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Uued Eesti standardid

Standardikavandite arvamusküsitlus

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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

EVS 882-1:2013/AC:2015

Informatsioon ja dokumentatsioon. Dokumendielemendid ja vorminõuded. Osa 1: Kiri
Information and documentation. Elements of records and requirements for record's layout. Part 1: Letter

Standardi EVS 882-1:2013 parandus.

Keel: et
Parandab dokumenti: EVS 882-1:2013

EVS-EN 16601-00-01:2015

Space systems - Glossary of terms

This document controls the definition of all common terms used in the European Cooperation for Space Standardization (ECSS) Standards System. Terms specific to a particular ECSS Standard are defined in that standard. This document does not include the definition of terms used with their common meaning. In this case, the definition from the Oxford English Dictionary applies.

Keel: en
Alusdokumendid: ECSS-S-ST-00-01C; EN 16601-00-01:2015
Asendab dokumenti: EVS-EN 13701:2001

EVS-EN 61082-1:2015

Preparation of documents used in electrotechnology - Part 1: Rules

This part of IEC 61082 establishes general rules and guidelines for the presentation of information in documents, and specific rules for diagrams, drawings and tables used in electrotechnology. Excluded from this part of IEC 61082 are rules and guidelines for all kind of audio or video or tactile presentations. This horizontal standard is primarily intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 108. One of the responsibilities of a technical committee is, wherever applicable, to make use of horizontal standards in the preparation of its publications. The contents of this horizontal standard will not apply unless specifically referred to or included in the relevant publications.

Keel: en
Alusdokumendid: IEC 61082-1:2014; EN 61082-1:2015
Asendab dokumenti: EVS-EN 61082-1:2006

EVS-EN ISO 5527:2015

Cereals - Vocabulary (ISO 5527:2015)

This International Standard defines terms relating to cereals. NOTE 1 In addition to terms used in English and French, two of the three official ISO languages, this document gives the equivalent terms in Spanish, German and Chinese; these are published under the responsibility of the member bodies for Argentina (IRAM), Germany (DIN) and China (SAC) and are given for information only. Only the terms and definitions given in the official languages can be considered as ISO terms and definitions. The terms are given under the following headings: 2 General terminology; 3 Terminology relating to physiology; 4 Terminology relating to morphology; 5 Terminology relating to technology of cereals; 6 Terminology relating to cereal products; 7 Terminology relating to test methods. NOTE 2 See ISO 5526[6] for a list of principal cereal species with their botanic names and common names.

Keel: en
Alusdokumendid: EN ISO 5527:2015; ISO 5527:2015

EVS-EN ISO 9687:2015

Dentistry - Graphical symbols for dental equipment (ISO 9687:2015)

This International Standard specifies graphical symbols for dental equipment. It is intended that the symbols are to be used on the appropriate piece of dental equipment and in documents pertaining to dental equipment, for example in instructions for use, marking, labelling, and technical product documentation. The symbols are selected specifically for all kinds of dental equipment. The majority of the symbols are taken from relevant ISO, IEC, or other international documents. Several new symbols presented by manufacturers or users have been added.

Keel: en
Alusdokumendid: ISO 9687:2015; EN ISO 9687:2015
Asendab dokumenti: EVS-EN ISO 9687:1999

11 TERVISEHOOLDUS

EVS-EN ISO 11979-8:2015

Ophthalmic implants - Intraocular lenses - Part 8: Fundamental requirements (ISO 11979-8:2006/Amd 1:2011)

ISO 11979-8:2006 specifies fundamental requirements for all types of intraocular lenses intended for surgical implantation into the anterior segment of the human eye, excluding corneal implants and transplants.

Keel: en
Alusdokumendid: ISO 11979-8:2006; ISO 11979-8:2006/Amd 1:2011; EN ISO 11979-8:2015
Asendab dokumenti: EVS-EN ISO 11979-8:2009
Asendab dokumenti: EVS-EN ISO 11979-8:2009/A1:2011

EVS-EN ISO 14534:2015

Ophthalmic optics - Contact lenses and contact lens care products - Fundamental requirements (ISO 14534:2011)

ISO 14534:2011 specifies safety and performance requirements for contact lenses, contact lens care products, and other accessories for contact lenses. ISO 14534:2011 does not specify electrical safety and electromagnetic compatibility considerations that might arise from the use of electrical equipment in conjunction with contact lenses or contact lens care products.

Keel: en
Alusdokumendid: EN ISO 14534:2015; ISO 14534:2011
Asendab dokumenti: EVS-EN ISO 14534:2011

EVS-EN ISO 9687:2015

Dentistry - Graphical symbols for dental equipment (ISO 9687:2015)

This International Standard specifies graphical symbols for dental equipment. It is intended that the symbols are to be used on the appropriate piece of dental equipment and in documents pertaining to dental equipment, for example in instructions for use, marking, labelling, and technical product documentation. The symbols are selected specifically for all kinds of dental equipment. The majority of the symbols are taken from relevant ISO, IEC, or other international documents. Several new symbols presented by manufacturers or users have been added.

Keel: en
Alusdokumendid: ISO 9687:2015; EN ISO 9687:2015
Asendab dokumenti: EVS-EN ISO 9687:1999

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 15768:2015

Influence of materials on water intended for human consumption - GC-MS identification of water leachable organic substances

This European Standard describes a method for detecting and identifying organic chemicals that are amenable to GC-MS analysis using the procedures described and which can migrate from a product into water intended for human consumption. This European Standard does not provide all the necessary tools to completely identify all the substances that are detected. A method of semi-quantitatively estimating the concentrations of the organic substances detected is also provided, however, concentrations should only be seen as indicative. NOTE The method to be used for the preparation of migration waters is specified by separate EN's, as noted below.

Keel: en
Alusdokumendid: EN 15768:2015

EVS-EN 50130-4:2011+A1:2014

Alarmisüsteemid. Osa 4: Elektromagnetiline ühilduvus. Tooteperekonna standard: Häiringukindluse nõuded tulekahju-, sissemurde- ja kallaletungialarmisüsteemide, videovalvesüsteemide, juurdepääsukontrollisüsteemide ja personaal-appikutsesüsteemide komponentidele
Alarm systems - Part 4: Electromagnetic compatibility - Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems

This EMC product-family standard, for immunity requirements, applies to the components of the following alarm systems, intended for use in and around buildings in residential, commercial, light industrial and industrial environments: - access control systems, for security applications; - alarm transmission systems 1); - CCTV systems, for security applications; - fire detection and fire alarm systems; - hold-up alarm systems; - intruder alarm systems; - social alarm systems;

Keel: en
Alusdokumendid: EVS-EN 50130-4:2011; EVS-EN 50130-4:2011/A1:2014

EVS-EN 60335-2-11:2010/A1:2015

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

Amendment to EN 60335-2-11:2010

Keel: en
Alusdokumendid: IEC 60335-2-11:2008/A1:2012; EN 60335-2-11:2010/A1:2015
Muudab dokumenti: EVS-EN 60335-2-11:2010

EVS-EN 60335-2-54:2009/A11:2012/AC:2015

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-54: Erinõuded pinnapuhastusseadmetele, mis kasutavad vedelikke või auru
Household and similar electrical appliances - Safety - Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam

Corrigendum to EN 60335-2-54:2008/A11:2012

Keel: en
Alusdokumendid: EN 60335-2-54:2008/A11:2012/AC:2015
Parandab dokumenti: EVS-EN 60335-2-54:2009/A11:2012

EVS-EN 62676-3:2015

Video surveillance systems for use in security applications - Part 3: Analog and digital video interfaces

This Part of IEC 62676 specifies physical, electrical and software interface (non-IP) specifications of analog and digital video interface in video surveillance systems (so far called CCTV) applications. Video interfaces are used both for connection and transmission of surveillance video, audio and control signals. Through video interfaces, video surveillance systems can be put together by connecting various components such as image capturing devices, image handling devices, etc. This International Standard ensures interoperability among various video surveillance components. This International Standard applies strictly to Video Surveillance Systems. This standard is based on broadcast television standards and other standards, and it defines the minimum requirements for analog and digital video interfaces to meet VSS's requirements, interoperability and de facto practice.

Keel: en
Alusdokumendid: IEC 62676-3:2013; EN 62676-3:2015

EVS-EN 62682:2015

Management of alarms systems for the process industries

IEC 62682:2014 specifies general principles and processes for the lifecycle management of alarm systems based on programmable electronic controller and computer-based human-machine interface (HMI) technology for facilities in the process industries. It covers all alarms presented to the operator, which includes alarms from basic process control systems, annunciator panels, safety instrumented systems, fire and gas systems, and emergency response systems.

Keel: en
Alusdokumendid: IEC 62682:2014; EN 62682:2015

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 45501:2015

Metroloogilised nõuded mitteautomaatkaaludele
Metrological aspects of non-automatic weighing instruments

Käesolev Euroopa standard määratleb mitteautomaatsete kaalude metroloogilised nõuded. Standard on kavandatud andma metroloogiliste ja tehniliste karakteristikute hindamise standarditud nõuded ja katseprotseduurid ühisel ja jälgitaval viisil.

Keel: en
Alusdokumendid: EN 45501:2015
Asendab dokumenti: EVS-EN 45501:2004

EVS-EN 60118-4:2015

Electroacoustics - Hearing aids - Part 4: Induction-loop systems for hearing aid purposes - System performance requirements

IEC 60118-4:2014 is applicable to audio-frequency induction-loop systems producing an alternating magnetic field at audio frequencies and intended to provide an input signal for hearing aids operating with an induction pick-up coil (telecoil). Throughout this standard, it is assumed that the hearing aids used with it conform to all relevant parts of IEC 60118. This standard specifies requirements for the field strength in audio-frequency induction loops for hearing aid purposes, which will give adequate signal-to-noise ratio without overloading the hearing aid. The standard also specifies the minimum frequency response requirements for acceptable intelligibility. Methods for measuring the magnetic field strength are specified, and information is given on appropriate measuring equipment (see Annex B), information that should be provided to the operator and users of the system (see Annex C), and other important considerations. This standard does not specify requirements for loop driver amplifiers or associated

microphone or audio signal sources, which are dealt with in IEC 62489-1, or for the field strength produced by equipment, such as telephone handsets, within the scope of ITU-T P.370. This third edition cancels and replaces the second edition published in 2006. This edition constitutes a technical revision which includes the following significant technical changes with respect to the previous edition: Addition of Annexes G, H and I where more information is provided about practical considerations and methods of measurement.

Keel: en
Alusdokumendid: IEC 60118-4:2014; EN 60118-4:2015
Asendab dokumenti: EVS-EN 60118-4:2007

EVS-EN 60318-3:2015

Electroacoustics - Simulators of human head and ear - Part 3: Acoustic coupler for the calibration of supra-aural earphones used in audiometry

This part of IEC 60318 specifies an acoustic coupler for the measurement of supra-aural audiometric earphones in the frequency range from 125 Hz to 8 000 Hz. The sound pressure developed by an earphone is not, in general, the same in the coupler as in a person's ear. However, the acoustic coupler can be used as an objective and reproducible means of measuring the output of supra-aural earphones. It can be used for specifying reference equivalent threshold sound pressure levels (RETSPL) for the calibration of audiometers.

Keel: en
Alusdokumendid: IEC 60318-3:2014; EN 60318-3:2015
Asendab dokumenti: EVS-EN 60318-3:2002

EVS-EN 60645-1:2015

Electroacoustics - Audiometric equipment - Part 1: Equipment for pure-tone audiometry

IEC 60645-1:2012 specifies general requirements for audiometers and particular requirements for pure-tone audiometers designed for use in determining hearing threshold levels, relative to standard reference threshold levels established by means of psychoacoustic test methods. The object of this standard is to ensure: a) That tests of hearing in the frequency range 125 Hz to 16 000 Hz on a given human ear, performed with different audiometers which comply with this standard shall give substantially the same results; b) That the results obtained represent a valid comparison between the hearing of the ear tested and the reference threshold of hearing; c) That audiometers are classified according to the range of test signals they generate, according to the mode of operation or according to the complexity of the range of auditory functions they test. This third edition cancels and replaces the second edition, published in 2001, and IEC 60645-4 published in 1994. It constitutes an editorial revision.

Keel: en
Alusdokumendid: IEC 60645-1:2012; EN 60645-1:2015
Asendab dokumenti: EVS-EN 60645-1:2002
Asendab dokumenti: EVS-EN 60645-4:2001

EVS-EN 61557-16:2015

Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 16: Equipment for testing the effectiveness of the protective measures of electrical equipment and/or medical electrical equipment

IEC 61557-16:2014 defines performance requirements for test and measurement equipment to determine the effectiveness of the protective measures of electrical measures for electrical equipment and/or medical electrical equipment described in IEC 62353. It is the intention of this standard to achieve comparable measuring results, additional safety for the testing person and negligible electrical stress for the unit under test. Keywords: leakage current, patient applied part

Keel: en
Alusdokumendid: IEC 61557-16:2014; EN 61557-16:2015

EVS-EN 62489-1:2010/A1:2015

Electroacoustics - Audio-frequency induction loop systems for assisted hearing - Part 1: Methods of measuring and specifying the performance of system components

Amendment to EN 62489-1:2010

Keel: en
Alusdokumendid: IEC 62489-1:2010/A1:2014; EN 62489-1:2010/A1:2015
Muudab dokumenti: EVS-EN 62489-1:2010

EVS-EN ISO 14638:2015

Geometrical product specifications (GPS) - Matrix model (ISO 14638:2015)

This standard is a fundamental ISO GPS standard. This document (ISO 14638) explains the concept of Geometrical Product Specification (ISO GPS), and provides a framework to illustrate how current and future ISO standards address the requirements of the ISO GPS system. The framework is intended to be of use to users of ISO GPS standards, by illustrating the extent of the scope of the different standards, and showing how they relate to each other. The framework is also used for structuring the development of standards for GPS by technical committee ISO/TC213. The full set of standards comprising the ISO GPS system is listed on the ISO/TC 213 web site at web link to be inserted here. Where relevant standards and documents are available from sources other than ISO/TC 213, these may also be listed, although any such listing does not intend to be complete and exhaustive.

Keel: en

Alusdokumendid: EN ISO 14638:2015; ISO 14638:2015

EVS-ISO 4037-1:2015

Röntgeni ja gamma referentskiirgus dosimeetrite ja doosikiiruse mõõteseadmete kalibreerimiseks ja nende koste määramiseks sõltuvana footoni energiast. Osa 1: Kiirguse karakteristikud ja saamismeetodid

X and gamma reference radiation for calibrating dosemeters and doserate meters and for determining their response as a function of photon energy -- Part 1: Radiation characteristics and production methods (ISO 4037-1:1996)

See ISO 4037 osa kirjeldab röntgeni ja gamma referentskiirguse karakteristikuid ja saamismeetodeid kaitsetaseme dosimeetrite ja doosikiiruse mõõteseadmete kalibreerimiseks õhukerma kiiruse väärtuse vahemikus 10 µGy·h-1 kuni 10 Gy·h-1 ning nende koste määramiseks footonenergia funktsioonina. Meetodeid referentskiirguste rühma saamiseks konkreetse footonenergia vahemiku jaoks kirjeldatakse neljas peatükis, milles on määratud nende kiirguste karakteristikud. Neli referentskiirguste rühma on: a) energiavahemikus alates ligikaudu 7 keV kuni 250 keV, pidev filtreeritud röntgenkiirgus ja ameriitsium-241 gammakiirgus; b) energiavahemikus 8 keV kuni 100 keV, fluorestsentskiirgus; c) energiavahemikus 600 keV kuni 1,3 MeV, radionukliidide kiiratud gammakiirgus; d) energiavahemikus 4 MeV kuni 9 MeV, reaktorite ja kiirendite toodetud gammakiirgus. Need referentskiirgused tuleb valida tabelist 1.

Keel: en, et
Alusdokumendid: ISO 4037-1:1996

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN ISO 11120:2015

Gas cylinders - Refillable seamless steel tubes of water capacity between 150 l and 3000 l - Design, construction and testing (ISO 11120:2015)

This International Standard specifies minimum requirements for the material, design, construction and workmanship, manufacturing processes, examinations and tests at manufacture of refillable quenched and tempered seamless steel tubes of water capacities exceeding 150 l up to and including 3 000 l for compressed and liquefied gases exposed to extreme world-wide ambient temperatures, normally between –50 °C and +65 °C. This International Standard is applicable to tubes with a maximum tensile strength, Rma, of less than 1 100 MPa. These tubes can be used alone or in batteries to equip trailers or multiple element gas containers (ISO modules or skids) for the transportation and distribution of compressed gases. This International Standard is applicable to tubes having an opening at each end.

Keel: en
Alusdokumendid: ISO 11120:2015; EN ISO 11120:2015
Asendab dokumenti: EVS-EN ISO 11120:2001
Asendab dokumenti: EVS-EN ISO 11120:2001/A1:2013

EVS-EN ISO 25760:2015

Gas cylinders - Operational procedures for the safe removal of valves from gas cylinders (ISO 25760:2009)

This International Standard is intended for suppliers, operators in testing facilities, operators performing cylinder maintenance and any person authorized to remove valves from gas cylinders. It details procedures for the safe removal of valves from cylinders and includes techniques for the identification of inoperable valves. Only the risks due to gas and gas mixtures under pressure are addressed; other technical issues relating to the removal of a valve from a cylinder are not covered. Some specialized equipment and procedures are in use in parts of the gas industry to safely remove cylinder valves from low pressure gas cylinders while under pressure, e.g. liquefied petroleum gas (LPG); these techniques are not included in this International Standard.

Keel: en
Alusdokumendid: ISO 25760:2009; EN ISO 25760:2015

25 TOOTMISTEHNOLOOGIA

EVS-EN 16602-70-08:2015

Space product assurance - Manual soldering of high-reliability electrical connections

This Standard defines the technical requirements and quality assurance provisions for the manufacture and verification of manually-soldered, high-reliability electrical connections. The Standard defines acceptance and rejection criteria for high reliability manufacture of manually-soldered electrical connections intended to withstand normal terrestrial conditions and the vibrational g-loads and environment imposed by space flight. The proper tools, correct materials, design and workmanship are covered by this document. Workmanship standards are included to permit discrimination between proper and improper work. The assembly of surface-mount devices is covered in ECSS-Q-ST-70-38. Requirements related to printed circuit boards are contained in ECSS-Q-ST-70-10 and ECSS-Q-ST-70-11. Verification of manual soldering assemblies which are not described in this standard are performed by vibration and thermal cycling testing. The requirements for verification are given in this Standard. This standard does not cover the qualification and acceptance of EQM and FM equipment with hand soldered connections. The qualification and acceptance tests of equipment manufactured in accordance with this Standard are covered by ECSS-E-ST-10-03. The mounting and supporting of components, terminals and conductors prescribed herein applies to assemblies designed to operate within the temperature limits of -55 °C to +85 °C. For temperatures outside this normal range, special design, verification and qualification testing is performed to ensure the necessary environmental survival capability. Special thermal heat sinks are applied

to devices having high thermal dissipation (e.g. junction temperatures of 110 °C, power transistors) in order to ensure that solder joints do not exceed 85 °C. This standard may be tailored for the specific characteristic and constrains of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-Q-ST-70-08C; EN 16602-70-08:2015

EVS-EN 62682:2015

Management of alarms systems for the process industries

IEC 62682:2014 specifies general principles and processes for the lifecycle management of alarm systems based on programmable electronic controller and computer-based human-machine interface (HMI) technology for facilities in the process industries. It covers all alarms presented to the operator, which includes alarms from basic process control systems, annunciator panels, safety instrumented systems, fire and gas systems, and emergency response systems.

Keel: en
Alusdokumendid: IEC 62682:2014; EN 62682:2015

EVS-EN 62734:2015

Industrial networks - Wireless communication network and communication profiles - ISA 100.11a

IEC 62734:2014 provides specifications in accordance with the OSI Basic Reference Model, ISO/IEC 7498-1, (e.g., PhL, DL, etc.). It is intended to provide reliable and secure wireless operation for non-critical monitoring, alerting, supervisory control, open loop control, and closed loop control applications. It defines a protocol suite, including system management, gateway considerations, and security specifications, for low-data-rate wireless connectivity with fixed, portable, and slowly-moving devices, often operating under severe energy and power constraints. The application focus is the performance needs of process automation monitoring and control where end-to-end communication latencies on the order of at least 100 ms can be tolerated.

Keel: en
Alusdokumendid: IEC 62734:2014; EN 62734:2015

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 16440-1:2015

Testing methodologies of refrigerating devices for insulated means of transport - Part 1: Mechanical cooling device with forced air circulation evaporator with or without heating device

This European Standard applies to mechanical cooling devices with air circulation heat exchangers with or without heating device. The mechanical cooling devices are intended to be used with insulated transport equipment. They include a drive or a means of force transmission and are provided with all the components necessary for the controlled thermal transport system. The mechanical cooling devices can be powered with independent engine and/or vehicle engine and/or any other source of energy. This standard specifies the testing methodologies.

Keel: en
Alusdokumendid: EN 16440-1:2015

EVS-EN 50465:2015

Euroopa tootestandard gaasküttega elektri- ja soojuse koostootmissüsteemidele
European product standard for combined heating power systems using gas fuel

This European Standard specifies the requirements and test methods for the construction, safety, fitness for purpose, rational use of energy and the marking of a micro combined heat and power appliance; (hereafter referred to as “mCHP appliance”). This European Standard applies to mCHP appliances of types B22, B23, B32, B33, B52, B53, C1, C3, C4, C5, C6, and C8 as classified in CEN/TR 1749 – that use one or more combustible gases of the three gas families at the pressures stated in EN 437, – where the temperature of the heat transfer fluid does not exceed 105 ºC during normal operation, – where the maximum operating pressure in the – heating water circuit does not exceed 6 bar, – domestic hot water circuit (if installed) is max. 10 bar, – which can give rise to condensation under certain circumstances, – which are declared by the manufacturer to be “condensing appliance”, – which are intended to be installed in a partially protected place, – which are intended to produce hot water either by the instantaneous or storage principle, – which have a maximum heat input (based on net calorific value) not exceeding 70 kW, – which are designed for sealed or open water systems. NOTE 1 For applications where the maximum allowable temperature exceeds 110 ºC or where volume multiplied by maximum allowable pressure exceeds 50 bar.litres, further requirements may be necessary to comply with the essential requirements of Directive 97/23/EC (Pressure Equipment Directive (PED)). NOTE 2 For mCHP appliances with constructions that might not be fully covered by this European Standard or by another specific standard, the risk associated with the alternative construction shall be assessed. This European Standard applies to type testing only. This European Standard does not contain the requirements necessary for appliance capable of producing electrical energy without using the thermal energy.

Keel: en
Alusdokumendid: EN 50465:2015
Asendab dokumenti: EVS-EN 50465:2008

29 ELEKTROTEHNIKA

EVS-EN 50130-4:2011+A1:2014

Alarmisüsteemid. Osa 4: Elektromagnetiline ühilduvus. Tooteperekonna standard: Häiringukindluse nõuded tulekahju-, sissemurde- ja kallaletungialarmisüsteemide, videovalvesüsteemide, juurdepääsukontrollisüsteemide ja personaal-appikutsesüsteemide komponentidele
Alarm systems - Part 4: Electromagnetic compatibility - Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems

This EMC product-family standard, for immunity requirements, applies to the components of the following alarm systems, intended for use in and around buildings in residential, commercial, light industrial and industrial environments: - access control systems, for security applications; - alarm transmission systems 1); - CCTV systems, for security applications; - fire detection and fire alarm systems; - hold-up alarm systems; - intruder alarm systems; - social alarm systems;

Keel: en
Alusdokumendid: EVS-EN 50130-4:2011; EVS-EN 50130-4:2011/A1:2014

EVS-EN 50341-2-20:2015

Elektriõhuliinid vahelduvpingega üle 1 kV. Osa 2-20: Eesti siseriiklikud erinõuded
Overhead electrical lines exceeding AC 45 kV - Part 2-20: National Normative Aspects (NNA) for ESTONIA (based on EN 50341-1:2012)

Standard määrab Eesti jaoks kindlaks õhuliinide projekteerimise ja ehitamise erinõuded, mida tuleb järgida, et kindlustada liini vastavus tema otstarbele, pidades silmas inimeste ohutuse, hoolde, käidu ja keskkonnaalaseid nõudeid.

Keel: en
Alusdokumendid: EN 50341-2-20:2015
Asendab dokumenti: EVS-EN 50341-3-20:2007
Asendab dokumenti: EVS-EN 50423-3-20:2009

EVS-EN 50393:2015

Test methods and requirements for accessories for use on distribution cables of rated voltage 0,6/1,0 (1,2) kV

This European Standard details the performance requirements and the test methods for type testing of cable accessories for use with power distribution cables of rated voltage 0,6/1,0 (1,2) kV as defined in HD 603 or other relevant cable standards. Cable accessories covered by this European Standard include joints, stop ends and outdoor terminations for extruded solid dielectric insulated cables and transition joints between extruded solid dielectric insulated and impregnated paper insulated cables. Joints, stop ends and outdoor terminations for impregnated paper insulated cables are not included. The service operating conditions of accessories should be compatible with the service operating conditions of cables on which they are to be installed. Accessories for special applications such as submarine, shipboard, explosive or seismic environments, or where specified fire performance characteristics are required, are not included. NOTE 1 This European Standard does not invalidate existing approvals of products achieved on the basis of national standards and specifications and/or the demonstration of satisfactory service performance. However, products approved according to such national standards or specifications cannot directly claim approval to this European standard. NOTE 2 It may be possible, subject to agreement between supplier and purchaser, and/or the relevant conformity assessment body, to demonstrate that conformity to the earlier standard can be used to claim conformity to this European Standard, provided an assessment is made of any additional type testing that may need to be carried out. Any such additional testing that is part of a sequence of testing cannot be done separately.

Keel: en
Alusdokumendid: EN 50393:2015
Asendab dokumenti: EVS-EN 50393:2006

EVS-EN 60079-26:2015

Plahvatusohtlikud keskkonnad. Osa 26: Seadmed seadmekaitsetasemega Ga
Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga

This part of IEC 60079 specifies alternative requirements for construction, test and marking for electrical equipment that provides Equipment Protection Level (EPL) Ga when single standardised Types of Protection (e.g. Ex “ia” , Ex “ma”, Ex “da”) cannot be applied. This standard also applies to equipment mounted across a boundary where different Equipment Protection Levels may be required. EXAMPLE: Equipment installed in the wall of a storage vessel containing Zone 0 (requiring EPL Ga) inside an area defined as Zone 1 (requiring EPL Gb). This electrical equipment, within the operational parameters specified by the manufacturer, ensures a very high Level of Protection that includes rare malfunctions related to the equipment or two malfunctions occurring independently of each other. NOTE A malfunction may result from a failure of the component parts of the electrical equipment or from anticipated externally applied influences. Two independent malfunctions which may occur more frequently and which, separately, would not create an ignition hazard but which, in combination, could create a potential ignition hazard, are regarded as occurring together to form a rare malfunction. This standard supplements and modifies the general requirements of IEC 60079-0. Where a requirement of this standard conflicts with a requirement of IEC 60079-0, the requirement of this standard takes precedence.

Keel: en
Alusdokumendid: IEC 60079-26:2014; EN 60079-26:2015

Asendab dokumenti: EVS-EN 60079-26:2007

EVS-EN 60598-1:2015

Valgustid. Osa 1: Üldnõuded ja katsetused
Luminaires - Part 1: General requirements and tests

IEC 60598-1:2014 specifies general requirements for luminaires, incorporating electric light sources for operation from supply voltages up to 1 000 V. The requirements and related tests of this standard cover: classification, marking, mechanical construction, electrical construction and photobiological safety. This eighth edition cancels and replaces the seventh edition published in 2008. This edition constitutes a technical revision and includes the following significant technical changes with respect to the previous edition: a) requirements to support the construction methods for new LED luminaires entering the market; b) photobiological requirements extended; c) more precise requirements for insulation between different types of electrical circuit; d) other general updates and improvements.

Keel: en
Alusdokumendid: IEC 60598-1:2014; EN 60598-1:2015
Asendab dokumenti: EVS-EN 60598-1:2008
Asendab dokumenti: EVS-EN 60598-1:2008/A11:2009

EVS-EN 61082-1:2015

Preparation of documents used in electrotechnology - Part 1: Rules

This part of IEC 61082 establishes general rules and guidelines for the presentation of information in documents, and specific rules for diagrams, drawings and tables used in electrotechnology. Excluded from this part of IEC 61082 are rules and guidelines for all kind of audio or video or tactile presentations. This horizontal standard is primarily intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 108. One of the responsibilities of a technical committee is, wherever applicable, to make use of horizontal standards in the preparation of its publications. The contents of this horizontal standard will not apply unless specifically referred to or included in the relevant publications.

Keel: en
Alusdokumendid: IEC 61082-1:2014; EN 61082-1:2015
Asendab dokumenti: EVS-EN 61082-1:2006

EVS-EN 61557-16:2015

Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 16: Equipment for testing the effectiveness of the protective measures of electrical equipment and/or medical electrical equipment

IEC 61557-16:2014 defines performance requirements for test and measurement equipment to determine the effectiveness of the protective measures of electrical measures for electrical equipment and/or medical electrical equipment described in IEC 62353. It is the intention of this standard to achieve comparable measuring results, additional safety for the testing person and negligible electrical stress for the unit under test. Keywords: leakage current, patient applied part

Keel: en
Alusdokumendid: IEC 61557-16:2014; EN 61557-16:2015

31 ELEKTROONIKA

EVS-EN 16602-70-10:2015

Space product assurance - Qualification of printed circuit boards

This Standard defines the requirements for evaluation, qualification and maintenance of qualification of PCB manufacturers for different types of PCBs. This Standard is applicable to the following type of PCBs: - Rigid PCBs (single-sided, double-sided, multilayer, sequential-laminated multilayer, metal core) - Flexible PCB (single-sided and double-sided) - Rigid-flex PCBs (multilayer and sequential-laminated multilayer) - High frequency PCBs - Special PCBs. PCBs are used for the mounting of components in order to produce PCB assemblies performing complex electrical functions. The PCBs are subjected to thermal and mechanical shocks during their assembly such as mounting of components by soldering, rework and repair under normal terrestrial conditions, and in addition the complex PCB assembly are subjected to the environment imposed by launch and space flights. This standard may be tailored for the specific characteristics and constraints of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-Q-ST-70-10C; EN 16602-70-10:2015

EVS-EN 16602-70-11:2015

Space product assurance - Procurement of printed circuit boards

This Standard defines the requirements imposed on the customer, the supplier and the qualified PCB manufacturer for PCB procurement. The requirements of clause 7 apply to both qualification and procurement of finished PCBs and do not include the manufacturing tolerances. This Standard is applicable for the following type of boards: - Rigid PCBs (single-sided, double-sided, multilayer, sequential multilayer and PCBs with metal core) - Flexible PCBs (single-sided and double-sided) - Rigid-flex PCBs (multilayer and sequential multilayer) - High frequency PCBs - Special PCBs. PCBs are used for the mounting of components in order to produce PCB assemblies performing complex electrical functions. The PCBs are subjected to thermo-mechanical stresses during their assembly such as mounting of components by soldering, rework and repair under normal terrestrial

conditions. In addition the assembled PCB is subjected to the environment imposed by launch and space flights. Therefore the qualification of a PCB supplier to ECSS-Q-ST-70-10 is of extreme importance before the procurement of PCB for space usage. This standard may be tailored for the specific characteristics and constraints of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-Q-ST-70-11C; EN 16602-70-11:2015

EVS-EN 60115-2:2015

Fixed resistors for use in electronic equipment - Part 2: Sectional specification: Leaded fixed low power film resistors

IEC 60115-2:2014 is applicable to leaded fixed low-power film resistors for use in electronic equipment. These resistors are typically described according to types (different geometric shapes) and styles (different dimensions) and product technology. The resistive element of these resistors is typically protected by a conformal lacquer coating. These resistors have wire terminations and are primarily intended to be mounted on a circuit board in through-hole technique. The object of this standard is to prescribe preferred ratings and characteristics and to select from IEC 60115-1, the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of resistor. This edition includes the following significant technical changes with respect to the previous edition: - it includes test conditions and requirements for lead-free soldering and assessment procedures meeting the requirements of a "zero defect" approach; - it introduces a product classification based on application requirements; - it includes an extension of the list of styles and dimensions; - it includes the use of an extended scope of stability class definitions; - it includes the extension of the lists of preferred values of ratings; - it includes test conditions and requirements for lead-free soldering, for periodic overload and for resistance to electrostatic discharge (ESD); - it includes a new set of severities for a shear test; - it includes definitions for a test board; - it includes the replacement of assessment level E and possible others by the sole assessment level EZ, meeting the requirements of a "zero defect" approach; - it includes an extended endurance test, a flammability test, a temperature rise test, vibration tests, an extended rapid change of temperature test, and a single pulse high-voltage overload test; - it includes requirements applicable to 0-ohm resistors (jumpers); - it includes recommendations for the denomination, description, packaging and quality assessment of radial formed styles; - it includes prescriptions for endurance testing at room temperature, supplementary to the rulings of IEC 60115-1.

Keel: en
Alusdokumendid: IEC 60115-2:2014; EN 60115-2:2015
Asendab dokumenti: EVS-EN 140100:2008

EVS-EN 62137-4:2014/AC:2015

Electronics assembly technology - Part 4: Endurance test methods for solder joint of area array type package surface mount devices

Corrigendum to EN 62137-4:2014

Keel: en
Alusdokumendid: EN 62137-4:2014/AC:2015
Parandab dokumenti: EVS-EN 62137-4:2014

33 SIDETEHNIKA

EVS-EN 16603-50-53:2015

Space engineering - SpaceWire - CCSDS packet transfer protocol

There is a number of communication protocols that can be used in conjunction with the SpaceWire Standard (ECSS-E-ST-50-12), to provide a comprehensive set of services for onboard user applications. To distinguish between the various protocols a protocol identifier is used, as specified in ECSS-E-ST-50-51. This Standard specifies the CCSDS packet transfer protocol, which is one of these protocols that works over SpaceWire. The aim of the CCSDS Packet Transfer Protocol is to transfer CCSDS Packets across a SpaceWire network. It does this by encapsulating the CCSDS Packet in a SpaceWire packet, transferring it across the SpaceWire network and then extracting the CCSDS Packet at the target. This standard may be tailored for the specific characteristic and constrains of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-E-ST-50-53C; EN 16603-50-53:2015

EVS-EN 300 019-2-1 V2.2.1:2015

Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-1: Specification of environmental tests; Storage

Update refernce list in Chapter 2 and update of new standard for testing

Keel: en
Alusdokumendid: EN 300 019-2-1 V2.2.1

EVS-EN 302 099 V2.1.1:2015

Environmental Engineering (EE); Powering of equipment in access network

To address local & remote powering, power management (alarms), safety, earthing & bonding, resistibility & EMC, environmental conditions. Liaison required with CLC TC215.

Keel: en
Alusdokumendid: EN 302 099 V2.1.1

EVS-EN 302 561 V1.3.2:2015

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Liikuv maaside; Sageduskanalis laiusega 25 kHz, 50 kHz, 100 kHz või 150 kHz töötavad pidevat või vahelduvat mähisjoone modulatsiooni kasutavad raadioseadmed; Harmoneeritud EN&TTE direktiivi artikli 3.2 põhinõuete alusel

Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment using constant or non-constant envelope modulation operating in a channel bandwidth of 25 kHz, 50 kHz, 100 kHz or 150 kHz; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

To revise EN 302 561 to include repeaters.

Keel: en
Alusdokumendid: EN 302 561 V1.3.2

EVS-EN 302 636-3 V1.2.1:2015

Intelligent Transport Systems (ITS); Vehicular Communications; GeoNetworking; Part 3: Network Architecture

Revision of the TS 102 636 - 3 according to ETSI TC ITS work progress; harmonization as far as possible with other standardization work and received change requests before proposing it as an EN in conformity with M/453 mandate.

