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Uued Eesti standardid

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Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 1083-1:2024

Power-driven brushes - Part 1: Definitions and nomenclature

This document defines terms which are used to describe power-driven brushes and strip brushes and describes the designation system. This document does not cover brushes for car wash sites, vacuum cleaners, carpet cleaning machines, sewer and street cleaning machines, dental brushes, brushes for sealing and stripping.

Keel: en
Alusdokumendid: EN 1083-1:2024
Asendab dokumenti: EVS-EN 1083-1:1999

EVS-EN ISO 7010:2020/A7:2024

Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 7 (ISO 7010:2019/Amd 7:2023)

Amendment to EN ISO 7010:2020

Keel: en
Alusdokumendid: ISO 7010:2019/Amd 7:2023; EN ISO 7010:2020/A7:2024
Muudab dokumenti: EVS-EN ISO 7010:2020
Muudab dokumenti: EVS-EN ISO 7010:2020+A1:2020
Muudab dokumenti: EVS-EN ISO 7010:2020+A1+A2+A3:2022
Muudab dokumenti: EVS-EN ISO 7010:2020+A1+A2+A3+A4+A5+A6:2023

EVS-EN ISO 7010:2020/A8:2024

Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 8 (ISO 7010:2019/Amd 8:2024)

Amendment to EN ISO 7010:2020

Keel: en
Alusdokumendid: EN ISO 7010:2020/A8:2024; ISO 7010:2019/Amd 8:2024
Muudab dokumenti: EVS-EN ISO 7010:2020
Muudab dokumenti: EVS-EN ISO 7010:2020+A1:2020
Muudab dokumenti: EVS-EN ISO 7010:2020+A1+A2+A3:2022
Muudab dokumenti: EVS-EN ISO 7010:2020+A1+A2+A3+A4+A5+A6:2023

EVS-EN ISO 7010:2020+A1+A2+A3+A4+A5+A6+A7+A8:2024

Graphical symbols - Safety colours and safety signs - Registered safety signs (ISO 7010:2019, Corrected version 2020-06 + ISO 7010:2019/Amd 1:2020 + ISO 7010:2019/Amd 2:2020 + ISO 7010:2019/Amd 3:2021 + ISO 7010:2019/Amd 4:2021 + ISO 7010:2019/Amd 5:2022 + ISO 7010:2019/Amd 6:2022+ ISO 7010:2019/Amd 7:2023 + ISO 7010:2019/Amd 8:2024)

This document prescribes safety signs for the purposes of accident prevention, fire protection, health hazard information and emergency evacuation. The shape and colour of each safety sign are according to ISO 3864 1 and the design of the graphical symbols is according to ISO 3864 3. This document is applicable to all locations where safety issues related to people need to be addressed. However, it is not applicable to the signalling used for guiding rail, road, river, maritime and air traffic and, in general, to those sectors subject to a regulation which may differ with regard to certain points of this document and of the ISO 3864 series. This document specifies the safety sign originals that can be scaled for reproduction and application purposes.

Keel: en
Alusdokumendid: ISO 7010:2019; EN ISO 7010:2020; ISO 7010:2019/Amd 1:2020; EN ISO 7010:2020/A1:2020; ISO 7010:2019/Amd 2:2020; EN ISO 7010:2020/A2:2022; ISO 7010:2019/Amd 3:2021; EN ISO 7010:2020/A3:2022; ISO 7010:2019/Amd 4:2021; EN ISO 7010:2020/A4:2023; ISO 7010:2019/Amd 5:2022; EN ISO 7010:2020/A5:2023; ISO 7010:2019/Amd 6:2022; EN ISO 7010:2020/A6:2023; ISO 7010:2019/Amd 7:2023; EN ISO 7010:2020/A7:2024; ISO 7010:2019/Amd 8:2024; EN ISO 7010:2020/A8:2024
Konsolideerib dokumenti: EVS-EN ISO 7010:2020
Konsolideerib dokumenti: EVS-EN ISO 7010:2020/A1:2020
Konsolideerib dokumenti: EVS-EN ISO 7010:2020/A2:2022
Konsolideerib dokumenti: EVS-EN ISO 7010:2020/A3:2022
Konsolideerib dokumenti: EVS-EN ISO 7010:2020/A4:2023
Konsolideerib dokumenti: EVS-EN ISO 7010:2020/A5:2023
Konsolideerib dokumenti: EVS-EN ISO 7010:2020/A6:2023
Konsolideerib dokumenti: EVS-EN ISO 7010:2020/A7:2024
Konsolideerib dokumenti: EVS-EN ISO 7010:2020/A8:2024
Konsolideerib dokumenti: EVS-EN ISO 7010:2020+A1:2020
Konsolideerib dokumenti: EVS-EN ISO 7010:2020+A1+A2+A3:2022
Konsolideerib dokumenti: EVS-EN ISO 7010:2020+A1+A2+A3+A4+A5+A6:2023

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

CEN/CLC/TR 17894:2024

Artificial Intelligence - Artificial Intelligence Conformity Assessment

This document sets out a review of the current methods and practices (including tools, assets, and conditions of acceptability) for conformity assessment in respect to, among others, products, services, processes, management systems, organizations, or persons, as relevant for the development and use of AI systems. It includes an industry horizontal (vertical agnostic) perspective as well as an industry vertical perspective. This document focuses only on the process of assessment and gap analysis of conformity. It defines the objects of conformity related to AI systems and all other related aspects of the process of conformity assessment. The document also reviews to what extent AI poses specific challenges with respect to assessment of, for example, software engineering, data quality and engineering processes. This document takes into account requirements and orientations from policy frameworks such as the EU AI strategy and those from CEN and CENELEC member countries. This document is intended for technologists, standards bodies, regulators and interested parties.

Keel: en
Alusdokumendid: CEN/CLC/TR 17894:2024

EVS 875-13:2024

Vara hindamine. Osa 13: Keskkonnakvaliteedi ning keskkonna-, kliima- ja ESG-riskide arvestamine kinnisvara hindamisel
Property valuation - Part 13: Consideration of environmental quality and environmental, climate and ESG-related risks in property valuation

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusalad on vara hindamise ja hinnangute kasutamisega seotud tegevused, eelkõige laenutagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See standard käsitleb hindamise põhimõtteid keskkonnakvaliteedi ning keskkonna-, kliima- ja ESG-riskide kontekstis, kusjuures võrreldes seni kehtinud standardiga on kaasajastatud keskonnakvaliteedi ja -riskidega seonduvat ning lisaks on antud juhiseid kliima- ja ESG-riskide arvestamiseks kinnisvara hindamisel. Tegemist on standardi EVS 875-13:2016 „Keskkonnakvaliteedi, maakasutuse piirangute ja looduskaitse arvestamine kinnisvara hindamisel“ uustöötlusega

Keel: et
Asendab dokumenti: EVS 875-13:2016

EVS-EN ISO 17573-3:2024

Electronic fee collection - System architecture for vehicle-related tolling - Part 3: Data dictionary (ISO 17573-3:2024)

This document specifies the syntax and semantics of data objects in the field of electronic fee collection (EFC). The definitions of data types and assignment of semantics are provided in accordance with the abstract syntax notation one (ASN.1) technique, as specified in ISO/IEC 8824-1. This document defines: — ASN.1 (data) types within the field of EFC; — ASN.1 (data) types of a more general use that are used more specifically in standards related to EFC. This document does not seek to define ASN.1 (data) types that are primarily related to other fields that operate in conjunction with EFC, such as cooperative intelligent transport systems (C-ITS), the financial sector, etc.

Keel: en
Alusdokumendid: ISO 17573-3:2024; EN ISO 17573-3:2024
Asendab dokumenti: EVS-EN ISO 17573-3:2023

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN 18033:2024

Food authenticity - Quantitation of equine DNA relative to mammalian DNA in raw beef (meat)

This document specifies a real-time PCR procedure for the quantitation of the amount of equine DNA relative to total mammalian DNA in a raw meat sample. Results of this equine assay are expressed in terms of equine (Equus genus) haploid genome copy numbers relative to total mammalian haploid genome copy numbers. This assay is specific for representatives of the genus Equus and therefore detects horse, mule, donkey and zebra DNA. The method has been previously validated in a collaborative study and applied to DNA extracted from samples that consist of raw horse meat in a raw beef (meat) background. The limit of detection has been determined experimentally to be at least 17 horse haploid genome equivalents (HGE) for both the equine PCR and the mammalian PCR based on the lowest dilution on the respective calibration curves through single laboratory validation. The lowest relative horse content of the target sequence included in the collaborative study was a mass fraction of 0,1 % based on gravimetrically prepared raw horse muscle tissue in a raw beef muscle tissue background. The compliance assessment process is not part of this document.

Keel: en
Alusdokumendid: EN 18033:2024

11 TERVISEHOOLDUS

EVS-EN 17122:2019+A1:2024

Chemical disinfectants and antiseptics - Quantitative non-porous surface test for the evaluation of virucidal activity of chemical disinfectants and antiseptics used in the veterinary area - Test method and requirements - Phase2, step2

This European Standard specifies a test method and the minimum requirements for virucidal 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, veterinary care facilities, 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 Using this European Standard, it is possible to determine the virucidal activity of the undiluted product. NOTE 4 This standard uses Porcine Parvovirus because Bovine Enterovirus Type 1 (ECBO) virus used in the suspension test EN 14675 cannot be used for surface testing because of its loss of titre during drying. Porcine Parvovirus has comparable resistance to ECBO virus.

Keel: en
Alusdokumendid: EN 17122:2019+A1:2024
Asendab dokumenti: EVS-EN 17122:2019

EVS-EN IEC 60601-2-34:2024

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

IEC 60601-2-34:2024 applies to BASIC SAFETY and ESSENTIAL PERFORMANCE of INVASIVE BLOOD PRESSURE MONITORING EQUIPMENT as defined in 201.3.63, hereinafter also referred to as ME EQUIPMENT. This document applies to INVASIVE BLOOD PRESSURE MONITORING EQUIPMENT intended for use in professional healthcare facilities and in the EMERGENCY MEDICAL SERVICE ENVIRONMENT. This document does not apply to catheter tubing, catheter needles, Luer locks, taps and tap tables that connect to the DOME. This document does not apply to non-invasive blood pressure monitoring equipment. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as follows: The clause or subclause applies to ME EQUIPMENT, as default and, only if the corresponding safety measure or function is not completely integrated into the ME EQUIPMENT but implemented as part of an ME SYSTEM, the clause or subclause applies to the ME SYSTEM. IEC 60601-2-34:2024 cancels and replaces the third edition of IEC 60601-2-34 published in 2011 and constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) revision to align with IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012 and IEC 60601-1:2005/AMD2:2020, as well as new versions of collateral standards and amendments thereto; b) expansion of the scope to the emergency medical service environment; c) changed essential performance in Table 201.101; d) changed requirement for ingress protection; e) added primary operating functions; f) deleted Annex BB Alarm diagrams.

Keel: en
Alusdokumendid: IEC 60601-2-34:2024; EN IEC 60601-2-34:2024
Asendab dokumenti: EVS-EN 60601-2-34:2014

EVS-EN ISO 14630:2024

Mitteaktiivsed kirurgilised implantaadid. Üldnõuded
Non-active surgical implants - General requirements (ISO 14630:2024)

This document specifies general requirements for non-active surgical implants, hereafter referred to as implants. This document is not applicable to dental implants, dental restorative materials, transendodontic and transradicular implants, intra-ocular lenses and implants utilizing viable animal or human tissue. With regard to safety, this document specifies requirements for intended performance, design attributes, materials, design evaluation, manufacture, sterilization, packaging and information supplied by the manufacturer, and tests to demonstrate compliance with these requirements. Additional requirements applicable to specific implants or implant families are given or referred to in Level 2 and Level 3 standards. NOTE 1 This document does not require that the manufacturer have a quality management system in place. However, many regulatory authorities require the application of a quality management system, such as that described in ISO 13485, to ensure that the implant achieves its intended performance and safety. NOTE 2 In this document, when not otherwise specified, the term "implant" refers to each individual component of a system or a modular implant, provided separately or as a set of components, as well as to all ancillary implants or associated implants designed for improving the intended performance.

Keel: en
Alusdokumendid: ISO 14630:2024; EN ISO 14630:2024
Asendab dokumenti: EVS-EN ISO 14630:2012

EVS-EN ISO 15004-2:2024

Ophthalmic instruments - Fundamental requirements and test methods - Part 2: Light hazard protection (ISO 15004-2:2024)

This document specifies fundamental requirements for optical radiation safety for ophthalmic instruments and is applicable to all ophthalmic instruments that direct optical radiation into or at the eye. It is also applicable to all new and emerging ophthalmic instruments that direct optical radiation into or at the eye, as well as to those portions of therapeutic or surgical systems that direct optical radiation into or at the eye for diagnostic, illumination, measurement, imaging or alignment purposes. NOTE For the

purpose of this document, optical radiation relates to the wavelength range of 250 nm to 2 500 nm. This document does not apply to therapeutic radiation. However, in the case of the treatment beams of therapeutic devices, when conducting risk assessments for non-target tissues, the limits given in this document may be applied to those parts of the treatment beam that strike non-target tissue. Where vertical (instrument-specific) International Standards contain specific light hazard requirements different from those given in ISO 15004-2, then those in the vertical International Standard take precedence. This document classifies ophthalmic instruments into either Group 1 or Group 2 to distinguish instruments that are non-hazardous from those that are potentially hazardous.

