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

EVS-EN ISO 14906:2023

Electronic fee collection - Application interface definition for dedicated short-range communication (ISO 14906:2022)

This document specifies the application interface in the context of electronic fee collection (EFC) systems using dedicated short-range communication (DSRC). The EFC application interface is the EFC application process interface to the DSRC application layer, as can be seen in Figure 1. This document comprises specifications of: — EFC attributes (i.e. EFC application information) that can also be used for other applications and/or interfaces; — the addressing procedures of EFC attributes and (hardware) components (e.g. integrated circuit(s) card); — EFC application functions, i.e. further qualification of actions by definitions of the concerned services, assignment of associated ActionType values, and content and meaning of action parameters; — the EFC transaction model, which defines the common elements and steps of any EFC transaction; — the behaviour of the interface so as to ensure interoperability on an EFC-DSRC application interface level. This is an interface standard, adhering to the open systems interconnection (OSI) philosophy (see ISO/IEC 7498-1), and it is as such not primarily concerned with the implementation choices to be realized at either side of the interface. This document provides security-specific functionality as place holders (data and functions) to enable the implementation of secure EFC transactions. Yet the specification of the security policy (including specific security algorithms and key management) remains at the discretion and under the control of the EFC operator, and hence is outside the scope of this document.

Keel: en
Alusdokumendid: ISO 14906:2022; EN ISO 14906:2023
Asendab dokumenti: EVS-EN ISO 14906:2018
Asendab dokumenti: EVS-EN ISO 14906:2018/A1:2020

EVS-ISO 10017:2023

Kvaliteedijuhtimine. Juhised standardi ISO 9001:2015 statistiliste meetodite kasutamiseks
Quality management - Guidance on statistical techniques for ISO 9001:2015 (ISO 10017:2021, identical)

See dokument annab juhised sobivate statistiliste meetodite valikuks, mis võivad olla kasulikud organisatsioonidele, sõltumata suurusest või keerukusest, standardile ISO 9001:2015 vastavate kvaliteedijuhtimissüsteemide arendamisel, rakendamisel, toimivana hoidmisel ja parendamisel. See dokument ei anna juhiseid statistiliste meetodite kasutamiseks.

Keel: en, et
Alusdokumendid: ISO 10017:2021
Asendab dokumenti: ISO/TR 10017:2003
Asendab dokumenti: ISO/TR 10017:2003 et

EVS-ISO 21504:2023

Projekti-, programmi- ja portfellijuhtimine. Portfellijuhtimise juhised
Project, programme and portfolio management — Guidance on portfolio management (ISO 21504:2022, identical)

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

Keel: en, et
Alusdokumendid: ISO 21504:2022

11 TERVISEHOOLDUS

EVS-EN IEC 60806:2023

Determination of the maximum symmetrical radiation field of X-ray tube assemblies and X-ray source assemblies for medical diagnosis

This International Standard is applicable to X-RAY SOURCE ASSEMBLIES and X-RAY TUBE ASSEMBLIES, for use in MEDICAL DIAGNOSTIC RADIOLOGY for techniques in which the X-RAY PATTERN will be received simultaneously in all points of the IMAGE RECEPTION AREA. This standard specifies a method for the determination of the greatest geometrically symmetrical RADIATION FIELD at a specified distance from the FOCAL SPOT for which the percentage AIR KERMA RATE along the major axes of the RADIATION FIELD does not fall below a permitted value. NOTE 1 AIR KERMA or AIR KERMA RATE are the only practical verifiable physical quantities for X-RAY SOURCES. X-RAY SOURCES must be tested independently from MEDICAL ELECTRICAL SYSTEMS. Conversion to the characteristics of the X-RAY IMAGE RECEPTOR used in a MEDICAL ELECTRICAL SYSTEM may be done in addition. In case multiple FOCAL SPOTS are not super-imposed, each focal spot has its own REFERENCE AXIS. Then the maximum RADIATION FIELD may be given for each FOCAL SPOT separately NOTE 2 The maximum symmetrical RADIATION FIELD may change from its initial value as the X-RAY TUBE ages through use. NOTE 3 If,

for certain MEDICAL ELECTRICAL SYSTEMs the scope of IEC 60806 does not fit, then the special RADIATION FIELD requirements could be incorporated in the MEDICAL ELECTRICAL SYSTEM particular standard. However, a statement on the RADIATION FIELD while referring IEC 60806 is then no longer possible.

Keel: en
Alusdokumendid: IEC 60806:2022; EN IEC 60806:2023
Asendab dokumenti: EVS-EN 60806:2004

EVS-EN ISO 81060-3:2023

Non-invasive sphygmomanometers - Part 3: Clinical investigation of continuous automated measurement type (ISO 81060-3:2022)

This document specifies the requirements and methods for the clinical investigation of continuous automated non-invasive sphygmomanometers used for the measurement of the blood pressure of a patient. This document does not cover usability aspects such as the form and manner of the data display or output. This document does not specify a numerical threshold on the minimum output period. A continuous automated non-invasive sphygmomanometer providing blood pressure parameters (e.g., systolic blood pressure, diastolic blood pressure or mean arterial pressure) with an output period considerably larger than 30 s is not typically considered a continuous automated non-invasive sphygmomanometer. This document covers both trending continuous automated non-invasive sphygmomanometers and absolute accuracy continuous automated non-invasive sphygmomanometers and focuses solely on requirements for the clinical investigation. Representation of output is not covered by this document. NOTE 1 IEC 62366-1 provides requirements on the application of usability engineering to medical devices. The usability engineering process can be used to clarify for the intended user whether the displayed data concerns absolute accurate values or trending values. The requirements and methods for the clinical investigation of continuous automated non-invasive sphygmomanometers provided in this document are applicable to any subject population, and any condition of use of the continuous automated non-invasive sphygmomanometers. NOTE 2 Subject populations can, for example, be represented by age or weight ranges. NOTE 3 This document does not provide a method to assess the effect of artefacts during the clinical investigation (e.g. motion artefacts induced by the movement of the subject or the movement of the platform supporting the subject). This document specifies additional disclosure requirements for the accompanying documents of continuous automated non-invasive sphygmomanometers that have undergone clinical investigation according to this document. This document is not applicable to: — the clinical investigation of a non-automated sphygmomanometer as given in ISO 81060-1, — the clinical investigation of an intermittent automated non-invasive sphygmomanometer as given in ISO 81060-2, — an automated non-invasive sphygmomanometer as given in IEC 80601-2-30, or — invasive blood pressure monitoring equipment as given in IEC 60601-2-34.

Keel: en
Alusdokumendid: ISO 81060-3:2022; EN ISO 81060-3:2023

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN ISO 14020:2023

Toodete keskkonnaväited ja -programmid. Põhimõtted ja üldnõuded
Environmental statements and programmes for products - Principles and general requirements (ISO 14020:2022)

This document establishes principles and specifies general requirements that are applicable to all types of product-related environmental statements and environmental statement programmes. Environmental statements result from environmental statement programmes and include self-declared environmental claims, ecolabels, environmental product declarations (EPDs) and footprint communications. This document is intended to be used in conjunction with other standards in the ISO 14020 family. NOTE Those other standards contain additional terms and definitions, principles and requirements that are relevant to their specific scopes.

Keel: en
Alusdokumendid: ISO 14020:2022; EN ISO 14020:2023
Asendab dokumenti: EVS-EN ISO 14020:2002

ISO/TR 14121-2:2012 et

Masinaohutus. Riskihindamine. Osa 2: Praktilised juhised ja meetodite näited
Safety of machinery -- Risk assessment -- Part 2: Practical guidance and examples of methods (ISO/TR 14121-2:2012)

Selles tehnilises aruandes antakse praktilisi juhiseid masinate riskihindamise läbiviimiseks ISO 12100 kohaselt ning kirjeldatakse riskihindamise protsessi igal etapil rakendatavaid eri meetodeid ja vahendeid. Selles tuuakse näiteid eri meetmete kohta, mida saab kasutada riski vähendamiseks, ning see on mõeldud kasutamiseks mitmesuguste masinate riskihindamiseks, arvestades nende keerukust ja võimalikku kahju. Selle sihtrühm on masinate projekteerimise, paigaldamise või modifitseerimisega seotud isikud (näiteks projekteerijad, tehnikud või ohutusspetsialistid). Lisas A on esitatud konkreetne näide riskihindamise ja riskide vähendamise protsessi kohta.

Keel: et
Alusdokumendid: ISO/TR 14121-2:2012

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN IEC 60216-6:2023

Electrical insulating materials - Thermal endurance properties - Part 6: Determination of thermal endurance indices (TI and RTI) of an insulating material using the fixed time frame method

This part of IEC 60216 specifies the experimental and calculation procedures for deriving the thermal endurance characteristics, temperature index (TI) and relative temperature index (RTI) of an electrical insulating material (EIM) using the "fixed time frame method (FTFM)". In this protocol, the ageing takes place for a small number of fixed times, using the appropriate number of ageing temperatures throughout each time, the properties of the specimens being measured at the end of the relevant time interval. This differs from the procedure of IEC 60216-1, where ageing is conducted at a small number of fixed temperatures, property measurement taking place after ageing times dependent on the progress of ageing. The diagnostic tests employed in the fixed time frame method are restricted to destructive tests. The method has not yet been applied to non-destructive or proof test procedures. Both the TI and the RTI determined according to the FTFM protocol are derived from experimental data obtained in accordance with the instructions of IEC 60216-1 and IEC 60216-2 as modified in this part of IEC 60216. The calculation procedures and statistical tests are modified from those of IEC 60216-3 and IEC 60216-5.

Keel: en
Alusdokumendid: IEC 60216-6:2022; EN IEC 60216-6:2023
Asendab dokumenti: EVS-EN 60216-6:2006

EVS-EN IEC/IEEE 63195-1:2023

Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz) - Part 1: Measurement procedure

This document specifies protocols and test procedures for repeatable and reproducible measurements of power density (PD) that provide conservative estimates of exposure incident to a human head or body due to radio-frequency (RF) electromagnetic field (EMF) transmitting communication devices, with a specified measurement uncertainty. These protocols and procedures apply for exposure evaluations of a significant majority of the population during the use of hand-held and body-worn RF transmitting communication devices. The methods apply for devices that can feature single or multiple transmitters or antennas, and can be operated with their radiating structure(s) at distances up to 200 mm from a human head or body. The methods of this document can be used to determine conformity with applicable maximum PD requirements of different types of RF transmitting communication devices being used in close proximity to the head and body, including if combined with other RF transmitting or non-transmitting devices or accessories (e.g. belt-clip), or embedded in garments. The overall applicable frequency range of these protocols and procedures is from 6 GHz to 300 GHz. The RF transmitting communication device categories covered in this document include but are not limited to mobile telephones, radio transmitters in personal computers, desktop and laptop devices, and multi-band and multi-antenna devices.

Keel: en
Alusdokumendid: IEC/IEEE 63195-1:2022; EN IEC/IEEE 63195-1:2023

EVS-EN IEC/IEEE 63195-2:2023

Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz) - Part 2: Computational procedure

This document specifies computational procedures for conservative and reproducible computations of power density (PD) incident to a human head or body due to radio-frequency (RF) electromagnetic field (EMF) transmitting devices. The computational procedures described are finite-difference time-domain (FDTD) and finite element methods (FEM), which are computational techniques that can be used to determine electromagnetic quantities by solving Maxwell's equations within a specified computational uncertainty. The procedures specified here apply to exposure evaluations for a significant majority of the population during the use of hand-held and body-worn RF transmitting devices. The methods apply to devices that can feature single or multiple transmitters or antennas, and that can be operated with their radiating part or parts at distances up to 200 mm from a human head or body. This document can be employed to determine conformity with any applicable maximum PD requirements of different types of RF transmitting devices used in close proximity to the head and body, including those combined with other RF transmitting or non-transmitting devices or accessories (e.g. belt-clip), or embedded in garments. The overall applicable frequency range of these protocols and procedures is from 6 GHz to 300 GHz. The RF transmitting device categories covered in this document include but are not limited to mobile telephones, radio transmitters in personal computers, desktop and laptop devices, and multi-band and multi-antenna devices. The procedures of this document do not apply to PD evaluation of electromagnetic fields emitted or altered by devices or objects intended to be implanted in the body. NOTE For the evaluation of the combined exposure from simultaneous transmitters operating on frequencies below 6 GHz, the relevant standards for SAR computation are IEC/IEEE 62704-1:2017 and IEC/IEEE 62704-4:2020.

Keel: en
Alusdokumendid: IEC/IEEE 63195-2:2022; EN IEC/IEEE 63195-2:2023

EVS-EN ISO 25178-700:2023

Geometrical product specifications (GPS) - Surface texture: Areal - Part 700: Calibration, adjustment and verification of areal topography measuring instruments (ISO 25178-700:2022)

This document specifies generic procedures for the calibration, adjustment and verification of metrological characteristics that areal topography measuring instruments have in common, as stated in ISO 25178-600. Because surface profiles can be extracted

from surface topography images, most of the methods described in this document can be adapted to profiling instruments. Instrument-specific issues are not covered by this document. For example, for instruments based on mechanical probing where the probe follows an additional arcuate motion, additional measures are specified in ISO 25178-701. This document does not include procedures for area-integrating methods, although those are also stated in ISO 25178-6. For example, light scattering belongs to a class of techniques known as area-integrating methods for measuring surface topography.

Keel: en
Alusdokumendid: ISO 25178-700:2022; EN ISO 25178-700:2023

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN ISO 14581:2023

Fasteners - Hexalobular socket countersunk flat head screws (common head style) with reduced loadability (ISO 14581:2022)

This document specifies the characteristics of hexalobular socket countersunk flat head screws with reduced loadability due to head design, in steel and stainless steel, with metric coarse pitch threads M2 to M10, and with product grade A. If in certain cases other specifications are requested, stainless steel grades can be selected from ISO 3506-1, and dimensional options from ISO 888 or ISO 4753. NOTE 1 The reduced loadability (related to the countersunk head dimensions in combination with penetration of the hexalobular socket specified in this document) implies a limitation of ultimate tensile load shown by a specific marking (property class preceded by a zero). The loadability in the head is assumed to be 80 % of that in the thread for all sizes and all property classes; see Table 3. NOTE 2 Hexalobular socket countersunk head screws (high head), with full loadability are specified in ISO 14582, but these products are not interchangeable, because of different head heights. NOTE 3 Particular attention is needed to ensure alignment of the countersunk head with the bearing surface of the countersink in the assembly.

Keel: en
Alusdokumendid: ISO 14581:2022; EN ISO 14581:2023
Asendab dokumenti: EVS-EN ISO 14581:2013

EVS-EN ISO 7380-1:2023

Fasteners - Button head screws with reduced loadability - Part 1: Hexagon socket button head screws (ISO 7380-1:2022)

This document specifies the characteristics of hexagon socket button head screws with reduced loadability due to head design, in steel and stainless steel, with metric coarse pitch threads M3 to M16, and with product grade A. If, in certain cases, other specifications are requested, stainless steel grades can be selected from ISO 3506-1, and the dimensional options from ISO 888 or ISO 4753. NOTE The reduced loadability (related to the head dimensions in combination with penetration of the hexagon socket specified in this document) implies a limitation of ultimate tensile load shown by a specific marking (property class preceded by a zero). The loadability in the head is assumed to be 80 % of that in the thread for all sizes and all property classes, see Table 4.