Keel: en
Alusdokumendid: EN 302 636-3 V1.2.0

EVS-EN 302 636-4-1 V1.2.1:2015

Intelligent Transport Systems (ITS); Vehicular Communications; GeoNetworking; Part 4: Geographical addressing and forwarding for point-to-point and point-to-multipoint communications; Sub-part 1: Media-Independent Functionality

Revision of the TS 102 636 - 4 - 1 according to ETSI TC ITS work progress; harmonization as far as possible with other standardization work and received change requests before proposing it as an EN in conformity with M/453 mandate.

Keel: en
Alusdokumendid: EN 302 636-4-1 V1.2.1

EVS-EN 302 636-5-1 V1.2.1:2015

Intelligent Transport Systems (ITS); Vehicular Communications; GeoNetworking; Part 5: Transport Protocols; Sub-part 1: Basic Transport Protocol

Revision of the TS 102 636 - 5 - 1 according to ETSI TC ITS work progress; harmonization as far as possible with other standardization work and received change requests before proposing it as an EN in conformity with M/453 mandate.

Keel: en
Alusdokumendid: EN 302 636-5-1 V1.2.1

EVS-EN 302 895 V1.1.1:2015

Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Local Dynamic Map (LDM)

Scoping the Local Dynamic Map standardization and developing the related technical specification

Keel: en
Alusdokumendid: EN 302 895 V1.1.1

EVS-EN 303 098-2 V1.2.1:2015

Elektromangetiline ühilduvus ja raadiospektri küsimused (ERM); Madala võimsusega töötav isikliku kasutusega asukoha määramise mereside avariipoi (personaalne raadiopoi), mis kasutab automaatset identifitseerimissüsteemi (AIS); Osa 2: Harmoneeritud EN R&TTE direktiivi 3.2 põhinüuete alusel

Electromagnetic compatibility and Radio spectrum Matters (ERM); Maritime low power personal locating devices employing AIS; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

Harmonised Standard for man overboard device using all AIS signalling according to IEC 62287-2 (DSC class B) and IEC 61993-2 (class A).

Keel: en
Alusdokumendid: EN 303 098-2 V1.1.1

EVS-EN 303 135 V1.1.1:2015

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Rannikuseire, laevaliikluse juhtimise süsteemid ja sadama radarid (CS/VTS/HR); Harmoneeritud EN R&TTE direktiivi artikli 3 lõige 2 alusel

Electromagnetic compatibility and Radio spectrum Matters (ERM); Coastal Surveillance, Vessel Traffic Services and Harbour Radars (CS/VTS/HR); Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

Harmonized EN covering essential requirementsof the art.3.2 of R&TTE directive. The standard covers radars for Coastal Survelliance, Vessel Traffic Systems, Harbour Radars normally operating in X band (from 8 GHz to 12 GHz). The work is equivalent of EN303213-6-1 because SMR radars use the same technology and frequency bands.

Keel: en
Alusdokumendid: EN 303 135 V1.1.1

EVS-EN 55016-1-5:2015

Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-5: Radio disturbance and immunity measuring apparatus - Antenna calibration sites and reference test sites for 5 MHz to 18 GHz

This part of CISPR 16 specifies the requirements for calibration sites in the frequency range 5 MHz to 18 GHz used to perform antenna calibrations according to CISPR 16-1-6. It also specifies the requirements for reference test sites (REFTS) that are used for the validation of compliance test sites (COMTS) in the frequency range 30 MHz to 1 000 MHz according to CISPR 16-1-4. It has the status of a basic EMC standard in accordance with IEC Guide 107, Electromagnetic compatibility – Guide to the drafting of electromagnetic compatibility publications. Measurement instrumentation specifications are given in CISPR 16-1-1 [1]1 and CISPR 16-1-4. Further information and background on uncertainties in general is given in CISPR 16-4 [3], which can also be helpful in establishing uncertainty estimates for the calibration processes of antennas and site validation measurements.

Keel: en
Alusdokumendid: CISPR 16-1-5:2014; EN 55016-1-5:2015
Asendab dokumenti: EVS-EN 55016-1-5:2004
Asendab dokumenti: EVS-EN 55016-1-5:2004/A1:2012

EVS-EN 55016-1-6:2015

Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-6: Radio disturbance and immunity measuring apparatus - EMC antenna calibration

This part of CISPR 16 provides procedures and supporting information for the calibration of antennas for determining antenna factors (AF) that are applicable to antennas intended for use in radiated disturbance measurements. It has the status of a basic EMC Standard in accordance with IEC Guide 107, Electromagnetic compatibility – Guide to the drafting of electromagnetic compatibility publications. The AF of an antenna is influenced by nearby surroundings and by its position in space relative to the radiating source. This standard focuses on antenna calibrations that provide the AF in a free-space environment in the direction of the boresight of the antenna. The frequency range addressed is 9 kHz to 18 GHz. The relevant antenna types covered in this standard are monopole, loop, dipole, biconical, log-periodic dipole-array (LPDA), hybrid and horn antennas. Guidance is also provided on measurement uncertainties associated with each calibration method and configuration, and the test instrumentation used.

Keel: en
Alusdokumendid: CISPR 16-1-6:2014; EN 55016-1-6:2015

EVS-EN 60728-1:2015

Cable networks for television signals, sound signals and interactive services - Part 1: System performance of forward paths

Käesolev EVS-EN 60728 osa on rakendatav igasuguse kaabelvõrgu (sealhulgas individuaalvastuvõtusüsteemide) puhul, millel on pärisuuna-ahelas koaksiaalväljund ja mis on mõeldud eelkõige televisiooni- ja raadiolevisignaalidele vahemikus ligikaudu 30 MHz kuni 3 000 MHz. Käesolev EVS-EN 60728 osa sätestab koaksiaalväljundit omavate kaabelvõrkude töökarakteristikute mõõtmise põhilised meetodid, eesmärgiga määrata nende süsteemide näitajad ja nende töö piirväärtused.

Keel: en
Alusdokumendid: IEC 60728-1:2014; EN 60728-1:2014
Asendab dokumenti: EVS-EN 60728-1:2008

EVS-EN 61290-1:2015

Optical amplifiers - Test methods - Part 1: Power and gain parameters

IEC 61290-1:2014 applies to all commercially available optical amplifiers (OAs) and optically amplified subsystems. It applies to OAs using optically pumped fibres (OFAs based on either rare-earth doped fibres or on the Raman effect), semiconductors (SOAs), and waveguides (POWAs). The object of this standard is to establish uniform requirements for accurate and reliable measurements of the following OA parameters, as defined in Clause 3 of IEC 61291-1:2012: - nominal output signal power; - gain; - reverse gain; - maximum gain; - maximum gain wavelength; - maximum gain variation with temperature; - gain wavelength band; - gain wavelength variation; - gain stability; - polarization-dependent gain; - large-signal output stability; - saturation output power; - maximum output signal power; - maximum total output power. The object of this standard is specifically directed to single-channel amplifiers. For multichannel amplifiers, one should refer to the IEC 61290-10 series. Keywords: optical amplifiers (OAs), optically pumped fibres (OFAs), semiconductors (SOAs), and waveguides (POWAs)

Keel: en
Alusdokumendid: IEC 61290-1:2014; EN 61290-1:2015

EVS-EN 62148-18:2015

Fibre optic active components and devices - Package and interface standards - Part 18: 40-Gbit/s serial transmitter and receiver components for use with the LC connector interface

IEC 62148-18:2014(E) covers the 40-Gbit/s serial physical interface specification of transmitter and receiver components for use with the LC connector interface. The purpose of this standard is to adequately specify the physical requirements of optical transmitters and receivers that will enable mechanical interchangeability of transmitters and receivers complying with this standard both at the PCB level and for any panel-mounting requirement. Keywords: 40-Gbit/s serial physical interface specification, LC connector

Keel: en
Alusdokumendid: IEC 62148-18:2014; EN 62148-18:2015

EVS-EN 62734:2015

Industrial networks - Wireless communication network and communication profiles - ISA 100.11a

IEC 62734:2014 provides specifications in accordance with the OSI Basic Reference Model, ISO/IEC 7498-1, (e.g., PhL, DL, etc.). It is intended to provide reliable and secure wireless operation for non-critical monitoring, alerting, supervisory control, open loop control, and closed loop control applications. It defines a protocol suite, including system management, gateway considerations, and security specifications, for low-data-rate wireless connectivity with fixed, portable, and slowly-moving devices, often operating under severe energy and power constraints. The application focus is the performance needs of process automation monitoring and control where end-to-end communication latencies on the order of at least 100 ms can be tolerated.

Keel: en
Alusdokumendid: IEC 62734:2014; EN 62734:2015

35 INFOTEHNOLOOGIA. KONTORISEADMED

EVS-EN 62734:2015

Industrial networks - Wireless communication network and communication profiles - ISA 100.11a

IEC 62734:2014 provides specifications in accordance with the OSI Basic Reference Model, ISO/IEC 7498-1, (e.g., PhL, DL, etc.). It is intended to provide reliable and secure wireless operation for non-critical monitoring, alerting, supervisory control, open loop control, and closed loop control applications. It defines a protocol suite, including system management, gateway considerations, and security specifications, for low-data-rate wireless connectivity with fixed, portable, and slowly-moving devices, often operating under severe energy and power constraints. The application focus is the performance needs of process automation monitoring and control where end-to-end communication latencies on the order of at least 100 ms can be tolerated.

Keel: en
Alusdokumendid: IEC 62734:2014; EN 62734:2015

45 RAUDTEETEHNIKA

EVS-EN 12929-1:2015

Ohutusnõuded inimeste transportimiseks mõeldud köisteepaigaldistele. Üldnõuded. Osa 1: Nõuded kõikidele paigaldistele
Safety requirements for cableway installations designed to carry persons - General requirements - Part 1: Requirements for all installations

1.1 Scope This part of EN 12929 specifies the safety requirements for the general requirements for cableway installations designed to carry persons. These requirements are applied to the various types of installations and their environment. This document defines general technical characteristics and prescribes design principles and general safety requirements. It does not deal with details of operation and maintenance, nor with calculations and detailed requirements for the manufacture of components. This Part 1 does not deal with special regulations applicable to bi-cable reversible aerial ropeways without carrier truck brakes, which are the subject of Part 2. It includes requirements relating to the prevention of accidents and the protection of workers. It does not apply to cableway installations for transportation of goods or to lifts. Clause 11 describes the minimum requirements to be normatively satisfied for passageways and work areas. National regulations of a building or federal/state nature or which serve to protect particular groups of people remain unaffected. It may not always be possible for all types of cableway installation to transport all particular groups of people (e.g. persons with restricted mobility). The objective should be, however, for a cableway installation to enable the transportation of the largest possible passenger population. 1.2 General principles 1.2.1 Stringent safety requirements are of the utmost importance for the design, manufacture, erection, maintenance and operation of cableway installations. The design, manufacture, erection, maintenance and operation of cableways shall only be entrusted to contractors and experts who have the necessary knowledge and experience and who can ensure careful execution of the installation and proper management of the operation. All the components shall be calculated exactly, be of a good mechanical and electrical design and be manufactured from adequate, defect-free materials possessing the required characteristics. 1.2.2 All components shall be kept in working order and in good condition. Reference is made to EN 1709 and EN 12397. 1.2.3 In addition to the European Standards specific to cableway installations, the relevant European specifications shall be used for the design, manufacture, erection, maintenance and operation of cableways. 1.2.4 This document takes into account, in certain cases, the careless behaviour of passengers. In all cases, use of the cableway in accordance with its intended use is assumed and not

misuse of the installation. 1.3 Exceptions 1.3.1 Exceptions to the requirements of Standards EN 1709, EN 1908, EN 1909, EN 12385-8, EN 12385-9, EN 12397, EN 12927, EN 12929-1, EN 12929-2, EN 12930, EN 13107, EN 13223, EN 13243, EN 13796-1, EN 13796-2 and EN 13796-3 are permissible, particularly in the case of innovation, if they are justified by a safety analysis and offer at least an equivalent level of safety. 1.3.2 Exceptions to this Standard are also permissible in the case of replacement of components in existing installations.

Keel: en
Alusdokumendid: EN 12929-1:2015
Asendab dokumenti: EVS-EN 12929-1:2004

EVS-EN 12929-2:2015

Ohutusnõuded inimeste transportimiseks mõeldud köisteepaigaldistele. Üldnõuded. Osa 2: Täiendavad nõuded reverseeritavatele mitme trossiga piduriteta liikuritega rippköisteedele
Safety requirements for cableway installations designed to carry persons - General requirements - Part 2: Additional requirements for reversible bicable aerial ropeways without carrier truck brakes

This European Standard specifies additional safety requirements for bicable reversible aerial ropeways without carrier truck brakes. This document is applicable to the various types of cableway installations and takes into account their environment. This Part of the EN 12929 contains: - additional requirements relating to the integrity of the haul rope loop; - additional requirements intended to prevent specific operational incidents; - requirements concerning the attachment of the carriers to the haul rope. This European Standard does not apply to cableway installations for transportation of goods nor to lifts.

Keel: en
Alusdokumendid: EN 12929-2:2015
Asendab dokumenti: EVS-EN 12929-2:2004

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 16601-00-01:2015

Space systems - Glossary of terms

This document controls the definition of all common terms used in the European Cooperation for Space Standardization (ECSS) Standards System. Terms specific to a particular ECSS Standard are defined in that standard. This document does not include the definition of terms used with their common meaning. In this case, the definition from the Oxford English Dictionary applies.

Keel: en
Alusdokumendid: ECSS-S-ST-00-01C; EN 16601-00-01:2015
Asendab dokumenti: EVS-EN 13701:2001

EVS-EN 16601-10:2015

Space project management - Project planning and implementation

The scope of this ECSS Standard is limited to describing the key elements of project planning and implementation and identifying the top level requirements and products that together provide a coherent and integrated project planning across the 3 ECSS branches. Where other ECSS management, engineering, or product assurance standards contain more specific and detailed requirements related to project planning, references are provided to identify where these can be found within the ECSS system. This standard may be tailored for the specific characteristic and constrains of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-M-ST-10 C Rev.1; EN 16601-10:2015
Asendab dokumenti: EVS-EN 13290-2:2002
Asendab dokumenti: EVS-EN 13290-3:2002
Asendab dokumenti: EVS-EN 13290-4:2002

EVS-EN 16602-70-08:2015

Space product assurance - Manual soldering of high-reliability electrical connections

This Standard defines the technical requirements and quality assurance provisions for the manufacture and verification of manually-soldered, high-reliability electrical connections. The Standard defines acceptance and rejection criteria for high reliability manufacture of manually-soldered electrical connections intended to withstand normal terrestrial conditions and the vibrational g-loads and environment imposed by space flight. The proper tools, correct materials, design and workmanship are covered by this document. Workmanship standards are included to permit discrimination between proper and improper work. The assembly of surface-mount devices is covered in ECSS-Q-ST-70-38. Requirements related to printed circuit boards are contained in ECSS-Q-ST-70-10 and ECSS-Q-ST-70-11. Verification of manual soldering assemblies which are not described in this standard are performed by vibration and thermal cycling testing. The requirements for verification are given in this Standard. This standard does not cover the qualification and acceptance of EQM and FM equipment with hand soldered connections. The qualification and acceptance tests of equipment manufactured in accordance with this Standard are covered by ECSS-E-ST-10-03. The mounting and supporting of components, terminals and conductors prescribed herein applies to assemblies designed to operate within the temperature limits of -55 °C to +85 °C. For temperatures outside this normal range, special design, verification and qualification testing is performed to ensure the necessary environmental survival capability. Special thermal heat sinks are applied to devices having high thermal dissipation (e.g. junction temperatures of 110 °C, power transistors) in order to ensure that solder joints do not exceed 85 °C. This standard may be tailored for the specific characteristic and constrains of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-Q-ST-70-08C; EN 16602-70-08:2015

EVS-EN 16602-70-09:2015

Space product assurance - Measurements of thermo-optical properties of thermal control materials

This Standard describes the methodology, instruments, equipment and samples, used to calculate the thermooptical properties of thermalcontrol materials. The following test methods are detailed in this Standard including the configuration of samples and calculations: • Solar absorptance using spectrometer. • Comparative test method. • Infrared emittance using thermal test method. • Infrared emittance using IR spectrometer. • Infrared emittance using portable equipment. This standard may be tailored for the specific characteristics and constraints of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-Q-ST-70-09C; EN 16602-70-09:2015

EVS-EN 16602-70-10:2015

Space product assurance - Qualification of printed circuit boards

This Standard defines the requirements for evaluation, qualification and maintenance of qualification of PCB manufacturers for different types of PCBs. This Standard is applicable to the following type of PCBs: - Rigid PCBs (single-sided, double-sided, multilayer, sequential-laminated multilayer, metal core) - Flexible PCB (single-sided and double-sided) - Rigid-flex PCBs (multilayer and sequential-laminated multilayer) - High frequency PCBs - Special PCBs. PCBs are used for the mounting of components in order to produce PCB assemblies performing complex electrical functions. The PCBs are subjected to thermal and mechanical shocks during their assembly such as mounting of components by soldering, rework and repair under normal terrestrial conditions, and in addition the complex PCB assembly are subjected to the environment imposed by launch and space flights. This standard may be tailored for the specific characteristics and constraints of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-Q-ST-70-10C; EN 16602-70-10:2015

EVS-EN 16602-70-11:2015

Space product assurance - Procurement of printed circuit boards

This Standard defines the requirements imposed on the customer, the supplier and the qualified PCB manufacturer for PCB procurement. The requirements of clause 7 apply to both qualification and procurement of finished PCBs and do not include the manufacturing tolerances. This Standard is applicable for the following type of boards: - Rigid PCBs (single-sided, double-sided, multilayer, sequential multilayer and PCBs with metal core) - Flexible PCBs (single-sided and double-sided) - Rigid-flex PCBs (multilayer and sequential multilayer) - High frequency PCBs - Special PCBs. PCBs are used for the mounting of components in order to produce PCB assemblies performing complex electrical functions. The PCBs are subjected to thermo-mechanical stresses during their assembly such as mounting of components by soldering, rework and repair under normal terrestrial conditions. In addition the assembled PCB is subjected to the environment imposed by launch and space flights. Therefore the qualification of a PCB supplier to ECSS-Q-ST-70-10 is of extreme importance before the procurement of PCB for space usage. This standard may be tailored for the specific characteristics and constraints of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-Q-ST-70-11C; EN 16602-70-11:2015

EVS-EN 16602-70-13:2015

Space product assurance - Measurements of the peel and pull-off strength of coatings and finishes using pressure-sensitive tapes

This Standard details a test in which pressure- sensitive tapes are used to assess the suitability of, for example, coatings, paints, films and other thin materials, proposed for use on spacecraft and associated equipment. Surface coatings, such as thermal control paints and corrosion protection coatings, are affected, both on the ground and after launch, by exposure to the environment. It is therefore important that the adhesion of the coating to the relevant substrate remains at an acceptable level after exposure to the relevant environmental condition. The following materials and assemblies are covered by this test method: organic coating, e.g. varnishes, paints and plastic films; metallic finishes on, for example, printed circuit boards, second- surface mirrors, thermal radiators, plastic films; adhesive layers; composite thin films; small assemblies, e.g. solar cells having attached glass covers. This standard may be tailored for the specific characteristics and constrains of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-Q-ST-70-13C_Rev1; EN 16602-70-13:2015
Asendab dokumenti: EVS-EN 14099:2002

EVS-EN 16602-70-50:2015

Space product assurance - Particles contamination monitoring for spacecraft systems and cleanrooms

This standard defines the requirements and guidelines for the measurement of particulate contamination on the surfaces of spacecraft systems and those of the cleanrooms or other cleanliness controlled areas in which they reside. This includes the measurement of particulate contamination that is present on the spacecraft or cleanroom surfaces via the use of representative witness samples placed in the vicinity of the spacecraft hardware, the direct measurement of particulate contamination levels on

surfaces of spacecraft hardware from the direct surface transfer to adhesive tape-lift samples and particulate contaminant levels within fluids used for the cleaning or rinsing of such spacecraft system components and cleanroom surfaces. This standard also defines the methods to be used for the visual inspection of spacecraft system hardware for particulate contamination. The measurement of airborne particulate contamination is not covered in this standard and ISO 14644 “Cleanrooms and associated controlled environments” is applicable in this case. This standard does not cover particulate contamination monitoring for spacecraft propulsion hardware which is covered in ECSS-E-ST-35-06. This standard may be tailored for the specific characteristic and constrains of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-Q-ST-70-50C; EN 16602-70-50:2015

EVS-EN 16602-70-53:2015

Space product assurance - Materials and hardware compatibility tests for sterilization processes

This Standard describes a test protocol to determine the compatibility of materials, components, parts, and assemblies with sterilization processes. It is dedicated to test on non-flight hardware only. Any additional requirements that can be imposed by the potential use of test samples as flight hardware are not covered in this document (e.g. handling requirements). This Standard covers the following: • Identification of critical test parameters to establish functional integrity of the hardware. • Typical test protocols. • Acceptance criteria. Statements about compatibility of materials and components with sterilization processes in this document are made in general terms only. Other factors for determination of whether a material or component is suitable for a particular mission system application include: • The potential number of sterilization cycles to which the material/component will be subjected in their live cycle. • The additional stresses on materials/components introduced when they have become part of a larger unit/equipment/system undergoing sterilization. • Compatibility of sterilization processes at e.g. materials level. This compatibility does not automatically guarantee that it will perform to its requirements in an assembly. The final application and possible interactions at higher assembly level are important considerations for qualification. • Qualification of hardware achieved by specific sterilization parameters. They cannot be necessarily extrapolated to other sterilization parameters, not even within the same sterilization process. • The drift in performance that can be induced by sterilization processes . This drift can cause equipments to fail to meet their specified performance requirements, even though each individual element/component remains within spec. An example of this is where ‘Select-on-test’ components are used to operate a component over a critically narrow range its full performance. To assess ultimately the suitability/compatibility of a material or component for an application requires a full consideration of the impact of sterilization processes to which it is subjected during its whole life. This includes sterilization processes it undergoes from the time it is a standalone component/material right through to when it experiences final sterilization as part of the complete system. This standard may be tailored for the specific characteristic and constrains of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-Q-ST-70-53C; EN 16602-70-53:2015

EVS-EN 16603-10-04:2015

Space engineering - Space environment

This standard applies to all product types which exist or operate in space and defines the natural environment for all space regimes. It also defines general models and rules for determining the local induced environment. Project-specific or project-class-specific acceptance criteria, analysis methods or procedures are not defined. The natural space environment of a given item is that set of environmental conditions defined by the external physical world for the given mission (e.g. atmosphere, meteoroids and energetic particle radiation). The induced space environment is that set of environmental conditions created or modified by the presence or operation of the item and its mission (e.g. contamination, secondary radiations and spacecraft charging). The space environment also contains elements which are induced by the execution of other space activities (e.g. debris and contamination). This standard may be tailored for the specific characteristic and constrains of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-E-ST-10-04C; EN 16603-10-04:2015
Asendab dokumenti: EVS-EN 14092:2002

EVS-EN 16603-50-53:2015

Space engineering - SpaceWire - CCSDS packet transfer protocol

There is a number of communication protocols that can be used in conjunction with the SpaceWire Standard (ECSS-E-ST-50-12), to provide a comprehensive set of services for onboard user applications. To distinguish between the various protocols a protocol identifier is used, as specified in ECSS-E-ST-50-51. This Standard specifies the CCSDS packet transfer protocol, which is one of these protocols that works over SpaceWire. The aim of the CCSDS Packet Transfer Protocol is to transfer CCSDS Packets across a SpaceWire network. It does this by encapsulating the CCSDS Packet in a SpaceWire packet, transferring it across the SpaceWire network and then extracting the CCSDS Packet at the target. This standard may be tailored for the specific characteristic and constrains of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-E-ST-50-53C; EN 16603-50-53:2015

EVS-EN 16603-70:2015

Space engineering - Ground systems and operations

Within the framework of the overall engineering standards for space missions, this Standard contains the basic rules, principles and requirements applied to the engineering of the ground segment and mission operations, which form an integral part of the overall system implementing a space project. This Standard also addresses the relationships between a customer and the ground segment supplier (GSS) and a customer and the operations supplier (OS). The following topics are not considered: Ground

systems (e.g. EGSE) and operations to support space segment verification which are covered within ECSS-E-ST-10-02. The launch segment and its operations. This Standard has the following structure: • definition of the ground segment and operations domain; • requirements on ground segment engineering, i.e. the tasks required to design, implement and maintain a ground segment; • requirements on operations engineering, i.e. the tasks required to prepare and carry out operations of a space project; • identification of the relationships between the ground segment engineering and operations engineering processes and the space project lifecycle as defined in ECSS-M-ST-10. This Standard may be tailored for the specific characteristics and constraints of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-E-ST-70 C; EN 16603-70:2015
Asendab dokumenti: EVS-EN 14737-1:2004
Asendab dokumenti: EVS-EN 14737-2:2004

EVS-EN 16603-70-01:2015

Space engineering - On-board control procedures

This Standard defines the concept for an OBCP system, identifying the on-board functionality for OBCP execution and the ground functionality for OBCP preparation and subsequent control. This Standard also defines the development lifecycle for OBCPs and identifies the relationships of this lifecycle with the overall space system, and in particular with the other elements of the on-board software. This Standard assumes that missions implementing OBCPs are also compliant with ECSS-E-70-41, since a number of services contained therein are invoked in support of the operation of OBCPs and their interaction with the ground. This Standard may be tailored for the specific characteristic and constraints of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-E-ST-70-01C; EN 16603-70-01:2015

EVS-EN 16603-70-11:2015

Space engineering - Space segment operability

This Standard contains provisions for the design of on-board functions for unmanned space segments in order to ensure that the space segment can be operated in-flight in any nominal or predefined contingency situation. The requirements in this Standard are grouped in two clauses, containing general operability requirements and detailed operability requirements, respectively. The general operability requirements can be applied to all missions, whilst the detailed operability requirements are only applicable if the corresponding on-board function is implemented. The operability of the space segment to meet mission-specific requirements is outside the scope of this standard. To support the users of this Standard in tailoring the requirements to the needs of their particular mission, Annex B contains a table that indicates, for each requirement, the potential impact of its omission. This standard may be tailored for the specific characteristics and constraints of a space project, in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-E-ST-70-11C; EN 16603-70-11:2015

EVS-EN 16603-70-31:2015

Space engineering - Ground systems and operations - Monitoring and control data definition

This Standard defines the monitoring and control data that a supplier delivers together with a product in order to allow a customer to perform space system integration, testing and mission operations. The requirements in this Standard are defined in terms of what data is provided by the supplier to the customer. How this data is provided (e.g. using spreadsheet data or XML) is outside of scope. The Standard assumes that missions conform to the following ECSS standards: • ECSS-E-ST-50 and ECSS-E-ST-70; • ECSS E ST-70 41; • ECSS E ST-70 32. This standard may be tailored for the specific characteristics and constrains of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-E-ST-70-31C; EN 16603-70-31:2015

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN 13250:2014+A1:2015

Geotekstiilid ja analoogse funktsiooniga tooted. Nõutavad omadused raudteede ehitamisel Geotextiles and geotextile-related products - Characteristics required for use in the construction of railways

This European Standard specifies the relevant characteristics of geotextiles and geotextile-related products used in the construction of railways, and the appropriate test methods to determine these characteristics. The intended use of these geotextiles or geotextile-related products is to fulfil one or more of the following functions: filtration, separation, and reinforcement. The separation function will always occur in conjunction with filtration or reinforcement, and hence will not be specified alone. This European Standard applies in superstructure-ballast or substructure-blanket layer, within a sub-grade. This European Standard is not applicable to geosynthetic barriers, as defined in EN ISO 10318. This European Standard provides for the assessment and verification of constancy of performance of the product to this European Standard and for factory production control procedures. NOTE Particular application cases may contain requirements regarding additional properties and – preferably standardised – test methods, if they are technically relevant. This European Standard may be used to derive design values by taking into account factors within the context of the definitions given in EN 1997 1 (Eurocode 7), e.g. factors of safety. The design life of the product should be determined, since its function may be temporary, as a construction expediency, or permanent, for the lifetime of the structure.

Keel: en
Alusdokumendid: EN 13250:2014+A1:2015

Asendab dokumenti: EVS-EN 13250:2014

EVS-EN 13252:2014+A1:2015

Geotekstiilid ja analoogse funktsiooniga tooted. Nõutavad omadused drenaažsüsteemide rajamisel

Geotextiles and geotextile-related products - Characteristics required for use in drainage systems

This European Standard specifies the relevant characteristics of geotextiles and geotextile-related products used in drainage systems and the appropriate test methods to determine these characteristics. The intended use of these geotextiles or geotextile-related products is to fulfil one or more of the following functions: filtration, separation and drainage. The separation function is always used in conjunction with filtration or drainage. Accordingly, separation will never be specified alone. This European Standard is not applicable to geosynthetic barriers, as defined in EN ISO 10318. This European Standard provides for the assessment and verification of constancy of performance of the product to this European Standard and for factory production control procedures. This European Standard defines requirements to be met by manufacturers and distributors with regard to the presentation of product properties. NOTE Particular application cases may contain requirements regarding additional properties and – preferably standardised – test methods, if they are technically relevant. This European Standard may be used to derive design values by taking into account factors within the context of the definitions given in EN 1997 1 (Eurocode 7), e.g. factors of safety. The design life of the product should be determined, since its function may be temporary, as a construction expediency, or permanent, for the lifetime of the structure.

Keel: en
Alusdokumendid: EN 13252:2014+A1:2015
Asendab dokumenti: EVS-EN 13252:2014

EVS-EN 13254:2014+A1:2015

Geotekstiilid ja analoogse funktsiooniga tooted. Nõutavad omadused veehoidlate ja tammide ehitamisel

Geotextiles and geotextile-related products - Characteristics required for use in the construction of reservoirs and dams

This European Standard specifies the relevant characteristics of geotextiles and geotextile-related products used in the construction of reservoirs and dams, and the appropriate test methods to determine these characteristics. The intended use of these geotextiles or geotextile-related products is to fulfil one or more of the following functions: filtration, separation, reinforcement and protection. The separation function will always occur in conjunction with filtration or reinforcement, and hence will not be specified alone. This European Standard is not applicable to geosynthetic barriers, as defined in EN ISO 10318. This European Standard provides for the assessment and verification of constancy of performance of the product to this European Standard and for factory production control procedures. NOTE Particular application cases may contain requirements regarding additional properties and – preferably standardised – test methods, if they are technically relevant. This European Standard may be used to derive design values by taking into account factors within the context of the definitions given in EN 1997 1 (Eurocode 7), e.g. factors of safety. The design life of the product should be determined, since its function may be temporary, as a construction expediency, or permanent, for the lifetime of the structure.

Keel: en
Alusdokumendid: EN 13254:2014+A1:2015
Asendab dokumenti: EVS-EN 13254:2014

EVS-EN 13255:2014+A1:2015

Geotekstiilid ja analoogse funktsiooniga tooted. Nõutavad omadused kanaliehitusel

Geotextiles and geotextile-related products - Characteristics required for use in the construction of canals

This European Standard specifies the relevant characteristics of geotextiles and geotextile-related products used in the construction of canals, and the appropriate test methods to determine these characteristics. The intended use of these geotextiles or geotextile-related products is to fulfil one or more of the following functions: filtration, separation, reinforcement and protection. The separation function will always occur in conjunction with filtration or reinforcement, and hence will not be specified alone. This European Standard is not applicable to geosynthetic barriers, as defined in EN ISO 10318. This European Standard provides for the assessment and verification of constancy of performance of the product to this European Standard and for factory production control procedures. NOTE Particular application cases may contain requirements regarding additional properties and – preferably standardised – test methods, if they are technically relevant. This European Standard may be used to derive design values by taking into account factors within the context of the definitions given in EN 1997 1 (Eurocode 7), e.g. factors of safety. The design life of the product should be determined, since its function may be temporary, as a construction expediency, or permanent, for the lifetime of the structure.

Keel: en
Alusdokumendid: EN 13255:2014+A1:2015
Asendab dokumenti: EVS-EN 13255:2014

EVS-EN 13256:2014+A1:2015

Geotekstiilid ja analoogse funktsiooniga tooted. Nõutavad omadused tunnelite ja allmaakonstruktsioonide ehitamisel

Geotextiles and geotextile-related products - Characteristics required for use in the construction of tunnels and underground structures

This European Standard specifies the relevant characteristics of geotextiles and geotextile-related products used in the construction of tunnels and underground structures, and the appropriate test methods to determine these characteristics. The intended use of these geotextiles or geotextile-related products is to protect geosynthetic barriers used in tunnels and underground structures. This European Standard is not applicable to geosynthetic barriers, as defined in EN ISO 10318. This European Standard provides for the assessment and verification of constancy of performance of the product to this European Standard and for factory production control procedures. NOTE Particular application cases may contain requirements regarding additional properties and – preferably standardised – test methods, if they are technically relevant. This European Standard may be used to derive design values by taking into account factors within the context of the definitions given in EN 1997 1 (Eurocode 7), e.g. factors of safety. The design life of the product should be determined, since its function may be temporary, as a construction expediency, or permanent, for the lifetime of the structure.

Keel: en
Alusdokumendid: EN 13256:2014+A1:2015
Asendab dokumenti: EVS-EN 13256:2014

EVS-EN 13257:2014+A1:2015

Geotekstiilid ja analoogse funktsiooniga tooted. Nõutavad omadused tahkete jäätmete ladustamispaikade ehitamisel
Geotextiles and geotextile-related products - Characteristics required for use in solid waste disposals

This European Standard specifies the relevant characteristics of geotextiles and geotextile-related products used in solid waste disposals, and the appropriate test methods to determine these characteristics. The intended use of these geotextiles or geotextile-related products is to fulfil one or more of the following functions: filtration, separation, reinforcement and protection. The separation function will always occur in conjunction with filtration or reinforcement, and hence will not be specified alone. This European Standard is not applicable to geosynthetic barriers, as defined in EN ISO 10318. This European Standard provides for the assessment and verification of constancy of performance of the product to this European Standard and for factory production control procedures. NOTE Particular application cases may contain requirements regarding additional properties and – preferably standardized – test methods, if they are technically relevant. This European Standard may be used to derive design values by taking into account factors within the context of the definitions given in EN 1997 1 (Eurocode 7), e.g. factors of safety. The design life of the product should be determined, since its function may be temporary, as a construction expediency, or permanent, for the lifetime of the structure.

Keel: en
Alusdokumendid: EN 13257:2014+A1:2015
Asendab dokumenti: EVS-EN 13257:2014

EVS-EN 13265:2014+A1:2015

Geotekstiilid ja analoogse funktsiooniga tooted. Nõutavad omadused vedeljäätmete hoidlate ehitamisel
Geotextiles and geotextile-related products - Characteristics required for use in liquid waste containment projects

This European Standard specifies the relevant characteristics of geotextiles and geotextile-related products used in liquid waste containment projects, and the appropriate test methods to determine these characteristics. The intended use of these geotextiles or geotextile-related products is to fulfil one or more of the following functions: filtration, reinforcement and protection. This European Standard is not applicable to geosynthetic barriers, as defined in EN ISO 10318. This European Standard provides for the assessment and verification of constancy of performance of the product to this European Standard and for factory production control procedures. NOTE Particular application cases may contain requirements regarding additional properties and – preferably standardised – test methods, if they are technically relevant. This European Standard may be used to derive design values by taking into account factors within the context of the definitions given in EN 1997 1 (Eurocode 7), e.g. factors of safety. The design life of the product should be determined, since its function may be temporary, as a construction expediency, or permanent, for the lifetime of the structure.

