2007

Arvamusküsitluse lõppkuupäev: 18.02.2018

97 OLME. MEELELAHUTUS. SPORT

EN 60335-2-30:2009/prAC:2017
Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-30: Erinõuded ruumikütteseadmetele
Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters

Ühismuudatus standardile EN 60335-2-30:2009

Keel: en
Alusdokumendid: EN 60335-2-30:2009/prAC:2017
Muudab dokumenti: EVS-EN 60335-2-30:2010

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 14960-1
Inflatable play equipment - Part 1: Safety requirements and test methods

This European Standard is applicable to inflatable play equipment intended for use by children fourteen years and under both individually and collectively. This standard specifies safety requirements for inflatable play equipment for which the primary activities are bouncing and sliding. It sets measures to address risks and also to minimize accidents to users for those involved in the design, manufacture and supply of inflatable play equipment. It specifies information to be supplied with the equipment. The requirements have been laid down bearing in mind the risk factor based on available data. This standard specifies the requirements that will protect a child from hazards that he or she may be unable to foresee when using the equipment as intended, or in a manner that can be reasonably anticipated. This standard is not applicable to inflatable water-borne play and leisure equipment, domestic inflatable toys, air-supported buildings, inflatables used solely for protection, inflatables used for rescue, or other types of inflatable toys where the primary activity is not bouncing or sliding.

Keel: en
Alusdokumendid: prEN 14960-1
Asendab dokumenti: EVS-EN 14960:2013

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 17175
Gas-fired overhead radiant strip heaters and multi-burner continuous radiant tube heater systems for non-domestic use - Safety and energy efficiency

This document specifies the requirements and test methods for the construction, safety, classification, marking and efficiency of non-domestic gas-fired overhead radiant strips heaters and multi-burner continuous radiant tube heater systems (referred to in the body of the text as the “system”) with each burner unit under the control of an automatic burner control system. For radiant strip heaters incorporating a single burner, this standard is applicable to Type B22, B23, B52, B53, C12, C13, C32, C33 C52 and C53 appliances intended for use in other than domestic dwellings, in which the supply of combustion air and/or the evacuation of the products of combustion is achieved by mechanical means. For multi-burner continuous radiant tube heater systems this standard is applicable to type B22, B52, and C52 appliances intended for use in other than domestic dwellings, in which the supply of combustion air and/or the evacuation of the products of combustion is achieved by mechanical means. This standard also includes appliances incorporating a secondary heat exchanger in the flue system. This standard is not applicable to: a) appliances designed for use in domestic dwelling; b) outdoor appliances; c) radiant strip heaters where the heat input is in excess of 300 KW (based on the net calorific value of the appropriate reference test gas); d) continuous radiant tube heater systems where the heat input of any individual burner unit is in excess of 70 kW (based on the net calorific value of the appropriate reference test gas); e) appliances having combustion products evacuation ducts that are non-metallic in the flue system – except ducts downstream of a possible additional condensing exhaust gas heat exchanger. In addition, for heater systems incorporating multiple tube heaters this standard is not applicable to: f) appliances that are designed for continuous condensation within the flue system under normal operating conditions – except downstream a possible additional exhaust gas heat exchanger. This standard is applicable to appliances which are intended to be type tested.

Keel: en
Alusdokumendid: prEN 17175
Asendab dokumenti: EVS-EN 416-1:2009
Asendab dokumenti: EVS-EN 416-2:2006
Asendab dokumenti: EVS-EN 777-4:2009

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 419

Gas-fired overhead luminous radiant heaters for non-domestic use - Safety and energy efficiency

This European Standard specifies the requirements and test methods for the construction, safety, rational use of energy, classification and marking of non-domestic gas-fired overhead luminous radiant heaters for environmental comfort, referred to in the body of the text as "appliances". This European Standard is applicable to Type A1 and Type A3 appliances only (see 4.2.2) intended for use in other than residential dwellings: a) low gas pressure appliances operating at pressures up to and including 50 mbar; b) medium gas pressure appliances operating at pressures above 50 mbar and up to 2 bar. This European Standard is not applicable to: - appliances designed for use in domestic dwellings; - outdoor appliances; - appliances of heat input in excess of 120 kW (based on the net calorific value of the appropriate reference gas); This standard is applicable to appliances which are intended to be type tested.

Keel: en
Alusdokumendid: prEN 419
Asendab dokumenti: EVS-EN 419-1:2009
Asendab dokumenti: EVS-EN 419-2:2006

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN 50679

Household and similar electrical appliances with a radio communication interface and/or a radio determination interface - Safety

This European Standard deals with the safety of appliances within the scope of EN 60335 series, having radio functions. NOTE 1 This European Standard covers the protection of health and safety of persons and of domestic animals and the protection of property as required by article 3.1(a) of Directive 2014/53/EU.