Keel: en
Alusdokumendid: ISO 15004-2:2024; EN ISO 15004-2:2024
Asendab dokumenti: EVS-EN ISO 15004-2:2007

EVS-EN ISO 5649:2024

Medical laboratories - Concepts and specifications for the design, development, implementation, and use of laboratory-developed tests (ISO 5649:2024)

This document establishes requirements for assuring quality, safety, performance and documentation of laboratory-developed tests (LDTs) as per their intended use for the diagnosis, prognosis, monitoring, prevention or treatment of medical conditions. It outlines the general principles and assessment criteria by which an LDT shall be designed, developed, characterized, manufactured, validated (analytically and clinically) and monitored for internal use by medical laboratories. The scope includes regulatory authority approved IVD medical devices that are used in a manner differing from approved labelling or instructions for use for that device (e.g. use of a sample type not included in the intended use, use of instruments or reagents not included in the labelling). While this document follows a current best practice and state-of-the art approach, it does not provide specific details on how to achieve these requirements within specific disciplines of the medical laboratory nor specific technology platforms. This document does not specify requirements for examination procedures developed by research or academic laboratories developing and using testing systems for non-IVD purposes. However, the concepts presented in this document can also be useful for these laboratories. This document does not apply to the design, development and industrial production of commercially used IVD medical devices.

Keel: en
Alusdokumendid: ISO 5649:2024; EN ISO 5649:2024

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TS 18116:2024

Thermoplastics pipes and fittings - Design for recycling guidelines

This document specifies design for recycling guidelines for thermoplastics pipes and fittings, used as construction products or used for water supply to irrigation systems. NOTE 1 Components used in irrigation systems such as flexibles and drip lines are not part of this document. NOTE 2 Pipes and fittings used for cable management are not part of this document. NOTE 3 Packaging of pipes and fittings is not part of this document. The guidelines in this document are developed to facilitate mechanical recycling. NOTE 4 The guidelines could also be beneficial for chemical recycling. Thermoplastics pipes and fittings are considered to be those, where the total volume of the thermoplastic compound/formulation exceeds 50 %. This document can also be used for other thermoplastics products used in a piping system such as manholes, inspection chambers, infiltration boxes and valves.

Keel: en
Alusdokumendid: CEN/TS 18116:2024

EVS-EN 12845-2:2024

Fixed firefighting systems - Automatic sprinkler systems - Part 2: Design and installation of ESFR and CMSA sprinkler systems

This document specifies requirements for the design and installation of early suppression fast response (ESFR) and control mode specific application (CMSA) sprinklers in automatic sprinkler systems, in accordance with this standard and additionally the EN 12845 series of standards. This document does not cover all legislative requirements. NOTE In certain countries, specific national regulations can apply. Attention is drawn to the applicability or non-applicability for this document as specified by national responsible authorities.

Keel: en
Alusdokumendid: EN 12845-2:2024

EVS-EN 14025:2023/AC:2024

Tanks for the transport of dangerous goods - Metallic pressure tanks - Design and construction

Corrigendum to EN 14025:2023

Keel: en
Alusdokumendid: EN 14025:2023/AC:2024
Parandab dokumenti: EVS-EN 14025:2023

EVS-EN 14211:2024

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

This document specifies a continuous measurement method for the determination of the concentrations of nitrogen dioxide and nitrogen monoxide present in ambient air based on the chemiluminescence measuring principle. This document describes the performance characteristics and sets the relevant minimum criteria required to select an appropriate chemiluminescence analyser by means of type testing. It also includes the evaluation of the suitability of an analyser for use in a specific fixed site so as to meet the data quality requirements as specified in Annex I of Directive 2008/50/EC [1] and requirements during sampling, calibration and quality assurance for use. The method is applicable to the determination of the concentration of nitrogen dioxide present in ambient air up to 500 µg/m3. This concentration range represents the certification range for nitrogen dioxide for type testing. The method is applicable to the determination of the concentration of nitrogen monoxide present in ambient air up to 1 200 µg/m3. This concentration range represents the certification range for nitrogen monoxide for the type testing. NOTE 1 It is possible to use other ranges depending on the levels present in ambient air. NOTE 2 When this document is used for purposes other than for measurements required by Directive2008/50/EC, the ranges and uncertainty requirements possibly do not apply. The method covers the determination of ambient air concentrations of nitrogen dioxide and nitrogen monoxide in zones classified as rural areas, urban-background areas, traffic-orientated locations and locations influenced by industrial sources. The results are expressed in µg/m3 (at 20 °C and 101,3 kPa). NOTE 3 500 µg/m3 of nitrogen dioxide corresponds to 261 nmol/mol of nitrogen dioxide at 20 °C and 101,3 kPa. 1 200 µg/m3 of nitrogen monoxide corresponds to 962 nmol/mol of nitrogen monoxide at 20 °C and 101,3 kPa. This document contains information for different groups of users. Clause 5 to Clause 7 and Annex B and Annex C contain general information about the principles of NOx measurement by chemiluminescence analyser and sampling equipment. Clause 8 and Annex E are specifically directed towards test houses and laboratories that perform type testing of NOx analysers. These sections contain information about: — type testing conditions, test procedures and test requirements; — analyser performance requirements; — evaluation of the type testing results; — evaluation of the uncertainty of the measurement results of the NOx analyser based on the type testing results. Clause 9 to Clause 11 and Annex F and Annex G are directed towards monitoring networks performing the practical measurements of NOx in ambient air. These sections contain information about: — initial installation of the analyser in the monitoring network and acceptance testing; — ongoing quality assurance/quality control; — calculation and reporting of measurement results; — evaluation of the uncertainty of measurement results under practical monitoring conditions. This document represents an evolution of earlier editions (EN 14211:2005 and EN 14211:2012). It is advisable that when equipment is procured it complies fully with this document. NOTE 4 Type testing performed prior to the publication of this document for the purpose of demonstrating equivalence are still valid. NOTE 5 Analysers type tested prior to the publication of this document remain valid for use for regulated monitoring purposes.

Keel: en
Alusdokumendid: EN 14211:2024
Asendab dokumenti: EVS-EN 14211:2012

EVS-EN 14212:2024

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

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

Keel: en
Alusdokumendid: EN 14212:2024
Asendab dokumenti: EVS-EN 14212:2012
Asendab dokumenti: EVS-EN 14212:2012/AC:2014

EVS-EN 14625:2024

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

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

Keel: en
Alusdokumendid: EN 14625:2024
Asendab dokumenti: EVS-EN 14625:2012

EVS-EN 14626:2024

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

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

Keel: en
Alusdokumendid: EN 14626:2024
Asendab dokumenti: EVS-EN 14626:2012

EVS-EN 14750:2024

Railway applications - Air conditioning for urban, suburban and regional rolling stock: Comfort parameters and type tests

This document establishes thermal comfort parameters for areas accessible to passengers and staff on railway vehicles. This document also specifies conditions, performance values and the comfort parameter validation methods. This document is applicable to urban (metro, tramway), suburban and/or regional vehicles equipped with cooling and/or heating/ventilation systems. This document does not apply to main line vehicles and driver's cabs which are considered in separate Standards.

Keel: en
Alusdokumendid: EN 14750:2024
Asendab dokumenti: EVS-EN 14750-1:2006
Asendab dokumenti: EVS-EN 14750-2:2006

EVS-EN 17188:2024

Materials obtained from End-of-Life Tyres (ELT) - Sampling method for granulates and powders stored in big-bags and small-bags

This document specifies methods for obtaining a sample of rubber granulates or powders derived from end-of-life tyres which have been stored in big-bags and small-bags. Sample increments at different levels within the bag are obtained, which represent the average particle size distribution within the bag. From these sample increments, a representative sample is derived. The methods specified in this document are applicable, for example, when the samples are to be tested for e.g. bulk density, durability, particle size distribution, moisture content, ash content, ash melting behaviour, calorific value, chemical composition, impurities.

Keel: en
Alusdokumendid: EN 17188:2024
Asendab dokumenti: CEN/TS 17188:2018

EVS-EN 17189:2024

Materials obtained from End-of-Life Tyres (ELT) - Determination of the true density of granulates and powders - Method based on water pycnometry

This document specifies methods and test protocols used to determine the true density of granulates and powders produced from ELTs, based on water pycnometry. This document is applicable for powders and granulates below 12 mm.

Keel: en
Alusdokumendid: EN 17189:2024
Asendab dokumenti: CEN/TS 17189:2018

EVS-EN 17451:2024

Fixed firefighting systems - Automatic sprinkler systems - Design, assembly, installation and commissioning of pump sets

This document specifies design, assembly, installation and commissioning requirements for pump sets for use in sprinkler systems conforming to EN 12845:2015+A1:2019. Where applicable, this document can also be used for pump sets for other water based fixed firefighting systems.

Keel: en
Alusdokumendid: EN 17451:2024

EVS-EN 17487:2024

Kaitseriietus. Puugihammustuste eest kaitsvad permetriiniga töödeldud esemetega rõivad Protective clothing - Garments with permethrin as-treated articles supporting the protection against tick bites

This document specifies requirements for garments that support the protection against tick bites. The document applies to body covering garments (at least covering the torso, arms and legs) where protection against tick bites, which is provided by garments as physical barriers, is reinforced by industrial treatment with the biocide permethrin of the fabrics, fibres or yarns prior to confection. The specified requirements focus on prevention of bites by the nymph stage of the tick Ixodes ricinus, which is the most relevant stage and species for public and occupational health in Europe. This document specifies requirements and the tests for garments containing permethrin to provide sufficient assistance in protection against tick bites, and to be durable and safe for the user. NOTE 1 Non-permethrin containing garments covering the torso, arms and legs and feet offer some protection against tick bites, but are insufficient under high exposure to ticks, which can crawl over the fabric to reach bare skin and bite. Garments that comply with this document and cover at least torso, arms and legs to counter ticks from crawling over the fabric to reach bare skin and bite thereby provide substantial protection. NOTE 2 The importance of following manufacturers laundering instructions to prevent early deterioration of the effect of permethrin treatment is stressed throughout the document.

Keel: en
Alusdokumendid: EN 17487:2024

EVS-EN 17962:2024

Valves and fittings for buildings and devices to prevent pollution by backflow of potable water - Polymer parts and housings under internal pressure and without external loads

This document specifies additional requirements to the product standards given in Clause 5 for valves and devices to prevent pollution by backflow of potable water with polymer parts and housings under internal pressure and without external loads intended for installations and equipment inside buildings conveying water for human consumption.

Keel: en
Alusdokumendid: EN 17962:2024

EVS-EN 1846-2:2024

Tuletõrje- ja päästeteenistuse sõidukid. Osa 2: Üldnõuded. Ohutus ja toimivus Firefighting and rescue service vehicles - Part 2: Common requirements - Safety and performance

This document specifies the common requirements for safety and the (minimum) common performance requirements of firefighting and rescue service vehicles as designated in EN 1846-1. NOTE 1 Categories and mass classes of these vehicles are given in EN 1846-1. NOTE 2 Vehicle means terrestrial vehicles that can also drive on rails and amphibious vehicles. When drafting

this document, it has been assumed that the finished standard automotive chassis (or the chassis designed in accordance with the same principles) that is the basis for the firefighting or rescue vehicle offers an acceptable safety level for its basic transport functions within the limits specified by the manufacturer. Therefore, this document does not formulate requirements for this chassis. This document deals with all significant hazards, hazardous situations and events relevant to firefighting and rescue service vehicles, when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer. Complementary specific requirements for aerial appliances are the subject of the following European Standards: — EN 1777: Hydraulic platforms (HPs) for firefighting and rescue services, — EN 14043: Turntable ladders with combined movements, — EN 14044: Turntable ladders with sequential movements. NOTE 3 Additional regulations, not dealt with in this document, can apply in relation with the use of the vehicles on public roads. This document deals with firefighting and rescue vehicles intended for use in a temperature range from –15 °C to +40 °C. NOTE 4 In the case of utilization outside this temperature range, additional measures might be necessary as agreed between the manufacturer and the user. Such requirements are outside the scope of this document. 1.2 This document does not deal with the following types of firefighting or rescue vehicles or equipment: - vehicles designed exclusively for carrying personnel; - vehicles with a gross laden mass not exceeding 3 t; - boats; - aircraft; - railway vehicles; - ambulances (see EN 1789); - provisions for non-firefighting removable equipment driven by PTO; - airport vehicles in the scope of the recommendations of the International Civil Aviation Organization (ICAO). 1.3 This document deals with the technical requirements to minimize the hazards listed in Annex K which can arise during operational use, routine checking and maintenance of firefighting and rescue service vehicles when carried out in accordance with the specifications given by the manufacturer or his authorized representative. It does not cover the hazards generated by: - non-permanently installed equipment i.e. portable equipment carried on the vehicle; - use in potentially explosive atmospheres; - commissioning and decommissioning; - electromagnetic compatibility. Additional measures not dealt with in this document might be necessary for specific use (e.g. fire in natural environment, flooding, etc.). 1.4 This document is not applicable to machines that are manufactured before its date of publication as a European Standard.