Keel: en
Alusdokumendid: EN 13265:2014+A1:2015
Asendab dokumenti: EVS-EN 13265:2014

65 PÕLLUMAJANDUS

EVS-EN 50636-2-107:2015

Safety of household and similar appliances - Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers

This European Standard specifies safety requirements and their verification for the design and construction of robotic battery powered electrical rotary lawnmowers and their peripherals with the rated voltage of the battery being not more than 75 V d.c. charged by mains electrical and/or alternative energies, e.g. solar power. This European Standard does not apply to non-robotic machines such as lawn trimmers, lawn edge trimmers, lawn edgers, ride-on lawnmowers or pedestrian controlled lawnmowers. This European Standard is not applicable to EMC and environmental hazards (except noise). This European Standard does not apply to internal combustion engine(s), hybrid and fuel cell powered machines and associated charging systems. This European Standard deals with all the significant hazards presented by battery powered robotic lawnmowers and their peripherals when they are used as intended and under conditions of misuse which are reasonably foreseeable. This European Standard is not applicable to machines, which are manufactured before the date of publication of this document by CENELEC. NOTE This European Standard does not apply to battery chargers (EN 60335-2-29:2004).

Keel: en
Alusdokumendid: IEC 60335-2-107:2012; EN 50636-2-107:2015

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 15768:2015

Influence of materials on water intended for human consumption - GC-MS identification of water leachable organic substances

This European Standard describes a method for detecting and identifying organic chemicals that are amenable to GC-MS analysis using the procedures described and which can migrate from a product into water intended for human consumption. This European Standard does not provide all the necessary tools to completely identify all the substances that are detected. A method of semi-quantitatively estimating the concentrations of the organic substances detected is also provided, however, concentrations should only be seen as indicative. NOTE The method to be used for the preparation of migration waters is specified by separate EN's, as noted below.

Keel: en
Alusdokumendid: EN 15768:2015

EVS-EN ISO 5527:2015

Cereals - Vocabulary (ISO 5527:2015)

This International Standard defines terms relating to cereals. NOTE 1 In addition to terms used in English and French, two of the three official ISO languages, this document gives the equivalent terms in Spanish, German and Chinese; these are published under the responsibility of the member bodies for Argentina (IRAM), Germany (DIN) and China (SAC) and are given for information only. Only the terms and definitions given in the official languages can be considered as ISO terms and definitions. The terms are given under the following headings: 2 General terminology; 3 Terminology relating to physiology; 4 Terminology relating to morphology; 5 Terminology relating to technology of cereals; 6 Terminology relating to cereal products; 7 Terminology relating to test methods. NOTE 2 See ISO 5526[6] for a list of principal cereal species with their botanic names and common names.

Keel: en
Alusdokumendid: EN ISO 5527:2015; ISO 5527:2015

71 KEEMILINE TEHNOLOOGIA

EVS-EN 15768:2015

Influence of materials on water intended for human consumption - GC-MS identification of water leachable organic substances

This European Standard describes a method for detecting and identifying organic chemicals that are amenable to GC-MS analysis using the procedures described and which can migrate from a product into water intended for human consumption. This European Standard does not provide all the necessary tools to completely identify all the substances that are detected. A method of semi-quantitatively estimating the concentrations of the organic substances detected is also provided, however, concentrations should only be seen as indicative. NOTE The method to be used for the preparation of migration waters is specified by separate EN's, as noted below.

Keel: en
Alusdokumendid: EN 15768:2015

EVS-EN 16136:2015

Automotive fuels - Determination of manganese and iron content in unleaded petrol - Inductively coupled plasma optical emission spectrometry (ICP OES) method

This European Standard specifies a method based on inductively coupled plasma optical emission spectrometry (ICP OES) for the determination of manganese content from about 0,5 mg/l to about 7,5 mg/l and of iron content from about 1,4 mg/l to about 6,0 mg/l in unleaded petrol containing up to 3,7 % (m/m) oxygen. 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 to determine the applicability of regulatory limitations prior to use. NOTE 1 Manganese as MMT and iron as ferrocene are added to petrol to increase anti-knock properties. NOTE 2 Solutions of MMT in petrol are unstable when exposed to light. Low and erratic results are expected if petrol samples are exposed to light prior the analysis. Iron and manganese contents higher than 6,0 mg/l and 7,5 mg/l respectively may be measured after preliminary dilution of the sample with a suitable solvent. However, the precision has not been established for such a procedure. Further work regarding automotive ethanol (E85) fuel is on-going in CEN. NOTE 3 For the purposes of this European Standard, the terms "% (m/m)" and "% (V/V)" are used to represent the mass fraction (μ) and the volume fraction (φ) of a material respectively.

Keel: en
Alusdokumendid: EN 16136:2015
Asendab dokumenti: EVS-EN 16136:2011

73 MÄENDUS JA MAAVARAD

EVS-ISO 29541:2015

Tahked mineraalsed kütused. Süsiniku, vesiniku ja lämmastiku kogusisalduse määramine. Instrumentaalne meetod
Solid mineral fuels -- Determination of total carbon, hydrogen and nitrogen content -- Instrumental method

See rahvusvaheline standard kirjeldab instrumentaalset meetodit kogu süsiniku, vesiniku ja lämmastiku määramiseks söes ja koksis. MÄRKUS See rahvusvaheline standard on valideeritud ainult söele vastavalt ISO 5725-1 põhimõtetele.

Keel: en
Alusdokumendid: ISO 29541:2010

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 16136:2015

Automotive fuels - Determination of manganese and iron content in unleaded petrol - Inductively coupled plasma optical emission spectrometry (ICP OES) method

This European Standard specifies a method based on inductively coupled plasma optical emission spectrometry (ICP OES) for the determination of manganese content from about 0,5 mg/l to about 7,5 mg/l and of iron content from about 1,4 mg/l to about 6,0 mg/l in unleaded petrol containing up to 3,7 % (m/m) oxygen. 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 to determine the applicability of regulatory limitations prior to use. NOTE 1 Manganese as MMT and iron as ferrocene are added to petrol to increase anti-knock properties. NOTE 2 Solutions of MMT in petrol are unstable when exposed to light. Low and erratic results are expected if petrol samples are exposed to light prior the analysis. Iron and manganese contents higher than 6,0 mg/l and 7,5 mg/l respectively may be measured after preliminary dilution of the sample with a suitable solvent. However, the precision has not been established for such a procedure. Further work regarding automotive ethanol (E85) fuel is on-going in CEN. NOTE 3 For the purposes of this European Standard, the terms "% (m/m)" and "% (V/V)" are used to represent the mass fraction (μ) and the volume fraction (φ) of a material respectively.

Keel: en
Alusdokumendid: EN 16136:2015
Asendab dokumenti: EVS-EN 16136:2011

EVS-ISO 29541:2015

Tahked mineraalsed kütused. Süsiniku, vesiniku ja lämmastiku kogusisalduse määramine. Instrumentaalne meetod
Solid mineral fuels -- Determination of total carbon, hydrogen and nitrogen content -- Instrumental method

See rahvusvaheline standard kirjeldab instrumentaalset meetodit kogu süsiniku, vesiniku ja lämmastiku määramiseks söes ja koksis. MÄRKUS See rahvusvaheline standard on valideeritud ainult söele vastavalt ISO 5725-1 põhimõtetele.

Keel: en
Alusdokumendid: ISO 29541:2010

77 METALLURGIA

EVS-EN 10293:2015

Steel castings - Steel castings for general engineering uses

This European Standard applies to steel castings: - for general engineering uses. Its uses include machinery (mechanical, electrical...), automotive industries, railroad, armament, agricultural equipment, mining, etc. In cases where castings are joined by welding by the founder, this document applies. In cases where castings are welded: - to wrought products (plates, tubes, forgings...), or - by non-founders, this document does not apply.

Keel: en
Alusdokumendid: EN 10293:2015
Asendab dokumenti: EVS-EN 10293:2005
Asendab dokumenti: EVS-EN 10293:2005/AC:2008

EVS-EN 1371-2:2015

Metallivalu. Kapillaardefektoskoopia. Osa 2: Väljasulatatavate mudelitega valu
Founding - Liquid penetrant testing - Part 2: Investment castings

This European Standard specifies a liquid penetrant testing method for castings produced by investment casting for general purposes. NOTE Investment casting is sometimes referred to as lost-wax casting. This European Standard applies to all cast metals, except copper-tin and/or copper-tin-lead alloy castings, where copper is the major constituent (see EN 1982 [3]).

Keel: en
Alusdokumendid: EN 1371-2:2015

Asendab dokumenti: EVS-EN 1371-2:2000

91 EHITUSMATERJALID JA EHITUS

EVS 894:2008/A2:2015
Loomulik valgustus elu- ja bürooruumides
Daylight in dwellings and offices

EVS 894+A1 muudatus A2

Keel: et
Muudab dokumenti: EVS 894:2008

EVS 894:2008+A2:2015
Loomulik valgustus elu- ja bürooruumides
Daylight in dwellings and offices

Standardis esitatakse soovitused päevavalguse projekteerimiseks.

Keel: et
Alusdokumendid: EVS 894:2008; EVS 894:2008/A2:2015; EVS 894:2008/A1:2010

EVS-EN 13163:2012+A1:2015
Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud paisutatud polüstüreenist tooted (EPS). Spetsifikatsioon
Thermal insulation products for buildings - Factory made expanded polystyrene (EPS) products - Specification

This European Standard specifies the requirements for factory made expanded polystyrene products, with or without rigid or flexible facings or coatings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards or rolls or other preformed ware (flat, tapered, tongue and grooves, shiplap, profiled etc.). Products covered by this standard are also used for sound insulation and in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. This standard does not specify the required class or level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The classes and levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than 0,25 m2 K/W or a declared thermal conductivity at 10 °C greater than 0,060 W/(m K) are not covered by this standard. This standard does not cover in-situ insulation products (covered by FprEN 16025-1 and -2), products intended to be used for the insulation of building equipment and industrial installations (covered by EN 14309), products intended to be used in civil engineering applications (covered by EN 14933) and products intended to be used in beam and block systems in floors (covered by EN 15037-4).

Keel: en
Alusdokumendid: EN 13163:2012+A1
Asendab dokumenti: EVS-EN 13163:2012

EVS-EN 13164:2012+A1:2015
Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud ekstrudeeritud vahtpolüstüreentooted (XPS). Spetsifikatsioon
Thermal insulation products for buildings - Factory made extruded polystyrene foam (XPS) products - Specification

This European Standard specifies the requirements for factory made products of extruded polystyrene foam, with or without facings or coatings, which are used for thermal insulation of buildings. The products are manufactured in the form of boards, which are also available with special edge and surface treatment (tongue & grooves, shiplap etc.). This standard includes XPS multi-layered insulation boards with layers perpendicular to the edges of the board, i.e. layers parallel to the surface of the final board. Products covered by this standard are also used in prefabricated thermal insulating systems and composite panels; the performance of systems incorporating these products is not covered. This standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. The standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than 0,25 m2 K/W or a declared thermal conductivity greater than 0,060 W/(m K) at 10 °C are not covered by this standard. This standard does not cover in situ insulation products, nor products intended to be used for the insulation of building equipment and industrial installations, or civil engineering applications or acoustic insulation.

Keel: en
Alusdokumendid: EN 13164:2012/FprA1; EN 13164:2012+A1:2015
Asendab dokumenti: EVS-EN 13164:2012

EVS-HD 60364-7-753:2015
Madalpingelised elektripaigaldised. Osa 7-753: Nõuded eripaigaldistele ja -paikadele. Küttekaablid ja sisseehitatud küttesüsteemid

Low-voltage electrical installations - Part 7-753: Requirements for special installations or locations - Heating cables and embedded heating systems

IEC 60364 see osa kehtib elektriliste sisseehitatud pindküttesüsteemide kohta. See kehtib ka elektriliste jääsulatus- ja külmumisvältimissüsteemide või muude taoliste rakenduste kohta. Arvestatakse nii sise- kui ka välispaigaldisi. Tööstus- ja kommertsrakendustes kasutatavaid küttesüsteeme, mille kohta kehtivad standardite IEC 60519, IEC 62395 ja IEC 60079 vastavad osad, ei arvestata. MÄRKUS Selles standardis arvestatavate küttesüsteemide hulka kuuluvad näiteks seinte, lagede, põrandate, katuste, veeäraviigutorude, räästarennide, torude, treppide, tänavate, teede ja mittekülmuvate kompaktsete alade (nt jalgpalli- ja tenniseväljakute) küttesüsteemid.

Keel: en, et
Alusdokumendid: IEC 60364-7-753:2014; HD 60364-7-753:2014; HD 60364-7-753:2014/AC:2014
Asendab dokumenti: EVS-HD 384.7.753 S1:2006

93 RAJATISED

EVS 924:2015

Vesiehitised sisevetel. Põhialused
Hydraulic structures on inland waters - Basic principles

See Eesti standard rakendub voolu- või seisuveekogudele vee kasutamise ja kaitse eesmärgil rajatud vesiehitistele ning nende ehitamisele. Standardis määratletakse ja liigitatakse voolu- ja seisuveekogudel paiknevaid vesiehitisi alljärgnevalt: • veejuhtmed (nt kanalid, kraavid, torustikud, truubid, düükrid, veetunnelid); • paisveekogud, paisehitised ja nende osad (nt ülevoolud, liigveelaskmed, varjad); • kalapääsud; • kalakasvandused; • veeliiklusega seotud rajatised; • pumplad ja survetorustikud.

Keel: et

97 OLME. MEELELAHUTUS. SPORT

CEN/TR 16512:2015

Child use and care articles - Guidelines for the safety of children’s slings

This Technical Report covers a product which is designed to carry a child solely on the carer’s torso, which does not have integrated openings for the child’s limbs and is designed to allow the carer a hands-free operation when standing and/or walking. An integrated leg opening is an opening for the child’s legs which exists in the product prior to installation on the carer’s torso. A leg opening which is formed when the carer wears the product is not an integrated opening. Children’s slings are not covered by EN 13209-1 and EN 13209-2.

Keel: en
Alusdokumendid: CEN/TR 16512:2015

EVS-EN 50465:2015

Euroopa tootestandard gaasküttega elektri- ja soojuse koostootmissüsteemidele
European product standard for combined heating power systems using gas fuel

This European Standard specifies the requirements and test methods for the construction, safety, fitness for purpose, rational use of energy and the marking of a micro combined heat and power appliance; (hereafter referred to as “mCHP appliance”). This European Standard applies to mCHP appliances of types B22, B23, B32, B33, B52, B53, C1, C3, C4, C5, C6, and C8 as classified in CEN/TR 1749 – that use one or more combustible gases of the three gas families at the pressures stated in EN 437, – where the temperature of the heat transfer fluid does not exceed 105 ºC during normal operation, – where the maximum operating pressure in the – heating water circuit does not exceed 6 bar, – domestic hot water circuit (if installed) is max. 10 bar, – which can give rise to condensation under certain circumstances, – which are declared by the manufacturer to be “condensing appliance”, – which are intended to be installed in a partially protected place, – which are intended to produce hot water either by the instantaneous or storage principle, – which have a maximum heat input (based on net calorific value) not exceeding 70 kW, – which are designed for sealed or open water systems. NOTE 1 For applications where the maximum allowable temperature exceeds 110 ºC or where volume multiplied by maximum allowable pressure exceeds 50 bar.litres, further requirements may be necessary to comply with the essential requirements of Directive 97/23/EC (Pressure Equipment Directive (PED)). NOTE 2 For mCHP appliances with constructions that might not be fully covered by this European Standard or by another specific standard, the risk associated with the alternative construction shall be assessed. This European Standard applies to type testing only. This European Standard does not contain the requirements necessary for appliance capable of producing electrical energy without using the thermal energy.

Keel: en
Alusdokumendid: EN 50465:2015
Asendab dokumenti: EVS-EN 50465:2008

EVS-EN 60335-2-11:2010/A1:2015

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

Amendment to EN 60335-2-11:2010

Keel: en

Alusdokumendid: IEC 60335-2-11:2008/A1:2012; EN 60335-2-11:2010/A1:2015
Muudab dokumenti: EVS-EN 60335-2-11:2010

EVS-EN 60335-2-54:2009/A11:2012/AC:2015

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-54: Erinõuded pinnapuhastusseadmetele, mis kasutavad vedelikke või auru
Household and similar electrical appliances - Safety - Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam

Corrigendum to EN 60335-2-54:2008/A11:2012

Keel: en
Alusdokumendid: EN 60335-2-54:2008/A11:2012/AC:2015
Parandab dokumenti: EVS-EN 60335-2-54:2009/A11:2012

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 13701:2001
Space systems - Glossary of terms

Keel: en
Alusdokumendid: EN 13701:2001
Asendatud järgmise dokumendiga: EVS-EN 16601-00-01:2015

EVS-EN 61082-1:2006
Preparation of documents used in electrotechnology Part 1: Rules

Keel: en
Alusdokumendid: IEC 61082-1:2006; EN 61082-1:2006
Asendatud järgmise dokumendiga: EVS-EN 61082-1:2015

EVS-EN ISO 9687:1999
Hambaraviaparatuur. Graafilised sümbolid
Dental equipment - Graphical symbols

Keel: en
Alusdokumendid: ISO 9687:1993; EN ISO 9687:1995
Asendatud järgmise dokumendiga: EVS-EN ISO 9687:2015

11 TERVISEHOOLDUS

EVS-EN ISO 11979-8:2009
Oftalmilised implantaadid. Intraokulaarsed läätsed. Osa 8: Põhinõuded
Ophthalmic implants - Intraocular lenses - Part 8: Fundamental requirements

Keel: en
Alusdokumendid: ISO 11979-8:2006; EN ISO 11979-8:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 11979-8:2015
Muudetud järgmise dokumendiga: EVS-EN ISO 11979-8:2009/A1:2011

EVS-EN ISO 11979-8:2009/A1:2011
Oftalmilised implantaadid. Intraokulaarsed läätsed. Osa 8: Põhinõuded - Amendment 1 (ISO 11979-8:2006/Amd 1:2011)
Ophthalmic implants - Intraocular lenses - Part 8: Fundamental requirements - Amendment 1 (ISO 11979-8:2006/Amd 1:2011)

Keel: en
Alusdokumendid: ISO 11979-8:2006/Amd 1:2011; EN ISO 11979-8:2009/A1:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 11979-8:2015

EVS-EN ISO 14534:2011
Ophthalmic optics - Contact lenses and contact lens care products - Fundamental requirements (ISO 14534:2011)

Keel: en
Alusdokumendid: ISO 14534:2011; EN ISO 14534:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 14534:2015

EVS-EN ISO 9687:1999
Hambaraviaparatuur. Graafilised sümbolid
Dental equipment - Graphical symbols

Keel: en
Alusdokumendid: ISO 9687:1993; EN ISO 9687:1995
Asendatud järgmise dokumendiga: EVS-EN ISO 9687:2015

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 45501:2004
Metroloogilised nõuded mitteautomaatkaaludele
Metrological aspects of non-automatic weighing instruments

Keel: en, et
Alusdokumendid: EN 45501:1992 + AC:1993
Asendatud järgmise dokumendiga: EVS-EN 45501:2015

EVS-EN 60118-4:2007
Electroacoustics - Hearing aids -- Part 4: Induction loop systems for hearing aid purposes - Magnetic field strength

Keel: en
Alusdokumendid: IEC 60118-4:2006; EN 60118-4:2006
Asendatud järgmise dokumendiga: EVS-EN 60118-4:2015

EVS-EN 60318-3:2002
Electroacoustics - Simulators of human head and ear - Part 3: Acoustic coupler for the calibration of supra-aural earphones used in audiometry

Keel: en
Alusdokumendid: IEC 60318-3:1998; EN 60318-3:1998
Asendatud järgmise dokumendiga: EVS-EN 60318-3:2015

EVS-EN 60645-1:2002
Elektroakustika. Audioloogilised seadmed. Osa 1: Puhta siinustooni audiomeetrid
Electroacoustics - Audiological equipment - Part 1: Pure-tone audiometers

Keel: en
Alusdokumendid: IEC 60645-1:2001; EN 60645-1:2001
Asendatud järgmise dokumendiga: EVS-EN 60645-1:2015

EVS-EN 60645-4:2001
Audiomeetrid. Osa 4: Laiendatud kõrgsagedusaudiomeetria seadmed
Audiometers - Part 4: Equipment for extended high-frequency audiometry

Keel: en
Alusdokumendid: IEC 645-4:1994; EN 60645-4:1995
Asendatud järgmise dokumendiga: EVS-EN 60645-1:2015

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN ISO 11120:2001
Gas cylinders - Refillable seamless steel tubes for compressed gas transport, of water capacity between 150 l and 3000 l - Design, construction and testing

Keel: en
Alusdokumendid: ISO 11120:1999; EN ISO 11120:1999
Asendatud järgmise dokumendiga: EVS-EN ISO 11120:2015
Muudetud järgmise dokumendiga: EVS-EN ISO 11120:2001/A1:2013

EVS-EN ISO 11120:2001/A1:2013
Gas cylinders - Refillable seamless steel tubes for compressed gas transport, of water capacity between 150 l and 3000 l - Design construction and testing - Amendment 1: Requirements for design of tubes for embrittling gases (EN ISO 11120:1999/Amd 1:2013)

Keel: en
Alusdokumendid: ISO 11120:1999/Amd 1:2013; EN ISO 11120:1999/A1:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 11120:2015

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 50465:2008
Gaasiseadmed. Gaasküttel kütuseelemendid. Gaasküttel kütuseelement nimisoojuskoormusega 70 kW või vähem
Gas appliances - Fuel cell gas heating appliance - Fuel cell gas heating appliance of nominal heat input inferior or equal to 70 kW

Keel: en
Alusdokumendid: EN 50465:2008
Asendatud järgmise dokumendiga: EVS-EN 50465:2015

29 ELEKTROTEHNIKA

EVS-EN 50341-3-20:2007
Elektriõhuliinid vahelduvpingega üle 45 kV. Osa 3-20: Eesti siseriiklikud erinõuded
Overhead electrical lines exceeding AC 45 kV - Part 3-20: National Normative Aspects for Estonia

Keel: et, en
Alusdokumendid: EN 50341-3-20:2007
Asendatud järgmise dokumendiga: EVS-EN 50341-2-20:2015

EVS-EN 50393:2006
Test methods and requirements for accessories for use on distribution cables of rated voltage 0,6/1,0 (1,2) kV

Keel: en
Alusdokumendid: EN 50393:2006
Asendatud järgmise dokumendiga: EVS-EN 50393:2015

EVS-EN 50423-3-20:2009
Elektriõhuliinid vahelduvpingega üle 1 kV kuni 45 kV. Osa 3-20: Eesti siseriiklikud erinõuded (SEN)
Overhead electrical lines exceeding AC 1 kV up to and including AC 45 kV. Part 3-20: National Normative Aspects (NNA) for Estonia

Keel: et, en
Asendatud järgmise dokumendiga: EVS-EN 50341-2-20:2015

EVS-EN 60079-26:2007
Plahvatusohtlikud keskkonnad. Osa 26: Seadmed seadmekaitseastmega Ga
Explosive atmospheres -- Part 26: Equipment with equipment protection level (EPL) Ga

Keel: en
Alusdokumendid: IEC 60079-26:2006; EN 60079-26:2007
Asendatud järgmise dokumendiga: EVS-EN 60079-26:2015

EVS-EN 60598-1:2008
Valgustid. Osa 1: Üldnõuded ja katsetused
Luminaires -- Part 1: General requirements and tests

Keel: en
Alusdokumendid: IEC 60598-1:2008; EN 60598-1:2008
Asendatud järgmise dokumendiga: EVS-EN 60598-1:2015
Muudetud järgmise dokumendiga: EVS-EN 60598-1:2008/A11:2009

EVS-EN 60598-1:2008/A11:2009
Valgustid. Osa 1: Üldnõuded ja katsetused
Luminaires - Part 1: General requirements and tests

Keel: en
Alusdokumendid: EN 60598-1:2008/A11:2009
Asendatud järgmise dokumendiga: EVS-EN 60598-1:2015

EVS-EN 61082-1:2006
Preparation of documents used in electrotechnology Part 1: Rules

Keel: en
Alusdokumendid: IEC 61082-1:2006; EN 61082-1:2006
Asendatud järgmise dokumendiga: EVS-EN 61082-1:2015

EVS-HD 384.7.753 S1:2006
Ehitiste elektripaigaldised. Osa 7: Nõuded eripaigaldistele ja -paikadele. Jagu 753: Põranda- ja laeküte
Electrical installations of buildings - Part 7: Requirements for special installations or locations - Section 753: Floor and ceiling heating systems

Keel: en, et
Alusdokumendid: HD 384.7.753 S1:2002
Asendatud järgmise dokumendiga: EVS-HD 60364-7-753:2015

31 ELEKTROONIKA

EVS-EN 140100:2008
Sectional specification: Fixed low power film resistors

Keel: en
Alusdokumendid: EN 140100:2008
Asendatud järgmise dokumendiga: EVS-EN 60115-2:2015

EVS-EN 62137:2004
Environmental and endurance testing - Test methods for surface-mount boards of area array type packages FBGA, BGA, FLGA, LGA, SON and QFN

Keel: en
Alusdokumendid: IEC 62137:2004; EN 62137:2004+AC:2005
Asendatud järgmise dokumendiga: EVS-EN 62137-4:2014

33 SIDETEHNIKA

EVS-EN 55016-1-5:2004
Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-5: Radio disturbance and immunity measuring apparatus - Antenna calibration test sites for 30 MHz to 1 000 MHz

Keel: en
Alusdokumendid: CISPR 16-1-5:2003; EN 55016-1-5:2004
Asendatud järgmise dokumendiga: EVS-EN 55016-1-5:2015
Muudetud järgmise dokumendiga: EVS-EN 55016-1-5:2004/A1:2012

EVS-EN 55016-1-5:2004/A1:2012
Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-5: Radio disturbance and immunity measuring apparatus - Specifications and validation procedures for CALTS and REFTS from 30 MHz to 1 000 MHz (CISPR 16-1-5:2003/A1:2012)

Keel: en
Alusdokumendid: CISPR 16-1-5:2003/A1:2012; EN 55016-1-5:2004/A1:2012
Asendatud järgmise dokumendiga: EVS-EN 55016-1-5:2015

EVS-EN 60728-1:2008
Televisiooni-, heli- ja multimeediasignaalide kaabelvõrgud. Osa 1: Süsteemi pärisuuna-ahela näitajad
Cable networks for television signals, sound signals and interactive services - Part 1: System performance of forward paths

Keel: en, et
Alusdokumendid: IEC 60728-1:2007; EN 60728-1:2008
Asendatud järgmise dokumendiga: EVS-EN 60728-1:2015

45 RAUDTEETEHNIKA

EVS-EN 12929-1:2004
Ohutusnõuded inimeste transportimiseks mõeldud köisteepaigaldistele. Üldnõuded. Osa 1: Nõuded kõikidele paigaldistele
Safety requirements for cableway installations designed to carry persons - General requirements - Part 1: Requirements for all installations

Keel: en, et
Alusdokumendid: EN 12929-1:2004
Asendatud järgmise dokumendiga: EVS-EN 12929-1:2015

EVS-EN 12929-2:2004
Ohutusnõuded inimeste transportimiseks mõeldud köisteepaigaldistele. Üldnõuded. Osa 2: Täiendavad nõuded reverseeritavatele mitme trossiga piduriteta liikuritega rippköisteedele

Safety requirements for cableway installations designed to carry persons - General requirements - Part 2: Additional requirements for reversible bicable aerial ropeways without carrier truck brakes

Keel: en
Alusdokumendid: EN 12929-2:2004
Asendatud järgmise dokumendiga: EVS-EN 12929-2:2015

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 13290-2:2002
Space project management - General requirements - Part 2: Project breakdown structure

Keel: en
Alusdokumendid: EN 13290-2:2001
Asendatud järgmise dokumendiga: EVS-EN 16601-10:2015

EVS-EN 13290-3:2002
Space project management - General requirements - Part 3: Project organization

Keel: en
Alusdokumendid: EN 13290-3:2001
Asendatud järgmise dokumendiga: EVS-EN 16601-10:2015

EVS-EN 13290-4:2002
Space project management - General requirements - Part 4: Project phasing and planning

Keel: en
Alusdokumendid: EN 13290-4:2001
Asendatud järgmise dokumendiga: EVS-EN 16601-10:2015

EVS-EN 13701:2001
Space systems - Glossary of terms

Keel: en
Alusdokumendid: EN 13701:2001
Asendatud järgmise dokumendiga: EVS-EN 16601-00-01:2015

EVS-EN 14092:2002
Space engineering - Space environment

Keel: en
Alusdokumendid: EN 14092:2002
Asendatud järgmise dokumendiga: EVS-EN 16603-10-04:2015

EVS-EN 14099:2002
Space product assurance - Measurement of the peel and pull-off strength of coating and finishes using pressure-sensitive tapes

Keel: en
Alusdokumendid: EN 14099:2001
Asendatud järgmise dokumendiga: EVS-EN 16602-70-13:2015

EVS-EN 14737-1:2004
Space engineering - Ground systems and operations - Part 1: Principles and requirements

Keel: en
Alusdokumendid: EN 14737-1:2004
Asendatud järgmise dokumendiga: EVS-EN 16603-70:2015

EVS-EN 14737-2:2004
Space engineering - Ground systems and operations - Part 2: Documents requirements definitions (DRDs)

Keel: en
Alusdokumendid: EN 14737-2:2004
Asendatud järgmise dokumendiga: EVS-EN 16603-70:2015

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN 13250:2014
Geotekstiilid ja analoogse funktsiooniga tooted. Nõutavad omadused raudteede ehitamisel
Geotextiles and geotextile-related products - Characteristics required for use in the construction of railways

Keel: en
Alusdokumendid: EN 13250:2014
Asendatud järgmise dokumendiga: EVS-EN 13250:2014+A1:2015

EVS-EN 13252:2014
Geotekstiilid ja analoogse funktsiooniga tooted. Nõutavad omadused drenaažsüsteemide rajamisel
Geotextiles and geotextile-related products - Characteristics required for use in drainage systems

Keel: en
Alusdokumendid: EN 13252:2014
Asendatud järgmise dokumendiga: EVS-EN 13252:2014+A1:2015

EVS-EN 13254:2014
Geotekstiilid ja analoogse funktsiooniga tooted. Nõutavad omadused veehoidlate ja tammide ehitamisel
Geotextiles and geotextile-related products - Characteristics required for the use in the construction of reservoirs and dams

Keel: en
Alusdokumendid: EN 13254:2014
Asendatud järgmise dokumendiga: EVS-EN 13254:2014+A1:2015

EVS-EN 13255:2014
Geotekstiilid ja analoogse funktsiooniga tooted. Nõutavad omadused kanaliehitusel
Geotextiles and geotextile-related products - Characteristics required for use in the construction of canals

Keel: en
Alusdokumendid: EN 13255:2014
Asendatud järgmise dokumendiga: EVS-EN 13255:2014+A1:2015

EVS-EN 13256:2014
Geotekstiilid ja analoogse funktsiooniga tooted. Nõutavad omadused tunnelite ja allmaakonstruktsioonide ehitamisel
Geotextiles and geotextile-related products - Characteristics required for use in the construction of tunnels and underground structures

Keel: en
Alusdokumendid: EN 13256:2014
Asendatud järgmise dokumendiga: EVS-EN 13256:2014+A1:2015

EVS-EN 13257:2014
Geotekstiilid ja analoogse funktsiooniga tooted. Nõutavad omadused tahkete jäätmete ladustamispaikade ehitamisel
Geotextiles and geotextile-related products - Characteristics required for use in solid waste disposals

Keel: en
Alusdokumendid: EN 13257:2014
Asendatud järgmise dokumendiga: EVS-EN 13257:2014+A1:2015

EVS-EN 13265:2014
Geotekstiilid ja analoogse funktsiooniga tooted. Nõutavad omadused vedeljäätmete hoidlate ehitamisel
Geotextiles and geotextile-related products - Characteristics required for use in liquid waste containment projects

Keel: en
Alusdokumendid: EN 13265:2014
Asendatud järgmise dokumendiga: EVS-EN 13265:2014+A1:2015

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 16136:2011
Automotive fuels - Determination of manganese content in unleaded petrol - Inductively coupled plasma optical emission spectrometry (ICP OES) method

Keel: en
Alusdokumendid: EN 16136:2011
Asendatud järgmise dokumendiga: EVS-EN 16136:2015

77 METALLURGIA

EVS-EN 10293:2005
Steel castings for general engineering uses

Keel: en
Alusdokumendid: EN 10293:2005
Asendatud järgmise dokumendiga: EVS-EN 10293:2015
Parandatud järgmise dokumendiga: EVS-EN 10293:2005/AC:2008

EVS-EN 10293:2005/AC:2008
Steel castings for general engineering uses

Keel: en
Alusdokumendid: EN 10293:2005/AC:2008
Asendatud järgmise dokumendiga: EVS-EN 10293:2015

EVS-EN 1371-2:2000
Metallivalu. Kapillaardefektoskoopia. Osa 2: Väljasulatatavate mudelitega valu
Founding - Liquid penetrant inspection - Part 2: Investment castings

Keel: en
Alusdokumendid: EN 1371-2:1998
Asendatud järgmise dokumendiga: EVS-EN 1371-2:2015

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 13787:2002
Elastomeres for gas pressure regulators and associated safety devices for inlet pressures up to 100 bar

Keel: en
Alusdokumendid: EN 13787:2001

91 EHITUSMATERJALID JA EHITUS

EVS-EN 13163:2012
Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud paisutatud polüstüreenist tooted (EPS). Spetsifikatsioon
Thermal insulation products for buildings - Factory made expanded polystyrene (EPS) products - Specification

Keel: en, et
Alusdokumendid: EN 13163:2012
Asendatud järgmise dokumendiga: EVS-EN 13163:2012+A1:2015

EVS-EN 13164:2012
Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud ekstrudeeritud vahtpolüstüreentooted (XPS). Spetsifikatsioon
Thermal insulation products for buildings - Factory made extruded polystyrene foam (XPS) products - Specification

Keel: en
Alusdokumendid: EN 13164:2012
Asendatud järgmise dokumendiga: EVS-EN 13164:2012+A1:2015

EVS-EN 13941:2009/AC:2009
Eelisoleeritud seotud kaugküttetorustike projekteerimine ja paigaldamine
Design and installation of preinsulated bonded pipe systems for district heating

Keel: en
Alusdokumendid: EN 13941:2009/AC:2009

EVS-HD 384.7.753 S1:2006

Ehitiste elektripaigaldised. Osa 7: Nõuded eripaigaldistele ja -paikadele. Jagu 753: Põranda- ja laeküte
Electrical installations of buildings - Part 7: Requirements for special installations or locations - Section 753: Floor and ceiling heating systems

Keel: en, et
Alusdokumendid: HD 384.7.753 S1:2002
Asendatud järgmise dokumendiga: EVS-HD 60364-7-753:2015

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 50465:2008

Gaasiseadmed. Gaasküttel kütuseelemendid. Gaasküttel kütuseelement nimisoojuskoormusega 70 kW või vähem
Gas appliances - Fuel cell gas heating appliance - Fuel cell gas heating appliance of nominal heat input inferior or equal to 70 kW

Keel: en
Alusdokumendid: EN 50465:2008
Asendatud järgmise dokumendiga: EVS-EN 50465:2015

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).

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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 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.

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

FprEN ISO 8044
Corrosion of metals and alloys - Basic terms and definitions (ISO/FDIS 8044:2015)

This International Standard defines terms relating to corrosion that are widely used in modern science and technology. In addition, some definitions are supplemented with short explanations. NOTE 1 Throughout the document IUPAC rules for electrode potential signs are applied. The term “metal” is also used to include alloys and other metallic materials. NOTE 2 Terms and definitions related to inorganic surface treatment of metals are given in ISO 2080.

Keel: en
Alusdokumendid: FprEN ISO 8044; ISO/FDIS 8044:2015
Asendab dokumenti: EVS-EN ISO 8044:2000

Arvamusküsitluse lõppkuupäev: 04.05.2015

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

EVS-EN ISO 14906:2011/FprA1
Electronic fee collection - Application interface definition for dedicated short-range communication (ISO 14906:2011/FDAM 1:2015)

Amendment to EN ISO 14906:2011

Keel: en
Alusdokumendid: EN ISO 14906:2011/FprA1:2014; ISO 14906:2011/FDAM 1:2015
Muudab dokumenti: EVS-EN ISO 14906:2011

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 61882:2015
Hazard and operability studies (HAZOP studies) - Application guide

This International Standard provides a guide for HAZOP studies of systems using guide words. It gives guidance on application of the technique and on the HAZOP study procedure, including definition, preparation, examination sessions and resulting documentation and follow-up. Documentation examples, as well as a broad set of examples encompassing various applications, illustrating HAZOP studies are also provided.