Keel: en
Alusdokumendid: prEN 50679

Arvamusküsitluse lõppkuupäev: 18.02.2018

prEN ISO 4531

Vitreous and porcelain enamels - Migration from enamelled ware in contact with food - Method of test and permissible limits (ISO/DIS 4531:2017)

ISO 4531 specifies a simulating method of test for determination of the release of metal-ions from enamelled ware, which are intended to come into contact with food (including drinks). ISO 4531 also specifies permissible limits for the release of metal-ions from enamelled ware, which are intended to come into contact with food (including drinks). ISO 4531 is applicable to enamelled ware, including tanks and vessels, which are intended to be used for the preparation, cooking, serving and storage of food. ISO 4531 is applicable to enamelled ware including tanks and vessels which can be used for the preparation, cooking, serving and storage of food.

Keel: en
Alusdokumendid: ISO/DIS 4531.2; prEN ISO 4531

Arvamusküsitluse lõppkuupäev: 18.01.2018

TÕLKED KOMMENTEERIMISEL

Selles jaotises avaldame teavet eesti keelde tõlgitavate Euroopa või rahvusvaheliste standardite ja standardilaadsete dokumentide kohta ja inglise keelde tõlgitavate algupäraste Eesti standardite ja dokumentide kohta.

Tõlgetega tutvumiseks võtta ühendust EVS-i standardiosakonnaga: standardiosakond@evs.ee, ostmiseks klienditeenindusega: standard@evs.ee.

Igakuiselt uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Standardikeskuse veebilehel avaldatavast standardimisprogrammist.

EVS-EN 378-3:2016

Külmutussüsteemid ja soojuspumbad. Ohutus- ja keskkonnanõuded. Osa 3: Paigalduskoht ja isikukaitsevahendid

Selles Euroopa standardis määratletakse nõuded isikute ja kinnisvara ohutuse tagamiseks, antakse juhiseid keskkonna kaitseks ning sätestatakse protseduurid külmutussüsteemide töö, hooldamise ja remontimise ning külmaainete kokkukogumise kohta. Mõiste „külmutussüsteem“ laieneb selles Euroopa standardis ka soojuspumpadele. See kolmas osa on kohaldatav paigalduskohale (seadmestikule vajalik ruum, teenindamine ja vajalikud isikukaitsevahendid). See standard määrab paigalduskohale esitatavad ohutusnõuded, mis võivad olla vajalikud külmutussüsteemi ja selle abikomponentide tõttu, kuid ei pruugi olla sellega otseselt seotud. See standard rakendub: a) iga suurusega statsionaarsetele või mobiilsetele külmutussüsteemidele, välja arvatud autode kliimaseadmetele, mis on hõlmatud spetsiifilise tootestandardiga, näiteks ISO 13043; b) sekundaarsetele külmutus- või soojendussüsteemidele; c) külmutussüsteemide asukohale; d) asendatud osadele ja lisatud komponentidele pärast selle standardi kasutuselevõtmist juhul, kui nende funktsioon ja võimsus ei ole samad. Süsteemid, milles kasutatakse standardi EN 378-1:2016 lisas E loetletust erinevaid külmaaineid, ei ole selle standardiga hõlmatud. See standard ei rakendu laos olevatele kaupadele. See standard ei ole rakendatav külmutussüsteemidele, mis on valmistatud enne kuupäeva, mil see standard avaldati Euroopa standardina, välja arvatud süsteemi laiendused ja modifitseerimised, mis on tehtud pärast avaldamist. See standard rakendub uutele külmutussüsteemidele, juba olemasolevate süsteemide laiendustele või modifikatsioonidele ja olemasolevatele statsionaarsetele süsteemidele, mis on üle viidud mujale ja mida seal kasutatakse. See standard on samuti rakendatav juhul, kui süsteem viiakse üle teist tüüpi külmaainele. Sel juhul tuleb hinnata vastavust standardi osade 1 kuni 4 asjakohastele peatükkidele.

Keel: et
Alusdokumendid: EN 378-3:2016

Kommenteerimise lõppkuupäev: 18.01.2018

EVS-EN ISO 12354-1:2017

Ehitusakustika. Hoonete akustilise toimivuse hindamine elementide akustilise toime põhjal. Osa 1: Ruumidevaheline õhuheli isolatsioon (ISO 12354-1:2017)

Käesolev dokument kirjeldab arvutusmeetodeid, mis on mõeldud ruumidevahelise õhuheli isolatsiooni hindamiseks hoonetes, lähtudes eelkõige mõõdistusandmetest, mis iseloomustavad osalevate ehituselementide otsest heliülekannet või kaudset külgsuunalist heliülekannet, ning teoreetiliselt tuletatud meetoditest, mis käsitlevad heli levikut ehituselementides.