Keel: en
Alusdokumendid: EN 1846-2:2024
Asendab dokumenti: EVS-EN 1846-2:2009+A1:2013

EVS-EN ISO 10256-1:2024

Jäähoki mängimisel kasutatav kaitsevarustus. Osa 1: Üldnõuded
Protective equipment for use in ice hockey - Part 1: General requirements (ISO 10256-1:2024)

This document specifies general requirements and test methods for head, face, eye, neck, and body protectors (hereafter referred to as protectors) for use in ice hockey. This document is intended only for protectors used for ice hockey.

Keel: en
Alusdokumendid: ISO 10256-1:2024; EN ISO 10256-1:2024
Asendab dokumenti: EVS-EN ISO 10256-1:2016

EVS-EN ISO 10256-2:2024

Jäähoki mängimisel kasutatav kaitsevarustus. Osa 2: Uisutajate peakaitsevahendid
Protective equipment for use in ice hockey - Part 2: Head protectors for skaters (ISO 10256-2:2024)

This document specifies performance requirements and test methods for head protectors for use in ice hockey. This document is applicable to head protectors worn by ice hockey players excluding goalkeepers and by referees.

Keel: en
Alusdokumendid: ISO 10256-2:2024; EN ISO 10256-2:2024
Asendab dokumenti: EVS-EN ISO 10256-2:2018

EVS-EN ISO 10256-3:2024

Jäähoki mängimisel kasutatav kaitsevarustus. Osa 3: Uisutajate näo- ja silmakaitsevahendid
Protective equipment for use in ice hockey - Part 3: Face and eye protectors for skaters (ISO 10256-3:2024)

This document specifies performance requirements and test methods for eye and face protectors for use in ice hockey only. This document is applicable to eye and face protectors worn by ice hockey players other than goalkeepers and by referees.

Keel: en
Alusdokumendid: ISO 10256-3:2024; EN ISO 10256-3:2024
Asendab dokumenti: EVS-EN ISO 10256-3:2018

EVS-EN ISO 10256-4:2024

Jäähoki mängimisel kasutatav kaitsevarustus. Osa 4: Väravavahtide pea- ja näokaitsevahendid
Protective equipment for use in ice hockey - Part 4: Head and face protectors for goalkeepers (ISO 10256-4:2024)

This document specifies performance requirements and test methods for head and face protectors for use by ice hockey goalkeepers only.

Keel: en
Alusdokumendid: ISO 10256-4:2024; EN ISO 10256-4:2024
Asendab dokumenti: EVS-EN ISO 10256-4:2018

EVS-EN ISO 12312-1:2022/A11:2024

Silma- ja näokaitsevahendid. Päikeseprillid ja kaitseprillid. Osa 1: Üldkasutatavad päikeseprillid
Eye and face protection - Sunglasses and related eyewear - Part 1: Sunglasses for general use

Amendment to EN ISO 12312-1:2022

Keel: en
Alusdokumendid: EN ISO 12312-1:2022/A11:2024
Muudab dokumenti: EVS-EN ISO 12312-1:2022

EVS-EN ISO 12312-1:2022+A11:2024

Silma- ja näokaitsevahendid. Päikeseprillid ja kaitseprillid. Osa 1: Üldkasutatavad päikeseprillid
Eye and face protection - Sunglasses and related eyewear - Part 1: Sunglasses for general use (ISO 12312-1:2022)

This document is applicable to all afocal (plano power) sunglasses and clip-ons for general use, including road use and driving, intended for protection against solar radiation. Information on the use of sunglass filters is given in Annex A. Requirements for unmounted filters used as replacement or alternative filters are given in Annex C. This document is not applicable to: a) eyewear for protection against radiation from artificial light sources; b) eye protectors intended for specific sports (e.g. ski goggles or other types – see ISO 18527 (all parts)); c) sunglasses that have been medically prescribed for attenuating solar radiation; d) products intended for direct observation of the sun, such as for viewing a partial or annular solar eclipse, for which ISO 12312-2 applies; e) products intended for occupational eye protection – see, for example, ISO 16321 (all parts).

Keel: en
Alusdokumendid: ISO 12312-1:2022; EN ISO 12312-1:2022; EN ISO 12312-1:2022/A11:2024
Konsolideerib dokumenti: EVS-EN ISO 12312-1:2022
Konsolideerib dokumenti: EVS-EN ISO 12312-1:2022/A11:2024

EVS-EN ISO 13165-3:2024

Water quality - Radium-226 - Part 3: Test method using coprecipitation and gamma-ray spectrometry (ISO 13165-3:2024)

This document specifies a method to determine radium-226 (226Ra) activity concentration in all types of water by coprecipitation followed by gamma-ray spectrometry (see ISO 20042[7]). The method covers the measurement of soluble 226Ra activity concentrations greater than 0,002 Bq·l−1 using a sample volume of up to 100 l of any water type. For water samples with a volume of less than a volume of 1 l, direct gamma-ray spectrometry can be performed following ISO 10703 but with a higher detection limit. The typical detection limit for samples of 1 l to 5 l is in the range of 0,002 to 0,000 40 Bq·l−1[8]. NOTE This test method can be adapted to determine other naturally occurring isotopes of radium, such as 223Ra, 224Ra and 228Ra, if the respective ingrowth periods are taken into account.

Keel: en
Alusdokumendid: ISO 13165-3:2024; EN ISO 13165-3:2024
Asendab dokumenti: EVS-EN ISO 13165-3:2020

EVS-EN ISO 19085-12:2024

Puidutöötlusmasinad. Ohutus. Osa 12: Tappimis-/profileerimismasinad
Woodworking machines - Safety - Part 12: Tenoning-profiling machines (ISO 19085-12:2024)

This document specifies the safety requirements and measures for manually loaded and unloaded — single-end tenoning machines with a manual feed sliding table, — single-end tenoning machines with a mechanical feed sliding table, — single-end tenoning-profiling machines with mechanical feed, — double-end tenoning-profiling machines with mechanical feed, also designed to be automatically either loaded or unloaded, or both, and — angular systems for tenoning and profiling with mechanical feed with maximum workpiece height capacity of 200 mm for single-end machines and 500 mm for double-end machines, capable of continuous production use, altogether referred to as “machines”. This document deals with all significant hazards, hazardous situations and events as listed in Annex A, relevant to machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Also, transport, assembly, dismantling, disabling and scrapping phases have been taken into account. The machines are designed to process in one pass one end or two sides, either opposite or perpendicular to each other, of workpieces made of a) solid wood, and b) materials with similar physical characteristics to wood (see ISO 19085-1:2021, 3.2); and c) only the machines with mechanical feed, made of d) fibre-cement, e) rock wool and glass wool, f) gypsum, g) plasterboard, h) matrix engineered mineral boards, silicate boards and sulfate boards, i) composite materials with core consisting of polyurethane or mineral material laminated with light alloy, j) polymer-matrix composite materials and reinforced thermoplastic, thermoset and elastomeric materials, k) aluminium light alloy profiles, and l) composite boards made from the materials listed above. This document is also applicable to machines fitted with one or more of the following devices or additional working units, whose hazards have been dealt with: — sanding units; — fixed or movable workpiece support; — automatic tool changing; — automatic workpiece returner; — glass bead saw unit; — hinge recessing unit; — boring unit; — dynamic processing unit; — sawing unit installed out of the integral enclosure, between machine halves in double-end machines; — foiling unit; — coating unit; — grooving unit with a milling tool installed out of the integral enclosure, between machine halves; — brushing unit; — gluing unit; — sealing unit; — dowels inserting unit; — tongues inserting unit; — inkjet marking unit; — laser marking unit; — labelling unit; — workpiece back-up device (device that is either anti-chipping or anti-splintering, or both); — quick tool changing system; — post-formed edge pre-cutting unit; — additional workpiece support (at either infeed or outfeed, or both); — parallel infeed device on single-end machines; — transversal infeed device on single-end machines; — intermediate workpiece support on double-end machines; — automatic infeed device; — feed chain with dogs. This document does not deal with any hazards related to: a) systems for automatic loading and unloading of the workpiece to a single machine other than automatic workpiece returner; b) single machine being used in combination with any other machine (as part

Keel: en

Alusdokumendid: ISO 19085-12:2024; EN ISO 19085-12:2024
Asendab dokumenti: EVS-EN ISO 19085-12:2021
Asendab dokumenti: EVS-EN ISO 19085-12:2021/A11:2023

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN IEC 60688:2024

Elektrilised mõõtemuundurid vahelduv- ja alalisvoolusuuruste muundamiseks analoog- või digitaalsignaalideks
Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals

IEC 60688:2024 applies to transducers (TRD) with electrical inputs and outputs for making measurements of AC or DC electrical quantities. The output signal can be in the form of an analogue or digital signal. This document applies to measuring transducers used for converting electrical quantities such as: – current, – voltage, – active power, – reactive power, – power factor, – phase angle, – frequency, – harmonics or total harmonic distortion, – apparent power, and – DC power to an output signal. This document applies a) if the fundamental frequency of the input(s) lies between 0 Hz and 1 500 Hz, b) to the electrical measuring transducer if it is part of a system for the measurement of an electrical or non-electrical quantity, c) to transducers for use in a variety of applications such as telemetry and process control and in one of a number of defined environments. This document is not applicable for: – instrument transformers that comply with IEC 61869 (all parts), – transmitters for use in an industrial process application that comply with IEC 60770 (all parts), – power metering and monitoring devices (PMD) that comply with IEC 61557-12, – meters that comply with the IEC 62053 series, – handheld sensors, – residual current monitoring devices (RCMs) that comply with IEC 62020-1, – residual current detecting devices (RDC-DD) that comply with IEC 62955, – in-cable control and protection devices (IC-CPDs) that comply with IEC 62752, – modular residual current devices (MRCDs) that comply with IEC 60947 2:2016/AMD1:2019, Annex M. Within the measuring range, the output signal is a function of the measurand. An auxiliary supply can be required. This document is intended: – to specify the terminology and definitions relating to transducers whose main application is in industry, – to unify the test methods used in evaluating transducer performance, – to specify accuracy limits and output values for transducers. IEC 60688:2024 cancels and replaces the fourth edition published in 2021. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) updating normative references; b) updating definitions; c) updating structure; d) adding DC power measurement.

Keel: en
Alusdokumendid: IEC 60688:2024; EN IEC 60688:2024
Asendab dokumenti: EVS-EN 60688:2013

EVS-EN IEC 61557-13:2024

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 13: Käeshoitavad ja käsitsi manipuleeritavad voolutangid ja -andurid lekkevoolude mõõtmiseks elektrijaotussüsteemides
Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 13: Hand-held and hand-manipulated current clamps and sensors for measurement of leakage currents in electrical distribution systems

IEC 61557-13:2023 defines special performance requirements for hand-held and hand manipulated current clamps and sensors for measurement of leakage currents in electrical distribution systems up to 1 000 V AC and 1 500 V DC taking into account the influence of high external low-frequency magnetic fields and other influencing quantities. See Annex A for examples of measurement applications. This document does not apply to current clamps or sensors that are used in combination with devices for insulation fault location in accordance with IEC 61557-9, unless it is specified by the manufacturer. IEC 61557-13:2023 cancels and replaces the first edition published in 2011. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) the term "fixing device" has been removed; b) the measuring range was changed to a display range, the indication of DC or peak values has been added in 4.1; c) the frequency for the test of sensitivity for low-frequency magnetic fields has been defined in 4.2; d) the specified measuring range is now defined as the range of indicated values based on the operating uncertainty in 4.3; e) alignment of the structure with that of the whole IEC 61557 series; f) the variation E12 (maximum load current), may be specified according to the manufacturer’s specification.

Keel: en
Alusdokumendid: IEC 61557-13:2023; EN IEC 61557-13:2024
Asendab dokumenti: EVS-EN 61557-13:2011

EVS-EN IEC 61557-14:2024

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 14: Masinate elektriseadmete ohutuse katsetusseadmed
Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 14: Equipment for testing the safety of electrical equipment of machinery

IEC 61557-14:2023 defines special requirements for test and measurement equipment used to determine the electrical safety of electrical equipment of machinery in accordance with IEC 60204-1. This International Standard is to be used in conjunction with IEC 61557-1:2019. IEC 61557-14:2023 cancels and replaces the first edition published in 2013. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) clarifying the

introduction; b) replaced "dielectric strength" by "voltage test"; c) requirement for maximum output current has been added in 4.2.6.1; d) tripping time at electrical switching activated by two-hand operation has been added in 4.2.6.1; e) additional time limiting capability for the protection against electric shock for test persons and bystanders in 4.2.6.2; f) updated references for safety testing; g) alignment of the structure with that of the whole IEC 61557 series.