Keel: en
Alusdokumendid: ISO 7380-1:2022; EN ISO 7380-1:2023
Asendab dokumenti: EVS-EN ISO 7380-1:2011

EVS-EN ISO 7380-2:2023

Fasteners - Button head screws with reduced loadability - Part 2: Hexagon socket button head screws with collar (ISO 7380-2:2022)

This document specifies the characteristics of hexagon socket button head screws with collar, with reduced loadability due to head design, in steel, with metric coarse pitch threads M3 to M16, and with product grade A. If in certain cases other specifications are requested, dimensional options can be selected from ISO 888 or ISO 4753. NOTE The reduced loadability (related to the head dimensions in combination with penetration of the hexagon socket specified in this document) implies a limitation of ultimate tensile load shown by a specific marking (property class preceded by a zero). The loadability in the head is assumed to be 80 % of that in the thread for all sizes and all property classes, see Table 4.

Keel: en
Alusdokumendid: ISO 7380-2:2022; EN ISO 7380-2:2023
Asendab dokumenti: EVS-EN ISO 7380-2:2011

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 13480-3:2017+A2+A3+A1+A4+A5:2022

Metallist tööstustorustik. Osa 3: Kavandamine ja arvutamine
Metallic industrial piping - Part 3: Design and calculation

This Part of this European Standard specifies the design and calculation of industrial metallic piping systems, including supports, covered by EN 13480.

Keel: en
Alusdokumendid: EN 13480-3:2017; EN 13480-3:2017/A2:2020; EN 13480-3:2017/A3:2020; EN 13480-3:2017/A1:2021; EN 13480-3:2017/A4:2021; EN 13480-3:2017/A5:2022
Konsolideerib dokumenti: EVS-EN 13480-3:2017
Konsolideerib dokumenti: EVS-EN 13480-3:2017/A1:2021
Konsolideerib dokumenti: EVS-EN 13480-3:2017/A2:2020

Konsolideerib dokumenti: EVS-EN 13480-3:2017/A3:2020
Konsolideerib dokumenti: EVS-EN 13480-3:2017/A4:2021
Konsolideerib dokumenti: EVS-EN 13480-3:2017/A5:2022
Konsolideerib dokumenti: EVS-EN 13480-3:2017+A2+A3:2020
Konsolideerib dokumenti: EVS-EN 13480-3:2017+A2+A3+A1+A4:2021

EVS-EN ISO 13266:2023

Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics shafts or risers for inspection chambers and manholes - Determination of resistance against surface and traffic loading (ISO 13266:2022)

This document specifies a method of testing the resistance of the upper assembly of inspection chambers and manhole components against surface and traffic loading. It is not applicable to requirements for testing the cover and frame. Those requirements are specified in EN 124-1 or other standards, depending on the material. NOTE Upper assembly components normally include shafts or risers, cones, telescopic adapters and near surface components.

Keel: en
Alusdokumendid: ISO 13266:2022; EN ISO 13266:2023
Asendab dokumenti: EVS-EN 14802:2006

EVS-EN ISO 13267:2023

Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics inspection chamber and manhole bases - Test methods for buckling resistance (ISO 13267:2022)

This document specifies methods of test for the resistance of the base of thermoplastics inspection chambers and manholes to external soil and ground-water pressure after installation.

Keel: en
Alusdokumendid: ISO 13267:2022; EN ISO 13267:2023
Asendab dokumenti: EVS-EN 14830:2006

EVS-EN ISO 13268:2023

Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics shafts or risers for inspection chambers and manholes - Determination of ring stiffness (ISO 13268:2022)

This document specifies a test method for assessing the initial (short-term) tangential ring stiffness of riser shafts for thermoplastics inspection chambers or manholes.

Keel: en
Alusdokumendid: ISO 13268:2022; EN ISO 13268:2023
Asendab dokumenti: EVS-EN 14982:2006+A1:2010

29 ELEKTROTEHNIKA

EVS-EN IEC 60216-6:2023

Electrical insulating materials - Thermal endurance properties - Part 6: Determination of thermal endurance indices (TI and RTI) of an insulating material using the fixed time frame method

This part of IEC 60216 specifies the experimental and calculation procedures for deriving the thermal endurance characteristics, temperature index (TI) and relative temperature index (RTI) of an electrical insulating material (EIM) using the "fixed time frame method (FTFM)". In this protocol, the ageing takes place for a small number of fixed times, using the appropriate number of ageing temperatures throughout each time, the properties of the specimens being measured at the end of the relevant time interval. This differs from the procedure of IEC 60216-1, where ageing is conducted at a small number of fixed temperatures, property measurement taking place after ageing times dependent on the progress of ageing. The diagnostic tests employed in the fixed time frame method are restricted to destructive tests. The method has not yet been applied to non-destructive or proof test procedures. Both the TI and the RTI determined according to the FTFM protocol are derived from experimental data obtained in accordance with the instructions of IEC 60216-1 and IEC 60216-2 as modified in this part of IEC 60216. The calculation procedures and statistical tests are modified from those of IEC 60216-3 and IEC 60216-5.

Keel: en
Alusdokumendid: IEC 60216-6:2022; EN IEC 60216-6:2023
Asendab dokumenti: EVS-EN 60216-6:2006

EVS-EN IEC 60700-3:2023

Thyristor valves for high voltage direct current (HVDC) power transmission - Part 3: Essential ratings (limiting values) and characteristics

This part of IEC 60700 specifies the service conditions, the definitions of essential ratings and characteristics of thyristor valves utilized in line commutated converters with three-phase bridge connections to realize the conversion from AC to DC and vice versa for high voltage direct current (HVDC) power transmission applications. It is applicable for air insulated, liquid cooled and indoor thyristor valves.

Keel: en
Alusdokumendid: IEC 60700-3:2022; EN IEC 60700-3:2023

31 ELEKTROONIKA

EVS-EN IEC 60747-16-7:2023

Semiconductor devices - Part 16-7: Microwave integrated circuits - Attenuators

This part of IEC 60747 specifies the terminology, essential ratings and characteristics, and measuring methods of microwave integrated circuit attenuators.

Keel: en
Alusdokumendid: IEC 60747-16-7:2022; EN IEC 60747-16-7:2023

EVS-EN IEC 60747-16-8:2023

Semiconductor devices - Part 16-8: Microwave integrated circuits - Limiters

This part of IEC 60747 specifies the terminology, essential ratings and characteristics, and measuring methods of microwave integrated circuit limiters.

Keel: en
Alusdokumendid: IEC 60747-16-8:2022; EN IEC 60747-16-8:2023

33 SIDETEHNIKA

EVS-EN 301 908-1 V15.2.1:2023

IMT kärgsidesidevõrgud; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 1. Sissejuhatus ja üldised nõuded versioon 15
IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 1: Introduction and common requirements Release 15

The present document applies to user equipment, repeaters and base stations for IMT, falling within the scope of one of the other parts of ETSI EN 301 908, except for IMT-2000 FDMA/TDMA (DECT). The present document also covers the corresponding ancillary equipment. NOTE 1: ETSI EN 301 908-10 contains in particular requirements for radiated spurious emissions and control and monitoring functions applicable to IMT-2000 FDMA/TDMA (DECT) equipment. The present document includes technical requirements which are common to equipment falling within the scope of several of the other parts. It should be used in conjunction with at least another part of ETSI EN 301 908. NOTE 2: The other parts of ETSI EN 301 908, which are listed in the foreword of the present document, specify technical requirements in respect of a particular type of IMT equipment. NOTE 3: Recommendations ITU-R M.1457-15, M.2012-4 and M.2150.0 define the characteristics of the members of the IMT-2000 family and IMT-Advanced respectively by means of references to technical specifications developed by Standards Development organizations. The present document applies to equipment designed to meet any version of the terrestrial specifications referenced in Recommendations ITU-R M.1457-15 and M.2012-4. The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference. NOTE 4: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: ETSI EN 301 908-1 V15.2.1

EVS-EN 303 808 V1.1.1:2023

Environmental Engineering (EE); Applicability of EN 45552 to EN 45559 methods for assessment of material efficiency aspects of ICT network infrastructure goods in the context of circular economy

The present document defines an assessment of the direct applicability of the general material efficiency standards to ICT network infrastructure goods in the context of circular economy. The existing generic standards address durability; ability to remanufacture; repair, reuse, and upgrade; recyclability and recoverability; assessment of recycled content and reused components; critical raw material content and information provision. The present document highlights where further work on metrics/KPI and measurement methodologies may be needed for ICT network infrastructure goods beyond each of the general standards. Specific product standards will take precedence over the present document. The present document is a product family standard and will not define specific product requirements.

Keel: en
Alusdokumendid: ETSI EN 303 808 V1.1.1

35 INFOTEHNOLOOGIA

EVS-EN ISO 14906:2023

Electronic fee collection - Application interface definition for dedicated short-range communication (ISO 14906:2022)

This document specifies the application interface in the context of electronic fee collection (EFC) systems using dedicated short-range communication (DSRC). The EFC application interface is the EFC application process interface to the DSRC application layer, as can be seen in Figure 1. This document comprises specifications of: — EFC attributes (i.e. EFC application information) that can also be used for other applications and/or interfaces; — the addressing procedures of EFC attributes and (hardware) components (e.g. integrated circuit(s) card); — EFC application functions, i.e. further qualification of actions by definitions of the concerned services, assignment of associated ActionType values, and content and meaning of action parameters; — the EFC transaction model, which defines the common elements and steps of any EFC transaction; — the behaviour of the interface so as to ensure interoperability on an EFC-DSRC application interface level. This is an interface standard, adhering to the open systems interconnection (OSI) philosophy (see ISO/IEC 7498-1), and it is as such not primarily concerned with the implementation choices to be realized at either side of the interface. This document provides security-specific functionality as place holders (data and functions) to enable the implementation of secure EFC transactions. Yet the specification of the security policy (including specific security algorithms and key management) remains at the discretion and under the control of the EFC operator, and hence is outside the scope of this document.

Keel: en
Alusdokumendid: ISO 14906:2022; EN ISO 14906:2023
Asendab dokumenti: EVS-EN ISO 14906:2018
Asendab dokumenti: EVS-EN ISO 14906:2018/A1:2020

45 RAUDTEETEHNIKA

EVS-EN 13796-3:2017+A1:2023

Ohutusnõuded inimeste transportimiseks mõeldud köisteepaigaldistele. Kandurid. Osa 3: Väsimuskatsed
Safety requirements for cableway installations designed to carry persons - Carriers - Part 3: Fatigue testing

This European Standard specifies the safety requirements applicable to carriers for cableway installations for passenger transportation. This standard is applicable to the various types of installations and takes into account their environment. This standard sets out the requirements to be met for fatigue tests for carriers of unidirectional monocable aerial ropeways of capacity not greater than 16 persons according to EN 13796-1:2014, 6.3.3.1. This standard does not apply to cableway installations for the transportation of goods or to inclined lifts.

Keel: en
Alusdokumendid: EN 13796-3:2017+A1:2022
Asendab dokumenti: EVS-EN 13796-3:2017

EVS-EN 14067-5:2021/AC:2023

Raudteealased rakendused. Aerodünaamika. Osa 5: Nõuded aerodünaamikale tunnelites ning selle katsetamise protseduurid
Railway applications - Aerodynamics - Part 5: Requirements and assessment procedures for aerodynamics in tunnels

Standardi EN 14067-5:2021 parandus

Keel: en
Alusdokumendid: EN 14067-5:2021/AC:2023
Parandab dokumenti: EVS-EN 14067-5:2021

77 METALLURGIA

EVS-EN 10025-4:2019+A1:2023

Konstruktsiooniterasest kuumvaltsitud tooted. Osa 4: Termomehaaniliselt valtsitud keevitatavate peenterateraste tehnilised tarnetingimused
Hot rolled products of structural steels - Part 4: Technical delivery conditions for thermomechanical rolled weldable fine grain structural steels

See dokument spetsifitseerib keevitatavast peenteralisest kuumvaltsitud, termomehaaniliselt valtsitud konstruktsiooniterasest leht- ja pikkade toodete tehnilised tarneseisundid tabelites 1 kuni 3 (keemiline koostis) ja 4 kuni 6 (mehaanilised omadused) antud teraseklassidele ja kvaliteetidele, paksustel ≤ 150 mm. Selles dokumendis spetsifitseeritud terased on spetsiifiliselt ette nähtud kasutamiseks keevitatud konstruktsioonide eriti tugevalt koormatud osades, nagu sillad, lüüsiväravad, reservuaarid, veepaagid jne, keskkonnatemperatuuride ja madalate temperatuuride tingimustes.

Keel: en, et
Alusdokumendid: EN 10025-4:2019+A1:2022
Asendab dokumenti: EVS-EN 10025-4:2019

79 PUIDUTEHNOLOOGIA

EVS-EN 14734:2022/AC:2023

Durability of wood and wood-based products - Determination of treatability of timber species to be impregnated with wood preservatives - Laboratory method

This document specifies a laboratory method for the determination of the treatability of wood in order to determine the likely reaction of different wood species to impregnation with wood preservatives. It is also applicable to investigate variation between samples of the same species but of different origin.

Keel: en
Alusdokumendid: EN 14734:2022/AC:2023
Parandab dokumenti: EVS-EN 14734:2022

91 EHITUSMATERJALID JA EHITUS

EVS-EN ISO 13266:2023

Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics shafts or risers for inspection chambers and manholes - Determination of resistance against surface and traffic loading (ISO 13266:2022)

This document specifies a method of testing the resistance of the upper assembly of inspection chambers and manhole components against surface and traffic loading. It is not applicable to requirements for testing the cover and frame. Those requirements are specified in EN 124-1 or other standards, depending on the material. NOTE Upper assembly components normally include shafts or risers, cones, telescopic adapters and near surface components.

Keel: en
Alusdokumendid: ISO 13266:2022; EN ISO 13266:2023
Asendab dokumenti: EVS-EN 14802:2006

EVS-EN ISO 13267:2023

Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics inspection chamber and manhole bases - Test methods for buckling resistance (ISO 13267:2022)

This document specifies methods of test for the resistance of the base of thermoplastics inspection chambers and manholes to external soil and ground-water pressure after installation.

Keel: en
Alusdokumendid: ISO 13267:2022; EN ISO 13267:2023
Asendab dokumenti: EVS-EN 14830:2006

EVS-EN ISO 13268:2023

Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics shafts or risers for inspection chambers and manholes - Determination of ring stiffness (ISO 13268:2022)

This document specifies a test method for assessing the initial (short-term) tangential ring stiffness of riser shafts for thermoplastics inspection chambers or manholes.