Keel: et
Alusdokumendid: ISO 12354-1:2017; EN ISO 12354-1:2017

Kommenteerimise lõppkuupäev: 18.01.2018

prEN ISO 12944-7

Värvid ja lakid. Teraskonstruktsioonide korrosioonitõrje kaitsvate pinnakattesüsteemidega. Osa 7: Värvimistööde teostamine ja järelevalve

See osa standardist ISO 12944 tegeleb teraskonstruktsioonide värvimistööde teostamise ja järelevalvega töökojas / tehases või ehitusplatsil. See osa standardist ISO 12944 ei kohaldu: -värvitavate pindade ettevalmistamisele (vt ISO 12944-4) ega sellise töö järelevalvele; -metallkatete pealekandmisele; -eeltöötlusmeetoditele nagu fosfaatimine ja kromaatimine ega värvi pealekandmise meetoditele nagu sisse kastmine, pulber- või rullis katmine.

Keel: et
Alusdokumendid: ISO/DIS 12944-7; prEN ISO 12944-7

Kommenteerimise lõppkuupäev: 18.01.2018

prEN ISO 12944-8

Värvid ja lakid. Teraskonstruktsioonide korrosioonitõrje kaitsvate pinnakattesüsteemidega. Osa 8: Kirjelduste väljatöötamine uute tööde ja hoolduse jaoks

See ISO 12944 osa käsitleb spetsifikatsioonide loomist teraskonstruktsioonide korrosioonitõrjeks kaitsvate värvkattesüsteemidega. See puudutab uut tööd ja hooldust töökojas või ehitusplatsil ja see kehtib ka individuaalsete komponentide korrosioonitõrjele. See ISO 12944 osa käsitleb keskkonnast, näiteks siseruumist, värskest õhust ja sukeldamisest või pinnasesse matmisest tingitud erinevatest korrosioonisurvetest, ja ka näiteks keskmisest või kõrgemast temperatuurist tingitud eriliste korrosioonisurvete all olevate teraskonstruktsioonide korrosioonitõrjet. Kaalutakse vajadust erinevate kestvusvahemike järgi. See ISO 12944 hõlmab ka kuumsukelgalvaanitud, metalliga pihustatud, tsinkgalvaanitud või kuivtsingitud ja eelnevalt värvitud teraspindu. Lisas B käsitletakse võrdlusalasid, et hinnata korrosioonitõrjetöö kvaliteeti ja kaitsvate värvkattesüsteemide toimivust. Lisad C ja D sisaldavad üksikasjalikke töövooskeeme, mille alusel kavandatakse uut tööd ja hooldamist, mida tuleks arvestada spetsifikatsiooni kirjutamisel. Kui esineb äärmuslikku korrosioonisurvet või kõrgeid temperatuure või, kui kaitsvaid

värvkattesüsteeme kasutatakse muudel substraatidel, näiteks värvilistel metallidel või betoonidel, siis spetsifikatsioonide loomisel tuleb nendega arvestada. ISO 12944 seda osa võib kasutada sellistel juhtudel ka suunisena.

Keel: et
Alusdokumendid: ISO/DIS 12944-8; prEN ISO 12944-8

Kommenteerimise lõppkuupäev: 18.01.2018

prEVS-ISO 37001

Altkäemaksuvastased juhtimissüsteemid. Nõuded koos kasutusjuhistega

Käesolev dokument täpsustab nõudeid ja juhendab altkäemaksuvastase juhtimissüsteemi välja töötamiseks, rakendamiseks, toimivana hoidmiseks, läbivaatamiseks ja parendamiseks. Süsteem võib olla eraldiseisev või integreeritud üldisesse juhtimissüsteemi. Käesolevas dokumendis käsitletakse organisatsiooni tegevust järgmistes aspektides: -altkäemaks avalikes, era- ja mittetulundussektorites; -altkäemaks organisatsiooni töötajate poolt, kes tegutsevad organisatsiooni nimel või selle kasuks; -altkäemaks organisatsiooni äripartnerite poolt, kes tegutsevad organisatsiooni nimel või selle kasuks; -organisatsioonile antav altkäemaks; -organisatsiooni töötajatele antav altkäemaks seoses organisatsiooni tegevusega; -organisatsiooni äripartneritele antav altkäemaks seoses organisatsiooni tegevusega; -otsene ja kaudne altkäemaks (nt altkäemaks, mida pakutakse või aktsepteeritakse kolmanda isiku kaudu või kolmanda isiku poolt). See dokument kehtib ainult altkäemaksu kohta. See esitab nõuded ja annab juhised juhtimissüsteemi osas, mille eesmärk on aidata organisatsioonil altkäemaksu ennetada, tuvastada ja juhtumitele reageerida ning olla vastavuses altkäemaksuvastaste seaduste ja vabatahtlike kohustuste võtmisega nende tegevuste suhtes. Käesolev dokument ei käsitle konkreetselt pettusi, kartelle ja muid konkurentsivastaseid rikkumisi, rahapesu või muid tegevusi, mis on seotud korruptiivsete tegevustega, kuigi organisatsioon võib valida juhtimissüsteemi käsitlusala laiendamise, et hõlmata selliseid tegevusi. Käesoleva dokumendi nõuded on üldised ja mõeldud kasutamiseks kõikidele organisatsioonidele (või organisatsiooni osadele) olenemata tegevuse tüübist, suurusest ja olemusest ning sellest, kas tegemist on avaliku, era- või mittetulundussektoriga. Nende nõuete kohaldamisala sõltub punktides 4.1, 4.2 ja 4.5 määratletud teguritest.