Keel: en
Alusdokumendid: IEC 61557-14:2023; EN IEC 61557-14:2024
Asendab dokumenti: EVS-EN 61557-14:2013

EVS-EN IEC 61557-16:2024

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 16: Elektriseadmete ja/või meditsiiniliste elektriseadmete kaitsesüsteemide tõhususe katsetusseadmed
Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 16: Equipment for testing the effectiveness of the protective measures of electrical equipment and/or medical electrical equipment

IEC 61557-16:2023 specifies the requirements applicable to the performance for test and measurement equipment in order to determine the effectiveness of the protective measures for electrical equipment and/or medical electrical equipment described in IEC 62353. This International Standard is to be used in conjunction with IEC 61557-1:2019. IEC 61557-16:2023 cancels and replaces the first edition published in 2014. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) splitting of uncertainty requirements for medical and non-medical electrical equipment in 4.2.1; b) addition of a definition of ranges with defined uncertainty in 4.2.1 to 4.2.7; c) addition of an optional measuring device (MD) for non-medical devices in 4.2.1; d) addition of a limitation of the maximum intrinsic uncertainty for medical applications at leakage current in 4.2.1; e) change of 4.2.3 from test sockets to sockets for service purposes; f) addition of a warning in the operating instructions; g) integration of former 6.3 into 6.2; h) update of Table 1; i) alignment of the structure with that of the whole IEC 61557 series.

Keel: en
Alusdokumendid: IEC 61557-16:2023; EN IEC 61557-16:2024
Asendab dokumenti: EVS-EN 61557-16:2015

EVS-EN IEC 62974-1:2024

Andmete kogumiseks, koondamiseks ja analüüsimiseks kasutatavad seire- ja mõõtesüsteemid. Osa 1: Nõuded seadmele
Monitoring and measuring systems used for data collection, aggregation and analysis - Part 1: Device requirements

IEC 62974-1:2024 specifies product and performance requirements for devices that fall under the heading of "monitoring and measuring systems used for data collection, aggregation and analysis", for industrial, commercial, and similar use rated below or equal to 1 kV AC and 1,5 kV DC. These devices are fixed and are intended to be used indoors as panel-mounted devices, or as modular devices fixed on a DIN rail, or as housing devices fixed on a DIN rail, or as devices fixed by other means inside a cabinet. These devices are used to upload or download information (energy measured on loads, power metering and monitoring data, temperature information, etc.), mainly for energy efficiency purposes. These devices are known as energy servers (ESE), energy data loggers (EDL), data gateways (DGW) and I/O data concentrators (IODC) and are grouped together under the family name of Data Management Devices (DMD). This document does not cover: • devices used only in the consumer market (living quarters) or household; • devices used in the smart metering infrastructure (e.g. smart meters); • devices used in the smart grid infrastructure; • devices used as IT servers in the information technology business; • power metering and monitoring devices (PMD); • I/O data concentrators already covered by a specific product standard; • communication protocols and interoperability; • power quality instruments (PQI); • software used for the data collection and analysis of the power quality for the supply side. IEC 62974-1:2024 cancels and replaces the first edition published in 2017. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) the performance criteria have been reviewed; b) EMC and safety requirements have been improved; c) mechanical requirements have been clarified and amended.

Keel: en
Alusdokumendid: IEC 62974-1:2024; EN IEC 62974-1:2024
Asendab dokumenti: EVS-EN 62974-1:2017

EVS-EN ISO 13165-3:2024

Water quality - Radium-226 - Part 3: Test method using coprecipitation and gamma-ray spectrometry (ISO 13165-3:2024)

This document specifies a method to determine radium-226 (226Ra) activity concentration in all types of water by coprecipitation followed by gamma-ray spectrometry (see ISO 20042[7]). The method covers the measurement of soluble 226Ra activity concentrations greater than 0,002 Bq·l−1 using a sample volume of up to 100 l of any water type. For water samples with a volume of less than a volume of 1 l, direct gamma-ray spectrometry can be performed following ISO 10703 but with a higher detection limit. The typical detection limit for samples of 1 l to 5 l is in the range of 0,002 to 0,000 40 Bq·l−1[8]. NOTE This test method can be adapted to determine other naturally occurring isotopes of radium, such as 223Ra, 224Ra and 228Ra, if the respective ingrowth periods are taken into account.

Keel: en
Alusdokumendid: ISO 13165-3:2024; EN ISO 13165-3:2024
Asendab dokumenti: EVS-EN ISO 13165-3:2020

EVS-EN ISO 8655-7:2022/A1:2024

Piston-operated volumetric apparatus - Part 7: Alternative measurement procedures for the determination of volume - Amendment 1 (ISO 8655-7:2022/Amd 1:2024)

Amendment to EN ISO 8655-7:2022

Keel: en
Alusdokumendid: ISO 8655-7:2022/Amd 1:2024; EN ISO 8655-7:2022/A1:2024
Muudab dokumenti: EVS-EN ISO 8655-7:2022

EVS-EN ISO 8655-7:2022+A1:2024

Piston-operated volumetric apparatus - Part 7: Alternative measurement procedures for the determination of volume (ISO 8655-7:2022 + ISO 8655-7:2022/Amd 1:2024)

This document specifies alternative measurement procedures for the determination of volume of piston-operated volumetric apparatus. The procedures are applicable to complete systems comprising the basic apparatus and all parts selected for use with the apparatus, disposable or reusable, involved in the measurement by delivery process (Ex). Methods described in this document are suitable for various maximum nominal volumes of piston-operated volumetric apparatus. It is the responsibility of the user to select the appropriate method.

Keel: en
Alusdokumendid: ISO 8655-7:2022; EN ISO 8655-7:2022; ISO 8655-7:2022/Amd 1:2024; EN ISO 8655-7:2022/A1:2024
Konsolideerib dokumenti: EVS-EN ISO 8655-7:2022
Konsolideerib dokumenti: EVS-EN ISO 8655-7:2022/A1:2024

19 KATSETAMINE

CEN/TS 18094:2024

Non-destructive testing - Test method for determining residual stresses by synchrotron x-ray diffraction

This document describes the test method for determining residual stresses in polycrystalline materials by the synchrotron X-ray diffraction method. The method can be applied to both homogeneous and inhomogeneous materials including those containing distinct phases. Information on how to carry out residual stress measurements by the synchrotron X-ray diffraction technique is provided as: - the selection of appropriate diffracting lattice planes on which measurements should be made for different categories of materials, - the specimen directions in which the measurements should be performed, - the volume of material examined in relation to the material grain size and the envisaged stress state, - the selection of the stress-free reference (sample) facilitating the residual strain calculation, and - the methods available for deriving residual stresses from the measured strain data. Procedures are presented for calibrating synchrotron X-ray diffraction instruments, enabling: - accurately positioning and aligning test pieces; - precisely defining the volume of material sampled for the individual measurements; and also for: - making measurements; - carrying out procedures for analysing the results; - determining their uncertainties. The principles of the synchrotron X-ray diffraction technique are described and put into perspective with EN 15305:2008 and EN ISO 21432:2020, which are used to measure stresses in the bulk of a specimen.

Keel: en
Alusdokumendid: CEN/TS 18094:2024

EVS-EN IEC 61442:2024

Test methods for accessories for power cables with rated voltages from 6 kV (Um = 7,2 kV) up to 36 kV (Um = 42 kV)

IEC 61442:2023 specifies the test methods applicable for type testing accessories for power cables with rated voltages from 3,6/6 (7,2) kV up to 18/30 (36) kV. The test methods specified in this document apply to accessories for extruded and paper insulated cables according to IEC 60502-2 and IEC 60055-1 respectively.

Keel: en
Alusdokumendid: IEC 61442:2023; EN IEC 61442:2024
Asendab dokumenti: EVS-EN 61442:2005

EVS-EN IEC 61442:2024/A11:2024

Test methods for accessories for power cables with rated voltages from 6 kV (Um = 7,2 kV) up to 36 kV (Um = 42 kV)

Amendment to EN IEC 61442:2024

Keel: en
Alusdokumendid: EN IEC 61442:2024/A11:2024
Muudab dokumenti: EVS-EN IEC 61442:2024

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN 17976:2024
Railway applications - Bolting of rail vehicles and components

This document specifies the requirements for designing, strength assessment, assembly and servicing of mechanical and electrical bolted joints made from metallic components and bolts. This document is not intended for rivets, lock bolts, self-tapping screws, wood screws, thread-rolling screws, thread-forming and chipboards. This document is applicable to all rail vehicles.

Keel: en
Alusdokumendid: EN 17976:2024

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

CEN/TS 17670-3:2024
Plastics piping systems for non-pressure underground conveyance of surface water - Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 3: Assessment of conformity

This document gives guidance and requirements for the assessment of conformity of materials (compounds/formulations), products, joints and assemblies in accordance with EN 17670 2 intended to be included in the manufacturer's quality plan as part of the quality management system and for the establishment of certification procedures. NOTE 1 A test matrix provides an overview of the testing scheme in Annex A, Table A.1. NOTE 2 If certification is involved, the certification body operating in accordance with EN ISO/IEC 17065 [1] and EN ISO/IEC 17020 [2] is considered to be competent. In conjunction with EN 17670 2 this document is applicable to road gullies.

Keel: en
Alusdokumendid: CEN/TS 17670-3:2024

CEN/TS 18116:2024
Thermoplastics pipes and fittings - Design for recycling guidelines

This document specifies design for recycling guidelines for thermoplastics pipes and fittings, used as construction products or used for water supply to irrigation systems. NOTE 1 Components used in irrigation systems such as flexibles and drip lines are not part of this document. NOTE 2 Pipes and fittings used for cable management are not part of this document. NOTE 3 Packaging of pipes and fittings is not part of this document. The guidelines in this document are developed to facilitate mechanical recycling. NOTE 4 The guidelines could also be beneficial for chemical recycling. Thermoplastics pipes and fittings are considered to be those, where the total volume of the thermoplastic compound/formulation exceeds 50 %. This document can also be used for other thermoplastics products used in a piping system such as manholes, inspection chambers, infiltration boxes and valves.

Keel: en
Alusdokumendid: CEN/TS 18116:2024

EVS-EN 10344:2024
Malleable cast iron fittings with compression ends for steel pipes

This document specifies the requirements for the design, performance and testing of fittings made of malleable cast iron (see also Clause 5, Materials) with compression ends for steel pipes. This document applies to steel piping systems for different application fields, such as supply and distribution of gas, water for general purposes (e.g. irrigation) as well as for human consumption, aqueous liquids and pressurized air. This document contains requirements and tests relating to compression fittings which can be connected to smooth walled steel pipes. The fittings can also incorporate other types of connection, such as threaded ends in conformance with EN 10226-1, flanged ends, compression ends for connection for pipes other than steel, and can also take on various structural shapes, such as straight adaptor piece, elbow or T-piece. Their range of sizes covers nominal sizes DN 10 to DN 100 (fitting size 3/8 to 4).

Keel: en
Alusdokumendid: EN 10344:2024

EVS-EN 13480-2:2024
Metallist tööstustorustik. Osa 2: Materjalid
Metallic industrial piping - Part 2: Materials

See dokument määratleb nõuded terasest toodetele, mida kasutatakse tööstuslikes torustikes ja tugedes. Mõnede mitte terasest metalliliste materjalide, nagu näiteks keragrafiitmalm, alumiinium, nikkel, vask, titaan, nõuded on sõnastatud või sõnastatakse selle dokumendi eraldi osades. Metalliliste materjalide korral, mis ei ole kaetud harmoneeritud materjali standardiga ja mis ei saa tõenäoliselt ka lähitulevikus kaetud, on selles osas või eespool esitatud selle dokumendi osades toodud erireeglid.

Keel: en
Alusdokumendid: EN 13480-2:2024
Asendab dokumenti: EVS-EN 13480-2:2017/A1:2018
Asendab dokumenti: EVS-EN 13480-2:2017/A2:2018
Asendab dokumenti: EVS-EN 13480-2:2017/A3:2018
Asendab dokumenti: EVS-EN 13480-2:2017/A7:2020
Asendab dokumenti: EVS-EN 13480-2:2017+A1+A2+A3+A7:2020
Asendab dokumenti: EVS-EN 13480-2:2017+A1+A2+A3+A7:2020/A8:2021

EVS-EN 14025:2023/AC:2024

Tanks for the transport of dangerous goods - Metallic pressure tanks - Design and construction

Corrigendum to EN 14025:2023

Keel: en
Alusdokumendid: EN 14025:2023/AC:2024
Parandab dokumenti: EVS-EN 14025:2023

EVS-EN 15266:2024

Stainless steel pliable corrugated tubing kits for gas installation pipework with an operating pressure up to 0,2 MPa (2 bar)

This document specifies the requirements for material, design, manufacture, testing, marking and documentation of stainless steel pliable corrugated gas tubing kits for gas installation pipework with a maximum allowable pressure (PS): - less than or equal to 0,5 bar within a nominal size range from DN 10 to DN 50 (class 1); and - less than or equal to 2 bar within a nominal size range from DN 10 to DN 25 (class 2). This document applies to stainless steel pliable corrugated gas tubing kits used for 1st, 2nd and 3rd family gases (see EN 437) in residential, commercial and industrial gas installations to be installed outdoors or indoors at a temperature range from –20 °C to +60 °C. This document does not apply to: - pliable tubing without cover; - corrugated safety metal hose assemblies for connection to moveable appliances. NOTE This document does not cover the installation aspects of stainless steel pliable corrugated gas tubing kits.