Keel: en
Alusdokumendid: ISO 13268:2022; EN ISO 13268:2023
Asendab dokumenti: EVS-EN 14982:2006+A1:2010

93 RAJATISED

EVS-EN 14067-5:2021/AC:2023

Raudteealased rakendused. Aerodünaamika. Osa 5: Nõuded aerodünaamikale tunnelites ning selle katsetamise protseduurid
Railway applications - Aerodynamics - Part 5: Requirements and assessment procedures for aerodynamics in tunnels

Standardi EN 14067-5:2021 parandus

Keel: en
Alusdokumendid: EN 14067-5:2021/AC:2023
Parandab dokumenti: EVS-EN 14067-5:2021

EVS-EN ISO 13266:2023

Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics shafts or risers for inspection chambers and manholes - Determination of resistance against surface and traffic loading (ISO 13266:2022)

This document specifies a method of testing the resistance of the upper assembly of inspection chambers and manhole components against surface and traffic loading. It is not applicable to requirements for testing the cover and frame. Those requirements are specified in EN 124-1 or other standards, depending on the material. NOTE Upper assembly components normally include shafts or risers, cones, telescopic adapters and near surface components.

Keel: en
Alusdokumendid: ISO 13266:2022; EN ISO 13266:2023
Asendab dokumenti: EVS-EN 14802:2006

EVS-EN ISO 13267:2023

Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics inspection chamber and manhole bases - Test methods for buckling resistance (ISO 13267:2022)

This document specifies methods of test for the resistance of the base of thermoplastics inspection chambers and manholes to external soil and ground-water pressure after installation.

Keel: en
Alusdokumendid: ISO 13267:2022; EN ISO 13267:2023
Asendab dokumenti: EVS-EN 14830:2006

EVS-EN ISO 13268:2023

Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics shafts or risers for inspection chambers and manholes - Determination of ring stiffness (ISO 13268:2022)

This document specifies a test method for assessing the initial (short-term) tangential ring stiffness of riser shafts for thermoplastics inspection chambers or manholes.

Keel: en
Alusdokumendid: ISO 13268:2022; EN ISO 13268:2023
Asendab dokumenti: EVS-EN 14982:2006+A1:2010

EVS-EN ISO 22476-1:2023

Geotechnical investigation and testing - Field testing - Part 1: Electrical cone and piezocone penetration test (ISO 22476-1:2022)

This document establishes equipment, procedural and reporting requirements and recommendations on cone and piezocone penetration tests. NOTE This document fulfils the requirements for cone and piezocone penetration tests as part of geotechnical investigation and testing according to the EN 1997 series. This document specifies the following features: a) type of cone penetration test; b) cone penetrometer class according to Table 2; c) test categories according to Table 3; d) penetration length or penetration depth; e) elevation of the ground surface or the underwater ground surface at the location of the cone penetration test with reference to a datum; f) location of the cone penetration test relative to a reproducible fixed location reference point; g) pore pressure dissipation tests. This document covers onshore and nearshore cone penetration test (CPT). For requirements for offshore CPT, see ISO 19901-8.

Keel: en
Alusdokumendid: ISO 22476-1:2022; EN ISO 22476-1:2023
Asendab dokumenti: EVS-EN ISO 22476-1:2012
Asendab dokumenti: EVS-EN ISO 22476-1:2012/AC:2013

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 12230:2023

Surfaces for sports areas - Test method for the determination of tensile properties of synthetic sports surfaces

This document specifies three methods for the determination of the tensile properties of materials used as surfaces, elastic layers and shockpads for sports areas. Method 1 measures the tensile strength of homogenous test specimens that are less than 25 mm in thickness. Method 2 measures the transversal tensile strength of homogenous test specimens that are more than 25 mm in thickness. Method 3 measures the tensile strength of sports surfaces or shockpads that are non-homogenous and contain slots or grooves cut into their structure. This document is applicable both to prefabricated sheet materials and to materials formed by casting of liquid systems cured in-situ. If the nature of the sports surface is such that a properly representative test piece cannot be prepared in the manner described in this document, then determination of tensile properties should not be attempted for quality control purposes, or as a predictor of performance in use. With such materials, it can be more appropriate to determine their compressive properties or other dynamic characteristics for these purposes.

Keel: en
Alusdokumendid: EN 12230:2023
Asendab dokumenti: EVS-EN 12230:2003

EVS-EN 12616:2023

Surfaces for sports areas - Test methods for the determination of vertical water infiltration and horizontal water flow rates

This document has two parts. Part 1 specifies four methods for the determination of the vertical water infiltration rate of different types of sports surfacing. Method A is suitable for measuring the vertical water infiltration rate of synthetic, textile and synthetic turf sports surfaces in the laboratory. Method B is suitable for on-site measurements of the Vertical Water Infiltration Rate of synthetic, textile, synthetic turf and bound mineral sports surfaces. Method C is suitable for on-site measurements of the vertical water infiltration rate of natural turf sports surfaces. Method D is suitable for measuring the for on-site measurements of the vertical water infiltration rate of unbound mineral sports surfaces. NOTE For filled synthetic turf and unbound mineral surfaces, laboratory tests are considered to give a more precise indication of how a surface will perform. Part 2 specifies a method for determining the horizontal water flow rate of synthetic, textile and synthetic turf surfaces in the laboratory.

Keel: en
Alusdokumendid: EN 12616:2023
Asendab dokumenti: EVS-EN 12616:2013

99 Muud

EVS-EN ISO 25901-2:2023

Welding and allied processes - Vocabulary - Part 2: Health and safety (ISO 25901-2:2022)

This document contains terms and definitions applicable to health and safety in welding and allied processes. It is intended to be referenced in other documents dealing with this subject. In the main body of this document, terms are arranged in systematic order. Indexes are included at the end of this document in which all terms are listed alphabetically in English, French and German, respectively, with reference to the appropriate term numbers and translations of the terms in the other two languages. NOTE: In addition to text written in the official ISO languages (English and French), this document gives text in German. This text is published under the responsibility of the member body for Germany (DIN) and is given for information only. Only the text given in the official languages can be considered as ISO text.

Keel: en
Alusdokumendid: ISO 25901-2:2022; EN ISO 25901-2:2023

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS-EN ISO 14906:2018
Electronic fee collection - Application interface definition for dedicated short-range communication (ISO 14906:2018)

Keel: en
Alusdokumendid: ISO 14906:2018; EN ISO 14906:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 14906:2023
Muudetud järgmise dokumendiga: EVS-EN ISO 14906:2018/A1:2020
Standardi staatus: Kehtetu

EVS-EN ISO 14906:2018/A1:2020
Electronic fee collection - Application interface definition for dedicated short-range communication - Amendment 1 (ISO 14906:2018/Amd 1:2020)

Keel: en
Alusdokumendid: ISO 14906:2018/Amd 1:2020; EN ISO 14906:2018/A1:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 14906:2023
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN 60806:2004
Determination of the maximum symmetrical radiation field from a rotating anode X-ray tube for medical diagnosis

Keel: en
Alusdokumendid: IEC 60806:1984; EN 60806:2004
Asendatud järgmise dokumendiga: EVS-EN IEC 60806:2023
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN ISO 14020:2002
Keskkonnamärgised ja –teatised. Üldpõhimõtted
Environmental labels and declarations - General principles

Keel: en
Alusdokumendid: ISO 14020:2000; EN ISO 14020:2001
Asendatud järgmise dokumendiga: EVS-EN ISO 14020:2023
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 60216-6:2006
Electrical insulating materials - Thermal endurance properties - Part 6: Determination of thermal endurance indices (TI and RTE) of an insulating material using the fixed time frame method

Keel: en
Alusdokumendid: IEC 60216-6:2006; EN 60216-6:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 60216-6:2023
Standardi staatus: Kehtetu

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN ISO 14581:2013
Fasteners - Hexalobular socket countersunk flat head screws (ISO 14581:2013)

Keel: en
Alusdokumendid: ISO 14581:2013; EN ISO 14581:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 14581:2023
Standardi staatus: Kehtetu

EVS-EN ISO 7380-1:2011
Button head screws - Part 1: Button head with hexagon socket (ISO 7380-1:2011)

Keel: en
Alusdokumendid: ISO 7380-1:2011; EN ISO 7380-1:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 7380-1:2023
Standardi staatus: Kehtetu

EVS-EN ISO 7380-2:2011
Button head screws - Part 2: Hexagon socket button head screws with collar (ISO 7380-2:2011)

Keel: en
Alusdokumendid: ISO 7380-2:2011; EN ISO 7380-2:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 7380-2:2023
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 60216-6:2006
Electrical insulating materials - Thermal endurance properties - Part 6: Determination of thermal endurance indices (TI and RTE) of an insulating material using the fixed time frame method

Keel: en
Alusdokumendid: IEC 60216-6:2006; EN 60216-6:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 60216-6:2023
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS-EN ISO 14906:2018
Electronic fee collection - Application interface definition for dedicated short-range communication (ISO 14906:2018)

Keel: en
Alusdokumendid: ISO 14906:2018; EN ISO 14906:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 14906:2023
Muudetud järgmise dokumendiga: EVS-EN ISO 14906:2018/A1:2020
Standardi staatus: Kehtetu

EVS-EN ISO 14906:2018/A1:2020
Electronic fee collection - Application interface definition for dedicated short-range communication - Amendment 1 (ISO 14906:2018/Amd 1:2020)

Keel: en
Alusdokumendid: ISO 14906:2018/Amd 1:2020; EN ISO 14906:2018/A1:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 14906:2023
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 13796-3:2017
Ohutusnõuded inimeste transportimiseks mõeldud köisteepaigaldistele. Kandurid. Osa 3: Väsimuskatsed
Safety requirements for cableway installations designed to carry persons - Carriers - Part 3: Fatigue testing

Keel: en
Alusdokumendid: EN 13796-3:2017
Asendatud järgmise dokumendiga: EVS-EN 13796-3:2017+A1:2023
Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

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

Keel: en
Alusdokumendid: ISO 11746:2012; EN ISO 11746:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 11746:2022

Asendatud järgmise dokumendiga: EVS-EN ISO 11746:2022
Standardi staatus: Kehtetu

EVS-EN ISO 11746:2012/A1:2017

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

Keel: en
Alusdokumendid: ISO 11746:2012/Amd 1:2017; EN ISO 11746:2012/A1:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 11746:2022
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 10025-4:2019

Konstruktsiooniterasest kuumvaltsitud tooted. Osa 4: Termomehaaniliselt valtsitud keevitatavate peenterateraste tehnilised tarnetingimused
Hot rolled products of structural steels - Part 4: Technical delivery conditions for thermomechanical rolled weldable fine grain structural steels

Keel: en, et
Alusdokumendid: EN 10025-4:2019
Asendatud järgmise dokumendiga: EVS-EN 10025-4:2019+A1:2023
Standardi staatus: Kehtetu

93 RAJATISED

EVS-EN 14802:2006

Plastics piping systems - Thermoplastics shafts or risers for inspection chambers and manholes - Determination of resistance against surface and traffic loading

Keel: en
Alusdokumendid: EN 14802:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 13266:2023
Standardi staatus: Kehtetu

EVS-EN 14830:2006

Thermoplastics inspection chamber and manhole bases - Test methods for buckling resistance

Keel: en
Alusdokumendid: EN 14830:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 13267:2023
Standardi staatus: Kehtetu

EVS-EN 14982:2006+A1:2010

Plastics piping and ducting systems - Thermoplastics shafts or risers for inspection chambers and manholes - Determination of ring stiffness

Keel: en
Alusdokumendid: EN 14982:2006+A1:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 13268:2023
Standardi staatus: Kehtetu

EVS-EN ISO 22476-1:2012

Geotechnical investigation and testing - Field testing - Part 1: Electrical cone and piezocone penetration test (ISO 22476-1:2012)

Keel: en
Alusdokumendid: ISO 22476-1:2012; EN ISO 22476-1:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 22476-1:2023
Parandatud järgmise dokumendiga: EVS-EN ISO 22476-1:2012/AC:2013
Standardi staatus: Kehtetu

EVS-EN ISO 22476-1:2012/AC:2013

Geotechnical investigation and testing - Field testing - Part 1: Electrical cone and piezocone penetration test - Technical Corrigendum 1 (ISO 22476-1:2012/Cor 1:2013)

Keel: en
Alusdokumendid: ISO 22476-1:2012/Cor 1:2013; EN ISO 22476-1:2012/AC:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 22476-1:2023
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 12230:2003

Surfaces for sports areas - Determination of tensile properties of synthetic sports surfaces

Keel: en
Alusdokumendid: EN 12230:2003
Asendatud järgmise dokumendiga: EVS-EN 12230:2023
Standardi staatus: Kehtetu

EVS-EN 12616:2013

Surfaces for sports areas - Determination of water infiltration rate

Keel: en
Alusdokumendid: EN 12616:2013
Asendatud järgmise dokumendiga: EVS-EN 12616:2023
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

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

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

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

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

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEN ISO 41011
Facility management - Vocabulary (ISO/DIS 41011:2023)

This document defines terms used in facility management standards. This document is intended to be used by but not limited to those: — engaged in facility management, — who are involved in activities of ISO and CEN, and — responsible for national or sector-specific standards, guides, and processes relating to facility management. These terms are expected to be used in standards under development in accordance with the approved work plan of ISO/TC 267.

Keel: en
Alusdokumendid: ISO/DIS 41011; prEN ISO 41011
Asendab dokumenti: EVS-EN ISO 41011:2018

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEVS-ISO 81346-10
Tööstuslikud süsteemid, paigaldised ja seadmed ning tööstusttooted. Liigendamise põhimõtted ja viitetunnused. Osa 10: Elektritoitesüsteemid
Industrial systems, installations and equipment and industrial products — Structuring principles and reference designations — Part 10: Power supply systems (ISO 81346-10:2022, identical)

See dokument sätestab, lisaks standardis IEC 81346-1 määratletud süsteemide ja info liigendamise põhimõtetetle, reeglid süsteemide liigendamiseks elektitoiteallikate alal. Nende põhimõtete alusel on esitatud reeglid ja juhised objektidele üheselt mõistetavate viitetunnuste formuleerimseks mis tahes süsteemis. Viitetunnus identifitseerib objektid, et objekti kohta saaks teavet nii luua kui ka hankida, ja kui objekt on muudetud või muutunud reaalseks, siis ka selle vastava koostisosa kohta. Koostisosal sildil esitatud viitetunnus on võti teabe leidmiseks selle objekti kohta erinevatest liikidest dokumentide seast. Need põhimõtted on üldised ja kehtivad kõikides tehnikavaldkondades (nagu näiteks masinaehitus, elektrotehnika, ehitustehnika, protsessitehnika). Neid saab kasutada eri tehnikail põhinevate või mitut tehnikat kombineerivate süsteemide jaoks. Ühtlasi: see dokument täpsustab klassid süsteemide ja ruumide jaoks elektritoitesüsteemide alal.

Keel: en
Alusdokumendid: ISO 81346-10:2022

Arvamusküsitluse lõppkuupäev: 17.03.2023

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

prEN ISO 41011
Facility management - Vocabulary (ISO/DIS 41011:2023)

This document defines terms used in facility management standards. This document is intended to be used by but not limited to those: — engaged in facility management, — who are involved in activities of ISO and CEN, and — responsible for national or sector-specific standards, guides, and processes relating to facility management. These terms are expected to be used in standards under development in accordance with the approved work plan of ISO/TC 267.