Keel: et
Alusdokumendid: ISO 37001:2016

Kommenteerimise lõppkuupäev: 18.01.2018

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 585:2007
Isikukood. Struktuur
Personal code - Structure

Käesolev standard määrab kindlaks isikukoodi koostise ja struktuuri kasutamiseks Eesti rahvastikuregistris ning teistes isikuregistrites ja dokumentides.

Kehtima jätmise alus: EVS/TK 04 otsus 29.09.2017 2.5/61 ja teade pikendamisküsitlusest 03.10.2017 EVS Teatajas

TÜHISTAMISKÜSITLUS

Selles rubriigis avaldame teavet Euroopa standardimisorganisatsioonides algatatud Euroopa standardite tühistamisküsitluste kohta ning rahvusvahelise alusstandardiga Eesti standardite ja Eesti algupäraste dokumentide tühistamisküsitluste kohta. Küsitluse eesmärk on välja selgitada, kas alljärgnevalt 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 1870-13:2007+A2:2012

Puidutöötlemismasinate ohutus. Ketassaagimisseadmed. Osa 13: Horisontaalasetusega saeraamid KONSOLIDEERITUD TEKST

Safety of woodworking machines - Circular sawing machines - Part 13: Horizontal beam panel sawing machines CONSOLIDATED TEXT

This document deals with all significant hazards, hazardous situations and events as listed in Clause 4 which are relevant to horizontal beam panel sawing machines where the saw unit of the front cutting line is mounted$ below the workpiece support and which are manually or mechanically loaded and / or unloaded, fitted with: - a side pressure device and / or - the facility for scoring and / or - the facility for post-formed / soft-formed edge pre-cutting and / or - a panel turning device and / or - a pushing out device and / or - pneumatic clamping of the saw blade and / or - a powered panel loading device and / or - a grooving device and / or - additional cutting line(s) inside the machine for longitudinal and / or head cut (before transversal cutting line) and / or - workpiece vacuum clamping as part of a panel turning device or of a panel loading device, hereinafter referred to as "machines" when they are used as intended and under the conditions foreseen by the manufacturer #including reasonably foreseeable misuse.

Keel: en
Alusdokumendid: EN 1870-13:2007+A2:2012
Tühistamisküsitluse lõppkuupäev: 18.01.2018

TEADE EUROOPA STANDARDI OLEMASOLUST

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

Igakuiselt uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Standardikeskuse veebilehel avaldatavast standardimisprogrammist. Täiendav teave standardiosakonnast: standardiosakond@evs.ee.

EN ISO 14253-1:2017

Geometrical product specifications (GPS) - Inspection by measurement of workpieces and measuring equipment - Part 1: Decision rules for verifying conformity or nonconformity with specifications (ISO 14253-1:2017)

Eeldatav avaldamise aeg Eesti standardina 02.2018

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

Igakuiselt uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Standardikeskuse veebilehel avaldatavast standardimisprogrammist.

EVS-EN 1008:2002

Betooni seguvesi. Veeproovide võtmine, katsetamine ja kasutuskõlblikkuse hindamine, sh betoonitootmisest pärineva taaskasutatava vee kasutamine betooni seguveena
Mixing water for concrete - Specification for sampling, testing and assessing the suitability of water, including water recovered from processes in the concrete industry, as mixing water for concrete

See Euroopa standard spetsifitseerib standardi EN 206-1 nõuetele vastava betooni valmistamiseks kasutatavale veele esitatavad nõuded ja kirjeldab selle kasutuskõlblikkuse hindamise meetodeid.