Keel: en
Alusdokumendid: FprEN 61882:2015; IEC 61882:201X (56/1597/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 13485
Medical devices - Quality management systems - Requirements for regulatory purposes (ISO/DIS 13485:2014)

No scope available

Keel: en

Alusdokumendid: prEN ISO 13485; ISO/DIS 13485:2015
Asendab dokumenti: EVS-EN ISO 13485:2012
Asendab dokumenti: EVS-EN ISO 13485:2012/AC:2012

Arvamusküsitluse lõppkuupäev: 04.04.2015

07 MATEMAATIKA. LOODUSTEADUSED

prEN ISO 10272-1

Microbiology of the food chain - Horizontal method for detection and enumeration of Campylobacter spp. - Part 1: Detection method (ISO/DIS 10272-1:2015)

This part of the standard describes the detection of Campylobacter spp. (Reference document EN/ISO 10272 -1)

Keel: en
Alusdokumendid: ISO/DIS 10272-1; prEN ISO 10272-1
Asendab dokumenti: EVS-EN ISO 10272-1:2006

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 10272-2

Microbiology of the food chain - Horizontal method for detection and enumeration of Campylobacter spp. - Part 2: Colony-count technique (ISO/DIS 10272-2:2015)

This part of the standard describes the enumeration of Campylobacter spp. by means of colony count technique. (Reference document ISO/TS 10272 -2)

Keel: en
Alusdokumendid: ISO/DIS 10272-2; prEN ISO 10272-2

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 22964

Microbiology in the food chain - Horizontal method for the detection of Cronobacter spp. (ISO/DIS 22964:2015)

This standard describes the detection of Enterobacter sakazakii (Reference document: ISO/TS 22964)

Keel: en
Alusdokumendid: prEN ISO 22964; ISO/DIS 22964:2015

Arvamusküsitluse lõppkuupäev: 04.05.2015

11 TERVISEHOOLDUS

FprEN ISO 10079-1

Medical suction equipment - Part 1: Electrically powered suction equipment (ISO/FDIS 10079-1:2015)

This part of ISO 10079 specifies safety and performance requirements for electrically powered medical and surgical suction equipment. It applies to equipment used in health care facilities such as hospitals for domiciliary care of patients and for field and transport use. This part of ISO 10079 does not apply to the following: a) central power supply (by vacuum/compressed air generation), piping systems of vehicles and buildings, and wall connectors; b) end-pieces such as suction catheters, drains, curettes, Yankauer suckers, and suction tips; c) syringes; d) dental suction equipment; e) anaesthetic gas scavenging systems; f) laboratory suction; g) autotransfusion systems; h) mucus extractors including neonatal mucus extractors; i) suction equipment where the collection container is downstream of the vacuum pump; j) ventouse (obstetric) equipment; k) suction equipment marked for endoscopic use only; l) plume evacuation systems.

Keel: en
Alusdokumendid: FprEN ISO 10079-1; ISO/FDIS 10079-1:2015
Asendab dokumenti: EVS-EN ISO 10079-1:2009

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 12836

Dentistry - Digitizing devices for CAD/CAM systems for indirect dental restorations - Test methods for assessing accuracy

This International Standard specifies test methods for the assessment of the accuracy of digitizing devices for computer-aided design/computer-aided manufacturing (CAD/CAM) systems for indirect dental restorations. These test methods are not applicable to digitization by radiographic methods (X-ray) and by magnetic resonance imaging methods (MRI).

Keel: en
Alusdokumendid: FprEN ISO 12836; ISO/FDIS 12836:2015
Asendab dokumenti: EVS-EN ISO 12836:2012

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 13408-7

Aseptic processing of health care products - Part 7: Alternative processes for medical devices and combination products (ISO 13408-7:2012)

This part of ISO 13408 specifies requirements and provides guidance on alternative approaches to process simulations for the qualification of the aseptic processing of medical devices and combination products that cannot be terminally sterilized and where the process simulation approach according to ISO 13408-1 cannot be applied. This part of ISO 13408 describes how risk assessment can be used during the development of an aseptic process to design a process simulation study for medical devices and combination products in those cases where a straightforward substitution of media for product during aseptic processing is not feasible or would not simulate the actual aseptic process.

Keel: en
Alusdokumendid: ISO 13408-7:2012; FprEN ISO 13408-7

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 3826-4

Plastics collapsible containers for human blood and blood components - Part 4: Aphaeresis blood bag systems with integrated features (ISO/FDIS 3826-4:2015)

This part of EN ISO 3826 specifies requirements, including performance requirements, for apheresis blood bag systems with integrated features. Apheresis blood bag systems need not contain all of the integrated features identified in this document. The integrated features refer to: - needle stick protection device; - leucocyte filter; - sterile barrier filter; - pre-collection sampling device; - red blood cell storage bag; - plasma storage bag; - platelet storage bag; - polymorphonucleic (stem) cell storage bag; - post collection sampling devices; - connections for storage solutions, anticoagulant and replacement fluid. This part of ISO 3826 specifies additional requirements for blood bag systems used to collect varying quantities of blood components or cells by apheresis. This part of ISO 3826 can be used on automated or semi-automated blood collection systems.

Keel: en
Alusdokumendid: FprEN ISO 3826-4; ISO/FDIS 3826-4:2015

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 6872

Dentistry - Ceramic materials (ISO/FDIS 6872:2015)

This International Standard specifies the requirements and the corresponding test methods for dental ceramic materials for fixed all-ceramic and metal-ceramic restorations and prostheses.

Keel: en
Alusdokumendid: FprEN ISO 6872; ISO/FDIS 6872:2015
Asendab dokumenti: EVS-EN ISO 6872:2008

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN 50527-1:2015

Procedure for the assessment of the exposure to electromagnetic fields of workers bearing active implantable medical devices - Part 1: General

Risk assessment of the exposure to electromagnetic fields of workers bearing active implantable medical devices

Keel: en
Alusdokumendid: prEN 50527-1:2015
Asendab dokumenti: EVS-EN 50527-1:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN 50527-2-1:2015

Procedure for the assessment of the exposure to electromagnetic fields of workers bearing active implantable medical devices - Part 2-1: Specific assessment for workers with cardiac pacemakers

Risk assessment of the exposure of workers bearing a pacemaker to electromagnetic fields

Keel: en
Alusdokumendid: prEN 50527-2-1:2015
Asendab dokumenti: EVS-EN 50527-2-1:2011

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 10322-1

Ophthalmic optics - Semi-finished spectacle lens blanks - Part 1: Specifications for single-vision and multifocal lens blanks (ISO/DIS 10322-1:2014)

This part of ISO 10322 specifies requirements for the optical and geometrical properties of all semi-finished single-vision and multifocal spectacle lens blanks.

Keel: en
Alusdokumendid: prEN ISO 10322-1; ISO/DIS 10322-1:2015

Asendab dokumenti: EVS-EN ISO 10322-1:2006

Arvamusküsitluse lõppkuupäev: 04.04.2015

prEN ISO 10322-2

Ophthalmic optics - Semi-finished spectacle lens blanks - Part 2: Specifications for progressive-power and degressive-power lens blanks (ISO/DIS 10322-2:2015)

This part of ISO 10322 specifies requirements for the optical and geometrical properties of semi-finished lens blanks with finished progressive-power and degressive-power surfaces.

Keel: en
Alusdokumendid: prEN ISO 10322-2; ISO/DIS 10322-2:2015
Asendab dokumenti: EVS-EN ISO 10322-2:2006

Arvamusküsitluse lõppkuupäev: 04.04.2015

prEN ISO 13485

Medical devices - Quality management systems - Requirements for regulatory purposes (ISO/DIS 13485:2014)

No scope available

Keel: en
Alusdokumendid: prEN ISO 13485; ISO/DIS 13485:2015
Asendab dokumenti: EVS-EN ISO 13485:2012
Asendab dokumenti: EVS-EN ISO 13485:2012/AC:2012

Arvamusküsitluse lõppkuupäev: 04.04.2015

prEN ISO 9626 rev

Stainless steel needle tubing for the manufacture of medical devices - Requirements and test methods (ISO/DIS 9626:2015)

ISO 9626 provides requirements and test methods for the tube manufactured for needles as component used in medical devices. Additional performance testing on the tube aspect may be required when the component is incorporated in the ready-to-use device. This International Standard specifies the dimensions and mechanical properties of steel tubing of designated metric sizes 3,4 mm (G10) to 0,18 mm (G34). This International Standard applies to rigid stainless steel needle tubing suitable for use in the manufacture of hypodermic needles and other medical devices primarily for human use. It does not apply to flexible stainless steel tubing because the mechanical properties differ from those specified for rigid tubing in this International Standard. However, manufacturers and purchasers of flexible tubing are encouraged to adopt the dimensional specifications given in this International Standard.

Keel: en
Alusdokumendid: prEN ISO 9626 rev; ISO/DIS 9626:2015
Asendab dokumenti: EVS-EN ISO 9626:1999
Asendab dokumenti: EVS-EN ISO 9626:1999/A1:2001

Arvamusküsitluse lõppkuupäev: 04.05.2015

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN 45545-2:2013/FprA1

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

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

Keel: en
Alusdokumendid: EN 45545-2:2013/FprA1
Muudab dokumenti: EVS-EN 45545-2:2013

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 45545-5:2013/FprA1

Railway applications - Fire protection on railway vehicles - Part 5: Fire safety requirements for electrical equipment including that of trolley buses, track guided buses and magnetic levitation vehicles

Amendment to EN 45545-5:2013

Keel: en

Alusdokumendid: EN 45545-5:2013/FprA1
Muudab dokumenti: EVS-EN 45545-5:2013

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 60335-1:2012/FprA2:2015

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 1: Üldnõuded
Household and similar electrical appliances - Safety - Part 1:General requirements

Amendment to EN 60335-1:2012

Keel: en
Alusdokumendid: EN 60335-1:2012/FprA2:2015; IEC 60335-1:2010/A2:201X (61/4859/CDV) (EQV)
Muudab dokumenti: EVS-EN 60335-1:2012

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 60335-2-11:2010/FprA2:2015

Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers

Amendment to EN 60335-2-11:2010

Keel: en
Alusdokumendid: EN 60335-2-11:2010/FprA2:2015; IEC 60335-2-11:2008/A2:201X (61/4863/CDV) (EQV)
Muudab dokumenti: EVS-EN 60335-2-11:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 60335-2-2:2010/FprA2:2015

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-2: Erinõuded tolmuimejatele ja veeimemis-puhastusseadmetele
Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliance

Amendment to EN 60335-2-2:2010

Keel: en
Alusdokumendid: EN 60335-2-2:2010/FprA2:2015; IEC 60335-2-2/A2:201X (61/4860/CDV) (EQV)
Muudab dokumenti: EVS-EN 60335-2-2:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 60335-2-54:2008/FprA1:2015

Household and similar electrical appliances - Safety - Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam

Amendment to EN 60335-2-54:2008

Keel: en
Alusdokumendid: EN 60335-2-54:2008/FprA1:2015; IEC 60335-2-54:2008/A1:201X (61/4867/CDV) (EQV)
Muudab dokumenti: EVS-EN 60335-2-54:2009

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 60335-2-8:201X/FprA1:2015

Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances

Amendment to EN 60335-2-8

Keel: en
Alusdokumendid: EN 60335-2-8:201X/FprA1:2015; IEC 60335-2-8:2012/A1:201X (61/4861/CDV) (EQV)
Muudab dokumenti: FprEN 60335-2-8

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 60335-2-9:2015/FprA2:2015

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

Amendment to EN 60335-2-9:2015

Keel: en
Alusdokumendid: EN 60335-2-9:2015/FprA2:2015; IEC 60335-2-9:2008/A2:201X (61/4862/CDV) (EQV)
Muudab dokumenti: FprEN 60335-2-9:2015

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 60335-2-95:2015/FprA1:2015

Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use

Amendment to EN 60335-2-95:2015

Keel: en
Alusdokumendid: EN 60335-2-95:2015/FprA1:2015; IEC 60335-2-95:2011/A1:2015
Muudab dokumenti: EVS-EN 60335-2-95:2015

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 60335-2-102:2015

Household and similar electrical appliances - Safety - Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections

No scope available

Keel: en
Alusdokumendid: FprEN 60335-2-102:2015; IEC 60335-2-102:2004; IEC 60335-2-102:2004/A1:2008; IEC 60335-2-102:2004/A2:2012
Asendab dokumenti: EVS-EN 60335-2-102:2006
Asendab dokumenti: EVS-EN 60335-2-102:2006/A1:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 60335-2-103:2015

Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows

This International Standard deals with the safety of electric drives for horizontally and vertically moving gates, doors, garage doors and windows for household and similar purposes, their rated voltage being not more than 250 V for single-phase drives and 480 V for other drives. It also covers the hazards associated with the movement of the driven part. Battery-operated drives and other d.c. supplied drives are within the scope of this standard. Dual supply drives, either mains-supplied or battery-operated, are regarded as batteryoperated drives when operated in the battery mode. Drives not intended for normal household use but which nevertheless may be a source of danger to the public, such as drives intended to be used by laymen in shops, offices, hotels, restaurants, hospitals, in industry and on farms, are within the scope of this standard. Requirements for drives for doors that may be used in emergency routes and exits are given in Annex AA.

Keel: en
Alusdokumendid: FprEN 60335-2-103:2015; IEC 60335-2-103:201X (61/4877/FDIS) (EQV)
Asendab dokumenti: EVS-EN 60335-2-103:2015

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 60335-2-14:2015

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

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

Keel: en
Alusdokumendid: FprEN 60335-2-14:2015; IEC 60335-2-14:201X (61/4864/CDV) (EQV)
Asendab dokumenti: EVS-EN 60335-2-14:2006
Asendab dokumenti: EVS-EN 60335-2-14:2006/A1:2008
Asendab dokumenti: EVS-EN 60335-2-14:2006/A11:2012
Asendab dokumenti: EVS-EN 60335-2-14:2006/A11:2012/AC:2013

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 60335-2-23:2015

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-23: Erinõuded naha- ja juuksehooldusseadmetele
Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care

This International Standard deals with the safety of electric appliances for the care of skin or hair of persons or animals and intended for household and similar purposes, their rated voltage being not more than 250 V. NOTE 101 Examples of appliances

that are within the scope of this standard are: curling combs; curling irons; curling rollers with separate heaters; facial saunas; hairdryers; hair straighteners; hand dryers; heaters for detachable curlers; permanent-wave appliances.

Keel: en
Alusdokumendid: FprEN 60335-2-23:2015; IEC 60335-2-23:201X (61/4865/CDV) (EQV)
Asendab dokumenti: EVS-EN 60335-2-23:2003
Asendab dokumenti: EVS-EN 60335-2-23:2003/A1:2008
Asendab dokumenti: EVS-EN 60335-2-23:2003/A11:2011
Asendab dokumenti: EVS-EN 60335-2-23:2003/A11:2011/AC:2012
Asendab dokumenti: EVS-EN 60335-2-23:2003/A2:2015

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 60335-2-9:2015

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

This International Standard deals with the safety of electric portable appliances for household and similar purposes that have a cooking function such as baking, roasting and grilling, their rated voltage being not more than 250 V. NOTE 101 Examples of appliances that are within the scope of this standard are: barbecues for indoor use; breadmakers; contact grills (griddles); cookers; food dehydrators; hotplates; pop-corn makers; portable ovens; raclette grills; radiant grills; roasters; rotary grills; rotisseries; toasters; waffle irons

Keel: en
Alusdokumendid: IEC 60335-2-9:2008; FprEN 60335-2-9:2015
Asendab dokumenti: EVS-EN 60335-2-9:2003
Asendab dokumenti: EVS-EN 60335-2-9:2003/A1:2004
Asendab dokumenti: EVS-EN 60335-2-9:2003/A12:2007
Asendab dokumenti: EVS-EN 60335-2-9:2003/A2:2006

Arvamusküsitluse lõppkuupäev: 04.04.2015

FprEN 62885-2:2015

Surface cleaning appliances - Part 2: Dry vacuum cleaners for household and similar use - Methods for measuring the performance

This International Standard is applicable for measurements of the performance of dry vacuum cleaners for household use in or under conditions similar to those in households. The purpose of this standard is to specify essential performance characteristics of dry vacuum cleaners being of interest to the users and to describe methods for measuring these characteristics. NOTE 1 Due to influence of environmental conditions, variations in time, origin of test materials and proficiency of the operator, most of the described test methods will give more reliable results when applied for comparative testing of a number of appliances at the same time, in the same laboratory and by the same operator. NOTE 2 This standard is not intended for battery-operated vacuum cleaners. For safety requirements, reference is made to IEC 60335-1 and IEC 60335-2-2.

Keel: en
Alusdokumendid: FprEN 62885-2:2015; IEC 62885-2:201X (59F/276/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 10704

Water quality - Measurement of gross alpha and gross beta activity in non-saline water - Thin source deposit method (ISO 10704:2009)

This International Standard describes a method for the determination of gross alpha and beta activity in non saline waters for alpha and beta emitting radionuclides. The method is applicable to raw and potable waters containing a small quantity of dissolved matter. It must be adapted for other kind of waters. The range of application depends on the amount of dissolved material in the water and on the performance characteristics of the measurement equipment (background count rate and counting efficiency).

Keel: en
Alusdokumendid: ISO 10704:2009; FprEN ISO 10704

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 11268-1

Soil quality - Effects of pollutants on earthworms - Part 1: Determination of acute toxicity to Eisenia fetida/Eisenia andrei (ISO 11268-1:2012)

This part of ISO 11268 specifies one of the methods for evaluating the habitat function of soils and determining the acute toxicity of soil contaminants and chemicals to Eisenia fetida/Eisenia andrei by dermal and alimentary uptake. It is applicable to soils and soil materials of unknown quality e.g. from contaminated sites, amended soils, soils after remediation, agricultural or other sites under concern and waste materials. Effects of substances are assessed using a standard soil, preferably a defined artificial soil substrate. For contaminated soils, the effects on survival are determined in the test soil and in a control soil. According to the objective of the study, the control and dilution substrate (dilution series of contaminated soil) should be either an uncontaminated soil comparable to the soil sample to be tested (reference soil) or a standard soil (e.g. artificial soil). Information is provided how to use this method for testing chemicals under temperate as well as under tropical conditions. The method is not applicable to volatile substances i.e. substances for which H (Henry's constant) or the air/water partition coefficient is greater than 1, or for

which the vapour pressure exceeds 0,013 3 Pa at 25 °C. This method does not take into account the possible degradation of the substances or contaminants during the test.

Keel: en
Alusdokumendid: ISO 11268-1:2012; FprEN ISO 11268-1

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 11268-2

Soil quality - Effects of pollutants on earthworms - Part 2: Determination of effects on reproduction of Eisenia fetida/Eisenia andrei (ISO 11268-2:2012)

This part of ISO 11268 specifies one of the methods for evaluating the habitat function of soils and determining the effects of soil contaminants and chemicals on the reproduction of Eisenia fetida/Eisenia andrei by dermal and alimentary uptake. This chronic test is applicable to soils and soil materials of unknown quality, e.g. from contaminated sites, amended soils, soils after remediation, agricultural or other sites concerned, and waste materials. Effects of substances are assessed using a standard soil, preferably a defined artificial soil substrate. For contaminated soils, the effects are determined in the test soil and in a control soil. According to the objective of the study, the control and dilution substrate (dilution series of contaminated soil) should be either an uncontaminated soil comparable to the soil sample to be tested (reference soil) or a standard soil (e.g. artificial soil). Information is provided on how to use this method for testing chemicals under temperate as well as under tropical conditions. The method is not applicable to volatile substances, i.e. substances for which H (Henry's constant) or the air/water partition coefficient is greater than 1, or for which the vapour pressure exceeds 0,013 3 Pa at 25 °C. This method does not take into account the persistence of the substance during the test.

Keel: en
Alusdokumendid: ISO 11268-2:2012; FprEN ISO 11268-2

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 11268-3

Soil quality - Effects of pollutants on earthworms - Part 3: Guidance on the determination of effects in field situations (ISO 11268-3:2014)

This part of ISO 11268 describes techniques for determining the effects of substances on earthworms in the field, and provides a basis for determining the effects of chemicals applied to, or incorporated into, soil.

Keel: en
Alusdokumendid: ISO 11268-3:2014; FprEN ISO 11268-3

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 11704

Water quality - Measurement of gross alpha and beta activity concentration in non-saline water - Liquid scintillation counting method (ISO 11704:2010)

This International Standard specifies a method for the determination of gross alpha and gross beta activity in waters for radionuclides which are not volatile at 80 °C. Radon isotopes and their decay products of short half life are not included in the determination. The method is applicable to raw and potable waters with a dry residue less than 5 g/l and when no correction for colour quenching is necessary.

Keel: en
Alusdokumendid: ISO 11704:2010; FprEN ISO 11704

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 13162

Water quality - Determination of carbon 14 activity -- Liquid scintillation counting method (ISO 13162:2011)

This International Standard specifies the conditions for the determination of 14C activity concentration in samples of environmental water or of 14C-containing water using liquid scintillation counting. The method is applicable to the analysis of any organic molecule soluble in water that is well mixed with the scintillation cocktail. It does not apply to micelles or “large” particles (lipids, fulvic acid, humic acid, etc.) that are inadequately mixed with the scintillation cocktail and the water. Some beta energy is lost without any excitation of the scintillation cocktail and the results are underestimated. The method is not applicable to the analysis of organically bound 14C, whose determination requires additional chemical processing (such as chemical oxidation, combustion). It is possible to determine 14C activity concentrations below 10(up)6 Bq/l without any sample dilution.

Keel: en
Alusdokumendid: ISO 13162:2011; FprEN ISO 13162

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 18674-1

Geotechnical investigation and testing - Geotechnical monitoring by field instrumentation - Part 1: General rules (ISO/FDIS 18674-1:2015)

This part of ISO 18674 lays out the general rules for the performance monitoring of the ground, of structures interacting with the ground, of geotechnical fills, and of geotechnical works. Specifically, this part of ISO 18674 applies to field instrumentation and measurements carried out — in connection with site investigations of soils and rocks, — in connection with Observational Design

procedures, — in connection with the performance of geotechnical structures before, during, and after construction, — for ground behaviour evaluation, e.g. unstable slopes, consolidation etc., — for the proof or follow-up of a new equilibrium within the ground, after disturbance of its natural state by construction measures (e.g. foundation loads, excavation of soil, tunnelling), — for the proof or follow-up of the stability, serviceability, and safety of structures and operations which might be influenced by geotechnical construction, — for perpetuation of evidence, and — for the evaluation and control of geotechnical works. NOTE This part of ISO 18674 fulfils the requirements for general rules for the performance monitoring of the ground, of structures interacting with the ground, and of geotechnical works as part of the geotechnical investigation and testing according to References [8] and [9].

Keel: en
Alusdokumendid: ISO/DIS 18674:2013; prEN ISO 18674:2013; FprEN ISO 18674-1; ISO/FDIS 18674-1:2015

Arvamusküsitluse lõppkuupäev: 04.04.2015

prEN 50527-1:2015

Procedure for the assessment of the exposure to electromagnetic fields of workers bearing active implantable medical devices - Part 1: General

Risk assessment of the exposure to electromagnetic fields of workers bearing active implantable medical devices

Keel: en
Alusdokumendid: prEN 50527-1:2015
Asendab dokumenti: EVS-EN 50527-1:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN 60335-2-113

Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for cosmetic and beauty care appliances incorporating lasers and intense light sources

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of cosmetic and beauty care appliances incorporating lasers or intense light sources for household and similar purposes, their rated voltage being not more than 250 V. NOTE 101 Battery-operated appliances and other d.c. supplied appliances are within the scope of this standard. Dual supply appliances, either mains-supplied or battery-operated, are regarded as battery-operated appliances when operated in the battery mode. This standard covers appliances with a light emitting surface less than 25 cm2. Appliances with a light emitting surface equal to or greater than 25 cm2 other than those containing only light emitting diodes (LEDs) are within the scope IEC 60335-2-27. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public such as appliances intended to be used in beauty salons and similar premises are also within the scope of this standard.

Keel: en
Alusdokumendid: prEN 60335-2-113; IEC 60335-2-113:201X (61/4870/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 15011-1

Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 1: Determination of fume emission rate during arc welding and collection of fume for analysis (ISO/DIS 15011-1:2015)

This part of ISO 15011 defines a laboratory method for measuring the emission rate of fume from arc welding. It also defines a method of collecting the fume for subsequent analysis and refers to suitable analytical techniques. The methods described are suitable for use with all open arc welding processes except tungsten inert gas (TIG) welding, which produces little fume. The emission rate method can be used to evaluate the effects of welding electrodes and wires, welding parameters, processes, shielding gases, test piece composition and test piece surface condition on fume emission rate. Following analysis of the fume collected, the effects of test parameters on fume composition can also be determined.

Keel: en
Alusdokumendid: ISO/DIS 15011-1:2015; prEN ISO 15011-1
Asendab dokumenti: EVS-EN ISO 15011-1:2009

Arvamusküsitluse lõppkuupäev: 04.05.2015

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

FprEN ISO 10704

Water quality - Measurement of gross alpha and gross beta activity in non-saline water - Thin source deposit method (ISO 10704:2009)

This International Standard describes a method for the determination of gross alpha and beta activity in non saline waters for alpha and beta emitting radionuclides. The method is applicable to raw and potable waters containing a small quantity of dissolved matter. It must be adapted for other kind of waters. The range of application depends on the amount of dissolved material in the water and on the performance characteristics of the measurement equipment (background count rate and counting efficiency).

Keel: en
Alusdokumendid: ISO 10704:2009; FprEN ISO 10704

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 11704

Water quality - Measurement of gross alpha and beta activity concentration in non-saline water - Liquid scintillation counting method (ISO 11704:2010)

This International Standard specifies a method for the determination of gross alpha and gross beta activity in waters for radionuclides which are not volatile at 80 °C. Radon isotopes and their decay products of short half life are not included in the determination. The method is applicable to raw and potable waters with a dry residue less than 5 g/l and when no correction for colour quenching is necessary.

Keel: en
Alusdokumendid: ISO 11704:2010; FprEN ISO 11704

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 13162

Water quality - Determination of carbon 14 activity -- Liquid scintillation counting method (ISO 13162:2011)

This International Standard specifies the conditions for the determination of 14C activity concentration in samples of environmental water or of 14C-containing water using liquid scintillation counting. The method is applicable to the analysis of any organic molecule soluble in water that is well mixed with the scintillation cocktail. It does not apply to micelles or “large” particles (lipids, fulvic acid, humic acid, etc.) that are inadequately mixed with the scintillation cocktail and the water. Some beta energy is lost without any excitation of the scintillation cocktail and the results are underestimated. The method is not applicable to the analysis of organically bound 14C, whose determination requires additional chemical processing (such as chemical oxidation, combustion). It is possible to determine 14C activity concentrations below 10(up)6 Bq/l without any sample dilution.

Keel: en
Alusdokumendid: ISO 13162:2011; FprEN ISO 13162

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 1683

Acoustics - Preferred reference values for acoustical and vibratory levels (ISO/FDIS 1683:2015)

This International Standard specifies reference values used in acoustics, in order to establish a uniform basis for the expression of acoustical and vibratory levels. The reference values are mandatory for use in acoustics for sounds in air and other gases, sounds in water and other liquids, and for structure-borne sound, but can also be used in other applications.

Keel: en
Alusdokumendid: FprEN ISO 1683; ISO/FDIS 1683:2015
Asendab dokumenti: EVS-EN ISO 1683:2008

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN 50527-2-1:2015

Procedure for the assessment of the exposure to electromagnetic fields of workers bearing active implantable medical devices - Part 2-1: Specific assessment for workers with cardiac pacemakers

Risk assessment of the exposure of workers bearing a pacemaker to electromagnetic fields

Keel: en
Alusdokumendid: prEN 50527-2-1:2015
Asendab dokumenti: EVS-EN 50527-2-1:2011

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 1 rev

Geometrical product specifications (GPS) - Standard reference temperature for the specification of geometrical and dimensional properties (ISO/DIS 1:2015)

This International Standard specifies the standard reference temperature value for the specification of geometrical and dimensional properties.

Keel: en
Alusdokumendid: prEN ISO 1 rev; ISO/DIS 1:2015
Asendab dokumenti: EVS-EN ISO 1:2003

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEVS-ISO 4037-3

Röntgeni ja gamma referentskiirgus dosimeetrite ja doosikiiruse mõõteseadmete kalibreerimiseks ja nende koste määramiseks sõltuvana footoni energiast. Osa 3: Pindala- ja isikudosimeetrite kalibreerimine ja nende koste mõõtmine kiirguse energia ja langemisnurga funktsioonina

X and gamma reference radiation for calibrating dosemeters and doserate meters and for determining their response as a function of photon energy -- Part 3: Calibration of area and

personal dosemeters and the measurement of their response as a function of energy and angle of incidence

Standardi ISO 4037 käesolev osa käsitleb dosimeetrite, mida kasutatakse individuaalseks ja pindala seireks, kalibreerimist footonreferentskiirguse väljade puhul, mille keskmine energia asub vahemikus 8 keV kuni 9 MeV (vt standard ISO 4037-1). Individuaalse seire puhul on käsitletakse nii kogu keha kui ka jäsemete dosimeetreid ning pindala seire puhul portatiivsed ja fikseeritud dosimeetreid. Standardi ISO 4037 käesolev osa tegeleb koste kui pealelangeva footoni energia ja kiirguse langemisnurga funktsiooni määratlemisega. Sellised mõõtmised võivad kujutada endast osa tüübikatsetest, mille käigus uuritakse täiendavate suuruste mõju kostele. See standardi ISO 4037 osa ei hõlma fikseeritud pindaladosimeetrite in-situ kalibreerimist, mida käsitletakse tulevases standardis. Siin on toodud protseduurid, mida tuleb erinevat tüüpi dosimeetrite puhul järgida. Samuti antakse soovitusi kasutatavate fantoomi ja muundustegurite kohta. Lisaks annab käesolev rahvusvaheline standard juhised määramatuste hindamiseks ning kalibreerimisprotokollide ja sertifikaatide tegemiseks. MÄRKUS 1 Terminit „dosimeeter" kasutatakse üldmõistena kõigi individuaalseks ja pindala seireks kasutatavate dosimeetrite kohta. MÄRKUS 2 Standardi ISO 4037 käesolevas osas kasutatakse terminit „kerma" vabalt õhus tekkiva õhukerma tähistamiseks, kui pole teisiti osutatud.

Keel: en
Alusdokumendid: ISO 4037-3:1999

Arvamusküsitluse lõppkuupäev: 04.05.2015

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN ISO 5802:2008/FprA1

Industrial fans - Performance testing in situ (ISO 5802:2001/FDAmd 1:2015)

Amendment to EN ISO 5802:2008

Keel: en
Alusdokumendid: EN ISO 5802:2008/FprA1; ISO 5802:2001/FDAmd 1:2015
Muudab dokumenti: EVS-EN ISO 5802:2008

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN 16820

Hose assemblies for use in the pharmaceutical and biotechnological industry with hoses of non-metallic materials - Elastomeric hoses with or without liner

This draft European Standard applies to type D and type SD hose assemblies with hoses made of elastomers and plastics for the transport of gaseous, vaporous, liquid or powdry substances in the pharmaceutical and the biotechnological industries. It specifies the classification, manufacturing and testing of as well as the materials, requirements and quality surveillance for hose assemblies. These hose assemblies are intended to be used with the relevant substances at temperatures in the range from −30 °C to +100 °C, depending on the medium, and at operating pressures from −0,9 bar (vacuum) to 10 bar (see Tables 2 and 3). For hoses with inliners made of PTFE and derivatives, temperatures from −30 °C to +140 °C are permissible. Hose assemblies in accordance with this standard are classified into two designs, A and B (see 3.3). Attention is called to the fact that for certain applications the relevant legal regulations such as the Pressure Equipment Directive 97/23/EC (PED) need to be complied with.

Keel: en
Alusdokumendid: prEN 16820

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN 16821

Hose assemblies for use in the pharmaceutical and biotechnological industry with hoses of non-metallic materials - Silicone rubber hoses

This draft European Standard applies to type 1 to type 3 hose assemblies with hoses made of silicone rubber for the transport of liquid or powdry substances in the pharmaceutical and the biotechnological industries. It specifies the classification, manufacturing and testing of as well as the materials, requirements and quality surveillance for hose assemblies. These hose assemblies are intended to be used with the relevant substances at temperatures in the range from −40 °C) to +150 °C and at operating pressures from −0,9 bar (vacuum) to 10 bar (see Table 1). These hose assemblies are not electrically conductive. The danger of static charging shall be considered on a case-by-case basis. Hose assemblies in accordance with this standard are classified into two designs, A and B (see 3.2). Attention is called to the fact that for certain applications the relevant legal regulations such as the Pressure Equipment Directive 97/23/EC (PED) need to be complied with.

Keel: en
Alusdokumendid: prEN 16821

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 21028-1

Cryogenic vessels - Toughness requirements for materials at cryogenic temperature - Part 1: Temperatures below -80 degrees C (ISO/DIS 21028-1:2015)

This European standard specifies the toughness requirements of metallic materials for use at a temperature below - 80 øC to ensure their suitability for cryogenic vessels. This standard is not applicable to unalloyed steels and cast materials. This standard is not applicable to cryogenic vessels for liquefied natural gas (LNG).

Keel: en
Alusdokumendid: ISO/DIS 21028-1:2015; prEN ISO 21028-1

Asendab dokumenti: EVS-EN 1252-1:1999

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 24490

Cryogenic vessels - Pumps for cryogenic service (ISO/DIS 24490:2015)

This standard specifies the minimum requirements for the design, manufacture and testing of pumps for cryogenic service (i.e. for operation with cryogenic fluids below -10°C). This standard covers centrifugal pumps. However the principles may be applied to other types of pumps (e.g. reciprocating). This standard also gives guidance on the design of installations. (See annex A). It does not specify requirements on operation or maintenance.

Keel: en
Alusdokumendid: ISO/DIS 24490:2015; prEN ISO 24490
Asendab dokumenti: EVS-EN 13275:2000

Arvamusküsitluse lõppkuupäev: 04.05.2015

25 TOOTMISTEHNOLOOGIA

FprEN 62841-3-4:2015

Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-4: Particular requirements for transportable bench grinders

This clause of Part 1 is applicable, except as follows: Addition: This part of IEC 62841 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: FprEN 62841-3-4:2015; IEC 62841-3-4:201X (116/209/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 62841-4-1:2015

Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-1: Particular requirements for chain saws

This clause of Part 1 is applicable, except as follows: Addition: This standard applies to chain saws for cutting wood and designed for use by one person. This standard does not cover chain saws designed for use in conjunction with a guide-plate and riving knife or in any other way such as with a support or as a stationary or transportable machine. This standard does not apply to chain saws for tree service as defined in ISO 11681-2, pole cutters and pruners. The chain saws covered by this standard are designed only to be operated with the right hand on the rear handle and the left hand on the front handle.

Keel: en
Alusdokumendid: FprEN 62841-4-1:2015; IEC 62841-4-1:201X (116/207/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 15011-1

Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 1: Determination of fume emission rate during arc welding and collection of fume for analysis (ISO/DIS 15011-1:2015)

This part of ISO 15011 defines a laboratory method for measuring the emission rate of fume from arc welding. It also defines a method of collecting the fume for subsequent analysis and refers to suitable analytical techniques. The methods described are suitable for use with all open arc welding processes except tungsten inert gas (TIG) welding, which produces little fume. The emission rate method can be used to evaluate the effects of welding electrodes and wires, welding parameters, processes, shielding gases, test piece composition and test piece surface condition on fume emission rate. Following analysis of the fume collected, the effects of test parameters on fume composition can also be determined.