Keel: en
Alusdokumendid: EN 15266:2024
Asendab dokumenti: EVS-EN 15266:2007

EVS-EN 17962:2024

Valves and fittings for buildings and devices to prevent pollution by backflow of potable water - Polymer parts and housings under internal pressure and without external loads

This document specifies additional requirements to the product standards given in Clause 5 for valves and devices to prevent pollution by backflow of potable water with polymer parts and housings under internal pressure and without external loads intended for installations and equipment inside buildings conveying water for human consumption.

Keel: en
Alusdokumendid: EN 17962:2024

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EVS-EN 1083-1:2024

Power-driven brushes - Part 1: Definitions and nomenclature

This document defines terms which are used to describe power-driven brushes and strip brushes and describes the designation system. This document does not cover brushes for car wash sites, vacuum cleaners, carpet cleaning machines, sewer and street cleaning machines, dental brushes, brushes for sealing and stripping.

Keel: en
Alusdokumendid: EN 1083-1:2024
Asendab dokumenti: EVS-EN 1083-1:1999

EVS-EN 1083-2:2024

Power-driven brushes - Part 2: Safety requirements

This document specifies requirements and measures for removal or reduction of hazards resulting from the design and application of power-driven brushes. NOTE Power-driven brushing tools are e.g. cup brushes, wheel brushes, end brushes, disc brushes, tube brushes and head brushes. This document also contains procedures and tests for verification of compliance with the requirements as well as safety information for use, which is made available to the user by the manufacturer. This document does not apply to cylinder brushes and strip brushes, brushes for car washing, vacuum cleaners, floor cleaning, drain and street cleaning machines and dental brushes.

Keel: en
Alusdokumendid: EN 1083-2:2024
Asendab dokumenti: EVS-EN 1083-2:1999

EVS-EN 14587-2:2024

Raudteealased rakendused. Infrastruktuur. Rööbaste kontaktkeevitus. Osa 2: Uute R200, R220, R260, R260Mn, R320Cr, R350HT, R350LHT, R370CrHT ja R400HT klassi rööbaste keevitamine mobiilsete keevitusseadmetega väljaspool statsionaarseid keevituskohti
Railway applications - Infrastructure - Flash butt welding of new rails - Part 2: R200, R220, R260, R260Mn, R320Cr, R350HT, R350LHT, R370CrHT and R400HT grade rails by mobile welding machines at sites other than a fixed plant

See dokument määrab kindlaks nõuded mobiilsete seadmete keevitusprotsessi heakskiitmiseks koos nõuetega keevitustootmisele. See kehtib uutele Vignole raudteerööbastele R200, R220, R260, R260Mn, R320Cr, R350HT, R350LHT,

R370CrHT ja R400HT 46 kg/m ja rohkem, nagu on sätestatud standardis EN 13674-1:2011+A1:2017, mis on keevitatud kontaktkeevitusprotsessiga mobiilsete seadmetega ja on ette nähtud kasutamiseks raudteeinfrastruktuuris. See dokument kehtib rööbaste liitmiseks rööpaniitideks keevitamise teel.

Keel: en, et
Alusdokumendid: EN 14587-2:2024
Asendab dokumenti: EVS-EN 14587-2:2009

EVS-EN IEC 63261:2024

Representation of electrical and instrument objects in digital 3D plant models during engineering

IEC 63261:2024 provides requirements for the E&I objects of a digital 3D plant model, used in the engineering phase to design and construct a process plant and its instrumentation. It provides guidance how to model plants and their electrical and instrumentation equipment. This document also specifies the content and the possible output of the 3D plant model at project milestones. This document can be used by the contractual partners to agree upon the content of the 3D plant model to be delivered at specified milestones. This document does not specify the transfer and format of digital 3D plant models. This document does not specify definitions or instructions to equipment representations and details of elements in the 3D plant model not belonging to electrical and instrumentation domains.

Keel: en
Alusdokumendid: IEC 63261:2024; EN IEC 63261:2024

EVS-EN ISO 11127-8:2024

Preparation of steel substrates before application of paints and related products - Test methods for non-metallic blast-cleaning abrasives - Part 8: Field determination of water-soluble chlorides (ISO 11127-8:2020)

This document specifies a field method for the determination of water-soluble chlorides in non-metallic blast-cleaning abrasives. This field method is provided as a kit with all components and premeasured extraction solution. This document differs from ISO 11127-7 in that equal volumes of the sample of abrasive and extraction solution are used for the determination of chloride level in the abrasive. In comparison, ISO 11127-7 uses a weight to volume ratio of abrasive to solvent (deionized water) to extract soluble salts from the abrasive. It is intended for use in the field as compared to ISO 11127-7, which is well suited for use in the laboratory.

Keel: en
Alusdokumendid: ISO 11127-8:2020; EN ISO 11127-8:2024

EVS-EN ISO 8502-15:2024

Preparation of steel substrates before application of paints and related products - Tests for the assessment of surface cleanliness - Part 15: Extraction of soluble contaminants for analysis by acid extraction (ISO 8502-15:2020)

This document specifies a method of extracting, for analysis, acid soluble contaminants from a surface by use of flexible cells in the form of adhesive patches or sleeves which can be attached to any surface, regardless of its shape (flat or curved) and its orientation (facing in any direction, including downwards). The described method is suitable for use in the field to determine the presence of acid soluble contaminants before painting or a similar treatment. This document does not cover the subsequent analysis of the contaminants that have been dissolved off. Methods of analysis suitable for field use are described in other parts of ISO 8502 such as ISO 8502-5. This document is similar in procedure to, but not equal to, ISO 8502-6. The main difference is the solvent used and the subsequent analysis that can be performed on the extraction solution.

Keel: en
Alusdokumendid: ISO 8502-15:2020; EN ISO 8502-15:2024

EVS-EN ISO 8504-4:2024

Preparation of steel substrates before application of paints and related products - Surface preparation methods - Part 4: Acid pickling (ISO 8504-4:2022)

This document describes the typical method for acid pickling generally used in a shop facility for the preparation of steel substrates before application of paints and related products. It is in general applicable to new steelwork. This method is essentially intended to remove rust and mill scale. Typically, only slight oil residues can be removed during this process. It can be used on steel surfaces that are easily deformed by abrasive blasting.

Keel: en
Alusdokumendid: ISO 8504-4:2022; EN ISO 8504-4:2024

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12953-6:2024

Leektorukatlad. Osa 6: Nõuded katla seadmestikule
Shell Boilers - Part 6: Requirements for equipment for the boiler

This document specifies the minimum requirements for safety related equipment for shell boilers (generator and/or assemblies) as specified in EN 12953-1:2012, to ensure the boiler operates within the allowable limits (pressure, temperature, etc.) and if the limits are exceeded the energy supply is automatically interrupted and locked out, irrespective of the degree of intervention. NOTE 1 For this document, the term “boiler” is applicable for generator and/or assemblies. NOTE 2 The maximum time of operation

without manual (human) intervention can be specified for each boiler system. NOTE 3 Annex C gives recommendations of operation and testing of the boiler system with a maximum time of operation without manual (human) intervention of 24 h and 72 h.

Keel: en
Alusdokumendid: EN 12953-6:2024
Asendab dokumenti: EVS-EN 12953-6:2011

EVS-EN 12953-9:2024

Leektorukatlad. Osa 9: Nõuded katla ja abiseadmete limiteerimisüksustele
Shell boilers - Part 9: Requirements for limiting devices of the boiler and accessories

This document specifies requirements for limiters which are incorporated into safety systems for shell boilers as specified in EN 12953 1:2012. The design requirements and examination of the limiters are covered in this document. NOTE See Annex E for determination of the characteristic data for use in protective circuits with a safety integrity level (SIL) rating. The requirements for limiters with regard to the safety integrity level (SIL), for example, in accordance with EN 61508 are not covered in this document.

Keel: en
Alusdokumendid: EN 12953-9:2024
Asendab dokumenti: EVS-EN 12953-9:2007

EVS-EN 15502-2-1:2022+A1:2023/AC:2024

Gaasküttega keskküttekatlad. Osa 2-1: Erinõuded C tüüpi kateldele ja B2, B3 ning B5 tüüpi kateldele nimisoojuskoormusega mitte üle 1 000 kW
Gas-fired central heating boilers - Part 2-1: Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW

Corrigendum to EN 15502-2-1:2022+A1:2023

Keel: en
Alusdokumendid: EN 15502-2-1:2022+A1:2023/AC:2024
Parandab dokumenti: EVS-EN 15502-2-1:2022+A1:2023

EVS-EN 16905-3:2024

Gaaskütusel sisepõlemismootoriga soojuspumbad. Osa 3: Katsetingimused
Gas-fired endothermic engine-driven heat pumps - Part 3: Test conditions

1.1 Scope of EN 16905 series This series specifies the requirements, test methods and test conditions for the rating and performance calculation of gas-fired endothermic engine driven heat pumps for heating and/or cooling mode including the engine heat recovery, to be used outdoor. This series is used in conjunction with: a) the terms and definitions, EN 16905 1:2023; b) the safety, EN 16905 2:—1; c) the requirements, test conditions and test methods, EN 16905 4:—2; d) the calculation of seasonal performances in heating and cooling mode, EN 16905-5:2022; e) the heat pump standards, EN 14511-2:2022, EN 14511 3:2022 and EN 14825:2022. This series only applies to appliances with a maximum heat input (based on net calorific value) not exceeding 70 kW at standard rating conditions. This series only applies to appliances under categories I2H, I2E, I2Er, I2R, I2E(S)B, I2L, I2LL, I2ELL, I2E(R)B, I2ESi, I2E(R), I3P, I3B, I3B/P, II2H3+, II2Er3+, II2H3B/P, II2L3B/P, II2E3B/P, II2ELL3B/P, II2L3P, II2H3P, II2E3P and II2Er3P according to EN 437:2021. This series only applies to appliances having: a) gas-fired endothermic engines under the control of fully automatic control systems; b) closed-system refrigerant circuits in which the refrigerant does not come into direct contact with the fluid to be cooled or heated; c) where the temperature of the heat transfer fluid of the heating system (heating water circuit) does not exceed 105 °C during normal operation; d) where the maximum operating pressure in the 1) heating water circuit (if installed) does not exceed 6 bar; 2) domestic hot water circuit (if installed) does not exceed 10 bar. This series applies to appliances only when used for space heating or space cooling or for refrigeration, with or without heat recovery. This series is applicable to appliances that are intended to be type tested. Requirements for appliances that are not type tested would need to be subject to further consideration. 1.2 Scope of EN 16905 3 This part of the EN 16905 series specifies the test conditions for the rating of energy parameters of gas-fired endothermic engine driven heat pumps for heating and/or cooling mode including the engine heat recovery.

Keel: en
Alusdokumendid: EN 16905-3:2024
Asendab dokumenti: EVS-EN 16905-3:2017

EVS-EN IEC 61400-24:2019/A1:2024

Wind energy generation systems - Part 24: Lightning protection

Amendment to EN IEC 61400-24:2019

Keel: en
Alusdokumendid: IEC 61400-24:2019/AMD1:2024; EN IEC 61400-24:2019/A1:2024
Muudab dokumenti: EVS-EN IEC 61400-24:2019

EVS-EN ISO 21922:2021/A1:2024

Külmutussüsteemid ja soojuspumbad. Ventiilid. Nõuded, testimine ja markeerimine
Refrigerating systems and heat pumps - Valves - Requirements, testing and marking - Amendment 1 (ISO 21922:2021/Amd 1:2024)

This document specifies safety requirements, certain functional requirements, and marking of valves and other components with similar bodies, hereinafter called valves, for use in refrigerating systems including heat pumps. This document includes requirements for valves with extension pipes. This document describes the procedure to be followed when designing valve parts subjected to pressure as well as the criteria to be used in the selection of materials. This document describes methods by which reduced impact values at low temperatures may be taken into account in a safe manner. This document applies to the design of bodies and bonnets for pressure relief devices, including bursting disc devices, with respect to pressure containment but it does not apply to any other aspects of the design or application of pressure relief devices. In addition, this document is applicable to valves with a maximum operating temperature not exceeding 200 °C and a maximum allowable pressure not exceeding 160 bar[1]. [1] 1 bar = 0,1 MPa.

Keel: en
Alusdokumendid: ISO 21922:2021/Amd 1:2024; EN ISO 21922:2021/A1:2024
Muudab dokumenti: EVS-EN ISO 21922:2021

EVS-EN ISO 24664:2024

Külmasüsteemid ja soojuspumbad. Kaitseseadmed ja nendega seotud torustik. Arvutusmeetodid
Refrigerating systems and heat pumps - Pressure relief devices and their associated piping - Methods for calculation (ISO 24664:2024)

This document describes the calculation of: — mass flow for sizing pressure relief devices for parts of refrigerating systems; — discharge capacities for pressure relief valves and other pressure relief devices in refrigerating systems including the necessary data for sizing these when relieving to atmosphere or to part of the refrigerating system at lower pressure; — the pressure loss in the inlet and outlet lines of pressure relief valves and other pressure relief devices and includes the necessary data. This document specifies the requirements for selection of pressure relief devices to prevent excessive pressure due to internal and external heat sources, the sources of increasing pressure (e.g. compressor, heaters, etc.) and thermal expansion of trapped liquid. NOTE The term "refrigerating system" used in this document includes heat pumps.