Keel: en

Alusdokumendid: ISO/DIS 41011; prEN ISO 41011
Asendab dokumenti: EVS-EN ISO 41011:2018

Arvamusküsitluse lõppkuupäev: 17.03.2023

11 TERVISEHOOLDUS

EN 1789:2020/prA1

Medical vehicles and their equipment - Road ambulances

This European Standard specifies requirements for the design, testing, performance and equipping of road ambulances used for the transport, monitoring, treatment and care of patients. It contains requirements for the patient's compartment in terms of the working environment, ergonomic design and the safety of the crew and patients.This European Standard does not cover the training of the staff which is the responsibility of the authority/authorities in the country where the ambulance is to be registered. This European Standard is applicable to road ambulances capable of transporting at least one person on a stretcher and excludes the transportation of hospital beds. This standard also specifies requirements for ambulances intended to carry transport incubator systems. The European Standard covers the specific requirements of each type of road ambulance which are designated according to the patient condition e.g. patient transport road ambulance types A1, A2, B and C. This European Standard gives general requirements for medical devices carried in road ambulances and used therein and outside hospitals and clinics in situations where the ambient conditions can differ from normal indoor conditions.

Keel: en
Alusdokumendid: EN 1789:2020/prA1
Muudab dokumenti: EVS-EN 1789:2020

Arvamusküsitluse lõppkuupäev: 17.03.2023

EN 455-1:2020+A1:2022/prA2:2023

Medical gloves for single use - Part 1: Requirements and testing for freedom of holes

This document specifies requirements and gives the test method for medical gloves for single use in order to determine freedom from holes.

Keel: en
Alusdokumendid: EN 455-1:2020+A1:2022/prA2:2023
Muudab dokumenti: EVS-EN 455-1:2020+A1:2022

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN 455-2

Medical gloves for single use - Part 2: Requirements and testing for physical properties

This document specifies requirements and gives test methods for physical properties of single-use medical gloves (i.e. surgical gloves and examination/procedure gloves) in order to ensure that they provide and maintain in use an adequate level of protection from cross contamination for both patient and user. This document does not specify the size of a lot. Attention is drawn to the difficulties that can be associated with the distribution and control of very large lots. The recommended maximum individual lot size for production is 500 000.

Keel: en
Alusdokumendid: prEN 455-2
Asendab dokumenti: EVS-EN 455-2:2015

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN ISO 5362

Anaesthetic and respiratory equipment - Anaesthetic reservoir bags (ISO/DIS 5362:2023)

ISO 5362:2006 specifies requirements for antistatic and non-antistatic reservoir bags for use with anaesthetic apparatus or lung-ventilator breathing systems. It includes requirements for the design of the neck, size designation, distension and, where relevant, for electrical resistance. ISO 5362:2006 includes requirements for both single-use and reusable bags. Reusable bags are intended to comply with the requirements of ISO 5362:2006 for the recommended product life. ISO 5362:2006 is not applicable to special-purpose bags, for example bellows and self-expanding bags. Bags for use with anaesthetic gas scavenging systems are not considered to be anaesthetic reservoir bags and are thus outside the scope of ISO 5362:2006.

Keel: en
Alusdokumendid: ISO/DIS 5362; prEN ISO 5362
Asendab dokumenti: EVS-EN ISO 5362:2019

Arvamusküsitluse lõppkuupäev: 17.03.2023

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN ISO 16321-1:2022/prA1

Eye and face protection for occupational use - Part 1: General requirements - Amendment 1 (ISO 16321-1:2021/DAM 1:2023)

Amendment to EN ISO 16321-1:2022

Keel: en
Alusdokumendid: ISO 16321-1:2021/DAmd 1; EN ISO 16321-1:2022/prA1
Muudab dokumenti: EVS-EN ISO 16321-1:2022

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN ISO 24231

Protective clothing - Protection against rain - Test method for ready-made garments against high energy droplets from above (ISO/DIS 24231:2023)

This document specifies a test method for determining the liquid tightness of clothing for protection against rain, using a static manikin exposed to large amount of high energy droplets from above. It is applicable to the testing of jackets, trousers, coats and one- or two-piece suits.

Keel: en
Alusdokumendid: ISO/DIS 24231; prEN ISO 24231
Asendab dokumenti: EVS-EN 14360:2004

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN ISO 24232

Protective clothing - Protection against rain (ISO/DIS 24232:2023)

This document specifies requirements and test methods for the performance of materials, seams and ready-made garments for occupational protective clothing against rain. This document also specifies marking requirements and information to be supplied by the manufacturer for the occupational protective clothing against rain.

Keel: en
Alusdokumendid: ISO/DIS 24232; prEN ISO 24232
Asendab dokumenti: EVS-EN 343:2019

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN ISO 5667-3

Water quality - Sampling - Part 3: Preservation and handling of water samples (ISO/DIS 5667-3:2023)

This document specifies general requirements for sampling, preservation, handling, transport and storage of all water samples for physicochemical, chemical, hydrobiological and microbiological analyses and radiochemical analytes and activities. Guidance on the validation of storage times of water samples is provided in ISO/TS 5667-25. It is not applicable to water samples intended for ecotoxicological assays, biological assays, passive sampling as specified in the scope of ISO 5667-23 and microplastic particles and fibres. This document is particularly appropriate when samples cannot be analysed on site and have to be transported to a laboratory for analysis. This document and the analytical International Standards can be used as presented in Figure 1.

Keel: en
Alusdokumendid: ISO/DIS 5667-3; prEN ISO 5667-3
Asendab dokumenti: EVS-EN ISO 5667-3:2018

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEVS-ISO 8518

Töökoha õhk. Plii ja pliiühendite sisalduse määramine õhus. Leek ja elektrotermiline aatomabsorptsioon-spektomeetria meetodid
Workplace air — Determination of particulate lead and lead compounds — Flame and electrothermal atomic absorption spectrometric methods (ISO 8518:2022, identical)

See dokument täpsustab leekaatomabsorptsioon-spektomeetria ja elektrotermilise atomiseerimis-aatomabsorptsioon-spektomeetria meetodid pliiosakeste ja -ühendite keskmise massikontsentratsiooni määramiseks teatud aja jooksul töökoha õhus. See meetod on tavapäraselt rakendatav lenduvate osakeste sissehingatava hulga isikupõhiseks määramiseks vastavalt ISO 7708 standardile ning staatiliseks (alapõhiseks) määramiseks. Vajadusel saab seda meetodit kasutada muude tervisega seotud fraktsioonide määramiseks. Proovi lahustamine nõuab kuuma plaadi või mikrolaineahju abil lagundamist või ultrahelieraldust (vt 11.2). Alternatiivse, jõulisema lahustamisprotseduuri kasutamine on vajalik, kui soovitakse eraldada tina katseatmosfääris leiduvatest ühenditest, mida pole võimalik eraldada siin kirjeldatud eraldusprotseduuride abil (vt paetükk 5). Leek-aatomabsorptsioon-spektomeetria on rakendatav umbes 1 µg kuni 200 µg pliihulga määramisel proovi kohta, ilma lahjendamata [1]. Elektrotermiline atomiseerimis-aatomabsorptsioon-spektomeetria on rakendatav umbes 0,01 µg kuni 0,5 µg pliihulga määramisel proovi kohta, ilma lahjendamata [1]. Ultrahelieraldus on hinnatud sobivaks umbes 20 µg kuni 100 µg pliihulga määramiseks proovi kohta laboris saadud õhusaastefiltri proovide põhjal [2]. Plii sisaldus õhus, millele see protseduur on rakendatav, määratakse osaliselt kasutaja valitud proovivõtumenetluse põhjal (vt 10.1).

Keel: en
Alusdokumendid: ISO 8518:2022
Asendab dokumenti: EVS-ISO 8518:2004
Arvamusküsitluse lõppkuupäev: 17.03.2023

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN IEC 60704-2-13:2023

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-13: Particular requirements for cooking fume extractors

This clause of IEC 60704-1:2021 is applicable except as follows: Addition: These particular requirements apply to cooking fume extractors for household and similar use intended for filtering the air of a room or for exhausting the air out of a room, including their accessories and their component parts. It also applies to cooking fume extractors where the fan is mounted separately from the appliance inside or outside of the room where the appliance is located, but controlled by the appliance when the fan is defined in the technical documentation. This document deals also with down-draft systems that is arranged beside, behind or under the cooking appliance. Measurements according to this standard determines the noise emission into the room, from which cooking fumes are extracted. Noise emission to the outside (e.g. through air ducts) are not considered.

Keel: en
Alusdokumendid: 59K/364/CDV; prEN IEC 60704-2-13:2023
Asendab dokumenti: EVS-EN 60704-2-13:2017
Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN ISO 16610-45

Geometrical product specifications (GPS) - Filtration - Part 45: Morphological profile filters: Segmentation (ISO/DIS 16610-45:2023)

This part of ISO 16610 develops the terminology and concepts for Profile morphological segmentation. In particular it describes the watershed segmentation method, the Wolf pruning method and the Crossing-the-Line Method. This document assumes a continuous surface.

Keel: en
Alusdokumendid: ISO/DIS 16610-45; prEN ISO 16610-45
Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN ISO 18314-4

Analytical colorimetry - Part 4: Metamerism index for pairs of samples for change of illuminant (ISO/DIS 18314-4:2023)

This document specifies a formalism for the calculation of the illuminant metamerism of solid surface colours. It cannot be applied to colours of effect coatings without metrical adaptation. This document only covers the phenomenon of metamerism for change of illuminant, which has the greatest meaning in practical application. In the case of chromaticity coordinates of a pair of samples under reference conditions that do not exactly match, recommendations are given on which correction measures are to be taken. Regarding the reproduction of colours, the metamerism index is used as a measure of quality in order to specify tolerances for colour differences between a colour sample and a colour match under different illumination conditions. The quantification of the illuminant metamerism of pairs of samples is formally performed by a colour difference assessment, for which tolerances that are common for the evaluation of residual colour differences can be used. NOTE In the colorimetric literature and textbooks, the term geometric metamerism is sometimes used for the case that two colours appear to be the same under a specific geometry for visual assessment and selected standard observer and standard illuminant pair, but is perceived as two different colours at changed observation geometry. The term geometric metamerism is different to metamerism described in this document.

Keel: en
Alusdokumendid: ISO/DIS 18314-4; prEN ISO 18314-4
Asendab dokumenti: EVS-EN ISO 18314-4:2021
Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN ISO 26101-2

Acoustics - Test methods for the qualification of the acoustic environment - Part 2: Determination of the environmental correction (ISO/DIS 26101-2:2023)

This document specifies methods for qualifying an environment that approximates to an acoustic free field near one or more reflecting planes. The goal of the qualification is to determine the environmental correction K2, which is used to correct for reflected sound when determining the sound power level or sound energy level of a noise source from sound pressure levels measured on a surface enveloping the noise source (machinery or equipment) in such an environment. In addition, the environmental correction K2 is used as an input parameter for the determination of the local environmental correction K3 which is used to determine the emission sound pressure level in an environment that approximates to an acoustic free field near one or more reflecting planes. In practice, the K2 value determined will be a function of both the reflected sound from the test environment and the shape and size of the measurement surface used for the K2 determination. For the purposes of this standard and the standards that refer to it, the differences between K2 values determined with different measurement surfaces are assumed to be included in the stated measurement uncertainty for the test method.

Keel: en
Alusdokumendid: ISO/DIS 26101-2; prEN ISO 26101-2
Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN ISO 3744

Acoustics - Determination of sound power levels of noise sources using sound pressure - Engineering methods for an essentially free field over a reflecting plane (ISO/DIS 3744:2023)

This document specifies methods for determining the sound power level of a noise source from sound pressure levels measured on a surface enveloping the noise source (machinery or equipment) in an environment that approximates to an acoustic free field near one or more reflecting planes. The sound power level produced by the noise source, in frequency bands or with A-weighting applied, is calculated using those measurements. NOTE Differently shaped measurement surfaces can yield differing estimates of the sound power level of a given noise source which are accounted for in the uncertainty associated with this test method, or a noise test code that refers to this method. An appropriately drafted noise test code (see ISO 12001) gives detailed information on the selection of the surface.

Keel: en
Alusdokumendid: ISO/DIS 3744; prEN ISO 3744
Asendab dokumenti: EVS-EN ISO 3744:2010
Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN ISO 5114-1

Acoustics - Determination of uncertainties associated with sound emission measures - Part 1: Sound power levels determined from sound pressure measurements (ISO/DIS 5114-1:2023)

This document gives guidance on the determination of (measurement) uncertainties of sound power levels determined according to ISO 3741, ISO 3743-1, ISO 3743-2, ISO 3744, ISO 3745, ISO 3746 and ISO 3747

Keel: en
Alusdokumendid: ISO/DIS 5114-1; prEN ISO 5114-1
Arvamusküsitluse lõppkuupäev: 17.03.2023

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN ISO 8233

Thermoplastics valves - Torque - Test method (ISO/DIS 8233:2023)

This document specifies a test method for the determination of the opening, closing and running torque of thermoplastics valves. This test is considered to be performed as part of the initial type testing. This document applies to all types of thermoplastics valves intended to be used for the transport of fluids. NOTE 1 Examples of valve types tested with this method are in ISO 16135, ISO 16136, ISO 16138, ISO 16139, ISO 21787, ISO 4437-4, ISO 16486-4, EN 12201-4, EN 1555-4. It does not specify the relationship between the torque and its possible increase after valve prolonged use at specific working condition or materials wear/chemical aggression. NOTE 2 Concerning the chemical aggression of the materials, a collection of data is reported in ISO/TR 10358; concerning the endurance test necessary to confirm the ability of hand-operated plastics valves to withstand prolonged use with repeated opening and closure, further information is provided in ISO 8659.

Keel: en
Alusdokumendid: ISO/DIS 8233; prEN ISO 8233
Asendab dokumenti: EVS-EN 28233:1999
Arvamusküsitluse lõppkuupäev: 17.03.2023

25 TOOTMISTEHNOLOOGIA

prEN 17942

Gas welding equipment - Safety requirements for thermoprocess equipment with open firing oxy-fuel gas welding equipment

This document, together with EN 746-1, EN 746-2 and EN 746-11, specifies the safety requirements for industrial thermoprocessing equipment (IThE) with "Open firing oxy-fuel gas welding equipment", as well as the relevant gas distribution and protective systems. This document applies to IThE supplied with fuel gases. IThE in the scope of application of this document shall be able to be operated under the following ambient conditions: - temperature range; - during operation: +5°C to +40°C; - during transportation and storage: -5°C to +55°C; - relative humidity: up to 90% at 20°C, non-condensing. This document covers the significant hazards, hazardous situations and events listed in Appendix A for oxy-fuel IThE, associated gas supply systems and protective systems on the basis that they are used as intended and under the conditions specified by the manufacturer. This document applies to: - gas distribution system, beginning in the direction of flow with the manually isolation main shut-off valve at the inlet of the thermoprocessing equipment; - burner, burner assembly and ignition devices, open firing; - Safety control system (protective system). This document is applicable to all types of combustion of fuel gases with atmospheric air, compressed air or oxygen. This document also includes necessary requirements for user information. This document does not apply to manual burners, systems for flame spraying and micro soldering torches. This document does not apply to systems for welding, cutting and associated processes using plasma and laser technology. This document does not cover the hazards arising as a result of the release of flammable substances from the products processed in the IThE. This document is not applicable to electrical wiring and heavy-current wiring connected upstream of the IThE control cabinet/control panel/protective system. Noise and optical radiation can cause significant hazards when using gas welding equipment. These are not covered in this document. This document is not applicable to oxy-fuel IThE, associated gas supply systems and protective systems manufactured before the date of publication of this document in the Official Journal of the EU.