Keel: en
Alusdokumendid: ISO/DIS 15011-1:2015; prEN ISO 15011-1
Asendab dokumenti: EVS-EN ISO 15011-1:2009

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 17662

Welding - Calibration, verification and validation of equipment used for welding, including ancillary activities (ISO/DIS 17662:2015)

This standard specifies requirements for calibration, verification and validation of equipment used to: – control of process variables during fabrication; and – control of the properties of equipment used for welding or welding allied processes; where the resulting output cannot be readily or economically documented by subsequent monitoring, inspection and testing. This regards process variables influencing the fitness-for-purpose and in particular the safety of the fabricated product NOTE 1 The standard is based on the lists of process variables stated in standards for specification of welding procedures, in particular, but not exclusively on the ISO 15609 series of standards. Future revisions of these standards can result in addition or deletion of parameters considered

necessary to specify. Some guidance is, in addition, given in annex B as regards requirements for calibration; verification and validation as part of acceptance testing of equipment used for welding or allied processes. Requirements to calibrate, verify and validate as part of inspection, testing, non-destructive testing or measuring of final welded products performed in order to verify confirm product compliance are outside the scope of the present standard. The subject of the standard is limited to calibration, verification and validation of equipment after installation, as part of the workshops' schemes for maintenance and/or operation. NOTE 2 It should be stressed that the standard has nothing to do with manufacture and installation of equipment for welding. Requirements to new equipment are formulated in directives and product codes (standards), as necessary.

Keel: en
Alusdokumendid: ISO/DIS 17662:2015; prEN ISO 17662
Asendab dokumenti: EVS-EN ISO 17662:2005

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 17916

Safety of thermal cutting machines (ISO/DIS 17916:2013)

This standard specifies the safety requirements and measures for machinery covering design, construction, production, transport, installation, operation, maintenance and putting out of service. This standard applies to machinery using thermal cutting and or marking processes such as oxy-fuel, plasma arc. This standard applies to machinery the basis of which is either designed as open gantry, cantilever machine or the track of which is incorporated in the cutting table. This standard applies to any machine regardless of work piece or how the work piece is supported . This document does not cover design standards for specific tools, e.g. oxy-fuel hose standards, electrical requirements for plasma power supplies. Most tools used on thermal cutting machines have specific design standards. Risks arising from thermal cutting tools may be covered by related standards. Risks arising from laser radiation, except those caused by position indicating lasers, are not covered by this standard. Those risks are covered by ISO 11553. Machines that combine thermal processes with other processes (e.g. grinding, drilling, milling etc.) are only partly covered. Risks arising from these other processes may be covered by related standards.

Keel: en
Alusdokumendid: prEN ISO 17916:2013; ISO/DIS 17916:2015

Arvamusküsitluse lõppkuupäev: 04.04.2015

prEN ISO 19288

Welding consumables - Solid wire electrodes, solid wires and rods for fusion welding of magnesium and magnesium alloys - Classification (ISO/DIS 19288:2015)

This International Standard specifies requirements for the classification of solid wire electrodes, solid wires and rods for fusion welding of magnesium and magnesium alloys. The classification is based on their chemical composition. The compositions of solid wire electrodes for metal inert gas (MIG) welding are the same as solid wire electrodes, solid wires and rods for tungsten inert gas (TIG) arc welding, plasma arc welding, laser beam welding, and other fusion welding processes.

Keel: en
Alusdokumendid: ISO/DIS 19288:2015; prEN ISO 19288

Arvamusküsitluse lõppkuupäev: 04.05.2015

29 ELEKTROTEHNIKA

EN 60335-2-95:2015/FprA1:2015

Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use

Amendment to EN 60335-2-95:2015

Keel: en
Alusdokumendid: EN 60335-2-95:2015/FprA1:2015; IEC 60335-2-95:2011/A1:2015
Muudab dokumenti: EVS-EN 60335-2-95:2015

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 60947-5-1:2004/FprA2:2015

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

Amendment to EN 60947-5-1:2004

Keel: en
Alusdokumendid: EN 60947-5-1:2004/FprA2:2015; IEC 60947-5-1:2003/A2:201X (121A/34/CDV) (EQV)
Muudab dokumenti: EVS-EN 60947-5-1:2004

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 62560:2012/FprA1:2015/FprAA:2015

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

Amendment to EN 62560:2012

Keel: en
Alusdokumendid: EN 62560:2012/FprA1:2015/FprAA:2015
Muudab dokumenti: EN 62560:2012/FprA1

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 62612:2013/FprA1:2015

Ballastseadist sisaldavad üldtarbe-leedlambid pingega üle 50 V. Toimivusnõuded
Self-ballasted LED lamps for general lighting services with supply voltages > 50 V - Performance requirements

Amendment to EN 62612:2013

Keel: en
Alusdokumendid: EN 62612:2013/FprA1:2015; IEC 62612:2013/A1:201X (34A/1824/CDV) (EQV)
Muudab dokumenti: EVS-EN 62612:2013

Arvamusküsitluse lõppkuupäev: 04.05.2015

EVS-EN 50367:2012/prA1:2015

Railway applications - Current collection systems - Technical criteria for the interaction between pantograph and overhead line (to achieve free access)

Amendment to EN 50367:2012

Keel: en
Alusdokumendid: EN 50367:2012/prA1:2015
Muudab dokumenti: EVS-EN 50367:2012

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 10251

Magnetic materials - Methods of determination of the geometrical characteristics of electrical steel sheet and strip

This European Standard is intended to define the test methods used for the determination of the following geometrical characteristics of electrical steel sheet and strip: - flatness; - residual curvature; - edge camber; - deviation from the shearing line due to internal stresses; - burr height of cut edges. This European Standard applies to electrical steel sheet and strip intended for the construction of magnetic circuits and corresponding to Clauses B2, C21 and C22 of IEC 60404-1.

Keel: en
Alusdokumendid: FprEN 10251
Asendab dokumenti: EVS-EN 10251:2000

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 10330

Magnetic materials - Method of measurement of the coercivity of magnetic materials in an open magnetic circuit

This European Standard specifies the method of measurement of the coercivity of magnetic materials in an open magnetic circuit. It applies to magnetic materials having a coercivity up to 500 kA/m. Special precautions to take in measuring coercivities below 40 A/m and above 160 kA/m are given in Annex A.

Keel: en
Alusdokumendid: FprEN 10330
Asendab dokumenti: EVS-EN 10330:2003

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 50180-1

Bushings above 1 kV up to 52 kV and from 250 A to 3,15 kA for liquid filled transformers - Part 1: General requirements for bushings

This European Standard is applicable to ceramic and resin insulated bushings having highest voltages above 1 kV up to 52 kV, rated currents from 250 A up to 3 150 A and frequencies from 15 Hz up to 60 Hz for insulating liquid filled transformers. This European Standard establishes essential dimensions, to ensure interchangeability of bushings and to ensure adequate mounting and interchangeability of mating plug-in separable connectors of equivalent ratings.

Keel: en
Alusdokumendid: FprEN 50180-1
Asendab dokumenti: EVS-EN 50180:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 60335-2-29:2015

Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric battery chargers for household and similar use having an output not exceeding 120 V ripple-free d.c., their rated voltage being not more than 250 V. Battery chargers intended for charging batteries in a household end use application outside the scope of the IEC 60335 series of standards are within the scope of this standard. Requirements for battery chargers for use by children at least 8 years old without supervision are given in Annex AA. Battery chargers not intended for normal household use, but which nevertheless may be a source of danger to the public, such as battery chargers intended for use in garages, shops, light industry and on farms, are within the scope of this standard. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account – persons (including children) whose • physical, sensory or mental capabilities; or • lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; – children playing with the appliance.

Keel: en
Alusdokumendid: FprEN 60335-2-29:2015; IEC 60335-2-29:201X (61/4866/CDV) (EQV)
Asendab dokumenti: EVS-EN 60335-2-29:2004
Asendab dokumenti: EVS-EN 60335-2-29:2004/A2:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN 50052:2015

Cast aluminium alloy enclosures for gas-filled high-voltage switchgear and controlgear

This standard applies to cast aluminium alloy enclosures pressurized with dry air, inert gases, for example sulphur hexafluoride or nitrogen or a mixture of such gases, used in indoor or outdoor installations of high-voltage switchgear and controlgear above 1 kV, where the gas is used principally for its dielectric and/or arc-quenching properties with rated voltages - above 1 kV and up to and including 52 kV and with gas-filled compartments with design pressure higher than 300 kPa relative pressure (gauge); - and with rated voltage above 52 kV. The enclosures comprise parts of electrical equipment not necessarily limited to the following examples: - Circuit-breakers; - Switch-disconnectors; - Disconnectors; - Earthing switches; - Current transformers; - Voltage transformers; - Surge arrestors; - Busbars and connections; - etc. The scope also covers enclosures of pressurized components such as the centre chamber of live tank switchgear, gas-insulated current transformers, etc.

Keel: en
Alusdokumendid: prEN 50052:2015
Asendab dokumenti: EVS-EN 50052:2002
Asendab dokumenti: EVS-EN 50052:2002/AC:2007

Arvamusküsitluse lõppkuupäev: 04.05.2015

31 ELEKTROONIKA

FprEN 60297-3-109:2015

Mechanical structures for electronic equipment - dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 3-109: Dimensions of chassis for embedded computing

This part of IEC 60297 specifies dimensions and physical properties of chassis and associated printed boards in order to provide mechanical and environmental integrity for embedded computing devices. They are used in various applications such as machine control, medical, transportation, aerospace and telecommunication, typically based on single board computers. For the easy definition of the suitable chassis and associated single board dimensions, this standard is based on a structural grid of 44,45 mm (1,75 in).

Keel: en
Alusdokumendid: FprEN 60297-3-109:2015; IEC 60297-3-109:201X (48D/580/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 60384-23:2015

Fixed capacitors for use in electronic equipment - Part 23: Sectional specification - Fixed surface mount metallized polyethylene naphthalate film dielectric DC capacitors

This part of IEC 60384 is applicable to fixed surface mount capacitors for direct current, with metallized electrodes and polyethylene naphthalate dielectric for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted directly onto substrates for hybrid circuits or onto printed boards. These capacitors may have "self-healing properties" depending on conditions of use. They are primarily intended for applications where the a.c. component is small with respect to the rated voltage. Capacitors for radio interference suppression are not included, they are covered by IEC 60384-14.

Keel: en
Alusdokumendid: FprEN 60384-23:2015; IEC 60384-23:201X (40/2349/FDIS) (EQV)
Asendab dokumenti: EVS-EN 60384-23:2005

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 62899-1:2015

Printed electronics - Materials - Part 1 : Substrates

This International Standard defines terms, and specifies evaluation method for substrates used in printing process to form electronic components/devices. This international standard is also applied to the substrates which made surface treatment in order to improve their performance.

Keel: en
Alusdokumendid: IEC 62899-1:201X (119/59/CDV) (EQV); FprEN 62899-1:2015

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 62899-2-1:2015

Printing electronics - Materials - Part 2-1: Conductive material Ink

This International Standard defines terms, and specifies standard methods for characterisation and evaluation. This International Standard is applicable to conductive inks and conductive layer that are made from conductive inks.

Keel: en
Alusdokumendid: FprEN 62899-2-1:2015; IEC 62899-2-1:201X (119/60/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 62922:2015

Organic light emitting diode (OLED) panels for general lighting - Performance requirements

This International Standard specifies the performance requirements of OLED tiles and panels for use on d.c. supplies up to 120 V or a.c. supplies up to 50 V at 50 Hz or 60 Hz for indoor and similar general lighting purpose: NOTE: In the current edition, life (life time and maintained values) is not treated. It is intended to cover this in further amendments

Keel: en
Alusdokumendid: FprEN 62922:2015; IEC 62922:201X (34A/1821/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN 60335-2-113

Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for cosmetic and beauty care appliances incorporating lasers and intense light sources

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of cosmetic and beauty care appliances incorporating lasers or intense light sources for household and similar purposes, their rated voltage being not more than 250 V. NOTE 101 Battery-operated appliances and other d.c. supplied appliances are within the scope of this standard. Dual supply appliances, either mains-supplied or battery-operated, are regarded as battery-operated appliances when operated in the battery mode. This standard covers appliances with a light emitting surface less than 25 cm2. Appliances with a light emitting surface equal to or greater than 25 cm2 other than those containing only light emitting diodes (LEDs) are within the scope IEC 60335-2-27. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public such as appliances intended to be used in beauty salons and similar premises are also within the scope of this standard.

Keel: en
Alusdokumendid: prEN 60335-2-113; IEC 60335-2-113:201X (61/4870/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

33 SIDETEHNIKA

EN 300 330-1 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Part 1: Technical characteristics and test methods

Revision of EN 300 330-1 13.56 MHz RFID mask and Wireless Charging.

Keel: en
Alusdokumendid: EN 300 330-1 V1.8.1

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 302 208-1 V2.1.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W and in the band 915 MHz to 921 MHz with power levels up to 4 W; Part 1: Technical requirements and methods of measurement

Part 1 of the standard will be revised to include operation in the new band 915 – 921 MHz. It will specify tests to verify the satisfactory operation of mitigation techniques that will ensure acceptable sharing of the spectrum by RFID with ER-GSM

Keel: en
Alusdokumendid: EN 302 208-1 V2.1.1

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 302 217-2-1 V2.1.1

Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 2-1: System-dependent requirements for digital systems operating in frequency bands where frequency co-ordination is applied

Complete restructuring of the EN as “complementary” EN to Part 2-2. Reporting only the requirements considered “not essential” for R&TTED (e.g. BBER and signatures), for “special compatibility” (e.g. innermost channels masks and RX selectivity when common branching/antenna is used), for “good design practice” (e.g. antenna and feeder return loss, RX level range) Effort will be done for substituting band specific masks and signatures with parametric requirements (e.g. NFD or similar residual power in RX bandwidth) so as to possibly remove Annexes A to E (moving the so “generalised” requirements in the main body).

Keel: en
Alusdokumendid: EN 302 217-2-1 V2.1.1

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 302 307-1 V1.4.1

Digital Video Broadcasting (DVB); Second generation framing structure, channel coding and modulation systems for Broadcasting, Interactive Services, News Gathering and other broadband satellite applications; Part 1: DVB-S2

The existing DVB-S2 specification becomes a multipart document, with Part 2 describing the S2 extensions (S2X). The necessary changes for Part 1 (DVB-S2) are included in this new version.

Keel: en
Alusdokumendid: EN 302 307-1 V1.4.1

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 302 637-2 V1.3.2

Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Part 2: Specification of Cooperative Awareness Basic Service

Revision of the TS 102 637-2 according to ETSI TC ITS work progression and received Change Requests. Proposal to an EN in conformity to the M/453 mandate request.

Keel: en
Alusdokumendid: EN 302 637-2 V1.3.2

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 302 637-3 V1.2.2

Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Part 3: Specifications of Decentralized Environmental Notification Basic Service

Revision of the TS 102 637 - 3 according to ETSI TC ITS work progression, harmonization as far as possible with other standardization work and received change requests before proposing it as an EN in conformity with M/453 mandate.

Keel: en
Alusdokumendid: EN 302 637-3 V1.2.2

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 302 969 V1.2.1

Reconfigurable Radio Systems (RRS); Radio Reconfiguration related Requirements for Mobile Devices

Revision of TS 102 969 as a European Norm

Keel: en
Alusdokumendid: EN 302 969 V1.2.1

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 303 203-1 V1.1.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Medical Body Area Network Systems (MBANSs) operating in the 2 483,5 MHz to 2 500 MHz range; Part 1: Technical characteristics and test methods

The present standard specifies technical characteristics and test methods for Medical Body Area Network Systems operating in the 2483,5 MHz to 2500 MHz range. The standard will address the request by CEPT WGFM in document ERM(13)49b017, that to improve compatibility between MBANS and LP-AMI adequate spectrum sharing mechanisms will be investigated.

Keel: en
Alusdokumendid: EN 303 203-1 V1.1.1

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 303 203-2 V1.1.1

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lähitoimeseadmed (SRD); Raadiosagedusalas 2483,5 MHz kuni 2500 MHz töötavad patsiendi meditsiinilised jälgimissüsteemid (MBANS). Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 alusel
Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Medical Body Area Network Systems (MBANSs) operating in the 2 483,5 MHz to 2 500 MHz range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

Development of harmonised standard for Medical Body Area Network Systems operating in the 2483,5 MHz to 2500 MHz range, covering the essential requirements of article 3.2 of the R&TTE Directive. The standard will address the request by CEPT WGFM in document ERM(13)49b017, that to improve compatibility between MBANS and LP-AMI adequate spectrum sharing mechanisms will be investigated.

Keel: en
Alusdokumendid: EN 303 203-2 V1.1.1

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 303 204-1 V1.1.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Network Based Short Range Devices (SRD); Radio equipment to be used in the 870 MHz to 876 MHz frequency range with power levels ranging up to 500 mW; Part 1: Technical characteristics and test methods

To produce a Harmonised Standard, taking into account the ongoing ECC Report 200 and ECC Report 189, to support Network Based SRDs within the 870 -876 MHz frequency range, such as Metropolitan Machine Mesh (M3M e.g. TR 103 055) and Smart Metering/Smart Grid (e.g. TR 102 886) - TS 102 887 could also of relevance. It is noted that these SRD equipment will be class 2 to ensure the best spectrum efficiency whilst protecting the primary service operating in some countries.

Keel: en
Alusdokumendid: EN 303 204-1 V1.1.1

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 303 204-2 V1.1.1

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Võrgupõhised lähitoimeseadmed (SRD); Raadiosagedusalas 870 MHz kuni 876 MHz töötavad raadioseadmed, kus võimsus ulatub kuni 500 mW; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 alusel
Electromagnetic compatibility and Radio spectrum Matters (ERM); Network Based Short Range Devices (SRD); Radio equipment to be used in the 870 MHz to 876 MHz frequency range with power levels ranging up to 500 mW; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

To produce a Harmonised Standard, taking into account the ongoing ECC Report 200 and ECC Report 189, to support Network Based SRDs within the 870 -876 MHz frequency range, such as Metropolitan Machine Mesh (M3M e.g. TR 103 055) and Smart Metering/Smart Grid (e.g. TR 102 886) - TS 102 887 could also of relevance. It is noted that these SRD equipment will be class 2 to ensure the best spectrum efficiency whilst protecting the primary service operating in some countries.

Keel: en
Alusdokumendid: EN 303 204-2 V1.1.1

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 305 550-1 V1.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 40 GHz to 246 GHz frequency range; Part 1: Technical characteristics and test methods

Maintenance and update of actual version based on new ERC REC 70-03 Annex 1 and ECC report 176 and ECC report on 122GHz

Keel: en
Alusdokumendid: EN 305 550-1 V1.2.1

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 305 550-2 V1.2.1

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lähitoimeseadmed (SRD); Raadiosagedusalas 40 GHz kuni 246 GHz töötavad raadioseadmed; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 alusel

Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 40 GHz to 246 GHz frequency range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

Maintenance of part 2 for R&TTE to be in line with changes in part 1

Keel: en
Alusdokumendid: EN 305 550-2 V1.2.1

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 60870-5-101:2003/prA1

Telecontrol equipment and systems - Part 5-101: Transmission protocols - Companion standard for basic telecontrol tasks

Amendment to EN 60870-5-101:2003

Keel: en
Alusdokumendid: EN 60870-5-101:2003/prA1; IEC 60870-5-101:2003/A1:201X (57/1530/CDV) (EQV)
Muudab dokumenti: EVS-EN 60870-5-101:2003

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 61000-4-13:2002/FprA2:2015

Electromagnetic compatibility (EMC) - Part 4-13: Testing and measurement techniques - Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests

Amendment to EN 61000-4-13:2002

Keel: en
Alusdokumendid: EN 61000-4-13:2002/FprA2:2015; IEC 61000-4-13:2002/A2:201X (77A/877/CDV) (EQV)
Muudab dokumenti: EVS-EN 61000-4-13:2003

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 61000-4-16:1998/FprA3:2015

Electromagnetic compatibility (EMC) - Part 4-16: Testing and measurement techniques - Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz

Amendment to EN 61000-4-16:1998

Keel: en
Alusdokumendid: EN 61000-4-16:1998/FprA3:2015; IEC 61000-4-16:1998/A3:201X (77A/876/CDV) (EQV)
Muudab dokumenti: EVS-EN 61000-4-16:2002

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 55025:2015

Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of on-board receivers

This International Standard contains limits and procedures for the measurement of radio disturbances in the frequency range of 150 kHz to 2 500 MHz. The standard applies to any electronic/electrical component intended for use in vehicles, trailers and devices. Refer to International Telecommunications Union (ITU) publications for details of frequency allocations. The limits are intended to provide protection for receivers installed in a vehicle from disturbances produced by components/modules in the same vehicle. The method and limits for a complete vehicle (whether connected to the power mains for charging purposes or not) are in Clause 5 and the methods and limits for components/modules are in Clause 6. Only a complete vehicle test can be used to determine the component compatibility with respect to a vehicle's limit. The receiver types to be protected are, for example, broadcast receivers (sound and television), land mobile radio, radio telephone, amateur, citizens' radio, Satellite Navigation (GPS etc.) and Bluetooth. For the purpose of this standard, a vehicle is a machine, which is self-propelled by an internal combustion engine, electric means, or both. Vehicles include (but are not limited to) passenger cars, trucks, agricultural tractors and snowmobiles. Annex A provides guidance in determining whether this standard is applicable to particular equipment.

Keel: en
Alusdokumendid: FprEN 55025:2015; CISPR 25:201X (CIS/D/425/CDV) (EQV)
Asendab dokumenti: EVS-EN 55025:2008

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 60153-1:2015

Hollow metallic waveguides - Part 1: General requirements and measuring method

This part of IEC 60153 specifies straight hollow metallic tubing for use as waveguides in electronic equipment. It covers: • 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. It should be noted that no recommendations are made for the materials to be used for waveguides. The choice of material must be agreed between customer and manufacturer.

Keel: en

Alusdokumendid: FprEN 60153-1:2015; IEC 60153-1:201X (46F/302/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 60153-2:2015

Hollow metallic waveguides - Part 2: Relevant specifications for ordinary rectangular waveguides

This part of IEC 60153 specifies straight hollow metallic tubing of ordinary rectangular waveguide 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. It should be noted that no recommendations are made for the materials to be used for waveguides. The choice of material must be agreed between customer and manufacturer.

Keel: en
Alusdokumendid: FprEN 60153-2:2015; IEC 60153-2:201X (46F/303/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 60154-1:2015

Flanges for waveguides - Part 1: General requirements

This part of IEC 60154specifies the dimensions of waveguide flanges for use in electronic equipment. It covers requirements for flanges drilled before or after mounting on waveguides. It should be noted that for optimum electrical performance, post-drilling of the alignment holes after mounting is recommended. The aim of this standard is to specify for waveguide flanges the mechanical requirements necessary to ensure compatibility and, as far as practicable, interchangeability as well as to ensure adequate electrical performance.

Keel: en
Alusdokumendid: FprEN 60154-1:2015; IEC 60154-1:201X (46F/304/CDV) (EQV)
Asendab dokumenti: EVS-EN 60154-1:2003

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 60154-2:2015

Flanges for waveguides - Part 2: Relevant specifications for flanges for ordinary rectangular waveguides

This part of IEC 60154 specifies the dimensions of flanges for ordinary rectangular waveguide for use in electronic equipment. It covers requirements for flanges drilled before or after mounting on waveguides. It should be noted that for optimum electrical performance, post-drilling of the alignment holes after mounting is recommended. The aim of this standard is to specify for waveguide flanges the mechanical requirements necessary to ensure compatibility and, as far as practicable, interchangeability as well as to ensure adequate electrical performance.

Keel: en
Alusdokumendid: FprEN 60154-2:2015; IEC 60154-2:201X (46F/305/CDV) (EQV)
Asendab dokumenti: EVS-EN 60154-2:2002

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 60728-101:2015

Cable networks for television signals, sound signals and interactive services - Part 101: System performance of forward paths with all-digital channels load (TA/5)

This part of IEC 60728 is applicable to any cable network (including individual receiving systems) distributing only digital channels having in the forward path a coaxial cable output and primarily intended for television and sound signals operating between about 30 MHz and 3 000 MHz. This standard specifies the basic methods of measurement of the operational characteristics of a cable network having coaxial cable outputs in order to assess the performance of these systems and their performance limits.

Keel: en
Alusdokumendid: FprEN 60728-101:2015; IEC 60728-101:201X (100/2428/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 61169-58:2015

Radio-frequency connectors - Part 58: Sectional specification for RF coaxial connectors with blind-mate coupling - characteristic impedance 50 Ω (type SBMA)

This part of IEC 61169, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for SBMA series coaxial connectors with blind-mate coupling, The connectors are used with cables with characteristic impedance 50 Ohms in an operating frequency range up to 28 GHz. The connectors are widely used in communications, antennas, radars and other applications for modules interconnections. It is also normally used in conjunction with appropriate transmission line. It describes the interface dimensions for general purpose connectors with gauging information and the mandatory tests selected from IEC 61169-1, applicable to all detail specifications relative to type SBMA connectors. This specification indicates the recommended performance characteristics to be considered when writing a DS and covers all tests schedules and inspection requirements. NOTE Metric dimension are original dimensions. All un-dimensioned pictorial configurations are for reference purpose only.

Keel: en

Alusdokumendid: FprEN 61169-58:2015; IEC 61169-58:201X (46F/297/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 61300-1:2015

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

IEC 61300-2 series and IEC 61300-3 series of all parts contain series of environmental test and measurement procedures and, in some cases, preferred severities designed to assess the ability of fibre optic interconnecting devices and passive components to perform under expected service conditions. The object of this standard is to provide general information and guidance for the basic test and measurement procedures defined in IEC 61300-2 and IEC 61300-3 for interconnecting devices and passive components. This standard should be used in combination with the relevant specification which will define the tests to be used, the required degree of severity for each of them, their sequence, if relevant, and the permissible performance limits. In the event of conflict between this basic standard and the relevant specification, the latter will take precedence

Keel: en
Alusdokumendid: FprEN 61300-1:2015; IEC 61300-1:201X (86B/3855/CDV) (EQV)
Asendab dokumenti: EVS-EN 61300-1:2011

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 61300-2-37:2015

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-37: Tests - Cable bending for fibre optic closures

This part of IEC 61300 describes a test to the effectiveness of the sealing and clamping 109 hardware of a fibre optic closure when the cable entering or exiting the fibre optic closure is subjected to bending.

Keel: en
Alusdokumendid: FprEN 61300-2-37:2015; IEC 61300-2-37:201X (86B/3853/CDV) (EQV)
Asendab dokumenti: EVS-EN 61300-2-37:2007

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 61754-31:2015

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 31: Type N-FO connector family

This part of IEC 61754 defines the standard connector interface dimensions for the two way and four way type N-FO family of connectors.

Keel: en
Alusdokumendid: FprEN 61754-31:2015; IEC 61754-31:201X (86B/3854/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 61977:2015

Fibre optic interconnecting devices and passive components - Fibre optic filters - Generic specification

IEC 61977 applies to the family of fibre optic filters. These components have all of the following general features: – they are passive for the reason that they contain no optoelectronic or other transducing elements which can process the optical signal launched into the input port; – they modify the spectral intensity distribution in order to select some wavelengths and inhibit others; – they are fixed, i.e. the modification of the spectral intensity distribution is fixed and cannot be tuned; – they have input and output ports or a common port (having both functions of input and output) for the transmission of optical power; the ports are optical fibre or optical fibre connectors; – they differ according to their characteristics. They can be divided into the following categories: • short-wave pass (only wavelengths lower than or equal to a specified value are passed); • long-wave pass (only wavelengths greater than or equal to a specified value are passed); • band-pass (only an optical window is allowed); • notch (only an optical window is inhibited). It is also possible to have a combination of the above categories. This standard establishes uniform requirements for the following: – optical, mechanical and environmental properties

Keel: en
Alusdokumendid: FprEN 61977:2015; IEC 61977:201X (86B/3861/CDV) (EQV)
Asendab dokumenti: EVS-EN 61977:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 62077:2015

Fibre optic interconnecting devices and passive components - Fibre optic circulators - Generic specification

This International Standards applies to circulators used in the field of fibre optics bearing all of the following features: – they are non-reciprocal optical devices, in which each port is either an optical fibre or fibre optic connector; – they are passive devices in accordance with the categorization and definition provided in IEC/TS 62538; – they have three or more ports for directionally transmitting optical power. An example of optical circulator technologies is described in Annex A.

Keel: en
Alusdokumendid: FprEN 62077:2015; IEC 62077:201X (86B/3862/CDV) (EQV)

Asendab dokumenti: EVS-EN 62077:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 62605:2015

Multimedia systems and equipment - Multimedia e-publishing and e-books technologies - Interchange format for e-dictionaries

This International Standard specifies the interchange format for e-dictionaries among publishers, content creators and manufacturers. This International Standard does not address the following aspects: • data formats for reading devices; • elements necessary for final print reproduction only; • rendering issues related to physical devices; • security issues such as DRM for document.

Keel: en
Alusdokumendid: FprEN 62605:2015; IEC 62605:201X (100/2430/CDV) (EQV)
Asendab dokumenti: EVS-EN 62605:2011

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 62665:2015

Multimedia systems and equipment - Multimedia e-publishing and e-books technologies - Texture map for auditory presentation of printed texts

In order to generate a texture map for auditory presentation of printed text information, this International Standard specifies – a text encoding scheme to generate a texture map; – a physical shape and dimension of the texture map for printing; – additional features for texture map printing; – texture map decoding and an auditory presentation of decoded texts. These specifications enable the interchange of documents and publications between visually impaired and non-impaired people.

Keel: en
Alusdokumendid: FprEN 62665:2015; IEC 62665:201X (100/2431/CDV) (EQV)
Asendab dokumenti: EVS-EN 62665:2012

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 62911:2015

Audio, video and information technology equipment - Routine electrical safety testing in production

This standard defines essential routine electrical safety test procedures for use during or after manufacturing of complete equipment, sub-assemblies or components, certified or declared as complying with IEC 60065, IEC 60950-1 or IEC 62368-1 and powered by an a.c. mains supply or d.c. mains supply, to detect essential manufacturing failures and unacceptable tolerances in manufacturing and materials. NOTE All the tests defined in this standard do not necessarily have to be performed at the end product manufacturing location. The optimal location for the routine electrical safety tests can be defined by the equipment manufacturer and reviewed under the compliance certification program.

Keel: en
Alusdokumendid: FprEN 62911:2015; IEC 62911:201X (108/570/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN 16836-1

Communication systems for meters - Wireless mesh networking for meter data exchange - Part 1: Introduction and standardization framework

This European Standard gives the standardization framework of communication systems applicable to the exchange of data from metering devices to other devices within a mesh network. This European Standard specifies how to interpret prEN 16836-2:2015 and prEN 16836-3:2015 which give a list of references to the ZigBee documents. This series is applicable to communications systems that involve messages and networking between a meter or multiple meters and other devices in a mesh network, such as in home displays (IHDs) and communications hubs. This European Standard allows routing between devices and also allows channel agility to avoid contention with other networks of the same type, or indeed networks of other types operating in the same frequency bands. This European Standard is designed to support low power communications for devices such as gas and water meters which can make data from such devices available on the mesh network at any time through a proxy capability within a permanently powered device.

Keel: en
Alusdokumendid: ZigBee Specification - 05-3474 Rev 20; prEN 16836-1

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN 16836-2

Communication systems for meters - Wireless mesh networking for meter data exchange - Part 2: Networking layer and stack specification

This European Standard specifies the medium access control/physical layer MAC/PHY and networking layer of a communication protocol for the exchange of data from metering devices to other devices within a mesh network. The referenced documents in this European Standard contain specifications, interface descriptions, object descriptions, protocols and algorithms pertaining to this protocol standard, the device objects, device profile, the application framework, the network layer, and security services. They

are referenced in their entirety for reasons of backwards compatibility and interoperability with products in the field currently using this technology.

Keel: en
Alusdokumendid: ZigBee Specification - 05-3474 Rev 20; prEN 16836-2

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN 16836-3

Communication systems for meters - Wireless mesh networking for meter data exchange - Part 3: Energy profile specification dedicated application layer

This European Standard specifies the application layer of a communication protocol for the exchange of data from metering devices to other devices within a mesh network. This European Standard makes reference to a number of documents whereby core requirements are specified. This referencing is in compliance with the Bridge Consortium and additionally the Memorandum of Understanding between the ZigBee Alliance and CEN/CENELEC. The EN 16836 series represents a feature subset of a larger standard and as such not all of the features specified in the referenced documents are specified in this standard, due to some features being outside the scope of CEN/TC 294. Where this is the case the out of scope feature has either been omitted or specified as excluded.

Keel: en
Alusdokumendid: ZigBee Specification - 05-3474 Rev 20; prEN 16836-3

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN 61754-32

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 32: Type DiaLink connector family

This part of IEC 61754 defines the standard interface dimensions for the type DiaLink family of connectors.

Keel: en
Alusdokumendid: prEN 61754-32; IEC 61754-32:201X (86B/3860/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

35 INFOTEHNOLOOGIA. KONTORISEADMED

EVS-EN ISO 14906:2011/FprA1

Electronic fee collection - Application interface definition for dedicated short-range communication (ISO 14906:2011/FDAM 1:2015)

Amendment to EN ISO 14906:2011

Keel: en
Alusdokumendid: EN ISO 14906:2011/FprA1:2014; ISO 14906:2011/FDAM 1:2015
Muudab dokumenti: EVS-EN ISO 14906:2011

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 62605:2015

Multimedia systems and equipment - Multimedia e-publishing and e-books technologies - Interchange format for e-dictionaries

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Keel: en
Alusdokumendid: FprEN 62605:2015; IEC 62605:201X (100/2430/CDV) (EQV)
Asendab dokumenti: EVS-EN 62605:2011

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 62911:2015

Audio, video and information technology equipment - Routine electrical safety testing in production

This standard defines essential routine electrical safety test procedures for use during or after manufacturing of complete equipment, sub-assemblies or components, certified or declared as complying with IEC 60065, IEC 60950-1 or IEC 62368-1 and powered by an a.c. mains supply or d.c. mains supply, to detect essential manufacturing failures and unacceptable tolerances in manufacturing and materials. NOTE All the tests defined in this standard do not necessarily have to be performed at the end product manufacturing location. The optimal location for the routine electrical safety tests can be defined by the equipment manufacturer and reviewed under the compliance certification program.

Keel: en
Alusdokumendid: FprEN 62911:2015; IEC 62911:201X (108/570/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 10781

Health Informatics - HL7 Electronic Health Records-System Functional Model, Release 2 (EHR FM) (ISO/FDIS 10781:2015)

This conformance clause defines the minimum requirements for functional profiles claiming conformance to the EHR System Functional Model. It also identifies how EHR systems achieve conformance to the Functional Model, which is via the system's conformance to a particular functional domain profile, multiple functional profiles, or combination of domain and companion profiles. This clause specifies: - The purpose, structure, and use of conformance criteria that are to be included in the Functional Model and conforming functional profiles, - The rules for defining conforming functional profiles of the Functional Model, - The relationship between functional profiles and EHR systems, - Sample conformance clauses and use case scenarios, - Guidance on the conformance requirements that a functional profile might levy on EHR systems, - Guidance on the purpose and use of an EHR system Conformance Statement. While the conformance requirements for functional profiles can be found in this clause, they necessarily reference the Functional Model and other sources. This conformance clause does not specify testing or validation procedures to assess a functional profile's conformance to the Functional Model. It also does not specify testing or validation procedures to determine whether an EHR system conforms to a functional profile or matches its Conformance Statement.