Keel: en
Alusdokumendid: ISO 24664:2024; EN ISO 24664:2024
Asendab dokumenti: EVS-EN 13136:2013+A1:2018

29 ELEKTROTEHNIKA

CLC/TS 50712:2024

Railway applications - Current collection systems - Technical criteria for the interaction between pantograph and overhead contact lines on electrified roads

This document defines the general characteristics applicable to pantographs for ERS, to enable dynamic current collection of road vehicles from an overhead contact line system. It furthermore defines the electrical and mechanical interface between a pantograph and the infrastructure and between a pantograph and the vehicle. The document also specifies tests for the pantograph. It includes recommendations for a common safety concept that is related to the electric vehicle and power supply infrastructure and gives recommendations for the maintenance of the pantograph. This document is applicable to: - Two-pole pantographs on commercial vehicles during operation on electrified public roads and highways. This document is not applicable to: - trolley busses and their electric equipment; - vehicles in private applications on roads in restricted areas such as truck trolley applications in mines; - commercial freight vehicles or electric busses with static-only charging systems at e.g. loading/unloading facilities or bus stops.

Keel: en
Alusdokumendid: CLC/TS 50712:2024

EVS-EN 50728:2024

Raudteealased rakendused. Raudteeveerem. Elektromagnetilise ühilduvuse testimine rööbasahelatega
Railway applications - Rolling stock - Testing for electromagnetic compatibility with track circuits

This document defines the measurement and evaluation methods of rolling stock interference current emissions to demonstrate compatibility with track circuits. This includes rolling stock with or without traction equipment. The established limits for compatibility are defined in ERA/ERTMS/033281, PD CLC/TS 50238-2 or NNTRs as current flowing between the vehicle and the electric traction power supply system that can disturb the track circuit receiver, as part of the track circuit system. Additionally, the referred documents can define a minimum rolling stock impedance in order to guarantee compatibility between the electric traction power supply system and track circuits. This document is relevant to the interference current limits defined in the "frequency management" for track circuits as defined in ERA/ERTMS/033281. It is also applicable to the demonstration of compatibility with all other types of track circuits which have established compatibility according to EN 50617-1. Finally, the methodology defined in this document can also be applied to other track circuit types, including those for which the only requirements are defined in NNTRs. NOTE 1 Interface parameters between rolling stock and track circuits other than interference currents and impedance are out of the scope of this document. NOTE 2 For track circuits prone to wrong side failures additional precautions might be

needed to mitigate safety risks. The necessary precautions and safety considerations are outside the scope of this document, but can be found in NNTRs.

Keel: en
Alusdokumendid: EN 50728:2024

EVS-EN 60079-5:2015+A1:2024

Plahvatusohtlikud keskkonnad. Osa 5: Seadmete kaitse pulbertäite abil "q"
Explosive atmospheres - Part 5: Equipment protection by powder filling "q" (IEC 60079-5:2015 + IEC 60079-5:2015/AMD1:2022)

This part of IEC 60079 contains specific requirements for the construction, testing and marking of electrical equipment, parts of electrical equipment and Ex components in the type of protection powder filling “q”, intended for use in explosive gas atmospheres. NOTE 1 Electrical equipment and Ex components protected by powder filling “q” can contain electronic circuits, transformers, protection fuses, relays, intrinsically safe electrical apparatus, associated electrical apparatus, switches, etc. NOTE 2 Type of protection powder filling “q” provides Equipment Protection Level (EPL) Gb or Mb. This standard supplements and modifies the general requirements of IEC 60079-0. Where a requirement of this standard conflicts with a requirement of IEC 60079-0, the requirement of this standard takes precedence. This standard applies to electrical equipment, parts of electrical equipment and Ex components with: – a rated supply current less than or equal to 16 A; – a rated supply voltage less than or equal to 1 000 V; – a rated power consumption less than or equal to 1 000 W.

Keel: en
Alusdokumendid: EN 60079-5:2015; IEC 60079-5:2015; IEC 60079-5:2015/AMD1:2022; EN 60079-5:2015/A1:2024
Konsolideerib dokumenti: EVS-EN 60079-5:2015
Konsolideerib dokumenti: EVS-EN 60079-5:2015/A1:2024

EVS-EN 60079-6:2015+A1:2024

Plahvatusohtlikud keskkonnad. Osa 6: Seadmete kaitse õlitäite abil "o"
Explosive atmospheres - Part 6: Equipment protection by liquid immersion "o" (IEC 60079-6:2015 + IEC 60079-6:2015/A1:2020)

This part of IEC 60079 specifies the requirements for the design, construction, testing and marking of Ex Equipment and Ex Components with type of protection liquid immersion “o” intended for use in explosive gas atmospheres. Ex Equipment and Ex Components of type of protection liquid immersion “o” are either: • Level of Protection “ob” (EPL “Mb” or “Gb”) • Level of Protection “oc” (EPL “Gc”) For Level of Protection “ob”, this standard applies where the rated voltage does not exceed 11 kV r.m.s. a.c. or d.c. For Level of Protection “oc”, this standard applies where the rated voltage does not exceed 15 kV r.m.s. a.c. or d.c. Additionally, for Level of Protection "oc", Annex D applies where the rated voltage exceeds 15 kV AC RMS or DC and up to 245 kV AC RMS or DC. Annex D applies specifically to liquid immersed transformers and reactors, and other liquid immersed equipment such as swivels for off-shore platforms, power regulators, tap changers and earthing/switching resistors. This standard supplements and modifies the general requirements of IEC 60079-0. Where a requirement of this standard conflicts with a requirement of IEC 60079-0, the requirement of this standard takes precedence.

Keel: en
Alusdokumendid: IEC 60079-6:2015; EN 60079-6:2015; IEC 60079-6:2015/AMD1:2020; EN 60079-6:2015/A1:2024
Konsolideerib dokumenti: EVS-EN 60079-6:2015
Konsolideerib dokumenti: EVS-EN 60079-6:2015/A1:2024

EVS-EN IEC 60269-7:2024

Madalpingelised sulavkaitsmed. Osa 7: Lisanõuded sulavpanustele patareide ja patareisüsteemide kaitseks
Low-voltage fuses - Part 7: Supplementary Requirements for fuse-links for the protection of batteries and battery systems

These supplementary requirements apply to fuse-links for the protection of batteries and battery systems, including, but not limited to terminology, for electricity storage in equipment for circuits of nominal voltages up to 1 500 V d.c. Their rated voltage may be higher than 1 500 V d.c. The object of these supplementary requirements is to establish the characteristics of Battery fuse-links in such a way that they can be replaced by other fuse-links having the same characteristics, provided that their dimensions are identical.

Keel: en
Alusdokumendid: IEC 60269-7:2021; EN IEC 60269-7:2024

EVS-EN IEC 60598-1:2024

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

IEC 60598-1:2024 specifies general safety requirements for luminaires, incorporating electric light sources for operation from supply voltages up to 1 000 V. Requirements for semi-luminaires are included in this document. This tenth edition cancels and replaces the ninth edition published in 2020. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) new structure to comply with the ISO/IEC Directives, Part 2; b) addition of a new Annex V for comparison with the previous edition; c) revision of 7.32 for SPDs and for SPCs; d) the terms "live part" and "active part" were reviewed and aligned with the definitions of "live part" and "hazardous live part" given in IEC 60050-195; e) revision of 7.14.2 for conductor mechanical stress; f) revision of 14.5.2, Item 4 to include controlgear; g) revision of 9.2.1 (Earthing) with the deletion of the word "permanently"; h) revision of Annex N: earth continuity test time; i) revision of 7.11.4; 7.14.1; Table 22 (14.4.3): Introduction of requirements for suspension by magnets; j) addition of a new Annex W for luminaires

using batteries; k) clarification of Clause 6 for marking requirements for nature of supply; l) addition of a new Subclause 7.31.5: Additional requirements for luminaires using controllable controlgear providing SELV output(s); m) revision of 6.4.16: Information to be provided for luminaire having protective earth current > 10 mA; n) revision of 6.3.23; 6.4.18; 6.4.24; 7.30 and 10.2.1 for serviceable, non-user serviceable and non-serviceable components; o) revision of Annex D: Draught-proof enclosure; p) revision of 8.2.1 and 13.2.1: Inconsistencies in the inclusion of the limits of voltage ranges; q) revision of 9.2.10 for looping-in; r) Revision of Clause 2 and 7.8: update of the reference to IEC 61058-1-1, IEC 61058-1-2 and IEC 61058-2-1. Update of temperature limits in Table 21 (14.4.3) for luminaires incorporating switches according to IEC 60669-1 or IEC 60669-2-1; s) revision of 6.3.22 and 7.24 for photobiological safety; t) addition of a new Subclause 6.3.27 for marking of mains socket outlet moved from information requirements.

Keel: en
Alusdokumendid: IEC 60598-1:2024; EN IEC 60598-1:2024
Asendab dokumenti: EVS-EN IEC 60598-1:2021
Asendab dokumenti: EVS-EN IEC 60598-1:2021/A11:2022
Asendab dokumenti: EVS-EN IEC 60598-1:2021+A11:2022

EVS-EN IEC 60598-1:2024/A11:2024

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

Amendment to EN IEC 60598-1:2024

Keel: en
Alusdokumendid: EN IEC 60598-1:2024/A11:2024
Muudab dokumenti: EVS-EN IEC 60598-1:2024

EVS-EN IEC 60947-4-2:2023/A1:2024

Madalpingelised lülitusaparaadid. Osa 4-2: Kontaktorid ja mootorikäivitid. Pooljuht-mootorikontrollerid, -käivitid ja -sujuvkäivitid
Low-voltage switchgear and controlgear - Part 4-2: Contactors and motor-starters - Semiconductor motor controllers, starters and soft-starters

Amendment to EN IEC 60947-4-2:2023

Keel: en
Alusdokumendid: IEC 60947-4-2:2020/AMD1:2024; EN IEC 60947-4-2:2023/A1:2024
Muudab dokumenti: EVS-EN IEC 60947-4-2:2023

EVS-EN IEC 60947-4-3:2024

Madalpingelised lülitusaparaadid. Osa 4-3: Kontaktorid ja mootorikäivitid. Vahelduvvoolu pooljuhtkontrollerid ja -käivitid mitte-mootorkoormustele
Low-voltage switchgear and controlgear - Part 4-3: Contactors and motor-starters - Semiconductor controllers and semiconductor contactors for non-motor loads

IEC 60947-4-3:2020(E) applies to semiconductor controllers and semiconductor contactors for non-motor load intended to be connected to circuits, the rated voltage of which does not exceed 1 000 V AC. It covers their use: – for operations of changing the state of AC electric circuits between the ON-state and the OFF-state; – with or without bypass switching devices; – as controller, for reducing the amplitude of the RMS AC voltage. This third edition cancels and replaces the second edition published in 2014. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) scope exclusions; b) editorial correction of notes and hanging paragraphs; c) safety aspects related to: - general aspects; - limited energy circuits; - electronic circuits; d) mention of dedicated wiring accessories; e) power consumption measurement; f) alignment to IEC 60947-1:2020; g) alignment with IEC 60947-4-2 when appropriate.

Keel: en
Alusdokumendid: IEC 60947-4-3:2020; EN IEC 60947-4-3:2024
Asendab dokumenti: EVS-EN 60947-4-3:2014

EVS-EN IEC 61347-1:2024

Elektriliste valgusallikate liiteseadised. Ohutus. Osa 1: Üldnõuded
Controlgear for electric light sources - Safety - Part 1: General requirements

IEC 61347-1:2024 specifies general safety requirements for controlgear for electric light sources for use on DC supplies up to 1 500 V or AC supplies up to 1 000 V at 50 Hz or 60 Hz. This fourth edition cancels and replaces the third edition published in 2015 and Amendment 1:2017. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) complete review of document structure, including but not limited to what is individually described under items b) to s); b) removal of requirements for electromagnetic controlgear; c) addition of more specific requirements for control circuit insulation and corresponding marking; d) merging of thermal test requirements for transformers into a new Clause 16; e) clarification of specifications for the moisture resistance test; f) update of the normative reference to standards of the transformer series IEC 61558; g) correction of the normative reference for PCB testing with respect to flames and fire; h) update of further normative references where appropriate; i) allowance of an alternative DC electric strength test; j) addition of specific provisions for the use of bridging capacitors; k) update of fire hazard testing requirements; l) introduction of requirements for PELV applications; m) clearance distances now generally based on peak instead of RMS voltage values; n) introduction of a new type of protected emergency lighting controlgear; o) review and clarification of touch current and voltage requirements; p) clarification of the test sequence for independent controlgear with respect to the application of the IEC 60598 series versus the IEC 61347 series; q) introduction of reduced touch voltages and currents for interrupted DC voltage applications

or pulse width modulation (PWM); r) changes concerning the recommendations for electric strength routine testing; s) merging of requirements for safety isolating controlgear from former Annex L into the main body of the document; t) introduction of Annex N intended to address touch current measurement; u) introduction of Annex O intended to provide information on document reorganization.