EVS-EN 50588-1:2017

Keskmised jõutrafod sagedusele 50 Hz seadme suurima lubatava kestevpingega mitte üle 36 kV. Osa 1: Üldnõuded
Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV - Part 1: General requirements

See Euroopa standard kehtib keskmistele jõutrafodele. 'Keskmine jõutrafo' tähendab jõutrafot seadme suurima lubatava kestevpingega üle 1,1 kV, kuid mitte üle 36 kV, ja nimivõimsusega 5 kVA või rohkem, kuid vähem kui 40 MVA. Rahvuslik praktika võib vajada seadme suurima lubatava kestevpinge rakendamist kuni (kuid mitte kaasa arvatud) 52 kilovoldini, kui nimipinge on väiksem kui 36 kV (nagu näiteks Um = 38,5 kV või Um = 40,5 kV). Seda peetakse suure jõutrafo erandjuhtumiks, kus nõuded on samad mis keskmise jõutrafo jaoks pingega Um = 36 kV. MÄRKUS 1 'Suur jõutrafo' tähendab jõutrafot seadme suurima lubatava kestevpingega üle 36 kV ja nimivõimsusega 5 kVA või enam või nimivõimsusega 40 MVA või enam sõltumata seadme suurimast lubatavast kestevpingest. Suured jõutrafod on EN 50629 käsitlusalas. MÄRKUS 2 Astmelülitiga trafod (DETC või OLTC) on lisatud sellesse Euroopa standardisse isegi siis, kui neil on väljavõtetega mähis eraldi. Selle Euroopa standardi eesmärk on keskmiste jõutrafode elektriliste omaduste ja konstruktsiooniga seotud nõuete püstitamine. Sellest Euroopa standardist on jäetud välja järgmised trafod: a) mõõtetrafod, mis on spetsiaalselt kavandatud mõõtevahendite, mõõteriistade, releede ja muu sarnase aparatuuri jaoks; b) trafod, mille alampingemähised on spetsiaalselt kavandatud kasutamiseks koos alalditega alalisvoolutoite andmiseks; c) trafod, mis on spetsiaalselt kavandatud vahetuks ühendamiseks elektriahjuga; d) trafod, mis on spetsiaalselt kavandatud avamererakendusteks ja avamere ujuvrakendusteks; e) trafod, mis on spetsiaalselt kavandatud avariipaigaldiste jaoks; f) trafod ja autotrafod, mis on spetsiaalselt kavandatud raudtee toitesüsteemide jaoks; g) maandustrafod, see on kolmefaasilised trafod, mis on ette nähtud neutraalpunkti loomiseks süsteemi maandamise eesmärgil; h) veeremitele paigaldatavad veotrafod, see on otse või läbi muunduri vahelduv- või alalisvoolu kontaktliinidega ühendatavad trafod, mida kasutatakse raudteerakenduste kohtkindlates paigaldistes; i) käivitustrafod, mis on spetsiaalselt kavandatud kolmefaasiliste asünkroonmootorite käivitamiseks nii, et välistada toitepingelohkusid; j) katsetrafod, mis on spetsiaalselt kavandatud kasutamiseks ahelas spetsiifilise pinge või voolu tootmiseks elektriseadmete katsetamise eesmärgil; k) keevitustrafod, mis on spetsiaalselt kavandatud kasutamiseks kaar- või takistuskeevitusseadmetes; l) trafod, mis on spetsiaalselt kavandatud plahvatuskindlate ja maa-aluse kaevandamise rakenduste jaoks; m) trafod, mis on spetsiaalselt kavandatud süvavee (veealuste) rakenduste jaoks; n) kuni 5 MVA keskpingelt keskpingele ülekandvad vahetrafod; o) suured jõutrafod, mille puhul on näidatud, et konkreetse rakenduse jaoks tehniliselt võimalike alternatiivide jaoks ei ole võimalik täita Euroopa Komisjoni määruse (EL) nr 548/2014 püstitatud vähima kasuteguri nõudeid; p) suured jõutrafod, mis on identsed asendused samas füüsilises asukohas/paigaldises olemasolevatele suurtele jõutrafodele, kus seda asendust ei ole võimalik teha ilma, et sellega ei kaasneks nende transpordiga ja/või paigaldamisega seotud ebaproportsionaalselt suured kulud. Viimase kahe välistuse juhul nõutakse tõendamist lepingu allkirjastamisel kliendi tehtud deklaratsiooniga. MÄRKUS 3 See standard käsitleb trafosid Euroopa Komisjoni määruse (EL) nr 548/2014 kohaselt ja annab spetsiifilist lisanõu ühefaasiliste trafode jaoks, mitmemähiseliste trafode jaoks ja OF või OD jahutussüsteemidega trafode jaoks, mis on vajalik nendele trafotüüpidele energiatõhususe nõuete õigeks kohaldamiseks.