Keel: en
Alusdokumendid: prEN 17942
Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN ISO 5179

Investigation of brazeability with spreading and gap-filling test (ISO 5179:2021)

This document specifies three test methods for investigating brazeability. A spreading test shows testing method with measurement of the spread area of the filler metals. A T-joint test describes a scheme to construct a T-shape design by the test pieces and a testing method. A varying gap test describes a test piece and a testing method for assessing the influence of the various parameters which can influence brazing during manufacture as a function of clearances.

Keel: en
Alusdokumendid: ISO 5179:2021; prEN ISO 5179

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN ISO 9012

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

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

Keel: en
Alusdokumendid: ISO/DIS 9012; prEN ISO 9012
Asendab dokumenti: EVS-EN ISO 9012:2011

Arvamusküsitluse lõppkuupäev: 17.03.2023

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN ISO 17830

Solid biofuels - Particle size distribution of disintegrated pellets (ISO/DIS 17830:2023)

ISO 17830:2016 aims to define the requirements and method used to determine particle size distribution of disintegrated pellets. It is applicable for pellets that fully disintegrate in hot water.

Keel: en
Alusdokumendid: ISO/DIS 17830; prEN ISO 17830
Asendab dokumenti: EVS-EN ISO 17830:2016

Arvamusküsitluse lõppkuupäev: 17.03.2023

29 ELEKTROTEHNIKA

EN 62751-2:2014/prA2:2023

Amendment 2 - Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems - Part 2: Modular multilevel converters

Amendment to EN 62751-2:2014

Keel: en
Alusdokumendid: 22F/712/CDV; EN 62751-2:2014/prA2:2023
Muudab dokumenti: EVS-EN 62751-2:2014

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN 50655-1

Electric cables - Accessories - Material characterization - Part 1: Fingerprinting for resinous compounds

This document specifies the test methods and requirements of tests for fingerprinting (as defined in 3.9) of solvent-free polymerizable, reacting resinous compound intended to be used for electrical insulation and/or mechanical protection in cable accessories covered by EN 50393, HD 629.1 and HD 629.2, for low and medium voltage up to 20,8/36 (42) kV. Fingerprinting testing of materials does not have a mandatory link to type testing of accessories. It is regarded as stand-alone tests, but it may be carried out in combination with the accessory type tests. NOTE Information on health and safety is given in Annex A.

Keel: en
Alusdokumendid: prEN 50655-1
Asendab dokumenti: EVS-EN 50655-1:2017

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN IEC 61558-2-8:2023

Safety of transformers, reactors, power supply units and combinations thereof - Part 2-8: Particular requirements and tests for transformers and power supply units for bells and chimes

This part of IEC 61558 deals with the safety of bell and chime transformers and power supply units incorporating bell and chime transformers. Transformers incorporating electronic circuits are also covered by this document. NOTE 1 Safety includes electrical, thermal and mechanical aspects. Unless otherwise specified, from here onward, the term transformer covers bell and chime transformers and power supply units incorporating bell and chime transformers. For power supply units (linear) this document is applicable. For switch mode power supply units IEC 61558-2-16 is applicable together with this document. Where two requirements are in conflict, the most severe take precedence. This document is applicable to stationary, single-phase, air-cooled (natural or forced) independent or associated dry-type transformers. The windings can be encapsulated or non-encapsulated. The rated supply voltage does not exceed 250 V AC and the rated supply frequency and the internal operating frequencies do not exceed 500 Hz. The rated output does not exceed 100 VA. The no-load output voltage does not exceed 33 V AC or 46 V ripple-free DC, and the rated output voltage does not exceed 24 V AC, or 33 V ripple-free DC. Bell and chime transformers are generally intended to supply domestic sound signalling equipment and other similar devices where the load is applied for short periods of time. NOTE 2 A partial load can be applied for illumination purposes. This document is not applicable to external circuits and their components intended to be connected to the input terminals and output terminals of the transformers. NOTE 3 Transformers covered by this document are only used in applications where double or reinforced insulation between circuits is required by the installation rules or by the end product standard. NOTE 4 Normally the transformers are intended to be used with equipment to provide voltages different from the supply voltage for the functional requirements of the equipment. The protection against electric shock can be provided or completed by other features of the equipment, such as the body. Parts of output circuits can be connected to the input circuits or to protective earthing. This document is applicable to transformers associated with specific equipment, to the extent decided upon by the relevant IEC technical committees. Attention is drawn to the following, if necessary: − measures to protect the enclosure and the components inside the enclosure against external influences such as fungus, vermin, termites, solar-radiation, and icing; − the different conditions for transportation, storage, and operation of the transformers; − additional requirements in accordance with other appropriate standards and national rules can be applicable to transformers intended for use in special environments. Future technological development of transformers can necessitate a need to increase the upper limit of the frequencies. Until then this document can be used as a guidance document. This group safety publication focusing on safety guidance is primarily intended to be used as a product safety standard for the products mentioned in the scope but is also intended to be used by technical committees in the preparation of publications for products similar to those mentioned in the scope of this group safety publication, in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. One of the responsibilities of a technical committee is, wherever applicable, to make use of basic safety publications and/or group safety publications in the preparation of its publications.

Keel: en
Alusdokumendid: prEN IEC 61558-2-8:2023; IEC 61558-2-8 ED3 (96/565/CDV)
Asendab dokumenti: EVS-EN 61558-2-8:2010

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN IEC 61558-2-9:2023

Safety of transformers, reactors, power supply units and combinations thereof - Part 2-9: Particular requirements and tests for transformers and power supply units for class III handlamps

This part of IEC 61558 deals with the safety of transformers for class III handlamps and power supply units incorporating transformers for class III handlamps. Transformers incorporating electronic circuits are also covered by this document. NOTE 1 Safety includes electrical, thermal and mechanical aspects. Unless otherwise specified, from here onward, the term transformer covers transformers for class III handlamps and power supply units incorporating transformers for class III handlamps. For power supply units (linear) this document is applicable. For switch mode power supply units IEC 61558-2-16 is applicable together with this document. Where two requirements are in conflict, the most severe take precedence. This document is applicable to stationary or portable, single-phase, air-cooled (natural or forced) independent or associated dry-type transformers. The windings can be encapsulated or non-encapsulated. The rated supply voltage does not exceed 1 000 V AC and the rated supply frequency and the internal operating frequencies do not exceed 500 Hz.

Keel: en
Alusdokumendid: 96/566/CDV; prEN IEC 61558-2-9:2023
Asendab dokumenti: EVS-EN 61558-2-9:2011

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN IEC 62044-3:2023

Cores made of soft magnetic materials - Measuring methods - Part 3: Magnetic properties at high excitation level

This part of IEC 62044 specifies measuring methods for power loss and amplitude permeability of magnetic cores forming the closed magnetic circuits intended for use at high excitation levels in inductors, chokes, transformers and similar devices for power electronics applications. The methods given in this document can cover the measurement of magnetic properties for frequencies ranging practically from d.c. to 10 MHz, and even possibly higher, for the calorimetric and reflection methods. The applicability of the individual methods to specific frequency ranges is dependent on the level of accuracy that is to be obtained. The methods in this standard are basically the most suitable for sine-wave excitations. Other periodic waveforms can also be used; however, adequate accuracy can only be obtained if the measuring circuitry and instruments used are able to handle and process the amplitudes and phases of the signals involved within the frequency spectrum corresponding to the given magnetic flux density and field strength waveforms with only slightly degraded accuracy. NOTE It can be necessary for some magnetically soft metallic materials to follow specific general principles, customary for these materials, related to the preparation of specimens and prescribed calculations. These principles are formulated in IEC 60404-8-6.

Keel: en
Alusdokumendid: 51/1426/CDV; prEN IEC 62044-3:2023
Asendab dokumenti: EVS-EN 62044-3:2002
Asendab dokumenti: EVS-EN 62044-3:2002/AC:2021

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN IEC 63404:2023

Switchgear and controlgear and their assemblies for low voltage - Integration method of radiocommunication device into an equipment

This document defines the methods of integrating a radiocommunication device, having a carrier frequency in the range covered by IEC 61000-4-39, into a host equipment with: – The classification of integration categories; – The verification method using a capability profile approach; – The verification of the unwanted emission level of the radio transmitter. This document also provides typical radiocommunication device integration use cases. The object of these methods is to optimise the testing necessary when updating the host equipment with a new type of radiocommunication device. In general, this document defines the generic requirements related to the radiocommunication function of an equipment. It complements the product standard of the host equipment with additional characteristics, performance, and tests. In addition, this document provides guidance on considerations to be addressed in product standards including safety and security matter. This document does not cover: – Radiocommunication technologies (e.g. IEEE 802.11, IEEE 802.15.4); – Allocation of radio frequencies; – The impact on the application of the equipment.

Keel: en
Alusdokumendid: 121/121/CDV; prEN IEC 63404:2023

Arvamusküsitluse lõppkuupäev: 17.03.2023

prHD 629.2 S3

Test requirements for accessories for use on power cables of rated voltage from 3,6/6(7,2) kV up to 20,8/36(42) kV - Part 2: Cables with impregnated paper insulation

This standard specifies performance requirements for type tests for cable accessories for use on impregnated paper insulated power cables as specified in HD 621. Formerly, approvals of such products have been achieved on the basis of national standards and specifications and/or the demonstration of satisfactory service performance. The publication of this CENELEC standard does not invalidate existing approvals. However, products approved to such earlier standards or specifications shall not claim approval to this CENELEC standard unless specifically tested to it. It is not necessary to repeat these tests, once successfully completed, unless changes are made in the materials, design or manufacturing process, which might affect the performance characteristics. Accessories for special applications such as submarine cables, ships cables or hazardous situations (explosive environments, fire resistant cables or seismic conditions) are not included. Test methods are included in EN 61442.

Keel: en
Alusdokumendid: prHD 629.2 S3
Asendab osaliselt dokumenti: EVS-HD 629.2 S2:2006
Asendab osaliselt dokumenti: EVS-HD 629.2 S2:2006/A1:2008

Arvamusküsitluse lõppkuupäev: 17.03.2023

31 ELEKTROONIKA

EN 60939-2:2005/prA1:2023

Amendment 1 - Passive filter units for electromagnetic interference suppression - Part 2: Sectional specification - Passive filter units for which safety tests are appropriate - Test methods and general requirements

Amendment to EN 60939-2:2005

Keel: en
Alusdokumendid: 40/3014/CDV; EN 60939-2:2005/prA1:2023
Muudab dokumenti: EVS-EN 60939-2:2005

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN IEC 61643-332:2022

Components for low-voltage surge protection - Part 332: Selection and application principles for metal oxide varistors (MOV)

This part of IEC 61643 presents a description, theory of operation, test characteristics, and application principles for MOVs, which are used for applications up to 1 000 V AC or 1 500 V DC in power line, or telecommunication, or signalling circuits. They are designed to protect apparatus or personnel, or both, from high transient voltages. This specification applies to MOVs having two electrodes and overvoltage protection components with or without disconnectors. This specification also does not apply to mountings and their effect on the MOV's characteristics. Characteristics given apply solely to the MOV mounted only in the ways described for the tests. This standard specifically discusses the zinc-oxide type of MOVs.

Keel: en
Alusdokumendid: 37B/230/CDV; prEN IEC 61643-332:2022

Arvamusküsitluse lõppkuupäev: 17.03.2023

33 SIDETEHNIKA

EN 13757-2:2018/prA1
Communication systems for meters - Part 2: Wired M-Bus communication

This draft European standard is applicable to the physical and link layer parameters of baseband communication over twisted pair (M Bus) for meter communication systems. It is especially applicable to thermal energy meters, heat cost allocators, water meters and gas meters. NOTE It is usable also for other meters (like electricity meters) and for sensors and actuators. For generic descriptions concerning communication systems for meters and remote reading of meters see EN 13757-1.

Keel: en
Alusdokumendid: EN 13757-2:2018/prA1
Muudab dokumenti: EVS-EN 13757-2:2018

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN IEC 61169-10:2023
Radio-frequency connectors. Part 10: R.F. coaxial connectors with inner diameter of outer conductor 3 mm (0.12 in) with snap-on coupling - Characteristic impedance 50 ohms (Type SMB)

This part of IEC 61169, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for series SMB RF coaxial connectors with snap-on coupling with a characteristic impedance of 50 Ω. This document prescribes mating face dimensions for high performance connectors – grade 2, dimensional details of standard test connectors − grade 0, gauging information and tests selected from IEC 61169-1, applicable to all detail specifications relating to series SMB RF connectors. This document indicates recommended performance characteristics to be considered when writing a detail specification and it covers test schedules and inspection requirements for assessment levels M and H. The series SMB connectors which are used with all kinds of RF cables and microstrips in microwave transmission systems. The operating frequency is up to 4 GHz. Inch dimension are original dimensions. All undimensioned pictorial configurations are for reference purpose only

Keel: en
Alusdokumendid: 46F/634/CDV; prEN IEC 61169-10:2023

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN IEC 62148-17:2023
Fibre optic active components and devices - Package and interface standards - Part 17: Transmitter and receiver components with dual coaxial RF connectors

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

Keel: en
Alusdokumendid: 86C/1838/CDV; prEN IEC 62148-17:2023
Asendab dokumenti: EVS-EN 62148-17:2014

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN IEC 62149-3:2023
Fibre optic active components and devices - Performance standards - Part 3: Modulator-integrated laser diode transmitters for 40-Gbit/s fibre optic transmission systems

This part of IEC 62149 covers the performance specification for electroabsorption (EA) type optical modulators monolithically integrated with laser diodes for 40 Gbit/s fibre optic transmission systems. This document contains definitions for product performance requirements as well as a series of tests and measurements, for which clearly defined conditions, severities and pass/fail criteria are provided. The tests are intended to be run as an initial design verification to prove any product's ability to satisfy this document's requirements. This document is applicable for on-off keying modulation formats. A product that has been shown to meet all the requirements of a performance standard can be declared as compliant with the performance standard but will then be controlled by a quality assurance program.

Keel: en
Alusdokumendid: 86C/1839/CDV; prEN IEC 62149-3:2023
Asendab dokumenti: EVS-EN IEC 62149-3:2020
Asendab dokumenti: EVS-EN IEC 62149-3:2020/AC:2021

Arvamusküsitluse lõppkuupäev: 17.03.2023

35 INFOTEHNOLOOGIA

EN 13757-2:2018/prA1
Communication systems for meters - Part 2: Wired M-Bus communication

This draft European standard is applicable to the physical and link layer parameters of baseband communication over twisted pair (M Bus) for meter communication systems. It is especially applicable to thermal energy meters, heat cost allocators, water meters and gas meters. NOTE It is usable also for other meters (like electricity meters) and for sensors and actuators. For generic descriptions concerning communication systems for meters and remote reading of meters see EN 13757-1.