Keel: en
Alusdokumendid: FprEN ISO 10781; ISO/FDIS 10781:2015
Asendab dokumenti: EVS-EN ISO 10781:2010

Arvamusküsitluse lõppkuupäev: 04.04.2015

prEN 16836-1

Communication systems for meters - Wireless mesh networking for meter data exchange - Part 1: Introduction and standardization framework

This European Standard gives the standardization framework of communication systems applicable to the exchange of data from metering devices to other devices within a mesh network. This European Standard specifies how to interpret prEN 16836-2:2015 and prEN 16836-3:2015 which give a list of references to the ZigBee documents. This series is applicable to communications systems that involve messages and networking between a meter or multiple meters and other devices in a mesh network, such as in home displays (IHDs) and communications hubs. This European Standard allows routing between devices and also allows channel agility to avoid contention with other networks of the same type, or indeed networks of other types operating in the same frequency bands. This European Standard is designed to support low power communications for devices such as gas and water meters which can make data from such devices available on the mesh network at any time through a proxy capability within a permanently powered device.

Keel: en
Alusdokumendid: ZigBee Specification - 05-3474 Rev 20; prEN 16836-1

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN 16836-2

Communication systems for meters - Wireless mesh networking for meter data exchange - Part 2: Networking layer and stack specification

This European Standard specifies the medium access control/physical layer MAC/PHY and networking layer of a communication protocol for the exchange of data from metering devices to other devices within a mesh network. The referenced documents in this European Standard contain specifications, interface descriptions, object descriptions, protocols and algorithms pertaining to this protocol standard, the device objects, device profile, the application framework, the network layer, and security services. They are referenced in their entirety for reasons of backwards compatibility and interoperability with products in the field currently using this technology.

Keel: en
Alusdokumendid: ZigBee Specification - 05-3474 Rev 20; prEN 16836-2

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN 16836-3

Communication systems for meters - Wireless mesh networking for meter data exchange - Part 3: Energy profile specification dedicated application layer

This European Standard specifies the application layer of a communication protocol for the exchange of data from metering devices to other devices within a mesh network. This European Standard makes reference to a number of documents whereby core requirements are specified. This referencing is in compliance with the Bridge Consortium and additionally the Memorandum of Understanding between the ZigBee Alliance and CEN/CENELEC. The EN 16836 series represents a feature subset of a larger standard and as such not all of the features specified in the referenced documents are specified in this standard, due to some features being outside the scope of CEN/TC 294. Where this is the case the out of scope feature has either been omitted or specified as excluded.

Keel: en
Alusdokumendid: ZigBee Specification - 05-3474 Rev 20; prEN 16836-3

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN 50600-2-5:2015

Information technology - Data centre facilities and infrastructures - Part 2-5: Security systems

This European Standard addresses the physical security of data centres based upon the criteria and classifications for “availability”, “security” and “energy efficiency enablement” within EN 50600-1. This European Standard provides designations for the data centres spaces defined in EN 50600-1. This European Standard specifies requirements and recommendations for those data centre spaces, and the security systems employed within those spaces, in relation to protection against: a) unauthorised access addressing constructional, organisational and technological solutions; b) fire events igniting within data centres spaces; c) other events within or outside the data centre spaces, which would affect the defined level of protection. Safety and electromagnetic compatibility (EMC) requirements are outside the scope of this European Standard and are covered by other standards and regulations. However, information given in this European Standard may be of assistance in meeting these standards and regulations.

Keel: en
Alusdokumendid: prEN 50600-2-5:2014

Arvamusküsitluse lõppkuupäev: 04.04.2015

43 MAANTEESÕIDUKITE EHITUS

FprEN 61851-21-1:2015

Electric vehicle conductive charging system - Part 21-1: Electric vehicle onboard charger EMC requirements for conductive connection to an a.c./d.c. supply

This part of IEC 61851 together with Part 1 gives requirements for conductive connection of an electric vehicle (EV) to an a.c. or d.c. supply. It applies only to on-board charging units either tested on the complete vehicle or tested on the charging system component level (ESA – electronic sub assembly). This part of the standard covers the Electromagnetic Compatibility (EMC) requirements for electrically propelled vehicles in any charging mode while connected to the mains supply. This part of the standard is not applicable to trolley buses, rail vehicles, industrial trucks and vehicles designed primarily to be used off-road, e.g. forestry and construction machines. NOTE 1 Specific safety requirements that apply to equipment on the vehicle during charging are treated in separate documents as indicated in the corresponding clauses of this document. NOTE 2 Electric vehicle (EV) includes pure electric vehicles as well as plug-in hybrid electric vehicles with additional combustion engine.

Keel: en
Alusdokumendid: FprEN 61851-21-1:2015; IEC 61851-21-1:201X (69/326/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 15118-1

Road vehicles - Vehicle to grid communication interface - Part 1: General information and use-case definition (ISO 15118-1:2013)

This International Standard specifies the communication between battery electric vehicles (BEV) or plug-in hybrid electric vehicles (PHEV) and the supply equipment (EVSE). It covers the overall information exchange between all actors involved in the electrical energy exchange. This International Standard is applicable for manually connected conductive charging. The purpose of this Part of ISO/IEC 15118 is the description of terms and definitions, general requirements and use cases as basis for the other parts of this International Standard. ISO/IEC 15118-1 provides a general overview and a common understanding of aspects influencing the charge process, the payment and the load levelling. It specifies furthermore the initial start-up process and security issues for charging. This International Standard does not define the vehicle internal communication between battery and charging equipment and the communication of the supply equipment to other actors and equipment. NOTE Vehicle internal communication and communication from the EVSE to other actors beside the vehicle may address as triggers in the use cases or as actors in the security requirements. Related hardware issues as plugs and cables are defined in other standards.

Keel: en
Alusdokumendid: ISO 15118-1:2013; FprEN ISO 15118-1

Arvamusküsitluse lõppkuupäev: 04.05.2015

45 RAUDTEETEHNIKA

EN 45545-2:2013/FprA1

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

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

Keel: en
Alusdokumendid: EN 45545-2:2013/FprA1
Muudab dokumenti: EVS-EN 45545-2:2013

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 45545-5:2013/FprA1

Railway applications - Fire protection on railway vehicles - Part 5: Fire safety requirements for electrical equipment including that of trolley buses, track guided buses and magnetic levitation vehicles

Amendment to EN 45545-5:2013

Keel: en
Alusdokumendid: EN 45545-5:2013/FprA1
Muudab dokumenti: EVS-EN 45545-5:2013

Arvamusküsitluse lõppkuupäev: 04.05.2015

EVS-EN 50367:2012/prA1:2015

Railway applications - Current collection systems - Technical criteria for the interaction between pantograph and overhead line (to achieve free access)

Amendment to EN 50367:2012

Keel: en
Alusdokumendid: EN 50367:2012/prA1:2015
Muudab dokumenti: EVS-EN 50367:2012

Arvamusküsitluse lõppkuupäev: 04.05.2015

47 LAEVAEHITUS JA MERE-EHITISED

EN ISO 21487:2012/prA2

Small craft - Permanently installed petrol and diesel fuel tanks (ISO 21487:2012/DAM 2:2015)

Amendment to EN ISO 21487:2012

Keel: en
Alusdokumendid: ISO 21487:2012/DAmd 2:2015; EN ISO 21487:2012/prA2
Muudab dokumenti: EVS-EN ISO 21487:2012

Arvamusküsitluse lõppkuupäev: 04.05.2015

49 LENNUNDUS JA KOSMOSETEHNIKA

FprEN 2591-315 rev

Aerospace series - Elements of electrical and optical connection - Test methods - Part 315: Fluid resistance

This standard specifies a method of checking the resistance of elements of connection to fluids. It shall be used together with EN 2591.

Keel: en
Alusdokumendid: FprEN 2591-315 rev
Asendab dokumenti: EVS-EN 2591-315:2000

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 3155-027

Aerospace series - Electrical contacts used in elements of connection - Part 027: Contacts, electrical, female, type A, crimp, class R - Product standard

This European Standard specifies the required characteristics and tests applicable to female contacts 027, type A, crimp, class R, used in elements of connection according to EN 3155-002. The associated male contacts are defined in EN 3155-026.

Keel: en
Alusdokumendid: FprEN 3155-027
Asendab dokumenti: EVS-EN 3155-027:2006
Asendab dokumenti: EVS-EN 3155-027:2006/AC:2006

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 3155-065

Aerospace series - Electrical contacts used in elements of connection - Part 065: Contacts, electrical, male, type A, crimp, class S, size 8 - Product standard

This European Standard specifies the required characteristics, tests and tooling applicable to male electrical contacts, type A, crimp, class S, size 8, used in elements of connection according to EN 3155-002. It shall be used together with EN 3155-001. The associated female contacts are defined in EN 3155-083.

Keel: en
Alusdokumendid: FprEN 3155-065
Asendab dokumenti: EVS-EN 3155-065:2014

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 3155-082

Aerospace series - Electrical contacts used in elements of connection - Part 082: Contacts, electrical, female, type A, crimp, class S - Product standard

This European Standard specifies the required characteristics, tests and tooling applicable to female electrical contacts 082, type A, crimp, class S used in elements of connection according to EN 3155-002. It shall be used together with EN 3155-001. The associated male contacts are defined in EN 3155-008 and EN 3155-070.

Keel: en
Alusdokumendid: FprEN 3155-082

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 3155-083

Aerospace series - Electrical contacts used in elements of connection - Part 083: Contact, electrical, female, type A, crimp, class S, size 8 - Product standard

This European Standard specifies the required characteristics, tests and tooling applicable to female electrical contacts, type A, crimp, class S, size 8, used in elements of connection according to EN 3155-002. It shall be used together with EN 3155-001. The associated male contacts are defined in EN 3155-065. The herein specified female contact shall be intermateable and compatible with the interface dimensions of the standard EN 3155-065.

Keel: en
Alusdokumendid: FprEN 3155-083
Asendab dokumenti: EVS-EN 3155-066:2014

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 3646-001

Aerospace series - Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous - Part 001: Technical specification

This standard specifies the general characteristics, the conditions for qualification, acceptance and quality assurance, as well as the test programmes and groups for bayonet coupling circular connectors, intended for use in an operating temperature range of – 65 °C to 175 °C or 200 °C continuous according to the class and models.

Keel: en
Alusdokumendid: FprEN 3646-001
Asendab dokumenti: EVS-EN 3646-001:2007

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 3646-004

Aerospace series - Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous - Part 004: Receptacle, jam-nut mounting - Product standard

This Standard defines the characteristics of the jam-nut mounted receptacles of 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 contact, filler plugs and rear accessories associated with this receptacle see EN 3646-002. For plugs and protective covers see EN 3646-008 and EN 3646-009 respectively.

Keel: en
Alusdokumendid: FprEN 3646-004
Asendab dokumenti: EVS-EN 3646-004:2013

Arvamusküsitluse lõppkuupäev: 04.05.2015

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 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 3660-001:2006

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 3660-002

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 002: Index of product standards

This European Standard lists the product standards, covered by technical specification EN 3660-001, for cable outlet accessories for use with circular and rectangular, electrical and optical connectors of types EN 2997, EN 3372, EN 3645, EN 3646 and EN 3682 on aerospace equipment.

Keel: en
Alusdokumendid: FprEN 3660-002
Asendab dokumenti: EVS-EN 3660-002:2006

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 3660-062 rev

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 062 : Cable outlet, style K, 90°, for heat shrinkable boot, shielded, sealed, self locking - Product standard

This European Standard defines a range of cable outlets, style K, 90°, shielded, sealed, self-locking (anti-rotational), for heat shrinkable boot, and/ or metallic bands for use under the following conditions: The mating connectors are listed in EN 3660-002. NOTE Class N in EN 3660-001 cross refers to class F in EN 3660-062.

Keel: en
Alusdokumendid: FprEN 3660-062 rev
Asendab dokumenti: EVS-EN 3660-062:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 3660-063 rev

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 063 : Cable outlet, style K, straight, for heat shrinkable boot, shielded, sealed, self locking - Product standard

This European Standard defines a range of cable outlets, style K, straight, shielded, sealed, self-locking (anti-rotational), heat shrinkable boot, and / or metallic bands for use under the following conditions: Associated electrical connector(s) : EN 3660-002. NOTE Class N in EN 3660-001 cross refers to class F in EN 3660-063.

Keel: en
Alusdokumendid: FprEN 3660-063 rev
Asendab dokumenti: EVS-EN 3660-063:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 3660-064 rev

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 064 : Cable outlet, style K, straight, for heat shrinkable boot, shielded, sealed, self locking - Product standard

This European Standard defines a range of cable outlets, style K, straight, shielded, sealed, self-locking (anti-rotational) for heat shrinkable boot, and / or metallic band under the following conditions: The mating connectors are listed in EN 3660-002. NOTE Class N in EN 3660-001 cross refers to class F in EN 3660-064.

Keel: en
Alusdokumendid: FprEN 3660-064 rev
Asendab dokumenti: EVS-EN 3660-064:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 3660-065 rev

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 065 : Cable outlet, style K, 90°, for heat shrinkable boot, shielded, sealed, self locking - Product standard

This European Standard defines a range of cable outlets, style K, 90°, shielded, sealed, self-locking (anti-rotational) for heat shrinkable boot, and or with metallic bands under the following conditions. The mating connectors are listed in EN 3660-002. NOTE Class N in EN 3660-001 cross refers to class F in EN 3660-065.

Keel: en
Alusdokumendid: FprEN 3660-065 rev
Asendab dokumenti: EVS-EN 3660-065:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 4165-026

Aerospace series - Connector, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 026: Accessories for single module connector - Product standard

This standard defines accessories of single modules connectors according to EN 4165-024 and EN 4165-025 used in the family of rectangular electrical connectors.

Keel: en

Alusdokumendid: FprEN 4165-026
Asendab dokumenti: EVS-EN 4165-026:2011

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 4165-027

Aerospace series - Connector, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 027: Rack and panel rear mounted plug - Product standard

This standard defines the rack and panel rear mounted plug 2 and 4 modules, series 3 used in the family of rectangular electrical connectors. The receptacles corresponding to those plugs are defined in EN 4165-002. The protective covers corresponding to those plugs are defined in EN 4165-019.

Keel: en
Alusdokumendid: FprEN 4165-027

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 4531-002

Aerospace series - Connectors, optical, circular, single and multipin, coupled by triple start threaded ring - Flush contacts - Part 002: Specification of performance and contact arrangements

This standard defines the performance and contact arrangements of circular optical connectors, coupled by triple start threaded ring.

Keel: en
Alusdokumendid: FprEN 4531-002
Asendab dokumenti: EVS-EN 4531-002:2012

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 4531-101

Aerospace series - Connectors, optical, circular, single and multipin, coupled by triple start threaded ring - Flush contacts - Part 101: Optical contact for EN 4641 multimode cable -55 °C to 125 °C - Product standard

This standard defines the performance and dimensions of optical PC profiled contact for multimode 62,5 micrometres/125 micrometres or 50 micrometres/125 micrometres fibre and (1,8 ± 0,1) mm diameter cable.

Keel: en
Alusdokumendid: FprEN 4531-101
Asendab dokumenti: EVS-EN 4531-101:2012

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 4531-201

Aerospace series - Connectors, optical, circular, single and multipin, coupled by triple start threades ring - Flush contacts - Part 201: Optical contact for EN 4641 singlemode cable -55 °C to 125 °C - Product standard

This standard defines the performance and dimensions of optical PC profiled contact for singlemode 9 micrometres/125 micrometres fibre and (1,8 ± 0,1) mm diameter cable.

Keel: en
Alusdokumendid: FprEN 4531-201

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 4652-412

Aerospace series - Connectors, coaxial, radio frequency - Part 412: Type 4, C interface - Clamp nut assembly version - Square flange receptacle - Product standard

This European Standard specifies the characteristics of bayonet coupling (C interface) coaxial straight square flange receptacles − 50 ohms. The cable to connector assembly is a clamp technology.

Keel: en
Alusdokumendid: FprEN 4652-412

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 4652-413

Aerospace series - Connectors, coaxial, radio frequency - Part 413: Type 4, C interface - Clamp nut assembly version - Bulkhead receptacle - Product standard

This European Standard specifies the characteristics of bayonet coupling (C interface) coaxial straight bulkhead receptacles − 50 ohms. The cable to connector assembly is a clamp technology.

Keel: en

Alusdokumendid: FprEN 4652-413

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 9239

Aerospace series - Programme Management - Guide for the risk management

This document enables to answer specific needs in the field of Aeronautics although it does not present any sectorial characteristic and may therefore apply to the needs of other areas. However, the specificity of some areas can lead to the use of existing sectorial standards such as EN ISO 17666 Space systems – Risk management (ISO 17666:2003). This document: proposes the main steps for setting up Risk Management framework within programme Management. This guideline may serve as a basis for writing a Risk Management specification; describes a process for controlling programme risks within the defined boundaries that are considered as tolerable. This standard process can be used as a methodological guide for writing the programme Risk Management Plan; recognises the need for knowledge management related to Risk Management, in order to capitalize and to share lessons learnt with other programmes, as well as the maturity assessment of the Risk Management; identifies useful documents for Risk Management; proposes an example of a typical checklist of risks related to a programme; in addition: addresses opportunities. An opportunity is an uncertain event with positive consequences on the programme.

Keel: en
Alusdokumendid: FprEN 9239

Arvamusküsitluse lõppkuupäev: 04.05.2015

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EN 60335-2-75:2014/FprA1

Household and similar electrical appliances - Safety - Part 2-75: Particular requirements for commercial dispensing appliances and vending machines

No scope available

Keel: en
Alusdokumendid: EN 60335-2-75:2014/FprA1; IEC 60335-2-75:2012/A1:201X (61/4868/CDV) (EQV)
Muudab dokumenti: FprEN 60335-2-75

Arvamusküsitluse lõppkuupäev: 04.05.2015

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 11378-2:2002/prA1

Textile floor coverings - Laboratory soiling tests - Part 2: Drum test (ISO 11378-2:2001/DAM 1:2015)

Amendment to EN ISO 11378-2:2001

Keel: en
Alusdokumendid: ISO 11378-2:2001/DAmd 1:2015; EN ISO 11378-2:2001/prA1
Muudab dokumenti: EVS-EN ISO 11378-2:2002

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 12951

Textile floor coverings - Determination of mass loss, fibre bind and stair nosing appearance change using the Lisson Tretrad machine (ISO/FDIS 12951:2015)

This international standard describes a test method for the determination of mass loss, fibre bind and stair nosing appearance change using a Lisson tretrad machine

Keel: en
Alusdokumendid: ISO/FDIS 12951:2015; prEN ISO 12951
Asendab dokumenti: EVS-EN 1963:2007

Arvamusküsitluse lõppkuupäev: 04.05.2015

65 PÕLLUMAJANDUS

prEN ISO 18497

Agricultural machinery and tractors - Safety of highly automated machinery (ISO/DIS 18497:2015)

The International standard specifies safety requirements for agricultural tractors, implements and selfpropelled machines allowing the highly automated operation. The purpose of the standard is to provide safety requirements and means of verification for the same level of safety for machines with functions allowing highly automated operations and for machines operated by onboard operators. NOTE For other safety requirements not related to highly automated functions, see product specific safety standards. When requirements of this international standard are different from those which are stated in a machine specific standard, the requirements of the machine specific standard take precedence over the requirements of this international standard. Agriculture tractors used in forestry applications are excluded from the scope. This international standard is applicable to tractors, implements,

and self-propelled machines that do not require an on-board operator for primary control. Machines may or may not include an on-board operator station.

Keel: en
Alusdokumendid: ISO/DIS 18497:2015; prEN ISO 18497

Arvamusküsitluse lõppkuupäev: 04.05.2015

67 TOIDUAINETE TEHNOLOOGIA

EN ISO 29841:2014/prA1

Vegetable fats and oils - Determination of the degradation products of chlorophylls a and a' (pheophytins a, a' and pyropheophytins) - Amendment 1 (ISO 29841:2014/DAM 1:2015)

No scope availabe

Keel: en
Alusdokumendid: ISO 29841:2009/DAmd 1; EN ISO 29841:2014/prA1
Muudab dokumenti: EVS-EN ISO 29841:2014

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 22964

Microbiology in the food chain - Horizontal method for the detection of Cronobacter spp. (ISO/DIS 22964:2015)

This standard describes the detection of Enterobacter sakazakii (Reference document: ISO/TS 22964)

Keel: en
Alusdokumendid: prEN ISO 22964; ISO/DIS 22964:2015

Arvamusküsitluse lõppkuupäev: 04.05.2015

75 NAFTA JA NAFTATEHNOLOOGIA

prEN ISO 12156-1

Diesel fuel - Assessment of lubricity using the high-frequency reciprocating rig (HFRR) - Part 1: Test method (ISO/DIS 12156-1:2015)

This part of ISO 12156 specifies a test method using the high-frequency reciprocating rig (HFRR), for assessing the lubricating property of diesel fuels, including those fuels which may contain a lubricityenhancing additive. It defines two methods for measurement of the wear scar; Method “A” - Digital Camera, and Method “B” - Visual Observation. This test method applies to fuels used in diesel engines. NOTE It is not known if this test method will predict the performance of all additive/fuel combinations.

Keel: en
Alusdokumendid: ISO/DIS 12156-1:2015; prEN ISO 12156-1
Asendab dokumenti: EVS-EN ISO 12156-1:2006

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 17827-1

Solid Biofuels - Determination of particle size distribution for uncompressed fuels - Part 1: Oscillating screen method using sieves with apertures of 3,15 mm and above (ISO/DIS 17827-1:2015)

This international standard describes method for determination of the the size distribution of particulate biofuels by the horizontally oscillating screen method. It applies to particulate uncompressed fuels with a nominal top size of 1 mm and above such as wood chips, hog fuel, olive stones etc. A sample is subjected to sieving through horizontally oscillating sieves, sorting the particles in decreasing size classes by mechanical means.The sieving operation shall be horizontally oscillating (one or two dimensional), using an appropriate stroke-frequency according to the type of material. The number of sieves and the aperture sizes of the sieves shall be chosen according to the size specification of the actual sample material.

Keel: en
Alusdokumendid: ISO/DIS 17827-1:2015; prEN ISO 17827-1
Asendab dokumenti: EVS-EN 15149-1:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 17827-2

Solid biofuels - Determination of particle size distribution for uncompressed fuels - Part 2: Vibrating screen method using sieves with aperture of 3,15 mm and below (ISO/DIS 17827-2:2015)

This international standard describes method for determination of the the size distribution of particulate biofuels by the horizontally oscillating screen method. It applies to particulate uncompressed fuels with a nominal top size of 1 mm and above such as wood chips, hog fuel, olive stones etc. A sample is subjected to sieving through horizontally oscillating sieves, sorting the particles in decreasing size classes by mechanical means.The sieving operation shall be horizontally oscillating (one or two dimensional),

using an appropriate stroke-frequency according to the type of material. The number of sieves and the aperture sizes of the sieves shall be chosen according to the size specification of the actual sample material.

Keel: en
Alusdokumendid: ISO/DIS 17827-2:2015; prEN ISO 17827-2
Asendab dokumenti: EVS-EN 15149-2:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 17830

Solid biofuels - Determination of particle size distribution of material within pellets (ISO/DIS 17830:2015)

This international standard describes the method for determination of the particle size of disintegrated pellets. The pellets are disolved in water and dried after which the particles are sieved to determine the size of the particles constituting the pellets.

Keel: en
Alusdokumendid: ISO/DIS 17830:2015; prEN ISO 17830
Asendab dokumenti: EVS-EN 16126:2012

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 19901-4

Petroleum and natural gas industries - Specific requirements for offshore structures - Part 4: Geotechnical and foundation design considerations (ISO/DIS 19901-4:2015)

This part of ISO 19901 contains requirements and recommendations for those aspects of geoscience and foundation engineering that are applicable to a broad range of offshore structures, rather than to a particular structure type. Such aspects are: site and soil characterization, identification of hazards, design and installation of shallow foundations supported by the seabed, design and installation of pile foundations soil–structure interaction for auxiliary structures, e.g. subsea production systems, risers and flowlines (guidance given in A.10); design of anchors for the stationkeeping systems of floating structures (guidance given in A.11). Particular requirements for marine soil investigations are detailed in ISO 19901-8. Aspects of soil mechanics and foundation engineering that apply equally to offshore and onshore structures are not addressed. The user of this part of ISO 19901 is expected to be familiar with such aspects. ISO 19901-4 outlines methods developed primarily for the design of shallow foundations with an embedded length (L) to diameter (D) ratio L/D<1 (Clause 7) or relatively long and flexible pile foundations with L/D>10 (Clause 8). This standard does not apply to intermediate foundations with 1<L/D<10. Such intermediate foundations, often known as 'caisson foundations', comprise either shallow foundations with skirts penetrating deeper into the seabed than the width of the foundation, or shorter, more rigid and larger diameter piles than those traditionally used for founding offshore structures. The design of such foundations can require specific analysis methods, and any extrapolation from the design methods described in this standard to intermediate foundations shall be treated with care and assessed by a geotechnical specialist on a case by case situation.

Keel: en
Alusdokumendid: prEN ISO 19901-4; ISO/DIS 19901-4:2015
Asendab dokumenti: EVS-EN ISO 19901-4:2003

Arvamusküsitluse lõppkuupäev: 04.05.2015

77 METALLURGIA

FprEN 10251

Magnetic materials - Methods of determination of the geometrical characteristics of electrical steel sheet and strip

This European Standard is intended to define the test methods used for the determination of the following geometrical characteristics of electrical steel sheet and strip: - flatness; - residual curvature; - edge camber; - deviation from the shearing line due to internal stresses; - burr height of cut edges. This European Standard applies to electrical steel sheet and strip intended for the construction of magnetic circuits and corresponding to Clauses B2, C21 and C22 of IEC 60404-1.

Keel: en
Alusdokumendid: FprEN 10251
Asendab dokumenti: EVS-EN 10251:2000

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 8044

Corrosion of metals and alloys - Basic terms and definitions (ISO/FDIS 8044:2015)

This International Standard defines terms relating to corrosion that are widely used in modern science and technology. In addition, some definitions are supplemented with short explanations. NOTE 1 Throughout the document IUPAC rules for electrode potential signs are applied. The term “metal” is also used to include alloys and other metallic materials. NOTE 2 Terms and definitions related to inorganic surface treatment of metals are given in ISO 2080.

Keel: en
Alusdokumendid: FprEN ISO 8044; ISO/FDIS 8044:2015
Asendab dokumenti: EVS-EN ISO 8044:2000

Arvamusküsitluse lõppkuupäev: 04.05.2015

79 PUIDUTEHNOLOOGIA

prEN ISO 19085-4
Woodworking machines - Safety - Part 4: Vertical panel circular sawing machines (ISO/DIS 19085-4:2015)

This international standard deals with all significant hazards, hazardous situations and events as listed in Clause 4 which are relevant to manually loaded and unloaded vertical panel sawing machines (with or without integrated feed) hereinafter referred to as "machines" 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 are taken into account.

Keel: en
Alusdokumendid: prEN ISO 19085-4; ISO/DIS 19085-4:2015

Arvamusküsitluse lõppkuupäev: 04.05.2015

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

EN 1863-1:2011/prA1
Glass in building - Heat strengthened soda lime silicate glass - Part 1: Definition and description

This document is currently submitted to the Enquiry and formal vote Procedure to amend clauses 7.1., 7.4.3., 8.3. and 10.

Keel: en
Alusdokumendid: EN 1863-1:2011/prA1
Muudab dokumenti: EVS-EN 1863-1:2011

Arvamusküsitluse lõppkuupäev: 04.05.2015

83 KUMMI- JA PLASTITÖÖSTUS

FprEN ISO 21509
Plastics and ebonite - Verification of Shore durometers (ISO 21509:2006)

This International Standard concerns the verification of type A and D Shore durometers used to conduct hardness tests as described in ISO 868.

Keel: en
Alusdokumendid: ISO 21509:2006; FprEN ISO 21509

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN 59
Glass reinforced plastics - Measurement of hardness by means of a Barcol impressor

This European Standard specifies a method for determining the indentation hardness of glass reinforced plastics materials using a Barcol Impressor, Model N° 934 1) As the Barcol Impressor is portable, this method is suitable for testing the hardness of fabricated parts and individual test specimens for production control purposes.

Keel: en
Alusdokumendid: prEN 59
Asendab dokumenti: EVS-EN 59:2000

Arvamusküsitluse lõppkuupäev: 04.04.2015

91 EHITUSMATERJALID JA EHITUS

EN 494:2012/FprA1
Kiudbetoonist profileeritud tava- ja eriplaadid. Spetsifikatsioon ja katsemeetodid
Fibre-cement profiled sheets and fittings - Product specification and test methods

This European Standard specifies the technical requirements and establishes methods of control and test as well as acceptance conditions for fibre-cement profiled sheets and their fibre-cement fittings for one or more the following uses: - roofing; - internal wall finishes; - external wall and ceiling finishes. For the purpose of this European Standard, fibre-cement profiles sheets are classified according to their height of corrugation and their mechanical characteristics. This European Standard covers fibre-cement profiled sheets reinforced with fibres of different type as specified in 5.1.1, with and without facotory applied coating. This European Standard does not include calculations with regard to works, design requirements, installation techniques, wind uplift or rain proofing of the installed sheets. NOTE: Some of these requirements can be applied, after agreement, to curved sheets for specific applications

Keel: en
Alusdokumendid: EN 494:2012/FprA1
Muudab dokumenti: EVS-EN 494:2012

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 60335-2-95:2015/FprA1:2015

Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use

Amendment to EN 60335-2-95:2015

Keel: en
Alusdokumendid: EN 60335-2-95:2015/FprA1:2015; IEC 60335-2-95:2011/A1:2015
Muudab dokumenti: EVS-EN 60335-2-95:2015

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 13203-1

Gas fired domestic appliances producing hot water - Part 1: Assessment of performance of hot water deliveries

This document is applicable to gas-fired appliances producing domestic hot water. It applies to both instantaneous and storage appliances; water-heaters and combination boilers that have: - heat input not exceeding 70 kW; and - hot water storage capacity (if any) not exceeding 500 l. In the case of combination boilers, with or without storage tank, domestic hot water production is integrated or coupled, the whole being marketed as a single unit. The present document sets out in qualitative and quantitative terms the performance in delivery of domestic hot water for a selected variety of uses. It also gives a system for presenting the information to the user.

Keel: en
Alusdokumendid: FprEN 13203-1
Asendab dokumenti: EVS-EN 13203-1:2006

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 60335-2-103:2015

Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows

This International Standard deals with the safety of electric drives for horizontally and vertically moving gates, doors, garage doors and windows for household and similar purposes, their rated voltage being not more than 250 V for single-phase drives and 480 V for other drives. It also covers the hazards associated with the movement of the driven part. Battery-operated drives and other d.c. supplied drives are within the scope of this standard. Dual supply drives, either mains-supplied or battery-operated, are regarded as batteryoperated drives when operated in the battery mode. Drives not intended for normal household use but which nevertheless may be a source of danger to the public, such as drives intended to be used by laymen in shops, offices, hotels, restaurants, hospitals, in industry and on farms, are within the scope of this standard. Requirements for drives for doors that may be used in emergency routes and exits are given in Annex AA.

Keel: en
Alusdokumendid: FprEN 60335-2-103:2015; IEC 60335-2-103:201X (61/4877/FDIS) (EQV)
Asendab dokumenti: EVS-EN 60335-2-103:2015

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 11855-1

Building environment design - Design, dimensioning, installation and control of embedded radiant heating and cooling systems - Part 1: Definition, symbols, and comfort criteria (ISO 11855-1:2012)

This European Standard shall stipulate the processes and conditions needed to design radiant heating and cooling systems embedded in the structures of the rooms. In addition, this standard includes the determination of heating and cooling capacity, dimensioning, dynamic analysis, installation, operation, and control methods of radiant heating and cooling systems. This international standard is applicable to embedded system that is integrated with the building structure. But this is not applicable to the panel system with open air gap, which is not integrated with the building structure. This standard applies also, as appropriate, to the use of other fluids or electricity instead of water as heating or cooling medium. Part 1 of this standard specifies the basic definition, symbols, and a comfort criteria regarding the radiant heating and cooling systems.

Keel: en
Alusdokumendid: ISO 11855-1:2012; FprEN ISO 11855-1
Asendab dokumenti: EVS-EN 15377-1:2008

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 11855-2

Building environment design - Design, dimensioning, installation and control of embedded radiant heating and cooling systems - Part 2: Determination of the design heating and cooling capacity (ISO 11855-2:2012)

This European Standard is applicable to water based surface heating and cooling systems in residential, commercial and industrial buildings. The methods apply to systems integrated into the wall, floor or ceiling construction without any open air gaps. The methods do not apply to heated or chilled ceiling panels or beams. This standard provides steady-state calculation methods for determination of the heating and cooling capacity (part 2). This standard applies also, as appropriate, to the use of other fluids instead of water. This standard is not applicable for testing of systems.

Keel: en
Alusdokumendid: FprEN ISO 11855-2; ISO 11855-2:2012

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 11855-3

Building environment design - Design, dimensioning, installation and control of embedded radiant heating and cooling systems - Part 3: Design and dimensioning (ISO 111855-3:2012)

This European Standard shall stipulate the processes and conditions needed to design radiant heating and cooling systems embedded in the structures of the rooms. In addition, this standard includes the determination of heating and cooling capacity, dimensioning, dynamic analysis, installation, commissioning, operation, and control methods of radiant heating and cooling system. This international standard is applicable to embedded system that is integrated with the building structure. But this is not applicable to the panel system with open air gap, which is not integrated with the building structure. This standard applies also, as appropriate, to the use of other fluids or electricity instead of water as heating or cooling medium. Part 3 of this standard deals with system design and dimensioning method to ensure the heating and cooling capacity of the radiant heating and cooling systems.

Keel: en
Alusdokumendid: ISO 11855-3:2012; FprEN ISO 11855-3

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 11855-4

Building environment design - Design, dimensioning, installation and control of embedded radiant heating and cooling systems - Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity of Thermo Active Building Systems (TABS) (ISO 11855-4:2012)

This European Standard is applicable to water based embedded surface heating and cooling systems in residential, commercial and industrial buildings. The methods apply to systems integrated into the wall, floor or ceiling construction without any open air gaps. The methods do not apply to heated or chilled ceiling panels or beams. The aim of the present standard is not the evaluation of cooling load for dynamic simulations, but to give a guide for dimensioning Thermo Active Building Systems (TABS), which can enable the use of renewable energy sources. This Standard allows the calculation of peak cooling capacity of a thermo active building system (based on heat gains, such as solar gains, internal heat gains, and ventilation), and the calculation of the cooling power demand on the water side to be used to size the cooling system, as regards the chiller size, fluid flow rate, etc. This standard defines even a detailed method aimed at the calculation of heating and cooling capacity in unsteady state conditions. Steady state heating capacity is calculated according to method B or E in Part 2 of this series of standards instead.

Keel: en
Alusdokumendid: ISO 11855-4:2012; FprEN ISO 11855-4
Asendab dokumenti: EVS-EN 15377-3:2007

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 11855-5

Building environment design - Design , dimensioning, installation and control of embedded radiant heating and cooling systems - Part 5: Installation (ISO 11855-5:2012)

This European Standard applies to heating and cooling systems embedded into the enclosure surfaces of the room to be heated or to be cooled. This International Standard specifies uniform requirements for the design and the construction of heating and cooling floor, ceiling and wall structures to ensure that the heating/cooling systems are suited to the particular application. The requirements specified by this International Standard concern only the components of the heating/cooling systems and the elements which are part of the heating/cooling surface and which are installed due to the heating/cooling systems. This International Standard is not applicable to the other elements which are part of the floor, ceiling and wall structures (heated or not heated).