Keel: en
Alusdokumendid: IEC 61347-1:2024; EN IEC 61347-1:2024
Asendab dokumenti: EVS-EN 61347-1:2015
Asendab dokumenti: EVS-EN 61347-1:2015/A1:2021

EVS-EN IEC 61347-2-10:2024

Controlgear for electric light sources - Safety - Part 2-10: Particular requirements - Electronic controlgear for high-frequency operation of tubular cold-cathode discharge lamps (neon tubes)

This document specifies safety requirements for electronic controlgear for high-frequency operation of tubular cold-cathode discharge lamps used in signs and luminous discharge tube installations and operating with an output voltage exceeding 1 000 V but not exceeding 10 000 V for direct connection to DC or AC supply voltages not exceeding 1 000 V (at 50 Hz or 60 Hz in case of AC). NOTE 1 Historically, for such type of controlgear it was referred to as invertors or convertors. NOTE 2 In Japan, the output voltage of 15 000 V is acceptable. This document applies only to either type A or type B controlgear which are specified as follows: – Type A: controlgear operating within the frequency range 20 kHz to 50 kHz, and having an output voltage not exceeding 5 000 V peak between terminals, with a maximum output current limited to 35 mA (RMS) and 50 mA (peak value) and a supply voltage not exceeding 250 V. NOTE 3 The output current of a type A unit may be considered as not presenting an electric shock hazard due to the limits on the current and frequency range. NOTE 4 In Japan, the output voltage of 15 000 V is acceptable. – Type B: controlgear operating within the frequency range 10 kHz to 100 kHz and having a no-load output voltage not exceeding 10 000 V between terminals or not exceeding 5 000 V to earth, with a maximum output current limited to 200 mA (RMS) and 400 mA (peak value). NOTE 5 Type B require additional protection in the output circuit. NOTE 6 In Japan, a type B unit exceeding 50 mA and/or the secondary grounded is not acceptable. NOTE 7 In order to check the safety of controlgear, it is necessary to check their performance. However, since no standardization of the characteristics of neon tubes exists, reference loads are specified in this standard to ensure reproducible test results. NOTE 8 The rated maximum operating temperature of the winding, tw, is not applicable to this standard.

Keel: en
Alusdokumendid: IEC 61347-2-10:2024; EN IEC 61347-2-10:2024
Asendab dokumenti: EVS-EN 61347-2-10:2002
Asendab dokumenti: EVS-EN 61347-2-10:2002/A1:2009
Asendab dokumenti: EVS-EN 61347-2-10:2002/AC:2011

EVS-EN IEC 61347-2-11:2024

Elektriliste valgusallikate liiteseadised. Ohutus. Osa 2-11: Erinõuded. Mitmesugused valgustitega kasutatavad elektronahelad
Controlgear for electric light sources - Safety - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires

This document specifies safety requirements for miscellaneous electronic circuits used with luminaires for use on DC supplies up to 1 500 V or on AC supplies up to 1 000 V at 50 Hz or 60 Hz. Miscellaneous electronic circuits used with luminaires covered by this document are – control circuits of electronic controlgear (e. g. as specified in IEC 62386 series, IEC 63128 or IEC 62756); – switching circuits used in association with daylight and/or presence sensors; – circuits to assist EMC performance; – intermittence and similar devices used with lighting chains; – earth leakage or open-circuit protective devices used with neon transformers. This document does not apply to other circuits or devices for which specific IEC standards are published, such as the IEC 60669 series. Note: Such miscellaneous electronic circuits can also be used in luminaires producing optical radiation other than visible spectrum.

Keel: en
Alusdokumendid: EN IEC 61347-2-11:2024; IEC 61347-2-11:2024
Asendab dokumenti: EVS-EN 61347-2-11:2002
Asendab dokumenti: EVS-EN 61347-2-11:2002/A1:2019
Asendab dokumenti: EVS-EN 61347-2-11:2002/AC:2011

EVS-EN IEC 61347-2-12:2024

Controlgear for electric light sources - Safety - Part 2-12: Particular requirements - DC or AC supplied electronic controlgear for discharge lamps (excluding fluorescent lamps)

This document specifies safety requirements for electronic controlgear for use on AC supplies at 50 Hz or 60 Hz up to 1 000 V and/or DC supplies up to 1 000 V. The type of controlgear is a convertor that may contain igniting and stabilising elements for operation of a discharge lamp at DC or at a frequency that can deviate from the supply frequency. NOTE Lamps associated with this type of controlgear are specified in IEC 60188 (High pressure mercury vapour lamps), IEC 60192 (Low pressure sodium vapour lamps), IEC 60662 (High pressure sodium vapour lamps), IEC 61167 (Metal halide lamps) and else for general purpose lighting. Controlgear for fluorescent lamps and for lamps for special applications like for theatre and for vehicles are excluded.

Keel: en
Alusdokumendid: IEC 61347-2-12:2024; EN IEC 61347-2-12:2024
Asendab dokumenti: EVS-EN 61347-2-12:2005
Asendab dokumenti: EVS-EN 61347-2-12:2005/A1:2010
Asendab dokumenti: EVS-EN 61347-2-12:2005/AC:2011

EVS-EN IEC 61347-2-13:2024

Elektriliste valgusallikate liiteseadised. Ohutus. Osa 2-13: Erinõuded. Valgusdioodmoodulite elektroonilised juhtimisseadised

Controlgear for electric light sources - Safety - Part 2-13: Particular requirements - Electronic controlgear for LED light sources

IEC 61347-2-13:2024 specifies safety requirements for electronic controlgear for LED light sources for use on DC supplies up to 1 500 V or on AC supplies up to 1 000 V at 50 Hz or 60 Hz. This document is applicable for electronic controlgear for LED light sources with an output voltage (RMS) not higher than 1 000 V. This third edition cancels and replaces the second edition published in 2014 and Amendment 1:2016. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) alignment with respect to the fourth edition of IEC 61347-1: - introduction of dated references to the fourth edition of IEC 61347-1 as appropriate; - deletion of the clauses and subclauses which are either no longer relevant or now covered in IEC 61347-1; b) update of normative references, introducing dated references where appropriate; c) scope extension to 1 500 V for direct current; d) scope clarification; e) deletion of unused definitions; f) revision of information and marking requirements; g) new marking requirement "electronic controlgear for LED light sources"; h) new requirements for electronic controlgear for LED light sources with constant light output function or programmable current (additions to Clause 3, Clause 6, Clause 16 and Clause 18); i) modification of requirements for the determination of the output working voltage (new Clause 17); j) new requirements for the determination of the rated output characteristics (Clause 18).

Keel: en
Alusdokumendid: IEC 61347-2-13:2024; EN IEC 61347-2-13:2024
Asendab dokumenti: EVS-EN 61347-2-13:2014
Asendab dokumenti: EVS-EN 61347-2-13:2014/A1:2017

EVS-EN IEC 61347-2-2:2024

Elektriliste valgusallikate liiteseadised. Ohutus. Osa 2-2: Erinõuded. Hõõglampide elektroonilist pinget vähendavad muundurid

Controlgear for electric light sources - Safety - Part 2-2: Particular requirements - Electronic step-down convertors for filament lamps

IEC 61347-2-2:2024 specifies safety requirements for electronic step-down convertors for use on DC supplies of up to 1 500 V or AC supplies of up to 1 000 V at 50 Hz or 60 Hz, and with a rated output voltage ≤ 50 V (RMS) at a frequency deviating from the supply frequency, or 120 V ripple free DC between conductors and between any conductor and earth, associated with tungsten-halogen lamps as specified in IEC 60357, and other filament lamps. This third edition cancels and replaces the second edition published in 2011. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) alignment with respect to the fourth edition of IEC 61347-1; - introduction of dated references to the fourth edition of IEC 61347-1 as appropriate; - deletion of the clauses and subclauses which are either no longer relevant or now covered in IEC 61347-1; b) scope extension to 1 500 V for direct current; c) scope clarification; d) deletion of unused definitions; e) revision of information and marking requirements; f) revision of compliance conditions for the measurement of the output voltage during fault condition testing and during thermal testing.

Keel: en
Alusdokumendid: IEC 61347-2-2:2024; EN IEC 61347-2-2:2024
Asendab dokumenti: EVS-EN 61347-2-2:2012

EVS-EN IEC 61347-2-3:2024

Elektriliste valgusallikate liiteseadised. Ohutus. Osa 2-3: Erinõuded. Luminofoorlampide vahelduvvoolu- või alalisvoolutoitega elektroonilised liiteseadised

Controlgear for electric light sources - Safety - Part 2-3: Particular requirements - AC or DC supplied electronic controlgear for fluorescent lamps

IEC 61347-2-3:2024 specifies safety requirements for electronic controlgear for use on AC supplies at 50 Hz or 60 Hz up to 1 000 V or on DC supplies up to 1 000 V with lamp operating frequencies deviating from the supply frequency, associated with fluorescent lamps as specified in IEC 60081 and IEC 60901, low-pressure UV lamps, and other fluorescent lamps for high-frequency operation. This third edition cancels and replaces the second edition published in 2011 and Amendment 1:2016. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) introduction of dated references where appropriate; b) clarification of sample item numbers; c) alignment of clause numbers with those of IEC 61347-1.

Keel: en
Alusdokumendid: IEC 61347-2-3:2024; EN IEC 61347-2-3:2024
Asendab dokumenti: EVS-EN 61347-2-3:2011
Asendab dokumenti: EVS-EN 61347-2-3:2011/A1:2017
Asendab dokumenti: EVS-EN 61347-2-3:2011/AC:2011

EVS-EN IEC 61347-2-8:2024

Controlgear for electric light sources - Safety - Part 2-8: Particular requirements - Ballasts for fluorescent lamps

This document specifies safety requirements for ballasts, excluding resistance types, for use on AC supplies up to 1 000 V at 50 Hz or 60 Hz, associated with fluorescent lamps with or without pre-heated cathodes operated with or without a starter or starting device and having rated powers, dimensions and characteristics as specified in IEC 60081 and IEC 60901. This standard applies to complete ballasts and to their component parts such as reactors, transformers and capacitors. Ballasts for conventional operation of lamps at mains frequency are covered, while AC supplied electronic ballasts for high frequency operation are

excluded. NOTE 1 AC supplied electronic ballasts for high frequency operation are specified in IEC 61347-2-3. NOTE 2 Capacitors having a capacitance greater than 0,1 □F are covered by IEC 61048 and IEC 61049. Capacitors having a capacitance less than or equal to 0,1 □F are specified in IEC 60384-14. NOTE 3 Performance requirements are the subject of IEC 60921.

Keel: en
Alusdokumendid: EN IEC 61347-2-8:2024; IEC 61347-2-8:2024
Asendab dokumenti: EVS-EN 61347-2-8:2002
Asendab dokumenti: EVS-EN 61347-2-8:2002/A1:2006
Asendab dokumenti: EVS-EN 61347-2-8:2002/AC:2011

EVS-EN IEC 61439-3:2024

Madalpingelised aparaadikoosted. Osa 3: Jaotuskilbid, mida tohivad käsitada tavaisikud Low-voltage switchgear and controlgear assemblies - Part 3: Distribution boards intended to be operated by ordinary persons (DBO) (IEC 61439-3:2024)

Standardisarja IEC 61439 see osa määratleb erinõuded jaotuskilpidele, mida tohivad käsitada tavaisikud (lühendatuna DBO, läbivalt selles standardis, vt alajaotis 3.1.101) vastavalt järgnevale: — need on ette nähtud käsitamiseks (nt lülitustoiminguteks ja sulavpanuste vahetamiseks) näiteks kodumajapidamisrakendustes; — nende väljundahelad sisaldavad kaitseseadiseid, mida tohivad käsitada tavaisikud ja mis vastavad nt standardi IEC 60898-1, standardisarjale IEC 61008, standardisarjale IEC 61009, standardisarjale IEC 62423 ja standardi IEC 60269-3 nõuetele; — nende tunnuspinge maa suhtes ei ole vahelduvvoolu korral üle 300 V (vt tabel G.1, IEC 61439-1:2020); MÄRKUS Pingevahemikud alalisvoolu korral on kaalutlemisel. — nende väljundahelate tunnusvool (Inc) ei ole üle 125 A ja jaotuskilbi, mida tohivad käsitada tavaisikud, tunnusvool (InA) ei ole üle 250 A; — need on ette nähtud elektrienergia jaotamiseks; — need on kohtkindlad ning kinnise ehitusega; — need võivad olla ette nähtud nii sise- kui ka väliskasutuseks. Jaotuskilbid, mida tohivad käsitada tavaisikud, võivad sisaldada ka juhtimis- ja/või signalisatsiooniseadmeid, mis on seotud elektrienergia jaotamisega. Standard ei kehti üksikseadiste ega tervikkomponentide kohta, nagu kaitselülitid, sulavkaitsme ja lüliti kombinatsioonid, elektroonikaseadised jne, mis peavad vastama asjakohastele tootestandarditele. See kirjeldab seadiste või iseseisvate komponentide või nende mõlemate ühendamist jaotuskilbiks, mida tohivad käsitada tavaisikud, või selle tühjaks ümbriseks. Standard kehtib kõigi jaotuskilpide kohta, mida tohivad käsitada tavaisikud, sõltumata sellest, kas need on projekteeritud, valmistatud ja kontrollitud ühekaupa või täielikult standarditud ning valmistatud hulgi. Standard ei kehti standardisarja IEC 61439 muude osadega hõlmatud eriliiki koostete kohta. MÄRKUS Ümbrised elektritarvikutele majapidamis- ja muudes taolistes kohtkindlates elektripaigaldistes on hõlmatud standardiga IEC 60670-24.