Keel: en
Alusdokumendid: EN 13757-2:2018/prA1
Muudab dokumenti: EVS-EN 13757-2:2018

Arvamusküsitluse lõppkuupäev: 17.03.2023

EN 50657:2017/prA1
Railways Applications - Rolling stock applications - Software on Board Rolling Stock

Modification to Scope Add the following note after the paragraph in 1.6: "NOTE This document was derived from the signalling standard EN 50128 which in many cases was also applied in Rolling Stock applications. Subclause 1.6 ensures continuity in the application of the standards, i.e., software that was developed in accordance with EN 50128 can still be re-used for new projects."

Keel: en
Alusdokumendid: EN 50657:2017/prA1
Muudab dokumenti: EVS-EN 50657:2017

Arvamusküsitluse lõppkuupäev: 17.03.2023

43 MAANTEESÕIDUKITE EHITUS

EN 1789:2020/prA1
Medical vehicles and their equipment - Road ambulances

This European Standard specifies requirements for the design, testing, performance and equipping of road ambulances used for the transport, monitoring, treatment and care of patients. It contains requirements for the patient's compartment in terms of the working environment, ergonomic design and the safety of the crew and patients.This European Standard does not cover the training of the staff which is the responsibility of the authority/authorities in the country where the ambulance is to be registered. This European Standard is applicable to road ambulances capable of transporting at least one person on a stretcher and excludes the transportation of hospital beds. This standard also specifies requirements for ambulances intended to carry transport incubator systems. The European Standard covers the specific requirements of each type of road ambulance which are designated according to the patient condition e.g. patient transport road ambulance types A1, A2, B and C. This European Standard gives general requirements for medical devices carried in road ambulances and used therein and outside hospitals and clinics in situations where the ambient conditions can differ from normal indoor conditions.

Keel: en
Alusdokumendid: EN 1789:2020/prA1
Muudab dokumenti: EVS-EN 1789:2020

Arvamusküsitluse lõppkuupäev: 17.03.2023

45 RAUDTEETEHNIKA

EN 15624:2021/prA1
Railway applications - Braking - Empty-loaded changeover devices

This document is applicable to empty-loaded changeover devices. The purpose of such devices is the generation of a load-related signal which causes the brake performance to be adjusted to the current vehicle mass. The manually operated empty-loaded changeover devices change their output signal according to the position of the handles which together with the associated changeover plates serve as interfaces. The changeover plates read the required information for the operation of the empty-loaded changeover devices, i.e. brake weights for each position and the relevant changeover mass of the vehicle. Automatic empty-loaded changeover devices sense a certain load threshold of the vehicle to automatically adjust the output signal when the mass of a vehicle reaches a defined value. This threshold is the changeover mass. Below this mass the vehicle's brake system provides a reduced brake force. For the changeover mass or more the high brake force applies. This document specifies the requirements for the design, testing and quality assurance of empty-loaded changeover devices.

Keel: en
Alusdokumendid: EN 15624:2021/prA1
Muudab dokumenti: EVS-EN 15624:2021

Arvamusküsitluse lõppkuupäev: 17.03.2023

47 LAEVAEHITUS JA MERE-EHITISED

prEN ISO 10239
Small craft - Liquefied petroleum gas (LPG) systems (ISO/DIS 10239:2023)

This document addresses the installation of permanently installed liquefied petroleum gas (LPG) systems and LPG-burning appliances on small craft. This document does not apply to LPG-fuelled propulsion engines or LPG-driven generators. This document addresses cooking appliances with internal LPG cartridges, with a capacity of 225 g or less (See Annex D). This document addresses storage of all LPG cylinders but is not intended to regulate the technical requirements for such cylinders that are subject to national regulations. It does not contain procedures for commissioning new LPG installations or system maintenance or upgrades. Competent persons responsible for commissioning LPG installations should use relevant national codes and procedures appropriate to the country concerned.

Keel: en
Alusdokumendid: prEN ISO 10239; ISO/DIS 10239:2023
Asendab dokumenti: EVS-EN ISO 10239:2017

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN ISO 9519

Ships and marine technology - Single rungs and rungs for dog-step ladders (ISO/DIS 9519:2023)

This standard is the revision on ISO 9519:1990. This standard specifies the type, structure, dimensions, material, technical requirement and manufacture quality of rungs for dog-step ladders

Keel: en
Alusdokumendid: ISO/DIS 9519; prEN ISO 9519
Asendab dokumenti: EVS-EN 29519:2000

Arvamusküsitluse lõppkuupäev: 17.03.2023

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 16603-20-40

Space engineering - ASIC, FPGA and IP Core engineering

This activity will be the parallel development of EN 16603-20-40 and ECSS-E-ST-20-40C. The scope shall cover the areas of existing ASIC and FPGA engineering chapter 5 of ECSS-Q-ST-60-02C, but w ith w ider breadth and greater depth, covering engineering requirements of end-to-end development flow s, from specification of requirements to validation of prototypes, of the follow ing monolithic devices for its use in space: • ASICs (distinguishing digital, analogue and mixed-signal development flow s) • FPGAs (distinguishing three technology families: SRAM, FLASH and anti-fuse technologies) • ASIC and FPGA System-on-Chip embedding processor cores w hich have external “softw are programme” dependencies to be addressed during the SoC development, resulting in SW-HW co-design requirements.

Keel: en
Alusdokumendid: prEN 16603-20-40

Arvamusküsitluse lõppkuupäev: 17.03.2023

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 105-C09

Textiles - Tests for colour fastness - Part C09: Colour fastness to domestic and commercial laundering - Oxidative bleach response using a non-phosphate reference detergent incorporating a low temperature bleach activator (ISO/DIS 105-C09:2023)

This document specifies a method for determining the consumer relevant shade change of textiles, of all kinds, (excluding silk and wool) and in all forms, to domestic/commercial laundering procedures in which a bleach activator (oxygen bleaching system) is used. The colour fastness resulting from oxygen bleaching in this test provides an indication of the shade change behaviour observed after multiple domestic/commercial launderings. This document is not applicable for the assessment of the dye staining of adjacent fabrics, where suitable methods are described in ISO 105-A04. This document specifies a procedure incorporating the use of ECE1) non-phosphate reference detergent, sodium perborate tetrahydrate or sodium percarbonate, and the bleach activator tetra-acetylethylenediamine (TAED) (see Annex A) and a procedure incorporating the use of AATCC 1993 zero phosphate reference detergent (without optical brightener), sodium perborate monohydrate or sodium percarbonate and the bleach activator sodium nonanoyloxybenzene sulfonate (SNOBS) (see Annex B). This method has been designed for the detergents and bleach systems given. Other detergents and bleach systems may require different conditions and levels of ingredient.

Keel: en
Alusdokumendid: ISO/DIS 105-C09; prEN ISO 105-C09
Asendab dokumenti: EVS-EN ISO 105-C09:2003
Asendab dokumenti: EVS-EN ISO 105-C09:2003/A1:2007

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN ISO 24231

Protective clothing - Protection against rain - Test method for ready-made garments against high energy droplets from above (ISO/DIS 24231:2023)

This document specifies a test method for determining the liquid tightness of clothing for protection against rain, using a static manikin exposed to large amount of high energy droplets from above. It is applicable to the testing of jackets, trousers, coats and one- or two-piece suits.

Keel: en
Alusdokumendid: ISO/DIS 24231; prEN ISO 24231
Asendab dokumenti: EVS-EN 14360:2004

Arvamusküsitluse lõppkuupäev: 17.03.2023

65 PÕLLUMAJANDUS

prEN 12579
Soil improvers and growing media - Sampling

This document specifies methods for sampling of soil improvers and growing media for subsequent determination of quality and quantity. It outlines the principles to be taken into consideration when taking the sample and ensuring an adequate quantity is available for testing. This document applies to material in solid form (including pre-shaped growing media) and liquid form. This document is intended to be used by manufacturers, buyers and enforcement agencies in verifying claims made for these materials. It is not intended that it should necessarily be used for the purpose of manufacturing control. The requirements of this document can differ from the national legal requirements for the declaration of the material concerned.

Keel: en
Alusdokumendid: prEN 12579
Asendab dokumenti: EVS-EN 12579:2013

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN ISO 3991
Agricultural machinery - Robotic feed systems - Safety (ISO/DIS 3991:2023)

This document specifies the safety requirements and their verification for the design and construction of robotic feed systems distributing feed and performing at least one of the following functions without the need of human intervention: - storing of feed - loading of mobile feed unit (MFU) - mixing - travelling - cleaning (residual feed) - pushing feed In addition, it specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer. This document does not apply to systems designed to be used at a fixed location and are not meant to be moved from one place to another to discharge feed (e.g. chain conveyor feed systems, belt conveyor feed systems or liquid feed systems).

Keel: en
Alusdokumendid: ISO/DIS 3991; prEN ISO 3991

Arvamusküsitluse lõppkuupäev: 17.03.2023

71 KEEMILINE TEHNOLOOGIA

prEN 14349
Chemical disinfectants and antiseptics - Quantitative surface test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in the veterinary area on non-porous surfaces without mechanical action - Test method and requirements (phase 2, step 2)

This European Standard specifies a test method and the minimum requirements for bactericidal activity of chemical disinfectant and antiseptic products that form a homogeneous physically stable preparation when diluted with hard water, or - in the case of ready-to-use-products - with water. This European Standard applies to products that are used in the veterinary area on non-porous surfaces without mechanical action i.e. in the breeding, husbandry, production, transport and disposal of all animals except when in the food chain following death and entry to the processing industry. EN 14885 specifies in detail the relationship of the various tests to one another and to "use recommendations". NOTE 1 The method described is intended to determine the activity of commercial formulations or active substances under the conditions in which they are used. NOTE 2 This method corresponds to a Phase 2 Step 2 test. NOTE 3 This method cannot be used to evaluate the activity of products against mycobacteria.

Keel: en
Alusdokumendid: prEN 14349
Asendab dokumenti: EVS-EN 14349:2012

Arvamusküsitluse lõppkuupäev: 17.03.2023

75 NAFTA JA NAFTATEHNOLOOGIA

prEN 12662-1
Liquid petroleum products - Determination of total contamination - Part 1: Middle distillates and diesel fuels

This document specifies a method for the determination of the content of undissolved substances, referred to as total contamination, in middle distillates, in diesel fuels containing up to 30 % (V/V) fatty acid methyl esters (FAME). The working range is from 12 mg/kg to 26 mg/kg and it was established in an interlaboratory study by applying EN ISO 4259-1 [1]. This document in general applies to products having a kinematic viscosity not exceeding 8 mm2/s at 20 °C, or 5 mm2/s at 40 °C, e.g. diesel fuel as specified in EN 590 [2]. This test method may be used for diesel fuels containing more than 30 % (V/V) FAME and for petroleum products having a kinematic viscosity exceeding 8 mm2/s at 20 °C, or 5 mm2/s at 40 °C, however in such cases the precision of the test method has not been defined. NOTE For the purposes of this document, the term "% (V/V)" is used to represent the volume fraction, φ, of a material. WARNING - Use of this test method may involve hazardous materials, operations and equipment. This method does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this method to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

Keel: en

Alusdokumendid: prEN 12662-1
Asendab dokumenti: EVS-EN 12662:2014

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN 12662-2

Liquid petroleum products - Determination of total contamination - Part 2: Fatty acid methyl esters

This document specifies a method for the determination of the content of undissolved substances, referred to as total contamination, in neat fatty acid methyl esters (FAME). The working range is from 5 mg/kg to 27 mg/kg and it was established in an interlaboratory study by applying EN ISO 4259-1 [1]. This document in general applies to products having a kinematic viscosity not exceeding 8 mm2/s at 20 °C, or 5 mm2/s at 40 °C, e.g. FAME as specified in EN 14214 [2]. NOTE For the purposes of this document, the term "% (V/V)" is used to represent the volume fraction, φ, of a material. WARNING - Use of this test method may involve hazardous materials, operations and equipment. This method does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this method to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: prEN 12662-2
Asendab dokumenti: EVS-EN 12662:2014

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN ISO 17830

Solid biofuels - Particle size distribution of disintegrated pellets (ISO/DIS 17830:2023)

ISO 17830:2016 aims to define the requirements and method used to determine particle size distribution of disintegrated pellets. It is applicable for pellets that fully disintegrate in hot water.

Keel: en
Alusdokumendid: ISO/DIS 17830; prEN ISO 17830
Asendab dokumenti: EVS-EN ISO 17830:2016

Arvamusküsitluse lõppkuupäev: 17.03.2023

77 METALLURGIA

prEN 1982

Copper and copper alloys - Ingots and castings

This document specifies the composition, mechanical properties and other relevant characteristics of copper and copper alloys. The sampling procedures and test methods for the verification of conformity to the requirements of this document are also specified. This document is applicable to: a) copper alloy ingots intended to be remelted for later processing (e.g. castings); and b) copper and copper alloy castings which are intended for use without subsequent working other than machining. Recommended practice for the ordering and supply of castings is included in Annex A. Optional supplementary inspection procedures for ingots and castings are included in Annex B. NOTE Ingots are not suitable for pressure equipment applications.

Keel: en
Alusdokumendid: prEN 1982
Asendab dokumenti: EVS-EN 1982:2017

Arvamusküsitluse lõppkuupäev: 17.03.2023

83 KUMMI- JA PLASTITÖÖSTUS

prEN ISO 19069-2

Plastics - Polypropylene (PP) moulding and extrusion materials - Part2: Preparation of test specimens and determination of properties (ISO/DIS 19069-2:2023)

ISO 19069-2:2016 specifies the methods of preparation of test specimens and the test methods to be used in determining the properties of polypropylene (PP) moulding and extrusion materials. Requirements for handling test material and for conditioning both the test material before moulding and the specimens before testing are given. Procedures and conditions for the preparation of test specimens and procedures for measuring properties of the materials from which these specimens are made are also given. Properties and test methods which are suitable and necessary to characterize PP moulding and extrusion materials are listed. The properties have been selected from the general test methods in ISO 10350-1. Other test methods in wide use for, or of particular significance to, these moulding and extrusion materials are also included in this part of ISO 19069, as are the designatory properties specified in ISO 19069-1. In order to obtain reproducible and comparable test results, it is necessary to use the methods of preparation and conditioning, the specimen dimensions and the test procedures specified herein. Values determined will not necessarily be identical to those obtained using specimens of different dimensions or prepared using different procedures.