EVS-EN 60947-2:2017

Madalpingelised lülitusaparaadid. Osa 2: Kaitselülitid
Low-voltage switchgear and controlgear - Part 2: Circuit-breakers (IEC 60947-2:2016 + COR1:2016)

Standardisarja IEC 60947 see osa kehtib kaitselülitite kohta, mille peakontaktid on ette nähtud ühendamiseks ahelatesse tunnus-vahelduvpingega mitte üle 1000 V või tunnus-alalispingega mitte üle 1500 V; see sisaldab ka lisanõudeid sulavkaitsmeid sisaldavatele kaitselülititele. Vastavalt sellele standardile võib katsetada ka kaitselüliteid, mille tunnus-vahelduvpinge on üle 1000 V, kuid mitte üle 1500 V. Standard kehtib sõltumata kaitselülitite tunnusvoolust, valmistusviisist ja ettenähtavatest rakendustest. Nõuded kaitselülititele, mis on ette nähtud tagama ka rikkevoolukaitset, on esitatud lisas B. Lisanõuded elektroonilise liigvoolukaitsega kaitselülititele on esitatud lisas F. Lisanõuded IT-süsteemides kasutatavatele kaitselülititele on esitatud lisas H. Kaitselülitite elektromagnetilise ühilduvuse nõuded ja katsetusmeetodid on esitatud lisas J. Nõuded kaitselülititele, mis ei täida liigvoolukaitse nõudeid, on esitatud lisas L. Nõuded rikkevoolumoodulitele (milles pole sisseehitatud voolukatkestusseadist) on esitatud lisas M. Kaitselülitite lisaseadiste elektromagnetilise ühilduvuse nõuded ja katsetusmeetodid on esitatud lisas N. Fotoelektrilistes rakendustes kasutatavatele alalisvoolu-kaitselülititele esitatavad nõuded ja katsetusmeetodid on esitatud lisas P. Rikkevoolukaitset koos automaatse taaslülitusfunktsiooniga sisaldavatele kaitselülititele esitatavad nõuded ja katsetusmeetodid on esitatud lisas R. Lisanõuded kaitselülititele, mida kasutatakse otsekäivititena, on esitatud standardis IEC 60947-4-1, mis on rakendatav madalpingelistele kontaktoritele ja käivititele. Nõuded kaitselülititele, mida kasutatakse juhistikpaigaldiste kaitseks ehitistes ja muudes taolistes rakendustes ja mida on ette nähtud käitama instrueerimata tavaisikud, on esitatud standardis IEC

60898. Nõuded seadmetele (nt elektrirakendustele) ette nähtud kaitselülititele on esitatud standardis IEC 60934. Teatud erirakendustes (nt transpordivahendites, valtspinkides, mereseadmetes) võivad osutuda vajalikuks eri- või lisanõuded. MÄRKUS Selles standardis käsitletavad kaitselülitid võivad olla varustatud automaatse lahutamise seadistega ka muudes ettemääratud oludes kui liigvool või alapinge, nt võimsuse või voolu suuna muutumisel. See standard ei käsitle talitluse kontrolli nendes ettemääratud oludes. Selle standardi eesmärk on sätestada a) kaitselülitite tunnussuurused; b) olud, millele kaitselülitid peavad vastama, arvestades 1) talitlust ja käitumist normaalkäidul; 2) talitlust ja käitumist liigkoormusel ja lühisel, sealhulgas talitluse koordinatsiooni (selektiivsust ja reservkaitset); 3) dielektrilisi omadusi; c) katsetused, mis on ette nähtud nende tingimuste täitmise kontrolliks, ja rakendatavad katsetusmeetodid; d) aparaatidele märgitav või nendega kaasa antav informatsioon.

EVS-EN 62271-1:2017

Kõrgepingeline lülitus- ja juhtimisaparatuur. Osa 1: Vahelduvvoolu lülitus- ja juhtimisaparatuuri üldliigitus
High-voltage switchgear and controlgear - Part 1: Common specifications for alternating current switchgear and controlgear

See standardi IEC 62271 osa rakendub vahelduvvoolu kõrgepingelisele lülitus- ja juhtimisaparatuurile kasutamisel sise- ja välispaigaldistes talitlussagedustel kuni 60 Hz (kaasa arvatud) elektrivõrkudes pingega üle 1000 V. See dokument rakendub igale kõrgepingelisele lülitus- ja juhtimisaparatuurile, kui vastavas IEC standardis ei ole konkreetset tüüpi kõrgepingelisele lülitus- ja juhtimisaparatuurile määratletud teisiti. MÄRKUS Selles dokumendis kasutamiseks määratletakse kõrgepingena nimipinget üle 1000 V. Kuid seejuures on üle 1 kV pingega ja tavaliselt kuni pingeni 52 kV (kaasa arvatud) jaotusvõrkudes üldiselt kasutusel termin keskpinge.