Keel: en
Alusdokumendid: ISO 11855-5:2012; FprEN ISO 11855-5

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN ISO 16283-2

Acoustics - Field measurement of sound insulation in buildings and of building elements - Part 2: Impact sound insulation (ISO/FDIS 16283-2:2015)

This part of ISO 16283 specifies procedures to determine the impact sound insulation using sound pressure measurements with an impact source operating on a floor or stairs in a building. These procedures are intended for room volumes in the range from 10 m3 to 250 m3 in the frequency range from 50 Hz to 5 000 Hz. The test results can be used to quantify, assess and compare the impact sound insulation in unfurnished or furnished rooms where the sound field might, or might not approximate to a diffuse field. Two impact sources are described: the tapping machine and the rubber ball. These impact sources do not exactly replicate all possible types of real impacts on floors or stairs in buildings. The tapping machine can be used to assess a variety of light, hard impacts such as footsteps from walkers wearing hard-heeled footwear or dropped objects. A single number quantity can be calculated using the rating procedures in ISO 717-2. This single number quantity links the measured impact sound insulation using the tapping machine to subjective assessment of general impacts in dwellings that occur on floors or stairs in a building. The tapping machine is also well-suited to the prediction of impact sound insulation using ISO 15712-2. These two aspects facilitate the specification of impact sound insulation in national building requirements using only measurements with the tapping machine as an impact source. The rubber ball can be used to assess heavy, soft impacts such as from walkers in bare feet or

children jumping, as well as quantifying absolute values that can be related to human disturbance in terms of a Fast time-weighted maximum sound pressure level. At present, calculation procedures for a single number quantity do not currently exist in an ISO Standard.

Keel: en
Alusdokumendid: FprEN ISO 16283-2; ISO/FDIS 16283-2:2015
Asendab dokumenti: EVS-EN ISO 140-14:2004
Asendab dokumenti: EVS-EN ISO 140-14:2004/AC:2009
Asendab dokumenti: EVS-EN ISO 140-7:2000

Arvamusküsitluse lõppkuupäev: 04.05.2015

HD 60364-5-557:2013/FprAA:2015

Low-voltage electrical installations - Part 5-557: Selection and erection of electrical equipment - Auxiliary circuits

No Scope Available

Keel: en
Alusdokumendid: HD 60364-5-557:2013/FprAA:2015
Muudab dokumenti: EVS-HD 60364-5-557:2014

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 52010-1

Energy performance of buildings - Overarching Assessment Procedures. External environment conditions - Part 1: Calculation Procedures (ISO/DIS 52010-1:2015)

This new international standard will provide calculation procedures for the conversion of measured (global and beam normal) solar radiation climatic data, obtained from EN ISO 15927, to irradiation at vertical and tilted planes, including assumptions to assess the impact of surrounding obstacles on the irradiation (shading). Procedures for the use of output from EN ISO 15927 (parts 1 to 6) as input for the EPB assessment.

Keel: en
Alusdokumendid: ISO/DIS 52010-1:2015; prEN ISO 52010-1

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 52016-1

Energy performance of buildings - Calculation of the energy needs for heating and cooling, internal temperatures and heating and cooling load in a building or building zone - Part 1: Calculation procedures (ISO/DIS 52016-1:2015)

The work concerns revision of existing standard EN ISO 13790. The scope will change. This revised international standard will provide calculation methods for assessment of the sensible and latent energy needs for space heating and cooling of a residential or a non-residential building, or a part of it, referred to as "the building". This method calculates, for a thermal zone in a building, the sensible and latent thermal energy needs based on the balance between the heat and moisture transfer by transmission and ventilation and the internal and solar heat gains. The energy needs are calculated by an hourly or monthly method. The hourly calculation method will be described in EN ISO 52017-1 (upgraded version of simple hourly method). The monthly method will be given in this standard including procedures how to derive monthly correlation coefficients from hourly calculations. The following input values and boundary conditions are obtained from other standards in the EPB series: overall routing of the energy performance calculation; occupancy patterns and conditions of use; thermal zoning of the building; environment conditions, thermal, dynamic (mass) and solar characteristics of building elements and their junctions; air infiltration and ventilation and ventilation system characteristics. Moisture absorption and desorption in building elements will not be considered. Because some of the characteristics that are input for the calculation are also dependent on the thermal balance calculation, many interactions will have to be accounted for at the level of each time step. The standard will contain simplified approaches for the energy balance in adjacent spaces that are not heated or cooled, including sunspaces

Keel: en
Alusdokumendid: ISO/DIS 52016-1:2015; prEN ISO 52016-1

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 52017-1

Energy performance of buildings - Calculation of the dynamic thermal balance in a building or building zone - Part 1: Generic calculation procedure (ISO/DIS 52017-1:2015)

This new international standard will, in two parts, integrate EN 15265, EN 15255, EN-ISO 13791 and EN-ISO 13792. Depending on the development, the split between part 1 and part 3 will be between a detailed method(s) (part 1) and simple method(s) (part 3). This standard will contain a consistent and integrated set of requirements and additional descriptions of the thermal balance model for the hourly calculation of the energy needs for heating and cooling, the heating and cooling loads and indoor temperature in a thermal zone of a building. It will be directly usable by ISO 52016-1 for the calculation of the energy needs and by other EPB standards (e.g. from CEN/TC 156) dealing with needs, loads or indoor (e.g. summer) temperature calculations.

Keel: en
Alusdokumendid: ISO/DIS 52017-1:2015; prEN ISO 52017-1
Asendab dokumenti: EVS-EN ISO 13791:2012

Arvamusküsitluse lõppkuupäev: 04.05.2015

93 RAJATISED

FprEN ISO 18674-1

Geotechnical investigation and testing - Geotechnical monitoring by field instrumentation - Part 1: General rules (ISO/FDIS 18674-1:2015)

This part of ISO 18674 lays out the general rules for the performance monitoring of the ground, of structures interacting with the ground, of geotechnical fills, and of geotechnical works. Specifically, this part of ISO 18674 applies to field instrumentation and measurements carried out — in connection with site investigations of soils and rocks, — in connection with Observational Design procedures, — in connection with the performance of geotechnical structures before, during, and after construction, — for ground behaviour evaluation, e.g. unstable slopes, consolidation etc., — for the proof or follow-up of a new equilibrium within the ground, after disturbance of its natural state by construction measures (e.g. foundation loads, excavation of soil, tunnelling), — for the proof or follow-up of the stability, serviceability, and safety of structures and operations which might be influenced by geotechnical construction, — for perpetuation of evidence, and — for the evaluation and control of geotechnical works. NOTE This part of ISO 18674 fulfils the requirements for general rules for the performance monitoring of the ground, of structures interacting with the ground, and of geotechnical works as part of the geotechnical investigation and testing according to References [8] and [9].

Keel: en
Alusdokumendid: ISO/DIS 18674:2013; prEN ISO 18674:2013; FprEN ISO 18674-1; ISO/FDIS 18674-1:2015

Arvamusküsitluse lõppkuupäev: 04.04.2015

97 OLME. MEELELAHUTUS. SPORT

EN 60335-1:2012/FprA2:2015

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 1: Üldnõuded
Household and similar electrical appliances - Safety - Part 1:General requirements

Amendment to EN 60335-1:2012

Keel: en
Alusdokumendid: EN 60335-1:2012/FprA2:2015; IEC 60335-1:2010/A2:201X (61/4859/CDV) (EQV)
Muudab dokumenti: EVS-EN 60335-1:2012

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 60335-2-11:2010/FprA2:2015

Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers

Amendment to EN 60335-2-11:2010

Keel: en
Alusdokumendid: EN 60335-2-11:2010/FprA2:2015; IEC 60335-2-11:2008/A2:201X (61/4863/CDV) (EQV)
Muudab dokumenti: EVS-EN 60335-2-11:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 60335-2-2:2010/FprA2:2015

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-2: Erinõuded tolmuimejatele ja veeimemis-puhastusseadmetele
Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliance

Amendment to EN 60335-2-2:2010

Keel: en
Alusdokumendid: EN 60335-2-2:2010/FprA2:2015; IEC 60335-2-2/A2:201X (61/4860/CDV) (EQV)
Muudab dokumenti: EVS-EN 60335-2-2:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 60335-2-54:2008/FprA1:2015

Household and similar electrical appliances - Safety - Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam

Amendment to EN 60335-2-54:2008

Keel: en
Alusdokumendid: EN 60335-2-54:2008/FprA1:2015; IEC 60335-2-54:2008/A1:201X (61/4867/CDV) (EQV)
Muudab dokumenti: EVS-EN 60335-2-54:2009

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 60335-2-8:201X/FprA1:2015

Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances

Amendment to EN 60335-2-8

Keel: en
Alusdokumendid: EN 60335-2-8:201X/FprA1:2015; IEC 60335-2-8:2012/A1:201X (61/4861/CDV) (EQV)
Muudab dokumenti: FprEN 60335-2-8

Arvamusküsitluse lõppkuupäev: 04.05.2015

EN 60335-2-9:2015/FprA2:2015

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

Amendment to EN 60335-2-9:2015

Keel: en
Alusdokumendid: EN 60335-2-9:2015/FprA2:2015; IEC 60335-2-9:2008/A2:201X (61/4862/CDV) (EQV)
Muudab dokumenti: FprEN 60335-2-9:2015

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 60335-2-102:2015

Household and similar electrical appliances - Safety - Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections

No scope available

Keel: en
Alusdokumendid: FprEN 60335-2-102:2015; IEC 60335-2-102:2004; IEC 60335-2-102:2004/A1:2008; IEC 60335-2-102:2004/A2:2012
Asendab dokumenti: EVS-EN 60335-2-102:2006
Asendab dokumenti: EVS-EN 60335-2-102:2006/A1:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 60335-2-14:2015

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

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

Keel: en
Alusdokumendid: FprEN 60335-2-14:2015; IEC 60335-2-14:201X (61/4864/CDV) (EQV)
Asendab dokumenti: EVS-EN 60335-2-14:2006
Asendab dokumenti: EVS-EN 60335-2-14:2006/A1:2008
Asendab dokumenti: EVS-EN 60335-2-14:2006/A11:2012
Asendab dokumenti: EVS-EN 60335-2-14:2006/A11:2012/AC:2013

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 60335-2-23:2015

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-23: Erinõuded naha- ja juuksehooldusseadmetele
Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care

This International Standard deals with the safety of electric appliances for the care of skin or hair of persons or animals and intended for household and similar purposes, their rated voltage being not more than 250 V. NOTE 101 Examples of appliances that are within the scope of this standard are: curling combs; curling irons; curling rollers with separate heaters; facial saunas; hairdryers; hair straighteners; hand dryers; heaters for detachable curlers; permanent-wave appliances.

Keel: en
Alusdokumendid: FprEN 60335-2-23:2015; IEC 60335-2-23:201X (61/4865/CDV) (EQV)
Asendab dokumenti: EVS-EN 60335-2-23:2003
Asendab dokumenti: EVS-EN 60335-2-23:2003/A1:2008
Asendab dokumenti: EVS-EN 60335-2-23:2003/A11:2011

Asendab dokumenti: EVS-EN 60335-2-23:2003/A11:2011/AC:2012
Asendab dokumenti: EVS-EN 60335-2-23:2003/A2:2015

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 60335-2-29:2015

Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric battery chargers for household and similar use having an output not exceeding 120 V ripple-free d.c., their rated voltage being not more than 250 V. Battery chargers intended for charging batteries in a household end use application outside the scope of the IEC 60335 series of standards are within the scope of this standard. Requirements for battery chargers for use by children at least 8 years old without supervision are given in Annex AA. Battery chargers not intended for normal household use, but which nevertheless may be a source of danger to the public, such as battery chargers intended for use in garages, shops, light industry and on farms, are within the scope of this standard. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account – persons (including children) whose • physical, sensory or mental capabilities; or • lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; – children playing with the appliance.

Keel: en
Alusdokumendid: FprEN 60335-2-29:2015; IEC 60335-2-29:201X (61/4866/CDV) (EQV)
Asendab dokumenti: EVS-EN 60335-2-29:2004
Asendab dokumenti: EVS-EN 60335-2-29:2004/A2:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

FprEN 60335-2-9:2015

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja muudele taolistele seadmetele
Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

This International Standard deals with the safety of electric portable appliances for household and similar purposes that have a cooking function such as baking, roasting and grilling, their rated voltage being not more than 250 V. NOTE 101 Examples of appliances that are within the scope of this standard are: barbecues for indoor use; breadmakers; contact grills (griddles); cookers; food dehydrators; hotplates; pop-corn makers; portable ovens; raclette grills; radiant grills; roasters; rotary grills; rotisseries; toasters; waffle irons

Keel: en
Alusdokumendid: IEC 60335-2-9:2008; FprEN 60335-2-9:2015
Asendab dokumenti: EVS-EN 60335-2-9:2003
Asendab dokumenti: EVS-EN 60335-2-9:2003/A1:2004
Asendab dokumenti: EVS-EN 60335-2-9:2003/A12:2007
Asendab dokumenti: EVS-EN 60335-2-9:2003/A2:2006

Arvamusküsitluse lõppkuupäev: 04.04.2015

FprEN 62885-2:2015

Surface cleaning appliances - Part 2: Dry vacuum cleaners for household and similar use - Methods for measuring the performance

This International Standard is applicable for measurements of the performance of dry vacuum cleaners for household use in or under conditions similar to those in households. The purpose of this standard is to specify essential performance characteristics of dry vacuum cleaners being of interest to the users and to describe methods for measuring these characteristics. NOTE 1 Due to influence of environmental conditions, variations in time, origin of test materials and proficiency of the operator, most of the described test methods will give more reliable results when applied for comparative testing of a number of appliances at the same time, in the same laboratory and by the same operator. NOTE 2 This standard is not intended for battery-operated vacuum cleaners. For safety requirements, reference is made to IEC 60335-1 and IEC 60335-2-2.

Keel: en
Alusdokumendid: FprEN 62885-2:2015; IEC 62885-2:201X (59F/276/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN 14749

Kodune köögi mahutusmööbel ja töölauad. Ohutusnõuded ja katsemeetodid
Furniture - Domestic and kitchen storage units and kitchenworktops - Safety requirements and test methods

This European Standard specifies safety requirements for all types of kitchen and bathroom storage units and domestic storage furniture that are fully assembled and ready for use, including kitchen-worktops and movable and non-movable components and components made of glass. It specifies additional test methods in Annex A (normative). It does not apply to non-domestic storage, office storage, industrial storage, catering equipment, retail storage and industrial storage lockers. It does not apply to units covered by EN 71-1, Safety of toys – Part 1: Mechanical and physical properties and EN 60065, Audio, video and similar electronic apparatus – Safety requirements. It does not include requirements for electrical safety. If the furniture has additional functions, it is essential that it also meets the safety requirements of the appropriate European safety standard for that function. Safety

depending on the structure of the building is not included, e.g. the strength of wall hanging units includes only the cabinet and its components. The wall and the wall attachments are not included. This European Standard does not include requirements for the resistance to ageing, degradation and flammability. Annex A (normative) contains additional test methods. Annex B (normative) contains a guideline for testing according to this document. Annex C (informative) contains an example of loading of wall hanging units. Annex D (informative) contains the relation between safety requirements, total mass and position of centre of gravity.

Keel: en
Alusdokumendid: prEN 14749:2015
Asendab dokumenti: EVS-EN 14749:2005

Arvamusküsitluse lõppkuupäev: 04.04.2015

prEN 60335-2-113

Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for cosmetic and beauty care appliances incorporating lasers and intense light sources

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of cosmetic and beauty care appliances incorporating lasers or intense light sources for household and similar purposes, their rated voltage being not more than 250 V. NOTE 101 Battery-operated appliances and other d.c. supplied appliances are within the scope of this standard. Dual supply appliances, either mains-supplied or battery-operated, are regarded as battery-operated appliances when operated in the battery mode. This standard covers appliances with a light emitting surface less than 25 cm2. Appliances with a light emitting surface equal to or greater than 25 cm2 other than those containing only light emitting diodes (LEDs) are within the scope IEC 60335-2-27. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public such as appliances intended to be used in beauty salons and similar premises are also within the scope of this standard.

Keel: en
Alusdokumendid: prEN 60335-2-113; IEC 60335-2-113:201X (61/4870/CDV) (EQV)

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 25649-1

Floating leisure articles for use on and in the water - Part 1: Classification, materials, general requirements and test methods (ISO/DIS 25649-1:2015)

This European Standard specifies safety requirements and test methods related to materials, safety, performance for classified floating leisure articles for use on and in water in accordance with Clause 4 (see Table 1). This document (EN 15649-1) is only applicable with EN 15649-2 and the relevant specific parts (EN 15649-3 to EN 15649-7). NOTE 1 Specific safety requirements are specified in the specific parts EN 15649-3 to EN 15649-7. NOTE 2 The specific parts can include exclusions from the general requirements specified in this document and/or EN 15649-2.

Keel: en
Alusdokumendid: ISO/DIS 25649-1:2015; prEN ISO 25649-1
Asendab dokumenti: EVS-EN 15649-1:2010+A2:2014

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 25649-2

Floating leisure articles for use on and in the water - Part 2: Consumer information (ISO/DIS 25649-2:2015)

This European Standard specifies consumer information for classified floating leisure articles for use on and in water according to EN 15649-1. This document (EN 15649-2) is applicable with EN 15649-1 and the relevant specific parts (EN 15649-3 to EN 15649-7). NOTE 1 Specific safety requirements are specified in the specific parts EN 15649-3 to EN 15649-7. NOTE 2 The specific parts can include exclusions from the general requirements specified in this document and/or EN 15649-1.

Keel: en
Alusdokumendid: ISO/DIS 25649-2:2015; prEN ISO 25649-2
Asendab dokumenti: EVS-EN 15649-2:2010+A2:2013

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 25649-3

Floating leisure articles for use on and in the water - Part 3: Additional specific safety requirements andtest methods for Class A devices (ISO/DIS 25649-3:2015)

This European Standard is applicable for CLASS A classified floating leisure articles for use on and in water according to EN 15649-1 regardless whether the buoyancy is achieved by inflation or inherent buoyant material. This document (EN 15649-3) is applicable with EN 15649-1 and EN 15649-2.

Keel: en
Alusdokumendid: ISO/DIS 25649-3:2015; prEN ISO 25649-3
Asendab dokumenti: EVS-EN 15649-3:2010+A1:2012

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 25649-4

Floating leisure articles for use on and in the water - Part 4: Part 4: Additional specific safety requirements andtest methods for Class B devices (ISO/DIS 25649-4:2015)

This European Standard specifies safety requirements and test methods related to materials, safety, performance and consumer information for classified floating leisure articles for use on and in the water according to EN 15649-1. This document is applicable with EN 15649-1 and EN 15649-2. This European Standard is applicable for Class B floating leisure articles for use on and in the water according to EN 15649-1 regardless whether the buoyancy is achieved by inflation or inherent buoyant material.Class B devices provide a buoyant structure with one or more body openings into which the user is positioned partly immersed.

Keel: en
Alusdokumendid: ISO/DIS 25649-4:2015; prEN ISO 25649-4
Asendab dokumenti: EVS-EN 15649-4:2010+A1:2012

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 25649-5

Floating leisure articles for use on and in the water - Part 5: Additional specific safety requirements andtest methods for Class C devices (ISO/DIS 25649-5:2015)

This European Standard is applicable for CLASS C classified floating leisure articles for use on and in water according to EN 15649-1 regardless of whether the buoyancy is achieved by inflation or inherent buoyant material. This document (EN 15649-5) is applicable with EN 15649-1 and EN 15649-2.

Keel: en
Alusdokumendid: ISO/DIS 25649-5:2015; prEN ISO 25649-5
Asendab dokumenti: EVS-EN 15649-5:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 25649-6

Floating leisure articles for use on and in the water - Part 6: Additional specific safety requirements andtest methods for Class D devices (ISO/DIS 25649-6:2015)

This European Standard is applicable for CLASS D floating leisure articles for use on and in water according to EN 15649-1 regardless whether the buoyancy is achieved by inflation or inherent buoyant material. This document (EN 15649-6) is applicable with EN 15649-1 and EN 15649-2.

Keel: en
Alusdokumendid: ISO/DIS 25649-6:2015; prEN ISO 25649-6
Asendab dokumenti: EVS-EN 15649-6:2010+A1:2014

Arvamusküsitluse lõppkuupäev: 04.05.2015

prEN ISO 25649-7

Floating leisure articles for use on and in the water - Part 7: Part 7: Additional specific safety requirements andtest methods for class E devices (ISO/DIS 25469-7:2015)

This European Standard is applicable for CLASS E floating leisure articles for use on and in water according to EN 15649-1 regardless whether the buoyancy is achieved by inflation or inherent buoyant material. This document (EN 15649-7) is applicable with EN 15649-1 and EN 15649-2. Class E devices are intended for use in bathing areas or in protected and safe shore zones.

Keel: en
Alusdokumendid: ISO/DIS 25649-7:2015; prEN ISO 25649-7
Asendab dokumenti: EVS-EN 15649-7:2010

Arvamusküsitluse lõppkuupäev: 04.05.2015

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.

EN 15376

Mootorikütused. Etanool mootoribensiini segukomponendina. Nõuded ja katsemeetodid

Standard sätestab nõuded ja katsemeetodid turustatavale ja tarnitavale ottomootoriga sõidukite mootoribensiini segukomponendina kasutatavale etanoolile vastavalt standardi EN 228 [5] nõuetele. Standard kehtib etanoolile, mida kasutatakse segukomponendina kuni 85 mahu% (kaasaarvatud) ulatuses. MÄRKUS Selles standardis kasutatakse massiosade μ ja mahuosade φ eristamiseks vastavalt tähiseid „% (m/m)“ ja „% (V/V)“.

Keel: et
Alusdokumendid: EN 15376:2014

Kommenteerimise lõppkuupäev: 04.04.2015

EN 62115:2005/A12

Elektrilised mänguasjad. Ohutus

Muudatus standardile EN 62115:2005

Keel: et
Alusdokumendid: EN 62115:2005/A12:2015

Kommenteerimise lõppkuupäev: 04.04.2015

EVS-EN 14211:2012

Välisõhk. Kemoluminestsentsil põhinev standardmeetod lämmastikdioksiidi ja lämmastikmonooksiidi kontsentratsiooni mõõtmiseks

Standard kirjeldab kemoluminestsentsmeetodit lämmastikdioksiidi ja lämmastikmonooksiidi kontsentratsiooni pidevmõõtmiseks välisõhus. Määratletakse suutlikkusnäitajad ja nende nõutavad väärtused sobiva kemoluminestsentsanalüsaatori valikul tüübikinnituskatsetes. Standardis kirjeldatakse ka analüsaatori sobivuse hindamist kindla mõõtekoha jaoks kontrollimaks, et täidetud oleks direktiivi 2008/50/EÜ I lisa [1] nõuded andmekvaliteedile ning proovivõtule, kalibreerimisele ja kvaliteedikontrollile kasutamise käigus. Meetod sobib lämmastikdioksiidi mõõtmiseks välisõhus kuni kontsentratsioonini 500 µg/m³. See kontsentratsioonivahemik on tüübikinnituskatsetes kasutatav NO2 kontsentratsioonivahemik. Meetod sobib lämmastikmonooksiidi mõõtmiseks välisõhus kuni kontsentratsioonini 1200 µg/m³. See kontsentratsioonivahemik on tüübikinnituskatsetes kasutatav NO kontsentratsioonivahemik.

Keel: et
Alusdokumendid: EN 14211:2012

Kommenteerimise lõppkuupäev: 04.04.2015

EVS-EN 60728-1:2015

Televisiooni-, heli- ja multimeediasignaalide kaabelvõrgud. Osa 1: Süsteemi pärisuuna-ahela näitajad

Käesolev EVS-EN 60728 osa on rakendatav igasuguse kaabelvõrgu (sealhulgas individuaalvastuvõtusüsteemide) puhul, millel on pärisuuna-ahelas koaksiaalväljund ja mis on mõeldud eelkõige televisiooni- ja raadiolevisignaalidele vahemikus ligikaudu 30 MHz kuni 3 000 MHz. Käesolev EVS-EN 60728 osa sätestab koaksiaalväljundit omavate kaabelvõrkude töökarakteristikute mõõtmise põhilised meetodid, eesmärgiga määrata nende süsteemide näitajad ja nende töö piirväärtused.

Keel: et
Alusdokumendid: IEC 60728-1:2014; EN 60728-1:2014

Kommenteerimise lõppkuupäev: 04.04.2015

EVS-EN 61000-3-2:2014

Elektromagnetiline ühilduvus. Osa 3-2: Piirväärtused. Vooluharmooniliste emissiooni lubatavad piirid (seadmetel sisendvooluga kuni 16 A faasi kohta)

See IEC 61000 osa käsitleb avalikku toitesüsteemi sisestatavate vooluharmooniliste piiramist. See seab piirangud sisendvoolu harmooniliste komponentidele, mis võivad kindlaksmääratud tingimustel olla tekitatud katsetatavast seadmest. Harmooniliste komponente mõõdetakse vastavalt lisadele A ja B. See IEC 61000 osa on kohaldatav elektri- ja elektroonikaseadmetele, mille sisendvool on kuni 16 A faasi kohta ning on mõeldud ühendamiseks madalpinge avalikesse jaotussüsteemidesse. Sellesse standardisse on sisse viidud mitteprofikaarkeevitusseadmed, sisendvooluga kuni 16 A faasi kohta. Professionaalseks kasutamiseks mõeldud kaarkeevitusseadmed, nagu on täpsustatud dokumendis IEC 60974-1, on sellest standardist välja jäetud ja nad võivad olla paigaldamispiirangutega, nagu on esitatud dokumendis IEC TR 61000-3-4 või IEC 61000-3-12. Antud standardile vastavad katsed on tüübikatsed. Konkreetsete seadmete katsetingimused on toodud lisas C. Süsteemidele

nominaalpingega alla 220 V (faas-neutraal) ei ole veel piirväärtusi kasutusele võetud. MÄRKUS Sõnad aparaat, seade, vahend ja seadmed, mida kasutatakse selles standardis, on antud standardi mõistes ühtse tähendusega.

Keel: et
Alusdokumendid: IEC 61000-3-2:2014; EN 61000-3-2:2014

Kommenteerimise lõppkuupäev: 04.04.2015

EVS-EN 71-14:2014

Mänguasjade ohutus. Osa 14: Batuudid koduseks kasutamiseks

Käesolev Euroopa standard määrab kindlaks nõuded ja katsemeetodid batuutidele koduseks kasutuseks, nende juurdepääsuseadmed ja tarandikud, mis on mõeldud välis- ja/või sisekasutuseks maapinna kohal korraga ühe isiku poolt. Käesoleva standardi käsitlusalast jäävad välja: — batuudid, mida kasutatakse võimlemisvahenditena, ning mida hõlmatakse standardiga EN 13219; — voolavad täispuhutavad batuudid, mida hõlmatakse standardiseeriaga EN 15649; — batuudid, mida kasutatakse avalikel mänguväljakutel; — kaldega mattbatuudid; — täispuhutavad batuudid; — kehatreeninguks (fitnessiks) mõeldud batuudid, kaasaarvatud meditsiinilise otstarbega batuudid; — lisaomadustega batuudid, näit telgid, korvpallirõngas; — batuudid koduseks kasutuseks, mis on süvendatud maa tasapinnale.

Keel: et
Alusdokumendid: EN 71-14:2014

Kommenteerimise lõppkuupäev: 04.04.2015

EVS-EN 71-7:2014

Mänguasjade ohutus. Osa 7: Sõrmevärvid. Nõuded ja katsemeetodid

Standardi EN 71 selles osas määratakse nõuded ainetele ja materjalidele mida kasutatakse sõrmevärvides ja rakendatakse ainult sõrmevärvide kohta. Lisanõuded on esitatud märgistusele, etikettimisele ja taarale.

Keel: et
Alusdokumendid: EN 71-7:2014

Kommenteerimise lõppkuupäev: 04.04.2015

prEVS-ISO 4037-2

Röntgen- ja gammakiirguse etalonid dosimeetrite ja doosikiiruse mõõteseadmete kalibreerimiseks ning nende reaktsiooniaja määramiseks footonienergia funktsioonina. Osa 2: Kiirguskaitse dosimeetria üle energiavahemiku 8 keV kuni 1,3 MeV ja 4 MeV kuni 9 MeV

Käesolev standardi osa kirjeldab röntgeni ja gamma referentskiirguse dosimeetria protseduure kiirguskaitse instrumentide kalibreerimiseks energiavahemikus ligikaudu 8 keV kuni 1,3 MeV ja 4 MeV kuni 9 MeV. Nende referentskiirguste alusel saadud nominaalseid kermakiiruse väärtusi ja saamisviise kirjeldatakse osas ISO 4037-1.

Keel: et
Alusdokumendid: ISO 4037-2:1997

Kommenteerimise lõppkuupäev: 04.04.2015

STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE ÜLEVAATUS

Algupärase Eesti standardi ülevaatus toimub üldjuhul iga viie aasta järel ning selle eesmärk on kontrollida standardi tehnilist taset, vastavust aja nõuetele, vastavust kehtivatele õigusaktidele, kooskõla rahvusvaheliste või Euroopa standarditega jne.

Ülevaatuse tulemusena jäetakse standard kehtima, algatatakse standardi muudatuse või uustöötluse koostamine, tühistatakse standard või asendatakse see ülevõetava Euroopa või rahvusvahelise standardiga.

PIKENDAMISKÜSITLUS

EVS 731:1997
Toidukartul
Ware potatoes

Standard kehtib kartulile, mida müüakse värskena otseselt tarbijale jaekaubandusvõrgus või toitlustusettevõtetele toidukartuliks saagiaastal alates 1, oktoobrist ja saagile järgneval aastal. Standard ei kehti toorkartuli, tärklisekartuli, piirituskartuli ning varajase kartuli kohta.

Pikendamisküsitluse lõppkuupäev: 04.04.2015

EVS 742:2001
Seemnekartul. Määramismeetodid
Seed potatoes. Methods of determination

Käesolev standard kehtib seemnekartuli kohta, milles käsitletakse määramismeetodeid seemnekartuli kahjustajate määramiseks.

Pikendamisküsitluse lõppkuupäev: 04.04.2015

EVS 808:2001
Seemnekartul. Proovivõtumeetodid ja seemnepõldude kontroll
Seed potatoes. Sampling and field control

Käesolev standard kehtib seemnekartuli kohta, milles käsitletakse seemnekartuli proovide võtmist haiguste ja kahjurite määramiseks ning kasvuaegset seemnepõldude kontrolli.

Pikendamisküsitluse lõppkuupäev: 04.04.2015

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 686:2001
Värske nuikapsas
Fresh kohlrabi

Käesolev standard käsitleb värskelt kaubastatava nuikapsa (Brassica oleracea var. gongyloides) varsvilja kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud nuikapsa kohta.

Keel: et
Tühistamisküsitluse lõppkuupäev: 04.04.2015

EVS 693:1995
Värske rabarber
Fresh rhubarb

Standard käsitleb värskelt kaubastatava rabarbri (Rheum rhabarbarum ja Rheum rhaponticum) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud rabarbri kohta.

Keel: et
Tühistamisküsitluse lõppkuupäev: 04.04.2015

EVS 699:1995
Värske juurseller
Fresh celeriac

Standard käsitleb värskelt kaubastatava juurselleri (Apium graveolens var. rapaceum) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud juurselleri kohta.

Keel: et
Tühistamisküsitluse lõppkuupäev: 04.04.2015

EVS 700:1995
Värske petersell
Fresh parsley

Standard käsitleb värskelt kaubastatava nii leht- kui juurpeterselli (Petroselinum crispum ssp. crispum ja ssp. tuberosum) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud peterselli kohta.

Keel: et
Tühistamisküsitluse lõppkuupäev: 04.04.2015

EVS 701:1995
Värske aedtill
Fresh dill

Standard käsitleb värskelt kaubastatava aedtilli (Anethum graveolens var. hortorum) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud aedtilli kohta.

Keel: et
Tühistamisküsitluse lõppkuupäev: 04.04.2015

EVS 714:1995
Värsked mustad arooniad
Fresh black chokeberries

Standard käsitleb värskelt kaubastatavate musta aroonia viljade (Aronia melanocarpa (Michx) Elliott) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist. Standard ei kehti töötlemiseks määratud musta aroonia kohta

Keel: et
Tühistamisküsitluse lõppkuupäev: 04.04.2015

EVS 715:1995
Värsked ebaküdooniad
Fresh Japanese quinces

Standard käsitleb värskelt kaubastatavate karusmarjade ebaküdoonia viljade (Chaenomeles perekond) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist. Standard ei kehti töötlemiseks määratud ebaküdoonia viljade kohta.

Keel: et
Tühistamisküsitluse lõppkuupäev: 04.04.2015

EVS 750:1998

Õunapuu-, pirnipuu- ja kultuurpihlakaistikud
Young plants of apple trees, pear trees and rowan trees

Standard käsitleb müügiks kasvatatavate õunapuu- (Malus), pirnipuu (Pyrus) ja kultuurpihlaka (Sorbus) istikute kvaliteedinõudeid ning kaubastamiseks ettevalmistamist.

Keel: et
Tühistamisküsitluse lõppkuupäev: 04.04.2015

EVS 751:1998

Ploomipuu- ja kirsipuuistikud
Young plum and cherry trees

Standard käsitleb müügiks kasvatatavate ploomipuu-, kreegipuu- ning hapu- ja maguskirsipuuistikute (Prunus, Cerasus) kvaliteedinõudeid ning kaubastamiseks ettevalmistamist.

Keel: et
Tühistamisküsitluse lõppkuupäev: 04.04.2015

EVS 752:1998

Maasikaistikud
Young strawberry plants

Standard käsitleb müügiks kasvatatavate maasikaistikute (Fragaria) kvaliteedinõudeid ning kaubastamiseks ettevalmistamist.

Keel: et
Tühistamisküsitluse lõppkuupäev: 04.04.2015

EVS 753:1998

Vaarika- ja pampliistikud
Young raspberry and boysenberry plants

Standard käsitleb müügiks kasvatatavate vaarika- ja pampliistikute (Rubus idaeus) kvaliteedinõudeid ning kaubastamiseks ettevalmistusi.

Keel: et
Tühistamisküsitluse lõppkuupäev: 04.04.2015

EVS 754:1998

Sõstra- ja karusmarjaistikud
Young currant and gooseberry plants

Standard käsitleb müügiks kasvatatavate musta, punase ja valge sõstra ning karusmarjaistikute (Ribes) kvaliteedinõudeid ja kaubastamiseks ettevalmistamist

Keel: et
Tühistamisküsitluse lõppkuupäev: 04.04.2015

EVS 755:1998

Viljapuude pookealused
Rootstocks of fruit trees

Standard käsitleb müügiks kasvatatavate õunapuude (Malus), pirnipuude (Pyrus), ploomipuude (Prunus) ja kirsipuude (Prunus, Cerasus) pookealuste kvaliteedinõudeid ning kaubaks ettevalmistamist

Keel: et
Tühistamisküsitluse lõppkuupäev: 04.04.2015

EVS 778:2001

Ilupuude ja -põõsaste istikud
Bedding plants of ornamemental trees and shrubs

Standard käsitleb turustatavate ilupuude ja -põõsaste, ronitaimede ning püsikute istikute kvaliteedinõudeid, pakendamist ja märgistamist.

Keel: et
Tühistamisküsitluse lõppkuupäev: 04.04.2015

EVS 779:2001

Värsked lõikelilled. Värske lõike-iluroheline
Fresh cut flowers. Fresh cut ornamental foliage.

Standard käsitleb turustatavaid värskeid lõikelilli, nende puhkemata ja puhkenud lõikeõisi ning värsket lõike-ilurohelist, määratleb nende kvaliteedi- ja suurusnõuded ning pakendamise ja märgistamise.

Keel: et
Tühistamisküsitluse lõppkuupäev: 04.04.2015

EVS 787:2001

Lillesibulad
Flowering bulbs

Standard käsitleb turustatavaid lillekultuuride sibulaid, mugulaid, mugulsibulaid, juuremugulaid, varremugulaid ja risoome, määratleb nende kvaliteedinõuded ning pakendamise ja märgistamise. Standardis kasutatakse kõigi loetletud taimeosade üldnimetusena sõna lillesibul.