Keel: en
Alusdokumendid: ISO/DIS 19069-2; prEN ISO 19069-2
Asendab dokumenti: EVS-EN ISO 19069-2:2016

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN ISO 8233
Thermoplastics valves - Torque - Test method (ISO/DIS 8233:2023)

This document specifies a test method for the determination of the opening, closing and running torque of thermoplastics valves. This test is considered to be performed as part of the initial type testing. This document applies to all types of thermoplastics valves intended to be used for the transport of fluids. NOTE 1 Examples of valve types tested with this method are in ISO 16135, ISO 16136, ISO 16138, ISO 16139, ISO 21787, ISO 4437-4, ISO 16486-4, EN 12201-4, EN 1555-4. It does not specify the relationship between the torque and its possible increase after valve prolonged use at specific working condition or materials wear/chemical aggression. NOTE 2 Concerning the chemical aggression of the materials, a collection of data is reported in ISO/TR 10358; concerning the endurance test necessary to confirm the ability of hand-operated plastics valves to withstand prolonged use with repeated opening and closure, further information is provided in ISO 8659.

Keel: en
Alusdokumendid: ISO/DIS 8233; prEN ISO 8233
Asendab dokumenti: EVS-EN 28233:1999

Arvamusküsitluse lõppkuupäev: 17.03.2023

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN ISO 18314-4
Analytical colorimetry - Part 4: Metamerism index for pairs of samples for change of illuminant (ISO/DIS 18314-4:2023)

This document specifies a formalism for the calculation of the illuminant metamerism of solid surface colours. It cannot be applied to colours of effect coatings without metrical adaptation. This document only covers the phenomenon of metamerism for change of illuminant, which has the greatest meaning in practical application. In the case of chromaticity coordinates of a pair of samples under reference conditions that do not exactly match, recommendations are given on which correction measures are to be taken. Regarding the reproduction of colours, the metamerism index is used as a measure of quality in order to specify tolerances for colour differences between a colour sample and a colour match under different illumination conditions. The quantification of the illuminant metamerism of pairs of samples is formally performed by a colour difference assessment, for which tolerances that are common for the evaluation of residual colour differences can be used. NOTE In the colorimetric literature and textbooks, the term geometric metamerism is sometimes used for the case that two colours appear to be the same under a specific geometry for visual assessment and selected standard observer and standard illuminant pair, but is perceived as two different colours at changed observation geometry. The term geometric metamerism is different to metamerism described in this document.

Keel: en
Alusdokumendid: ISO/DIS 18314-4; prEN ISO 18314-4
Asendab dokumenti: EVS-EN ISO 18314-4:2021

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN ISO 3262-12
Extenders - Specifications and methods of test - Part 12: Muscovite-type mica (ISO/DIS 3262-12:2023)

This document specifies requirements and corresponding methods of test for muscovite-type mica.

Keel: en
Alusdokumendid: ISO/DIS 3262-12; prEN ISO 3262-12
Asendab dokumenti: EVS-EN ISO 3262-12:2002

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN ISO 3262-22
Extenders - Specifications and methods of test - Part 22: Flux-calcined kieselguhr (ISO/DIS 3262-22:2023)

This document specifies requirements and corresponding methods of test for flux-calcined kieselguhr.

Keel: en
Alusdokumendid: ISO/DIS 3262-22; prEN ISO 3262-22
Asendab dokumenti: EVS-EN ISO 3262-22:2002

Arvamusküsitluse lõppkuupäev: 17.03.2023

91 EHITUSMATERJALID JA EHITUS

EN 13757-2:2018/prA1
Communication systems for meters - Part 2: Wired M-Bus communication

This draft European standard is applicable to the physical and link layer parameters of baseband communication over twisted pair (M Bus) for meter communication systems. It is especially applicable to thermal energy meters, heat cost allocators, water meters and gas meters. NOTE It is usable also for other meters (like electricity meters) and for sensors and actuators. For generic descriptions concerning communication systems for meters and remote reading of meters see EN 13757-1.

Keel: en
Alusdokumendid: EN 13757-2:2018/prA1

Muudab dokumenti: EVS-EN 13757-2:2018

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN 480-6
Admixtures for concrete, mortar and grout - Test methods - Part 6: Infrared analysis

This document specifies a method for identifying an admixture by infrared analysis (IR).

Keel: en
Alusdokumendid: prEN 480-6
Asendab dokumenti: EVS-EN 480-6:2005

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN 934-7
Admixtures for concrete, mortar and grout - Part 7: Shrinkage reducing admixtures - Definitions, requirements, conformity, marking and labelling

This document specifies definitions, characteristics and requirements for shrinkage reducing admixtures for use in concrete. It covers admixtures for plain, reinforced and prestressed concrete which are used in site mixed, ready mixed concrete and precast concrete. The performance requirements in this document apply to admixtures used in concrete of normal consistence. They may not be applicable to admixtures intended for other types of concrete such as semi dry and earth moist mixes. Provisions governing the practical application of admixtures in the production of concrete, i.e. requirements concerning composition, mixing, placing, curing etc. of concrete containing admixtures are not part of this document.

Keel: en
Alusdokumendid: prEN 934-7

Arvamusküsitluse lõppkuupäev: 17.03.2023

93 RAJATISED

prEN 13282-3
Hydraulic road binders - Part 3: Assessment and verification of constancy of performance

This document specifies the scheme for the assessment and verification of constancy of performance (AVCP) of hydraulic road binders, including certification of conformity of the factory production control. This document provides technical rules for factory production control, further testing of samples taken at the manufacturing plant (autocontrol testing), assessment of the performance of the hydraulic road binder, initial inspection of the manufacturing plant and of factory production control and continuing surveillance, assessment and evaluation of factory production control. This document is intended to be linked with the Annexes ZA of the European Standards covering hydraulic road binders, i.e. EN 13282-1 and EN 13282-2. NOTE The reason for having drafted this separate document is that the provisions it includes are applicable to different products covered by different European Standards.

Keel: en
Alusdokumendid: prEN 13282-3
Asendab dokumenti: EVS-EN 13282-3:2015

Arvamusküsitluse lõppkuupäev: 17.03.2023

97 OLME. MEELELAHUTUS. SPORT

prEN 15187
Furniture - Assessment of the effect of light exposure

This document specifies a method for the assessment of the effects of light in indoor conditions, by exposure to artificial radiation and applies to rigid surfaces of all finished products regardless of material. It does not apply to finishes on leather and fabrics. The test is intended to be carried out on a part of the finished furniture, but can be carried out on test panels of the same material, finished in an identical manner to the finished product, and of a size sufficient to meet the requirements of the test. The test should be carried out on unused surfaces or surfaces that were not affected by light. This document describes the most important parameters, such as the colour change when a surface is exposed and specifies the conditions to be used in the exposure apparatus. The light resistance of a surface can be assessed by using two apparatus as specified in Clause 4, one as a reference test method, and the other for in-company testing.

Keel: en
Alusdokumendid: prEN 15187
Asendab dokumenti: EVS-EN 15187:2006

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN IEC 60704-2-13:2023
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-13: Particular requirements for cooking fume extractors

This clause of IEC 60704-1:2021 is applicable except as follows: Addition: These particular requirements apply to cooking fume extractors for household and similar use intended for filtering the air of a room or for exhausting the air out of a room, including their accessories and their component parts. It also applies to cooking fume extractors where the fan is mounted separately from

the appliance inside or outside of the room where the appliance is located, but controlled by the appliance when the fan is defined in the technical documentation. This document deals also with down-draft systems that is arranged beside, behind or under the cooking appliance. Measurements according to this standard determines the noise emission into the room, from which cooking fumes are extracted. Noise emission to the outside (e.g. through air ducts) are not considered.

Keel: en
Alusdokumendid: 59K/364/CDV; prEN IEC 60704-2-13:2023
Asendab dokumenti: EVS-EN 60704-2-13:2017

Arvamusküsitluse lõppkuupäev: 17.03.2023

99 Muud

EN IEC 63356-1:2022/prA1:2023

Amendment 1 - LED light source characteristics - Part 1: Data sheets

Amemdment to EN IEC 63356-1:2022

Keel: en
Alusdokumendid: 34A/2319/CDV; EN IEC 63356-1:2022/prA1:2023
Muudab dokumenti: EVS-EN IEC 63356-1:2022

Arvamusküsitluse lõppkuupäev: 17.03.2023

prEN IEC 62933-5-3:2023

Electrical energy storage (EES) systems - Part 5-3: Safety requirements when performing unplanned modification of electrochemical based EES systems

This part of IEC 62933 applies to those instances when a BESS undergoes unplanned modifications. Such modifications can involve one or more of the following: – changes of a subsystem component using non-OEM parts, – changes to mode of operation, – changes of installation site, or – changes in an accumulation subsystem due to an installation of reused or repurposed batteries. Any such modification shall not impair the original state of safety of the BESS. This document complements IEC 62933-5-2, which relates to the overall safety aspects of a BESS. The requirements covered by this document are applied in addition to the requirements in IEC 62933-5-2 in accordance with each situation.

Keel: en
Alusdokumendid: 120/301/CDV; prEN IEC 62933-5-3:2023

Arvamusküsitluse lõppkuupäev: 17.03.2023

prHD 629.3 S1

Test requirements for accessories for use on power cables of rated voltage from 3,6/6(7,2) kV up to 20,8/36(42) kV Part 3: Transition joints between cables with impregnated paper insulation and cables with extruded insulation

This standard specifies performance requirements for type tests for transition joints for use between extruded insulated power cables as specified in HD 620 and impregnated paper insulated power cables as specified in HD 621 or other relevant standard. Once type test for an accessory is successfully completed, it is not necessary to repeat the test, unless changes are made in the materials, design or manufacturing process, which might affect the performance characteristics. Possible thermo-mechanical forces due to high current loads from for example renewable sources of power generation are not covered by these tests. Possible extra thermo-mechanical forces due to high current loads from renewable sources of power generation are not covered by these tests (under consideration). Accessories for special applications such as submarine cables, ships cables or hazardous situations (explosive environments, fire resistant cables or seismic conditions) are not included. Test methods are included in EN 61442:2005 and Annex E.

Keel: en
Alusdokumendid: prHD 629.3 S1
Asendab osaliselt dokumenti: EVS-HD 629.2 S2:2006
Asendab osaliselt dokumenti: EVS-HD 629.2 S2:2006/A1:2008

Arvamusküsitluse lõppkuupäev: 17.03.2023

TÕLKED KOMMENTEERIMISEL

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

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

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

EVS-EN 13084-9:2022

Konstruktiivselt iseseisvad korstnad. Osa 9: Kasutusaegne haldus. Järelevalve, ülevaatus, hooldus, parandus ja aruandlus: nõutavad tegevused ja meetmed

See dokument sisaldab kasutusaegse halduse üldnõudeid ja põhikriteeriumeid igat liiki konstruktiivselt iseseisvate korstende puhul, hõlmates järelevalvet, ülevaatust, hooldust, remonti, aruandlust ning vajalikke meetmeid ja protseduure. See dokument kehtib kõigile EN 13084 seeria alla kuuluvatele tuulekaitseseintele, ühekordsetele korstendele, tornidele, mastidele ja vooderdistele. Kasutusaegne haldus võtab arvesse konstruktiivselt iseseisvate korstende algupärast ehitus- ja tööprojekti töötingimustes ja muid meetmeid kinnitamaks, mehaaniline vastupidavus ja stabiilsus ning kasutusohutus on jätkuvalt kavandatud tasemel, nagu oli eeldatud ja/või kohandatud vastavalt muutustele struktuuri ja/või seda ümbritseva keskkonna käitamisele kehtestatud nõuetes. MÄRKUS EN 13084 seeria muudes osades tuuakse välja reeglid, mille kohaselt saab kasutada korstnatooteid vastavalt standardile EN 1443 (ja seotud tootestandarditele) konstruktiivselt iseseisvate korstende puhul.

Keel: et
Alusdokumendid: EN 13084-9:2022

Kommenteerimise lõppkuupäev: 15.02.2023

EVS-EN ISO 14015:2022

Keskkonnajuhtimine. Juhised keskkonnaalase nõuetekohase hoolsuse hindamiseks

Käesolevas dokumendis antakse juhiseid selle kohta, kuidas viia läbi keskkonnaalase nõuetekohase hoolsuse (KNH) hindamine keskkonnaaspektide, -küsimuste ja -tingimuste kindlakstegemise ning vajaduse korral nende äritegevuse tagajärgede kindlaksmääramise süstemaatilise protsessi kaudu. Käesolev dokument ei anna juhiseid muud liiki keskkonnamõju hindamise läbiviimiseks, näiteks: a) keskkonnaauditid; b) keskkonnamõju hindamine; c) keskkonnategevuse tulemuslikkuse, tõhususe või usaldusväärsuse hindamine; d) keskkonna süvauuringud ja saastekahjustuste kõrvaldamine.

Keel: et
Alusdokumendid: ISO 14015:2022; EN ISO 14015:2022

Kommenteerimise lõppkuupäev: 15.02.2023

EVS-EN ISO 14064-3:2019

Kasvuhoonegaasid. Osa 3: Kasvuhoonegaaside avalduse tõendamise ja valideerimise nõuded koos juhistega

Selles Eesti standardis kirjeldatakse põhimõtteid ja nõudeid ning antakse juhiseid kasvuhoonegaaside (KHG-de) avalduste tõendamiseks ja valideerimiseks. See on kohaldatav organisatsiooni, projekti ja toote KHG-de avaldustele. ISO 14060 standardite perekond on KHG-de programmist sõltumatu. Kui KHG-de programm on kohaldatav, siis on selle KHG-de programmi nõuded täienduseks ISO 14060 standardite perekonna nõuetele.

Keel: et
Alusdokumendid: ISO 14064-3:2019; EN ISO 14064-3:2019

Kommenteerimise lõppkuupäev: 15.02.2023

EVS-EN ISO 15189:2022

Meditsiinilaborid. Kvaliteedi ja kompetentsuse nõuded

See dokument määratleb kvaliteedi ja kompetentsuse nõuded meditsiinilaboritele. See dokument on kohaldatav meditsiinilaboritele, kui nad arendavad välja oma juhtimissüsteeme ja hindavad oma kompetentsust. Seda võivad meditsiinilaborite kompetentsuse kinnitamiseks või tunnustamiseks samuti kasutada labori kasutajad, valitsusasutused ja akrediteerimisasutused. Samuti on see dokument kohaldatav patsiendilähedastele uuringutele (POCT). MÄRKUS Selles dokumendis käsitletud spetsiifiliste teemade kohta võivad kehtida ka rahvusvahelised, riiklikud või piirkondlikud eeskirjad või nõuded.