EVS-EN ISO 13916:2017

Keevitus. Juhised eelkuumutustemperatuuri, läbimitevahelise temperatuuri ja eelkuumutuse hoidmistemperatuuri mõõtmiseks
Welding - Measurement of preheating temperature, interpass temperature and preheat maintenance temperature (ISO 13916:2017)

Standard määratleb nõuded eelkuumutustemperatuuri, läbimitevahelise temperatuuri ja eelkuumutuse hoidmistemperatuuri mõõtmiseks sulakeevitusel. Seda standardit võib samuti kasutada sobiva näidisena teiste keevitusprotsesside korral. See dokument ei käsitle keevitusjärgse termotöötluse temperatuuri.

EVS-EN ISO/IEC 17025:2017

Üldnõuded katse- ja kalibreerimislaborite kompetentsusele
General requirements for the competence of testing and calibration laboratories (ISO/IEC 17025:2017)

See dokument määratleb üldnõuded laborite kompetentsusele, erapooletusele ja järjekindlale tegutsemisele. See dokument rakendub kõigile laboritegevusi sooritavatele organisatsioonidele, sõltumata nende töötajate arvust. Laborite kliendid, seadusandjad, vastastikust hindamist kasutavad organisatsioonid ja skeemid, akrediteerimisasutused ja teised kasutavad seda dokumenti laborite kompetentsuse kinnitamisel või tunnustamisel.

EVS-HD 60364-5-52:2011/A11:2017

Madalpingelised elektripaigaldised. Osa 5-52: Elektriseadmete valik ja paigaldamine. Juhistikud
Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems

Standardi HD 60364-5-52:2011 muudatus

EVS-HD 60364-5-52:2011+A11:2017

Madalpingelised elektripaigaldised. Osa 5-52: Elektriseadmete valik ja paigaldamine. Juhistikud
Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems (IEC 60364-5-52:2009, modified)

IEC 60364 osa 5-52 käsitleb juhistike valikut ja paigaldamist. MÄRKUS 1 See standard käib ka kaitsejuhtide kohta; lisanõuded kaitsejuhtidele on esitatud standardis IEC 60364-5-54. MÄRKUS 2 Juhised IEC 60364 osa 5-52 kohta on esitatud standardis IEC 61200-52. EE MÄRKUS Juhis IEC/TS 61200-52 (Ed. 1.0, 5. märts 1993) „Electrical installation guide – Part 52: Selection and erection of electrical equipment – Wiring systems“ käsitleb juhistike valiku ja paigaldamise üldpõhimõtteid. Samuti on valminud selle juhise teise väljaande (Ed. 2.0) eelnõu.

EVS-IEC 60050-321:2017

Rahvusvaheline elektrotehnika sõnastik. Osa 321: Mõõtetrafod
International Electrotechnical Vocabulary. Chapter 321: Instrument transformers (IEC 60050-321:1986)

Selles rahvusvahelise elektrotehnika sõnastiku osas käsitletakse tavapäraseid mähistega mõõtetrafosid, mis on mõeldud kasutamiseks koos mõõteseadmetega või kaitseseadmetega.

EVS-IEC 60050-436:2017

Rahvusvaheline elektrotehnika sõnastik. Osa 436: Jõukondensaatorid
International Electrotechnical Vocabulary. Chapter 436: Power capacitors (IEC 60050-436:1990)

Selles rahvusvahelise elektrotehnika sõnastiku osas käsitletakse jõukondensaatorite üldtermineid, funktsioone, tehnilisi vahendeid ja talitluskarakteristikuid.

EVS-IEC 60050-448:2017

Rahvusvaheline elektrotehnika sõnastik. Osa 448: Elektrisüsteemi kaitse
International Electrotechnical Vocabulary - Chapter 448: Power system protection (IEC 60050-448:1995)

Selles rahvusvahelise elektrotehnika sõnastiku osas käsitletakse elektrisüsteemi kaitse üldtermineid ning kaitsesüsteemi, rikete ja automaatsete juhtimisseadmetega seotud termineid.

EVS-ISO 11799:2016

Informatsioon ja dokumentatsioon. Arhiivi- ja raamatukogumaterjalide hoiunõuded
Information and documentation - Document storage requirements for archive and library materials (ISO 11799:2015)