Keel: et
Tühistamisküsitluse lõppkuupäev: 04.04.2015

EVS 802:2001

Potililled
Pot flowers

Standard käsitleb turustatavaid potis kasvatatavaid õis-, vili- ja lehtdekoratiivseid toa- ja õuetaimi, määratleb nende kvaliteedi- ja suurusnõuded ning pakendamise ja märgistamise. Standardis kasutatakse eeltoodud taimede üldnimetusena sõna potilill. Standard ei käsitle potis turustatavaid istikuid.

Keel: et
Tühistamisküsitluse lõppkuupäev: 04.04.2015

EVS-EN 133:2001

Hingamisteede kaitsevahendid. Klassifikatsioon
Respiratory protective devices - Classification

This European Standard classifies respiratory protective devices (RPD) according to their basic design, i.e. a general logical grouping of the RPD. This European standard is intended to serve as a basis introductory reference for users and for the preparation and revision of European Standards on respiratory protective devices.

Keel: en
Alusdokumendid: EN 133:2001
Tühistamisküsitluse lõppkuupäev: 04.04.2015

EVS-EN 14806:2005

Packaging - Preliminary evaluation of the disintegration of packaging materials under simulated composting conditions in a laboratory scale test

This laboratory scale test method using synthetic waste aims at simulating the environmental conditions found in industrial composting plants. Packaging materials exposed to this environment can be preliminary assessed for disintegrability.

Keel: en
Alusdokumendid: EN 14806:2005
Tühistamisküsitluse lõppkuupäev: 04.04.2015

TEADE EUROOPA STANDARDI OLEMASOLUST

Selles rubriigis avaldame teavet Euroopa standardite ja CENELEC-i harmoneerimisdokumentide kohta, mille on Standardikeskusele kättesaadavaks teinud Euroopa standardimisorganisatsioonid, ja mida ei avaldata Eesti standardina enne Euroopa organisatsiooni ja Standardikeskuse kokku lepitud dokumendi olemasolust avalikkuse teavitamise hiliseimat tähtpäeva. 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 13162:2012/FprA1

Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud mineraalvillatooted (MW). Spetsifikatsioon
Thermal insulation products for buildings - Factory made mineral wool (MW) products - Specification

Eeldatav avaldamise aeg Eesti standardina 08.2015

EN 61439-5:2015

Madalpingelised aparaadikoosted. Osa 5: Avalike elektrivõrkude elektrijaotuskoosted
Low-voltage switchgear and controlgear assemblies - Part 5: Assemblies for power distribution in public networks

Eeldatav avaldamise aeg Eesti standardina 07.2015

EN 61557-8:2015

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 8: IT-süsteemide isolatsiooniseireseadmed
Electrical safety in low voltage distribution systems up to 1 000 v a.c. And 1 500 v d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 8: insulation monitoring devices for IT systems

Eeldatav avaldamise aeg Eesti standardina 10.2015

EN 61557-9:2015

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 9: Isolatsioonirikkelokatsiooniseadmed IT-süsteemides
Electrical safety in low voltage distribution systems up to 1 000 v a.c. And 1 500 v d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 9: Equipment for insulation fault location in IT systems

Eeldatav avaldamise aeg Eesti standardina 10.2015

AVALDATUD EESTIKEELSED STANDARDIPARANDUSED

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

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

EVS 882-1:2013/AC:2015

Informatsioon ja dokumentatsioon. Dokumendielemendid ja vorminõuded. Osa 1: Kiri
Information and documentation. Elements of records and requirements for record's layout. Part 1: Letter

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

CEN/TS 1992-4-4:2009

Kinnituste projekteerimine betooni. Osa 4-4: Järelpaigaldatavad kinnituselemendid. Mehaanilised süsteemid
Design of fastenings for use in concrete - Part 4-4: Post-installed fasteners - Mechanical systems

1.1 Üldsätted 1.1.6 See dokument põhineb normkandevõimetel ja -kaugustel, mis on määratletud Euroopa tehnilises spetsifikatsioonis. Selle CEN/TS meetodite järgi arvutamise aluseks peavad asjakohases Euroopa tehnilises spetsifikatsioonis olema antud vähemalt tabelis 1 toodud normväärtused.

EVS 894:2008/A2:2015

Loomulik valgustus elu- ja bürooruumides
Daylight in dwellings and offices

EVS 894+A1 muudatus A2

EVS 894:2008+A2:2015

Loomulik valgustus elu- ja bürooruumides
Daylight in dwellings and offices

Standardis esitatakse soovitused päevavalguse projekteerimiseks.

EVS 924:2015

Vesiehitised sisevetel. Põhialused
Hydraulic structures on inland waters - Basic principles

See Eesti standard rakendub voolu- või seisuveekogudele vee kasutamise ja kaitse eesmärgil rajatud vesiehitistele ning nende ehitamisele. Standardis määratletakse ja liigitatakse voolu- ja seisuveekogudel paiknevaid vesiehitisi alljärgnevalt: • veejuhtmed (nt kanalid, kraavid, torustikud, truubid, düükrid, veetunnelid); • paisveekogud, paisehitised ja nende osad (nt ülevoolud, liigveelaskmed, varjad); • kalapääsud; • kalakasvandused; • veeliiklusega seotud rajatised; • pumplad ja survetorustikud.

EVS-EN 13941:2009+A1:2010

Eelisoleeritud torudest kaugküttesüsteemide projekteerimine ja paigaldamine KONSOLIDEERITUD TEKST
Design and installation of preinsulated bonded pipe systems for district heating CONSOLIDATED TEXT

See Euroopa standard määrab eeskirjad kuuma vee maa-aluste jaotus- ja edastusvõrkude eelisoleeritud torustike projekteerimise, arvutamise ja paigaldamise jaoks (vt joonis 2) standardile EN 253 vastavate torustike abil pidevaks tööks kuuma vee mitmesuguste temperatuuride juures kuni 120 □C, lühiajaliselt tipptempertuuriga kuni 140 □C ja maksimaalse siserõhuga 25 baari (ülerõhk). Rakendusreegel: Torude suuremate mõõtmete ning rõhu korral alla 25 baari võib sirgtorude, põlvede ja torukolmikute jaoks olla vajalik standardis EN 253 spetsifitseeritust suurem seinapaksus. Standardi põhimõtteid võib rakendada eelisoleeritud torustikele rõhuga üle 25 baari eeldusel, et pööratakse erilist tähelepanu rõhu toimele. Võrku kuuluvad naabertorud (nt torud kanalites, siibrikambrites ja maapealsetes tee lõikumistes jne) võib projekteerida ja paigaldada selle standardi kohaselt. Standard eeldab puhastatud vee kasutamist, mida on töödeldud veepehmenduse, demineraliseerimise, deaereerimise, kemikaalide lisamise teel või muul viisil, sisemise korrosiooni ja setete vältimiseks torudes. See standard ei ole rakendatav järgmiste üksuste jaoks: a) pumbad, b) soojusvahetid, c) katelagregaadid ja mahutid, d) tarbijapaigaldised. Tuleb siiski tagada selliste üksuste täielik töövõime ja vastupidavus, võttes arvesse kaugküttesüsteemi mõju ning muid toimeid, tulenevalt nende paigaldustingimustest. Suunised toote kvaliteedi kontrollimiseks ja liidete katsetamiseks kasutuskohas on toodud standardi EN 448:2009 lisas A, standardi EN 253:2009 lisas D, standardi EN 488:2009 lisas A ja standardi EN 489:2009 lisas B. Suunised polüetüleenümbrise keevitamiseks on toodud standardi EN 448:2009 lisas B. Eeldatava eluea hinnang pideva töö korral, mitmesuguste temperatuuride juures, on välja toodud standardi EN 253:2009 lisas B.

EVS-EN 14315-2:2013

Ehituslikud soojusisolatsioonitooted. Pihustatud jäigad vahtpolüuretaan- (PUR) ja vahtpolüisotsüanuraattooted (PIR). Osa 2: Paigaldatud vahttoodete spetsifikatsioon
Thermal insulating products for buildings - In-situ formed sprayed rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products - Part 2: Specification for the installed insulation products

See Euroopa standard esitab nõuded kasutuskohas valmistatavatele pihustatud jäikadele vahtpolüuretaan- ja vahtpolüisotsüanuraattoodetele kasutamiseks seintel, lagedel, katustel, ripplagedel ja põrandatel. Selle Euroopa standardi osa 2 on paigaldatud isolatsioonitoodete spetsifikatsioon. Selle Euroopa standardi osa 2 kirjeldab koos standardi EN 14315 osaga 1 EL-i ehitustoodete direktiivi oluliste nõuetega seotud toote omadusi. See määratleb ka toote paigaldaja poolt deklaratsioonide jaoks kasutatavad kontrollimised ja katsetamised. See Euroopa standard ei spetsifitseeri kõigi omaduste nõutavat taset, mille

saavutamine näitaks toote sobivust konkreetseks kasutusotstarbeks. Konkreetse kasutusotstarbe puhul nõutavad tasemed on toodud õigusaktides või sobivates standardites. Selle standardi käsitlusalasse ei kuulu tehases valmistatud jäigad vahtpolüuretaan- (PUR) või vahtpolüisotsüanuraattooted (PIR) ega kasutuskohas valmistatavad tooted, mis on ette nähtud hoonete tehnoseadmete ja tööstuspaigaldiste soojustamiseks. MÄRKUS Vahttooteid nimetatakse kas painduvateks või jäikadeks. Painduvaid tooteid kasutatakse polsterduseks ja madratsites ja neid iseloomustatakse nende võime järgi läbi painduda, toetada ja oma algset paksust jätkuvalt kasutusea jooksul taastada. Neid tooteid, mis ei paindu, nimetatakse jäikadeks ja neil ei ole nimetatud paindumisomadusi. Neid kasutatakse peamiselt soojusisolatsioonis ja nende survetugevusnäitajad varieeruvad ulatuslikult. Kui jäiga vahu poorne struktuur on purustatud, ei taasta see oma paksust täielikult. Mõni neist jäikadest vahtudest on väga väikse tihedusega ja väga madala survetugevusega ja selliseid vahte nimetatakse kaubanduses mõnikord pehmeteks vahtudeks või pooljäikadeks vahtudeks. See märkus on lisatud selgitamaks, et kõigi sellise kirjeldusega vahtude puhul kasutatakse selles standardis terminit „jäik vaht“.

EVS-EN 15026:2007

Hoone elementide ja piirdetarindite soojus- ja niiskustehniline toimivus. Niiskuslevi hindamine numbrilise modelleerimisega
Hygrothermal performance of building components and building elements - Assessment of moisture transfer by numerical simulation

See standard spetsifitseerib võrrandid, mida kasutatakse modelleerimismeetodis ehituskonstruktsioone läbiva mittestatsionaarse soojus- ja niiskusülekande arvutamisel. Standardis esitatakse ka võrdlusnäide (benchmark example), mida kasutatakse väidetavalt lubatavate tolerantside piirides sellele standardile vastava modelleerimismeetodi hindamisel. Selle standardi võrrandid võtavad arvesse järgmisi akumuleerumise ja ühemõõtmelise ülekande juhtumeid: • soojuse akumuleerumine kuivas ehitusmaterjalis ja absorbeerunud vees; • soojusjuhtivus tulenevalt niiskusest sõltuvast soojuserijuhtivusest; • varjatud soojuse levi veeauru difusiooni teel; • veeauru sorptsioonist ja kapillaarjõududest põhjustatud niiskuse sisaldus; • veeauru aurudifusioon; • vedeliku liikumisest põhjustatud niiskuslevi (pinddifusioon ja kapillaarvool). Selles standardis kirjeldatavad võrrandid võtavad arvesse järgmisi klimaatilisi muutujaid: • sise- ja välistemperatuur; • sise- ja välisniiskus; • lühilaineline päikesekiirgus ja pikalaineline soojuskiirgus; • sademed (tavaline ja kaldvihm); • tuule kiirus ja suund. Selles standardis kirjeldatavad soojus- ja niiskustehnilised võrrandid ei ole rakendatavad kui: • toimub konvektsioon läbi avade ja pragude; • kahemõõtmelised mõjurid on olulise tähtsusega (nt niiskuse tõus (pinnasest), tingimused külmasildade ümbruses, gravitatsioonijõudude mõju); • esinevad hüdraulilised, osmootsed ja elektroforeesist põhjustatud jõud; • keskmine päevatemperatuur ehituskomponendis ületab 50 °C.

EVS-EN 197-2:2014

Tsement. Osa 2: Vastavushindamine
Cement - Part 2: Conformity evaluation

See Euroopa standard määrab kindlaks skeemi tsementide toimivuse püsivuse (AVCP) hindamiseks ja tõendamiseks nende vastavate tootestandardite nõuetele, kaasa arvatud toimivuse püsivuse sertifikaatide väljastamine toote sertifitseerimisasutuse poolt. Standard annab tehnilised reeglid tootjapoolseks tehase tootmisohjeks, hõlmates proovide sisekontrollkatsetamist, ja toote sertifitseerimisasutuse ülesanneteks. Ühtlasi annab standard reeglid, kuidas toimida mittevastavuse puhul, määrab protseduuri toimivuse püsivuse tõendamiseks ning esitab nõuded hulgiladudele. Selles Euroopa standardis kasutatakse mõistet „tsement“ nii standardis EN 197-1 määratletud harilike tsementide kui ka teiste tsementide ja sideainete kohta, mille asjakohastes tootestandardites viidatakse sellele Euroopa standardile ning mis kuuluvad sertifitseerimisele. Nimetatud tsemendid on toodetud teatud tehases ning on klassifitseeritud kindla tüübi ja tugevusklassi järgi vastavalt asjakohase tootestandardi määratlusele ja spetsifikatsioonile. Tehnilises aruandes CEN/TR 14245 [1] toodud juhised on kasutatavad selle Euroopa standardi tõlgendamisel. See Euroopa standard peab olema vastavuses tsementi ja sideaineid käsitlevate Euroopa standardite lisadega ZA, nagu EN 197-1, EN 14216, EN 14647, EN 413-1, EN 15743, eriti tootjale ja toote sertifitseerimisasutusele määratud ülesannete osas. MÄRKUS Selle eraldiseisva dokumendi koostamise põhjuseks oli selles toodud käsitluste kasutusvõimalus eri toodete juures, mis on kaetud eri Euroopa standarditega.

EVS-EN 50561-1:2013

Elektriliinsideseadmed madalpingepaigaldistes. Raadiohäiringute tunnussuurused. Piirväärtused ja mõõtemeetodid. Osa 1. Majasisene aparatuur
Power line communication apparatus used in low-voltage installations - Radio disturbance characteristics - Limits and methods of measurement -- Part 1: Apparatus for in-home use

See standardi EN 50561 osa määratleb raadiohäiringute tunnussuuruste piirväärtused ja mõõtemeetodid majades kasutatavatele sideseadmetele, mis kasutavad edastusmeediumina madalpingevõrku. See standardi EN 50561 osa kohaldub seadmetele, mis suhtlevad selles meediumis sagedusalas 1,6065 MHz kuni 30 MHz. MÄRKUS Väljaspool seda sagedusala töötavaid samalaadseid seadmeid uuritakse ning need kaetakse teise Euroopa standardiga. Standardis kirjeldatakse seadme genereeritud signaalide mõõteprotseduure ning määratakse piirväärtused sagedusvahemikus 9 kHz kuni 400 GHz. Sagedustel, kus piirväärtusi ei ole määratud, ei tule mõõtmisi teha.

EVS-EN 612:2005

Plekist jäikusservaga räästarennid ja pikiliitega vihmaveetorud
Eaves gutters with bead stiffened fronts and rainwater pipes with seamed joints made of metal sheet

See dokument spetsifitseerib nõuded plekist räästarennidele ja vihmaveetorudele. Standard määrab ära toote üldised omadused, tähistamissüsteemi, liigituse, markeerimise ja kvaliteedinõuded. Dokument rakendub räästarennidele ja välisvihmaveetorudele, mis toetuvad metallist kanduritele ja mida kasutatakse vihmavee ärajuhtimiseks. Rennide kuju ja mõõtmed määratletakse, lähtudes katuselt torudesse juhitavast veehulgast ja arhitektoonilistest nõuetest. See dokument spetsifitseerib nõuded räästarennidele ja vihmaveetorudele, mis tagavad nende toodete vastavuse tavalistele kasutustingimustele, nagu vihmavee,

sulanud lume- ja jäävee kogumine ja ärajuhtimine hoonest väljaspool asuvasse drenaaži- või kanalisatsioonisüsteemi. See dokument ei hõlma nõudeid kinnitus- ja tugikonstruktsioonidele ja lisaplekkidele ning liidete või eri komponentide ühendamiseks kasutatavatele meetoditele. See dokument ei hõlma nõudeid kohapeal käsitsi valmistatavatele räästarennidele.

EVS-EN 61326-1:2013

Elektrilised mõõte-, juhtimis- ja laboratooriumiseadmed. Elektromagnetilise ühilduvuse nõuded. Osa 1: Üldnõuded
Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements

IEC 61326 see osa sätestab elektromagnetilise ühilduvuse, häiringutaluvuse ja emissiooni nõudeid elektriseadmetele, mida toidetakse võrgust või akudelt vahelduvpingel kuni 1000 V või alalispingel kuni 1500 V või mõõdetavast elektriahelast. See osa käsitleb professionaalse kasutuse, tööstusprotsesside, tööstusliku tootmise ja haridusala valdkonda kuuluvaid seadmeid. See sisaldab seadmeid ja arvutusseadiseid, mis on ette nähtud tööstuslikes ja mittetööstuslikes paigaldistes — mõõtmisteks ja katsetamiseks, — juhtimiseks, — laboratoorseks kasutamiseks, — lisaseadistena, mis on mõeldud kasutamiseks koos eelpool mainitutega (näiteks näidiste käsitsemise seadised). Arvutusseadiseid ja -koosteid ning muid taolisi seadmeid, mis kuuluvad infotehnikaseadmete käsitlusalasse ja vastavad sellekohastele infotehnikaseadmete elektromagnetilise ühilduvuse standarditele, võib kasutada süsteemides, mis vastavad IEC 61326 selle osa käsitlusalale, ilma lisakatsetusteta, kui need sobivad kasutamiseks ettenähtud elektromagnetilises keskkonnas. Üldreeglina tuleb arvestada, et see standard on võrreldes vastavate elektromagnetilise ühilduvuse põhistandarditega ülimuslik. Selle standardi käsitlusalasse kuuluvad alljärgnevalt nimetatud seadmed. a) Elektrilised mõõte- ja katsetusseadmed. Siia kuuluvad seadmed, mis elektriliselt mõõdavad, kuvavad või salvestavad üht või mitut elektrilist või mitteelektrilist suurust, samuti aga ka mittemõõteseadmed, nagu signaaligeneraatorid, mõõteetalonid, toiteallikad ja mõõtemuundurid. b) Elektrilised juhtimisseadmed. Siia kuuluvad seadmed, mis juhivad üht või mitut väljundsuurust ettenähtud väärtusele, mis on määratud käsisätestusega, kohaliku või kaugprogrammeerimisega või ühe või mitme sisendmuutujaga. See sisaldab tööstuslike protsesside mõõtmise ja juhtimise (Industrial Process Measurement and Control, IPMC) seadmeid, mis koosnevad sellistest seadmetest nagu näiteks — protsessikontrollerid ja -regulaatorid, — programmeeritavad kontrollerid, — seadmete ja süsteemide toiteallikad (tsentraalsed või kohalikud), — analoog-digitaalindikaatorid ja salvestusseadmed, — protsessiinstrumendid, — muundurid, positsioneerimisseadised, tarktäiturid jne. c) Elektrilised laboriseadmed. Siia kuuluvad seadmed, mis mõõdavad, kuvavad, jälgivad või analüüsivad materjale või mida kasutatakse materjalide ettevalmistamisel ning sisaldavad kehaväliseid diagnostikaseadmeid (In Vitro Diagnostic, IVD). Selliseid seadmeid võib kasutada ka mujal kui laborites, näiteks enesetestimise-IVD seadmed võivad olla ka kodukasutuses. Selle standardi käsitlusalasse kuuluvad seadmed võivad talitleda erisugustes elektromagnetilistes keskkondades; sõltuvalt elektromagnetilisest keskkonnast tuleb rakendada erisuguseid kiirgushäiringute ja häiringutaluvuse katsetuste nõudeid. See standard võtab arvesse kolme liiki elektromagnetilisi keskkondi: • elektromagnetiline baaskeskkond, • tööstuslik elektromagnetiline keskkond, • kontrollitud elektromagnetiline keskkond. Vastavad häiringutaluvuse katsetustele esitatavad nõuded on kirjeldatud peatükis 6. Vastavalt häiringutaluvuse nõuetele tuleb seadmed jaotada klassi A või B vastavalt CISPR 11 nõuetele ja protseduuridele. Vastavad häiringutaluvuse nõuded on kirjeldatud peatükis 7.

EVS-EN ISO 13788:2012

Hoone elementide ja piirdetarindite soojus- ja niiskustehniline toimivus. Kriitilise pinnaniiskuse ja elemendisisese kondenseerumise vältimine. Arvutusmeetodid
Hygrothermal performance of building components and building elements - Internal surface temperature to avoid critical surface humidity and interstitial condensation - Calculation methods (ISO 13788:2012)

See rahvusvaheline standard esitab järgmised lihtsustatud arvutusmeetodid: a) Hoone piirdetarindi või hooneosa sisepinna temperatuuri määramiseks, millest madalamal temperatuuril on antud siseõhu temperatuuri ja suhtelise niiskuse juures tõenäoline kriitilise suhtelise niiskuse ületus. Seda meetodit võib kasutada ka sisepindade teiste niiskustehniliste probleemide riski hindamiseks; b) veeauru difusioonist põhjustatud komponendisisese kondenseerumise riski hindamiseks. Kasutatav meetod ei võta arvesse tervet rida olulisi füüsikalisi tegureid ja protsesse, sealhulgas: — materjali niiskussisaldusest põhjustatud materjali omaduste varieeruvust; — kapillaarimavust ja vee (liquid moisture) liikumist materjalis; — õhu liikumist piirdetarindis läbi pilude või õhkvahede; — materjali hügroskoopsust. Seega on meetod rakendatav ainult seal, kus nende tegurite ja protsesside mõju võib lugeda ebaoluliseks. c) hinnangu andmiseks, kui palju aega kulub suure aurutakistusega kihtide vahel asuval mistahes allikast märgunud piirdetarindi väljakuivamiseks ja kui suur on risk, et kuivamisprotsessi käigus võiks kriitilise niiskuse ületus toimuda mõnes teises osas.

EVS-EN ISO 18286:2010

Kuumvaltsitud roostevaba lehtteras. Mõõtmete ja kuju tolerantsid
Hot-rolled stainless steel plates - Tolerances on dimensions and shape

See rahvusvaheline standard spetsifitseerib mõõtmete ja kuju tolerantsid reverseeritaval valtspingil kuumvaltsitud roostevabale lehtterasele (kvartplaat), millel on järgmised omadused: a) nimipaksus (t) 4 mm ≤ t ≤ 250 mm; b) nimilaius (w) w ≥ 600 mm. Laiemast lehest piki- või mõõtulõigatud alla 600 mm laiusega (w) lehe tolerantsides peaksid tootja ja ostja kokku leppima päringu ja tellimise ajal. See rahvusvaheline standard ei ole rakendatav ümara- ja erikujulistele lehtedele, valtsmustriga lehtedele, laiale lehtterasele ja ka pidevprotsessis rullidena valmistatavale plekile. Nendele toodetele kehtib standard ISO 9444.

EVS-EN ISO 20857:2013

Tervishoiutoodete steriliseerimine. Kuivkuumutamine. Nõuded meditsiiniseadmete steriliseerimisprotsessi väljatöötamisele, valideerimisele ja rutiinsele kontrollile
Sterilization of health care products - Dry heat - Requirements for the development, validation and routine control of a sterilization process for medical devices (ISO 20857:2010)

1.1 Hõlmamised 1.1.1 Selles rahvusvahelises standardis kirjeldatakse nõudeid meditsiiniseadmete kuivkuumutamisega steriliseerimise väljatöötamiseks, valideerimiseks ja rutiinseks kontrolliks. MÄRKUS Kuigi standardi käsitlusala piirdub meditsiiniseadmetega, kirjeldab see nõudeid ja annab juhiseid, mida võib rakendada ka teistele tervishoiutoodetele. 1.1.2 Kuigi selles rahvusvahelises standardis käsitletakse peamiselt kuivkuumutamisega steriliseerimist, kirjeldab see ka nõudeid ja annab juhiseid kuivkuumutamist kasutava depürogenatsiooni protsessi kohta. MÄRKUS Kuivkuumutamist kasutatakse sageli seadmete, nende osade ja tervishoiutoodete depürogenatsiooniks ja selle tõhusus on tõestatud. Steriliseerimise ja/või depürogenatsiooni protsessi parameetriteks on aeg ja temperatuur. Kuna tingimused depürogenatsiooniks on tavaliselt karmimad kui need, mida nõutakse steriliseerimiseks, annab protsess, mis on valideeritud toote depürogenatsiooniks, tulemuseks toote steriilsuse ilma täiendava valideerimiseta. 1.2 Erandid 1.2.1 Selles rahvusvahelises standardis ei kirjeldata nõudeid sellise protsessi väljatöötamiseks, valideerimiseks ja rutiinseks kontrolliks, mis on mõeldud spongiformset entsefalopaatiat põhjustavate ainete, nagu skreipi, veiste spongiformse entsefalopaatia ja Creutzfeldt-Jakobi haiguse, inaktiveerimisprotsessile. MÄRKUS Vaata ka standardeid ISO 22442-1, ISO 22442-2 ja ISO 22442-3. 1.2.2 Seda rahvusvahelist standardit ei kohaldata protsessidele, mis kasutavad kuumutamismeetodina infrapuna- või mikrolaineid. 1.2.3 Selles rahvusvahelises standardis ei kirjeldata nõudeid meditsiiniseadme „steriilsena“ tähistamiseks. MÄRKUS Tähelepanu juhitakse riiklikele või piirkondlikele nõuetele meditsiiniseadmete tähistamiseks „steriilsena“. Vaata nt standardit EN 556-1 või ANSI/AAMI ST67. 1.2.4 Selles rahvusvahelises standardis ei kirjeldata kvaliteedijuhtimissüsteemi meditsiiniseadmete tootmise kõikide etappide kontrollimiseks. MÄRKUS Standardis ei nõuta tootmise ajal täielikku kvaliteedijuhtimissüsteemi, kuid steriliseerimisprotsessi juhtimiseks minimaalselt vajalikele kvaliteedijuhtimissüsteemi elementidele viidatakse normatiivselt selleks ettenähtud kohtades tekstis (vt eriti peatükki 4). Tähelepanu juhitakse standarditele kvaliteedijuhtimissüsteemide kohta (vt standardit ISO 13485), mis kontrollivad meditsiiniseadmete tootmise kõiki etappe, sealhulgas steriliseerimisprotsessi. Piirkondlikes ja riiklikes määrustes meditsiiniseadmete sätete kohta võidakse nõuda kogu kvaliteedijuhtimissüsteemi rakendamist ja et süsteemi hindamise teeks kolmas isik. 1.2.5 Selles rahvusvahelises standardis ei kirjeldata nõudeid tööohutusele, mis on seotud kuivkuumutamisega steriliseerimise ja/või depürogenatsiooni rajatiste projekteerimise ja käitamisega. MÄRKUS Tööohutuse nõudeid kirjeldatakse standardis IEC 61010-2-040. Lisaks esinevad mõnes riigis ohutuseeskirjad.

EVS-HD 60364-7-753:2015

Madalpingelised elektripaigaldised. Osa 7-753: Nõuded eripaigaldistele ja -paikadele. Küttekaablid ja sisseehitatud küttesüsteemid

Low-voltage electrical installations - Part 7-753: Requirements for special installations or locations - Heating cables and embedded heating systems

IEC 60364 see osa kehtib elektriliste sisseehitatud pindküttesüsteemide kohta. See kehtib ka elektriliste jääsulatus- ja külmumisvältimissüsteemide või muude taoliste rakenduste kohta. Arvestatakse nii sise- kui ka välispaigaldisi. Tööstus- ja kommertsrakendustes kasutatavaid küttesüsteeme, mille kohta kehtivad standardite IEC 60519, IEC 62395 ja IEC 60079 vastavad osad, ei arvestata. MÄRKUS Selles standardis arvestatavate küttesüsteemide hulka kuuluvad näiteks seinte, lagede, põrandate, katuste, veeäraviigutorude, räästarennide, torude, treppide, tänavate, teede ja mittekülmuvate kompaktsete alade (nt jalgpalli- ja tenniseväljakute) küttesüsteemid.

EVS-ISO 4037-1:2015

Röntgeni ja gamma referentskiirgus dosimeetrite ja doosikiiruse mõõteseadmete kalibreerimiseks ja nende koste määramiseks sõltuvana footoni energiast. Osa 1: Kiirguse karakteristikud ja saamismeetodid

X and gamma reference radiation for calibrating dosemeters and doserate meters and for determining their response as a function of photon energy - Part 1: Radiation characteristics and production methods (ISO 4037-1:1996)

See ISO 4037 osa kirjeldab röntgeni ja gamma referentskiirguse karakteristikuid ja saamismeetodeid kaitsetaseme dosimeetrite ja doosikiiruse mõõteseadmete kalibreerimiseks õhukerma kiiruse väärtuse vahemikus 10 µGy·h-1 kuni 10 Gy·h-1 ning nende koste määramiseks footonenergia funktsioonina. Meetodeid referentskiirguste rühma saamiseks konkreetse footonenergia vahemiku jaoks kirjeldatakse neljas peatükis, milles on määratud nende kiirguste karakteristikud. Neli referentskiirguste rühma on: a) energiavahemikus alates ligikaudu 7 keV kuni 250 keV, pidev filtreeritud röntgenkiirgus ja ameriitsium-241 gammakiirgus; b) energiavahemikus 8 keV kuni 100 keV, fluorestsentskiirgus; c) energiavahemikus 600 keV kuni 1,3 MeV, radionukliidide kiiratud gammakiirgus; d) energiavahemikus 4 MeV kuni 9 MeV, reaktorite ja kiirendite toodetud gammakiirgus. Need referentskiirgused tuleb valida tabelist 1.

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 13941:2009+A1:2010	Eelisoleeritud seotud kaugküttetorustike projekteerimine ja paigaldamine KONSOLIDEERITUD TEKST	Eelisoleeritud torudest kaugküttesüsteemide projekteerimine ja paigaldamine KONSOLIDEERITUD TEKST
EVS-EN 50561-1:2013	Madalpingepaigaldiste jõuahelate lülitusaparaadid. Raadiohäirete tunnussuurused. Piirväärtused ja mõõtemeetodid. Osa 1: Sisepaigaldiste aparaadid	Elektriliinsideseadmed madalpingepaigaldistes. Raadiohäiringute tunnussuurused. Piirväärtused ja mõõtemeetodid. Osa 1. Majasisene aparatuur
EVS-EN 612:2005	Plekist valmistatud jäikussoonega tugevdatud räästarennid ja valtsühendusega vihmaveetorud	Plekist jäikusservaga räästarennid ja pikiliitega vihmaveetorud
EVS-EN 61326-1:2013	Mõõte-, juhtimis- ja laboratooriumi-elektriseadmed. Elektromagnetilise ühilduvuse nõuded. Osa 1: Üldnõuded	Elektrilised mõõte-, juhtimis- ja laboratooriumiseadmed. Elektromagnetilise ühilduvuse nõuded. Osa 1: Üldnõuded

UUED EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
CEN/TS 1992-4-4:2009	Design of fastenings for use in concrete - Part 4-4: Post-installed fasteners - Mechanical systems	Kinnituste projekteerimine betooni. Osa 4-4: Järelpaigaldatavad kinnituselemendid. Mehaanilised süsteemid
EVS-EN 12268:2014	Food processing machinery - Band saw machines - Safety and hygiene requirements	Toidutöötlemismasinad. Lintsaagimismasinad. Ohutus- ja hügieeninõuded
EVS-EN 12463:2014	Food processing machinery - Filling machines and auxiliary machines - Safety and hygiene requirements	Toidutöötlemismasinad. Villimisseadmed ja abiseadmed. Ohutus- ja hügieeninõuded
EVS-EN 13001-3-3:2014	Cranes - General design - Part 3-3: Limit states and proof of competence of wheel/rail contacts	Kraanad. Üldine ehitus. Osa 3-3: Ratta/rööpa kokkupuute piirseisundid ja kõlblikkuse tõendamine
EVS-EN 13871:2014	Food processing machinery - Cubes cutting machinery - Safety and hygiene requirements	Toidutöötlemismasinad. Kuubikute lõikamise masinad. Ohutus- ja hügieeninõuded
EVS-EN 14315-2:2013	Thermal insulating products for buildings - In-situ formed sprayed rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products - Part 2: Specification for the installed insulation products	Ehituslikud soojusisolatsioonitooted. Pihustatud jäigad vahtpolüuretaan-(PUR) ja vahtpolüisotsüanuraattooted (PIR). Osa 2: Paigaldatud vahttoodete spetsifikatsioon
EVS-EN 15026:2007	Hygrothermal performance of building components and building elements - Assessment of moisture transfer by numerical simulation	Hoone elementide ja piirdetarindite soojus- ja niiskustehniline toimivus. Niiskuslevi hindamine numbrilise modelleerimisega
EVS-EN 15165:2014	Food processing machinery - Forming machines - Safety and hygiene requirements	Toidutöötlemismasinad. Vormimisseadmed. Ohutus- ja hügieeninõuded
EVS-EN 15180:2014	Food processing machinery - Food depositors - Safety and hygiene requirements	Toidutöötlemismasinad. Toidu dosaatorid. Ohutus- ja hügieeninõuded

EVS-EN 453:2014	Food processing machinery - Dough mixers - Safety and hygiene requirements	Toidutöötlemismasinad. Taignasegajad. Ohutus- ja hügieeninõuded
EVS-EN ISO 11140-1:2014	Sterilization of health care products - Chemical indicators - Part 1: General requirements (ISO 11140-1:2014)	Tervishoiutoodete steriliseerimine. Keemilised näitajad. Osa 1: Üldised nõuded
EVS-EN ISO 13788:2012	Hygrothermal performance of building components and building elements - Internal surface temperature to avoid critical surface humidity and interstitial condensation - Calculation methods (ISO 13788:2012)	Hoone elementide ja piirdetarindite soojus- ja niiskustehniline toimivus. Kriitilise pinnaniiskuse ja elemendisisese kondenseerumise vältimine. Arvutusmeetodid
EVS-EN ISO 18286:2010	Hot-rolled stainless steel plates - Tolerances on dimensions and shape	Kuumvaltsitud roostevaba lehtteras. Mõõtmete ja kuju tolerantsid
EVS-EN ISO 5359:2014	Anaesthetic and respiratory equipment - Low-pressure hose assemblies for use with medical gases (ISO 5359:2014)	Anesteesia- ja hingamisaparatuur. Meditsiiniliste gaaside jaoks kasutatavad madalrõhu voolikukomplektid

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 EÜ direktiivide kontekstis Euroopa Komisjoni mandaadi 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.

Määrus 305/2011 (endine 89/106/EMÜ)
Ehitustooted
(EL Teataja 2015/C 054/02)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Viide asendatavale Euroopa standardile	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Kooseksisteerimis-perioodi lõpptähtaeg
EVS-EN 12326-1:2014 Kildast ja teistest looduskividest tooted katuste ülakattega katmiseks ja välisseinte viimistlemiseks. Osa 1: Kildast toodete spetsifikatsioon	EN 12326-1:2004	13.02.2015	13.02.2016
EVS-EN 13950:2014 Kipsplaadist soojus- ja heliisolatsiooniomadustega liitpaneelid. Määratlused, nõuded ja katsemeetodid	EN 13950:2005	13.02.2015	13.02.2016
EVS-EN 14190:2014 Lisatöötlusel saadavad kipsplaadist tooted. Määratlused, nõuded ja katsemeetodid	EN 14190:2005	13.02.2015	13.02.2016