Keel: et
Alusdokumendid: ISO 15189:2022; EN ISO 15189:2022

Kommenteerimise lõppkuupäev: 15.02.2023

prEVS-ISO 18091

Kvaliteedijuhtimissüsteemid. Juhised standardi ISO 9001 rakendamiseks kohalikus omavalitsuses

See standard spetsifitseerib nõuded kvaliteedijuhtimissüsteemile juhuks, kui organisatsioon: d) peab näitama oma suutlikkust pakkuda järjekindlalt tooteid ja teenuseid, mis vastavad kliendi ning kohaldatavatele seadusjärgsetele ja

normatiivsetele nõuetele, ning e) püüab suurendada kliendi rahulolu süsteemi mõjusa rakendamise kaudu, sh süsteemi parendamise protsessid ja kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele vastavuse tagamine. Kõik selle rahvusvahelise standardi nõuded on üldised ja on mõeldud kohaldamiseks mis tahes organisatsioonile selle tüübist, suurusest või tarnitavatest toodetest ja teenustest sõltumata. MÄRKUS 1 Selles rahvusvahelises standardis kasutatakse sõnu „toode“ ja „teenus“ ainult kliendile mõeldud või tema nõutud toote ja teenuse tähenduses. MÄRKUS 2 Seadusjärgsed ja normatiivsed nõuded võivad olla esitatud õigusaktide nõuetena. Käesolev dokument annab kohalikele omavalitsustele juhised ISO 9001:2015 nõuetele vastava kvaliteedijuhtimissüsteemi mõistmiseks ja elluviimiseks, et vastata oma klientide/kodanike ja kõigi teiste asjassepuutuvate huvipoolte vajadustele ja ootustele, pakkudes neile järjepidevalt tooteid ja teenuseid. See edendab kvaliteedijuhtimissüsteemi elluviimist vastutustundlikul ja aruandekohustuslikul viisil, kohaldades kõikehõlmavalt ISO 9001. Need juhised ei lisa, muuda ega teisenda ISO 9001 nõudeid. See on kohaldatav kõikidele kohaliku omavalitsuse protsessidele kõigil tasanditel (st strateegilisel, taktikalis-juhtimis- ja tegevustasandil), et moodustada terviklik kvaliteedijuhtimissüsteem, mis keskendub kohaliku omavalitsuse eesmärkide saavutamisele. Selle süsteemi terviklikkus on oluline tagamaks, et kõik kohaliku omavalitsuse valdkonnad oleksid kindlal tasemel usaldusväärsusega (st protsesside mõjusus). Lisa A kui lähtepunkt käesoleva dokumendi kasutajatele, annab kohalikele omavalitsustele diagnostilise metoodika oma protsesside, toodete ja teenuste käsitlusala ja küpsuse hindamiseks. Lisas B on esitatud protsessid, mis on vajalikud klientidele/kodanikele usaldusväärsete toodete ja teenuste pakkumiseks.

Keel: et
Alusdokumendid: ISO 18091:2019

Kommenteerimise lõppkuupäev: 15.02.2023

STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE ÜLEVAATUS

Algupärase Eesti standardi ülevaatus toimub üldjuhul iga viie aasta järel ning selle eesmärk on kontrollida standardi tehnilist taset, vastavust aja nõuetele, vastavust kehtivatele õigusaktidele, kooskõla rahvusvaheliste või Euroopa standarditega jne.

Ülevaatuse tulemusena jäetakse standard kehtima, algatatakse standardi muudatuse või uustöötluse koostamine, tühistatakse standard või asendatakse see ülevõetava Euroopa või rahvusvahelise standardiga.

PIKENDAMISKÜSITLUS

EVS 920-4:2013

Katuseehitusreeglid. Osa 4: Kivikatused
Requirements for roof building. Part 4: Rooftile roofs

Selles Eesti standardis käsitletakse kivikatuste ehitusreegleid. Need eriala reeglid kehtivad keraamilistest katusekividest ja betoonkatusekividest katusekatete kavandamisel ja ehitamisel. Vastavalt nendele erialareeglitele kavandatakse ja ehitatakse katusekonstruktsioonid sademekindlana. Need erialareeglid on kooskõlas katuseehituse üldreeglitega standardis EVS 920-1. Erialareeglites on arvestatud tootjate paigaldusjuhistega.

Pikendamisküsitluse lõppkuupäev: 15.02.2023

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 929:2016

Tarkvõrk. Terminoloogia
Smart grid. Terminology

Dokument esitab tarkvõrgu põhimõtete ja komponentide kirjeldamisel kasutatavad terminid ja määratlused, mis on olulised tarkvõrku liidetavate intelligentsete elektronseadmete struktureeritud andmemudelite koostamisel, tüüpiliste rakenduste funktsionaalse arhitektuuri täiustamisel, juhtimissüsteemide vahelisel kooskõlastatud infovahetusel ning põhilistes rollides toimivate tarkvõrgu subjektide omavahelisel suhtlemisel.

Kehtima jätmise alus: EVS/TK 58 otsus 01.12.2022 2-5/39 ja teade pikendamisküsitlusest 15.12.2022 EVS Teatajas

EVS 936:2017

Hajusallikate heitkoguste mõõtmine. Tööstusrajatistest, sealhulgas põllumajanduslikest allikatest pärit peenosakeste hajusheitmete kvantifitseerimine
Determination of diffusive emissions by measurements. Quantification of diffusive emissions of fine dust from industrial plants including agricultural sources

Selles standardis käsitletakse tööstusrajatistest, sealhulgas põllumajanduslikest allikatest pärineva peenosakeste hajussaaste nagu PM10 ja PM2,5 metroloogilise määramise ja kvantifitseerimise meetodeid. Seega täiendab ja täpsustab see standard EVS 892 käsitletud teemasid, mis puudutavad hajussaaste määramise aluspõhimõtteid. Selles esitatakse meetodid allika tuvastamiseks ja eri lähenemised vastavate hajussaasteallikate heitkoguste kindlaksmääramiseks. Selles standardis määratletuna hõlmavad hajussaasteallikad tööstusrajatisi, mis vabastavad mitteeraldatud allikatest tolmuheitmeid, mis tekivad rajatise heitõhku näiteks tootmisprotsessi käigus või tolmavate materjalide ümberlaadimisel ja transpordil. Ka põllumajanduslikud allikad võivad osakeste hajusheitmeid tekitada. Need võivad olla nii suured loomakasvatushooned kui ka haritavad põllud. See standard hõlmab ka tolmus sisalduvate ainete uurimist. Seda saab otseste meetodite kasutamisel rakendada ka bioaerosoolidele. MÄRKUS Osakeste alla kuuluvad või osakeste külge seotuna esinevad ka bakterid ja hallitusseened.

Kehtima jätmise alus: EVS/TK 28 otsus 01.12.2022 2-5/38 ja teade pikendamisküsitlusest 15.12.2022 EVS Teatajas

TEADE EUROOPA STANDARDI OLEMASOLUST

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

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

EN 15437-1:2009+A1:2022

Raudteealased rakendused. Teljelaagripukside seisundi jälgimine. Ühilduvus ja projekteerimisnõuded. Osa 1: Veeremi teljelaagrite ülekuumenemise avastamise seadmed ja veeremi teljelaagripuks

Railway applications - Axlebox condition monitoring - Interface and design requirements - Part 1: Track side equipment and rolling stock axlebox

Eeldatav avaldamise aeg Eesti standardina 03.2023

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

CEN/TR 17741:2021

Juhend standardi EN ISO 29481-1 „Ehitusinformatsiooni mudelid. Informatsiooni edastamise käsiraamat. Osa 1: Metoodika ja vorming“ mõistmiseks ja kasutamiseks
Guidance for understanding and utilize EN/ISO 29481-1 Building information models - Information delivery manual - Part 1: Methodology and format

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

EVS-EN 10025-4:2019+A1:2023

Konstruktsiooniterasest kuumvaltsitud tooted. Osa 4: Termomehaaniliselt valtsitud keevitatavate peenterateraste tehnilised tarnetingimused
Hot rolled products of structural steels - Part 4: Technical delivery conditions for thermomechanical rolled weldable fine grain structural steels

See dokument spetsifitseerib keevitatavast peenteralisest kuumvaltsitud, termomehaaniliselt valtsitud konstruktsiooniterasest leht- ja pikkade toodete tehnilised tarneseisundid tabelites 1 kuni 3 (keemiline koostis) ja 4 kuni 6 (mehaanilised omadused) antud teraseklassidele ja kvaliteetidele, paksustel ≤ 150 mm. Selles dokumendis spetsifitseeritud terased on spetsiifiliselt ette nähtud kasutamiseks keevitatud konstruktsioonide eriti tugevalt koormatud osades, nagu sillad, lüüsiväravad, reservuaarid, veepaagid jne, keskkonnatemperatuuride ja madalate temperatuuride tingimustes.

EVS-EN 13888-1:2022

Keraamiliste plaatide vuugisegud. Osa 1: Nõuded, klassifikatsioon, tähistamine, märgistamine ja sildistamine
Grouts for ceramic tiles - Part 1: Requirements, classification, designation, marking and labelling

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

EVS-EN ISO 19650-4:2022

Hoonete ja tsiviilehitustöödega seotud informatsiooni organiseerimine ja digitaliseerimine, sealhulgas ehitusinformatsiooni modelleerimine (BIM). Infohaldus ehitusinformatsiooni modelleerimist kasutades. Osa 4: Infovahetus
Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 4: Information exchange (ISO 19650-4:2022)

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

EVS-ISO 10017:2023

Kvaliteedijuhtimine. Juhised standardi ISO 9001:2015 statistiliste meetodite kasutamiseks
Quality management - Guidance on statistical techniques for ISO 9001:2015 (ISO 10017:2021, identical)

See dokument annab juhised sobivate statistiliste meetodite valikuks, mis võivad olla kasulikud organisatsioonidele, sõltumata suurusest või keerukusest, standardile ISO 9001:2015 vastavate kvaliteedijuhtimissüsteemide arendamisel, rakendamisel, toimivana hoidmisel ja parendamisel. See dokument ei anna juhiseid statistiliste meetodite kasutamiseks.

EVS-ISO 21504:2023

Projekti-, programmi- ja portfellijuhtimine. Portfellijuhtimise juhised
Project, programme and portfolio management — Guidance on portfolio management (ISO 21504:2022, identical)

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

ISO/TR 14121-2:2012 et

Masinaohutus. Riskihindamine. Osa 2: Praktilised juhised ja meetodite näited
Safety of machinery -- Risk assessment -- Part 2: Practical guidance and examples of methods (ISO/TR 14121-2:2012)

Selles tehnilises aruandes antakse praktilisi juhiseid masinate riskihindamise läbiviimiseks ISO 12100 kohaselt ning kirjeldatakse riskihindamise protsessi igal etapil rakendatavaid eri meetodeid ja vahendeid. Selles tuuakse näiteid eri meetmete kohta, mida saab kasutada riski vähendamiseks, ning see on mõeldud kasutamiseks mitmesuguste masinate riskihindamiseks, arvestades nende keerukust ja võimalikku kahju. Selle sihtrühm on masinate projekteerimise, paigaldamise või modifitseerimisega seotud isikud (näiteks projekteerijad, tehnikud või ohutusspetsialistid). Lisas A on esitatud konkreetne näide riskihindamise ja riskide vähendamise protsessi kohta.

STANDARDIPEALKIRJADE MUUTMINE

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

UUED EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
CEN/TR 17741:2021	Guidance for understanding and utilize EN/ISO 29481-1 Building information models - Information delivery manual - Part 1: Methodology and format	Juhend standardi EN ISO 29481-1 „Ehitusinformatsiooni mudelid. Informatsiooni edastamise käsiraamat. Osa 1: Metoodika ja vorming“ mõistmiseks ja kasutamiseks
EVS-EN 13888-1:2022	Grouts for ceramic tiles - Part 1: Requirements, classification, designation, marking and labelling	Keraamiliste plaatide vuugisegud. Osa 1: Nõuded, klassifikatsioon, tähistamine, märgistamine ja sildistamine
EVS-EN ISO 19650-4:2022	Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 4: Information exchange (ISO 19650-4:2022)	Hoonete ja tsiviilehitustöödega seotud informatsiooni organiseerimine ja digitaliseerimine, sealhulgas ehitusinformatsiooni modelleerimine (BIM). Infohaldus ehitusinformatsiooni modelleerimist kasutades. Osa 4: Infovahetus

UUED HARMONEERITUD STANDARDID

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

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

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

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

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

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

Info esitatakse vastavate õigusaktide kaupa.

Direktiiv 2006/42/EÜ
Masinad

(Komisjoni rakendusotsus (EL) 2023/69, rakendusotsuse 2019/436 muudatus, EL Teataja, L 007, 10. jaanuar 2023)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN 15194:2017 Jalgrattad. Elektrilise abimootoriga jalgrattad. EPAC-jalgrattad Märkus 1: Harmoneeritud standard EN 15194:2017 ei anna alust eeldada vastavust direktiivi 2006/42/EÜ I lisa punktides 1.5.5, 1.5.6 ja 1.5.7 sätestatud olulistele tervisekaitse- ja ohutusnõuetele, mille kohaselt peab masin olema projekteeritud ja valmistatud nii, et see võtaks arvesse äärmuslike temperatuuride, tule ja plahvatusega seotud riske. Märkus 2: Harmoneeritud standard EN 15194:2017 ei anna alust eeldada vastavust direktiivi 2006/42/EÜ I lisa punktides 1.5.9 ja 3.6.3.1 sätestatud olulistele tervisekaitse- ja ohutusnõuetele, mille kohaselt nõutakse, et masin peab olema projekteeritud ja valmistatud vibratsioonist tulenevate riskide arvessevõtmiseks ning et masinad peavad olema varustatud masina poolt masina kasutajale ülekanduva vibratsiooni mõõtmisega.	19.03.2019		

Direktiiv 2014/35/EL
Madalpinge

(Komisjoni rakendusotsus (EL) 2023/98, rakendusotsuse 2019/1956 muudatus, EL Teataja, L 008, 11. jaanuar 2023)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN 61347-2-7:2012/A2:2022 Lampide juhtimisseadised. Osa 2-7: Erinõuded alalisvoolutoitega elektron-liiteseadistele hädavalgustuseks	11.01.2023		

EVS-EN IEC 60598-1:2021 Valgustid. Osa 1: Üldnõuded ja katsetused	11.01.2023	EN 60598-1:2015; EN 60598-1:2015/A1:2018; EN 60598-1:2015/AC:2015; EN 60598-1:2015/AC:2016; EN 60598-1:2015/AC:2017-05	11.07.2024
EVS-EN IEC 60598-1:2021/A11:2022 Valgustid. Osa 1: Üldnõuded ja katsetused	11.01.2023		
EVS-EN IEC 60598-1:2021+A11:2022 Valgustid. Osa 1: Üldnõuded ja katsetused	11.01.2023		
EVS-EN IEC 60598-2-22:2022 Valgustid. Osa 2-22: Erinõuded. Valgustid hädavalgustuseks	11.01.2023	EN 60598-2-22:2014; EN 60598-2-22/AC:2015; EN 60598-2-22:2014/AC:2016-05; EN 60598-2-22:2014/AC:2016-09; EN 60598-2-22:2014/A1:2020	11.07.2024
EVS-EN IEC 61010-2-012:2022 Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-012: Erinõuded kliima- ja keskkonnaalastele katsetusseadmetele ja muudele temperatuuri konditsioneerimise seadmetele	11.01.2023		
EVS-EN IEC 61010-2-012:2022/A11:2022 Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-012: Erinõuded kliima- ja keskkonnaalastele katsetusseadmetele ja muudele temperatuuri konditsioneerimise seadmetele	11.01.2023		
EVS-EN IEC 61010-2-012:2022+A11:2022 Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 2-012: Erinõuded kliima- ja keskkonnaalastele katsetusseadmetele ja muudele temperatuuri konditsioneerimise seadmetele			
EVS-EN IEC 61557-12:2022 Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 12: Talitluse mõõte- ja seireseadmed	11.01.2023	EN 61557-12:2008	11.07.2024