See rahvusvaheline standard määratleb arhiivi- ja raamatukogumaterjalide pikaajaliseks hoiuks kasutatavate hoidlate eripärad. See käsitleb hoone asukohta, ehitust, renoveerimist ning hoones ja selle ümbruses kasutatavaid paigaldisi ja seadmeid. Standard on rakendatav kõikidele arhiivi- ja raamatukogumaterjalidele, mida hoitakse hoidlates, kus võidakse pabermaterjalidega koos säilitada eri meediumeid. See ei välista üksikutes hoidlates eraldi alade või osade rajamist, kus saab keskkonda kontrollida, et luua teatud arhiivimaterjalidele sobivad hoiutingimused. Mitmes valdkonnas võivad riiklikud või kohalikud ehituseeskirjad käsitleda selliseid teemasid nagu ühiskondlike hoonete ja väärtuslike objektide hoidmiseks mõeldud hoonete ehitus, ohutus ja julgeolek (tuleohutus, evakuatsiooni¬pääsud, kaitstus maavärinate, varguste, sissemurdmiste, terroriaktide jne eest), teenused ning professionaalseks kasutamiseks ette nähtud seadmed. Seetõttu hoidutakse selles rahvusvahelises standardis nende valdkondade kohta üksikasjalikke juhiseid ja eeskirju andmast, välja arvatud juhul, kui soovitatakse täiendusi nendele nõuetele.

STANDARDIPEALKIRJADE MUUTMINE

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

Dokumendi tähis	Muudetav pealkiri	Uus pealkiri
EVS-EN 50588-1:2017	Keskmised jõutrafod sagedusele 50 Hz ja seadmete kõrgeimale pingele mitte üle 36 kV. Osa 1: Üldnõuded	Keskmised jõutrafod sagedusele 50 Hz seadme suurima lubatava kestevpingega mitte üle 36 kV. Osa 1: Üldnõuded

UUED EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 1008:2002	Mixing water for concrete - Specification for sampling, testing and assessing the suitability of water, including water recovered from processes in the concrete industry, as mixing water for concrete	Betooni seguvesi. Veeproovide võtmine, katsetamine ja kasutuskõlblikkuse hindamine, sh betoonitootmisest pärineva taaskasutatava vee kasutamine betooni seguveena

UUED HARMONEERITUD STANDARDID

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

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

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

Lisainfo:
http://www.newapproach.org/
http://ec.europa.eu/growth/single-market/european-standards/harmonised-standards

Eesti Standardikeskus avaldab ametlikus väljaandes harmoneeritud standardeid ülevõtvate Eesti standardite kohta järgmist infot:

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

Info esitatakse vastavate direktiivide kaupa.

Direktiiv 2014/53/EL
Raadioseadmed
(EL Teataja 2017/C 389/05)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1	Direktiivi 2014/53/EL artikkel
EVS-EN 303 402 V2.1.2:2017 Mereside liikuvad saatjad ja vastuvõtjad kasutamiseks MF ja HF raadiosagedusalades; Harmoneeritud standard direktiivi 2014/53/EL artiklite 3.2 ja 3.3(g) oluliste nõuete alusel	13.10.2017			Artikli 3, lõige 2; Artikli 3 lõike 3 punkt g
EVS-EN 50360:2017 Tootestandard juhtmevabade sideseadmete nõuetele vastavuse tõendamiseks, inimese elektromagnetväljadega kokkupuutumisega seotud põhipiirangud ja kokkupuute piirväärtused kiirgusele sagedusalas 300 MHz kuni 6 GHz: Kõrva ääres hoitavad seadmed	17.11.2017			Artikli 3 lõike 1 punkt a
EVS-EN 50385:2017 Tootestandard turule lastava baasjaama seadme nõuetele vastavuse tõendamiseks elektromagnetvälja kiirguse kokkupuute piirväärtustega (110 MHz – 100 GHz)	17.11.2017			Artikli 3 lõike 1 punkt a
EVS-EN 50401:2017 Tootestandard kasutusele võetava baasjaama seadme nõuetele vastavuse tõendamiseks elektromagnetvälja kiirguse kokkupuute piirväärtustega (110 MHz – 100 GHz)	17.11.2017			Artikli 3 lõike 1 punkt a
EVS-EN 50566:2017 Tootestandard juhtmevabade sideseadmete nõuetele vastavuse tõendamiseks, inimese elektromagnetväljadega kokkupuutumisega seotud põhipiirangud ja kokkupuute piirväärtused kiirgusele sagedusalas 30 MHz kuni 6 GHz: Inimese kehaga lähedases kontaktis olevad käes hoitavad ja kehale kinnitatavad seadmed	17.11.2017			Artikli 3 lõike 1 punkt a
EVS-EN 55035:2017 Multimeediaseadmete elektromagnetiline ühilduvus. Immuunsusnõuded	17.11.2017			Artikli 3 lõike 1 punkt b

Märkus 1: Tavaliselt on kuupäevaks, mil asendatava standardi järgimisest tulenev vastavuseeldus kehtivuse kaotab, Euroopa standardiorganisatsiooni kehtestatud tühistamiskuupäev, kuid kõnealuste standardite kasutajate tähelepanu juhitakse asjaolule, et teatavatel erandjuhtudel võib olla ka teisiti.