Keel: en, et
Alusdokumendid: EN IEC 61439-3:2024; IEC 61439-3:2024
Asendab dokumenti: EVS-EN 61439-3:2012
Asendab dokumenti: EVS-EN 61439-3:2012/AC:2019

EVS-EN IEC 61442:2024

Test methods for accessories for power cables with rated voltages from 6 kV (Um = 7,2 kV) up to 36 kV (Um = 42 kV)

IEC 61442:2023 specifies the test methods applicable for type testing accessories for power cables with rated voltages from 3,6/6 (7,2) kV up to 18/30 (36) kV. The test methods specified in this document apply to accessories for extruded and paper insulated cables according to IEC 60502-2 and IEC 60055-1 respectively.

Keel: en
Alusdokumendid: IEC 61442:2023; EN IEC 61442:2024
Asendab dokumenti: EVS-EN 61442:2005

EVS-EN IEC 61442:2024/A11:2024

Test methods for accessories for power cables with rated voltages from 6 kV (Um = 7,2 kV) up to 36 kV (Um = 42 kV)

Amendment to EN IEC 61442:2024

Keel: en
Alusdokumendid: EN IEC 61442:2024/A11:2024
Muudab dokumenti: EVS-EN IEC 61442:2024

EVS-EN IEC 61557-13:2024

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 13: Käeshoitavad ja käsitsi manipuleeritavad voolutangid ja -andurid lekkevoolude mõõtmiseks elektrijaotussüsteemides Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 13: Hand-held and hand-manipulated current clamps and sensors for measurement of leakage currents in electrical distribution systems

IEC 61557-13:2023 defines special performance requirements for hand-held and hand manipulated current clamps and sensors for measurement of leakage currents in electrical distribution systems up to 1 000 V AC and 1 500 V DC taking into account the influence of high external low-frequency magnetic fields and other influencing quantities. See Annex A for examples of measurement applications. This document does not apply to current clamps or sensors that are used in combination with devices for insulation fault location in accordance with IEC 61557-9, unless it is specified by the manufacturer. IEC 61557-13:2023 cancels

and replaces the first edition published in 2011. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) the term "fixing device" has been removed; b) the measuring range was changed to a display range, the indication of DC or peak values has been added in 4.1; c) the frequency for the test of sensitivity for low-frequency magnetic fields has been defined in 4.2; d) the specified measuring range is now defined as the range of indicated values based on the operating uncertainty in 4.3; e) alignment of the structure with that of the whole IEC 61557 series; f) the variation E12 (maximum load current), may be specified according to the manufacturer's specification.

Keel: en
Alusdokumendid: IEC 61557-13:2023; EN IEC 61557-13:2024
Asendab dokumenti: EVS-EN 61557-13:2011

EVS-EN IEC 61557-14:2024

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 14: Masinate elektriseadmete ohutuse katsetusseadmed
Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 14: Equipment for testing the safety of electrical equipment of machinery

IEC 61557-14:2023 defines special requirements for test and measurement equipment used to determine the electrical safety of electrical equipment of machinery in accordance with IEC 60204-1. This International Standard is to be used in conjunction with IEC 61557-1:2019. IEC 61557-14:2023 cancels and replaces the first edition published in 2013. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) clarifying the introduction; b) replaced "dielectric strength" by "voltage test"; c) requirement for maximum output current has been added in 4.2.6.1; d) tripping time at electrical switching activated by two-hand operation has been added in 4.2.6.1; e) additional time limiting capability for the protection against electric shock for test persons and bystanders in 4.2.6.2; f) updated references for safety testing; g) alignment of the structure with that of the whole IEC 61557 series.

Keel: en
Alusdokumendid: IEC 61557-14:2023; EN IEC 61557-14:2024
Asendab dokumenti: EVS-EN 61557-14:2013

EVS-EN IEC 61557-16:2024

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 16: Elektriseadmete ja/või meditsiiniliste elektriseadmete kaitsesüsteemide tõhususe katsetusseadmed
Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 16: Equipment for testing the effectiveness of the protective measures of electrical equipment and/or medical electrical equipment

IEC 61557-16:2023 specifies the requirements applicable to the performance for test and measurement equipment in order to determine the effectiveness of the protective measures for electrical equipment and/or medical electrical equipment described in IEC 62353. This International Standard is to be used in conjunction with IEC 61557-1:2019. IEC 61557-16:2023 cancels and replaces the first edition published in 2014. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) splitting of uncertainty requirements for medical and non-medical electrical equipment in 4.2.1; b) addition of a definition of ranges with defined uncertainty in 4.2.1 to 4.2.7; c) addition of an optional measuring device (MD) for non-medical devices in 4.2.1; d) addition of a limitation of the maximum intrinsic uncertainty for medical applications at leakage current in 4.2.1; e) change of 4.2.3 from test sockets to sockets for service purposes; f) addition of a warning in the operating instructions; g) integration of former 6.3 into 6.2; h) update of Table 1; i) alignment of the structure with that of the whole IEC 61557 series.

Keel: en
Alusdokumendid: IEC 61557-16:2023; EN IEC 61557-16:2024
Asendab dokumenti: EVS-EN 61557-16:2015

EVS-EN IEC 62683-2-3:2024

Low-voltage switchgear and controlgear - Product data and properties for information exchange - Engineering data - Part 2-3: Functional safety and reliability

IEC 62683-2:2024 specifies the functional safety and reliability data model descriptions for low-voltage switchgear and controlgear to be used by engineering tools for the design of safety related control systems according to IEC 62061, IEC 61508-2 and ISO 13849-1, and for dependability analysis of electrotechnical systems. This dictionary is used to facilitate the exchange between computers of data characterizing low-voltage switchgear and controlgear. Each property has an unambiguously defined meaning and naming, and where relevant, a defined value list, a defined format and a defined unit. The data models described in this document are intended to complement the product catalogue data defined by IEC 62683-1. This document does not cover: - exchange format such as defined in VDMA 66413, - explosive atmosphere applications, - manufacturer specific features.

Keel: en
Alusdokumendid: IEC 62683-2-3:2024; EN IEC 62683-2-3:2024

EVS-EN IEC 63522-8:2024

Electrical relays - Tests and measurements - Part 8: Timing

IEC 63522-8:2024, when required by the detail specification, is used for testing all kinds of relays. This test can also be used for similar devices when specified in a detail specification. This document defines a standard test method to ensure that the relay times are within the specified limits.

Keel: en
Alusdokumendid: IEC 63522-8:2024; EN IEC 63522-8:2024

EVS-HD 60269-2:2013/A2:2024

Madalpingelised sulavkaitsmed. Osa 2: Lisanõuded volitatud isikute poolt (peamiselt tööstusrakendustes) kasutatavatele sulavkaitsmetele. Kaitsmete standardsüsteemide A kuni K näited
Low-voltage fuses - Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) - Examples of standardized systems of fuses A to K

Amendment to HD 60269-2:2013

Keel: en
Alusdokumendid: IEC 60269-2:2013/AMD2:2024; HD 60269-2:2013/A2:2024
Muudab dokumenti: EVS-HD 60269-2:2013

EVS-HD 60364-7-701:2024

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne või dušše sisaldavad paigad
Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower

Standardisarja IEC 60364 selle osa erinõudeid rakendatakse sise- või välispaikade elektripaigaldistele, milles kindlasse kohta on ette nähtud kestvalt paigutada vann ja/või dušš. Vanni ja/või dušši sisaldava paiga ulatus on piiratud — põranda madalaima viimistletud pinnaga, — põranda viimistletud pinnast 3 m kõrgusel paikneva rõhttasandiga, — vanni või duši kohtkindlat veeväljundit 4 m kauguselt ümbritseva mõttelise püstpinnaga ja — vanni või dušši sisaldavat paika piiravate seinte, põranda ja lae ruumalaga sügavuseni kuni 6 cm. MÄRKUS 1 Eemaldatava dušisõela ja paindvooliku puhul loetakse kohtkindlaks veeväljundiks paindvooliku toitepoolne ots. Selle dokumendi nõuded kehtivad ka mobiilsete rakenduste kohtkindlatele elektripaigaldistele, näiteks haagiselamutes, teisaldatavates elamutes ja liikuvates dušikabiinides. See dokument ei kehti hädapaigaldiste, nt tööstuspiirkondades või laboratooriumides kasutatavate hädaduššide kohta. MÄRKUS 2 Ruumide kohta, mis sisaldavad meditsiiniotstarbelist vanni või dušši, võib vaja olla erinõudeid. MÄRKUS 3 Eeltöödeldud vanni- ja/või dušiüksuste kohta vt ka standard IEC 60335-2-105.

Keel: en
Alusdokumendid: HD 60364-7-701:2024; IEC 60364-7-701:2019
Asendab dokumenti: EVS-HD 60364-7-701:2007
Asendab dokumenti: EVS-HD 60364-7-701:2007/A11:2011
Asendab dokumenti: EVS-HD 60364-7-701:2007/A12:2017
Asendab dokumenti: EVS-HD 60364-7-701:2007/AC:2011
Asendab dokumenti: EVS-HD 60364-7-701:2007+A11:2011
Asendab dokumenti: EVS-HD 60364-7-701:2007+A11+A12

EVS-HD 60364-7-701:2024/A11:2024

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne või dušše sisaldavad paigad
Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower

Standardi HD 60364-7-701:2024 muudatus

Keel: en
Alusdokumendid: HD 60364-7-701:2024/A11:2024
Muudab dokumenti: EVS-HD 60364-7-701:2024

EVS-HD 60364-7-701:2024+A11:2024

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne või dušše sisaldavad paigad
Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower (IEC 60364-7-701:2019)

Standardisarja IEC 60364 selle osa erinõudeid rakendatakse sise- või välispaikade elektripaigaldistele, milles kindlasse kohta on ette nähtud kestvalt paigutada vann ja/või dušš. Vanni ja/või dušši sisaldava paiga ulatus on piiratud — põranda madalaima viimistletud pinnaga, — põranda viimistletud pinnast 3 m kõrgusel paikneva rõhttasandiga, — vanni või duši kohtkindlat veeväljundit 4 m kauguselt ümbritseva mõttelise püstpinnaga ja — vanni või dušši sisaldavat paika piiravate seinte, põranda ja lae ruumalaga sügavuseni kuni 6 cm. MÄRKUS 1 Eemaldatava dušisõela ja paindvooliku puhul loetakse kohtkindlaks

veeväljundiks paindvooliku toitepoolne ots. Selle dokumendi nõuded kehtivad ka mobiilsete rakenduste kohtkindlatele elektripaigaldistele, näiteks haagiselamutes, teisaldatavates elamutes ja liikuvates dušikabiinides. See dokument ei kehti hädapaigaldiste, nt tööstuspiirkondades või laboratooriumides kasutatavate hädaduššide kohta. MÄRKUS 2 Ruumide kohta, mis sisaldavad meditsiiniotstarbelist vanni või dušši, võib vaja olla erinõudeid. MÄRKUS 3 Eeltöödeldud vanni- ja/või dušiüksuste kohta vt ka standard IEC 60335-2-105.

Keel: en, et
Alusdokumendid: HD 60364-7-701:2024/A11:2024; HD 60364-7-701:2024; IEC 60364-7-701:2019
Asendab dokumenti: EVS-HD 60364-7-701:2007
Asendab dokumenti: EVS-HD 60364-7-701:2007/A11:2011
Asendab dokumenti: EVS-HD 60364-7-701:2007/A12:2017
Asendab dokumenti: EVS-HD 60364-7-701:2007/AC:2011
Asendab dokumenti: EVS-HD 60364-7-701:2007+A11:2011
Asendab dokumenti: EVS-HD 60364-7-701:2007+A11+A12
Konsolideerib dokumenti: EVS-HD 60364-7-701:2024
Konsolideerib dokumenti: EVS-HD 60364-7-701:2024/A11:2024

31 ELEKTROONIKA

EVS-EN IEC 60825-4:2024

Lasertoodete ohutus. Osa 4: Kaitsed laserite eest
Safety of laser products - Part 4: Laser guards

IEC 60825-4:2022 deals with basic issues concerning laser guards, including human access, interlocking and labelling, and gives general guidance on the design of protective housings and enclosures for high-power lasers. Laser guards may also comply with standards for laser protective eyewear, but such compliance is not necessarily sufficient to satisfy the requirements of this document. This part of IEC 60825 specifies the requirements for laser guards, permanent and temporary (for example for service), that enclose the process zone of a laser processing machine, and specifications for proprietary laser guards. This document applies to all component parts of a guard including clear (visibly transmitting) screens and viewing windows, panels, laser curtains and walls. In addition, this document indicates - how to assess and specify the protective properties of a laser guard, and - how to select a laser guard.

Keel: en
Alusdokumendid: IEC 60825-4:2022; EN IEC 60825-4:2024
Asendab dokumenti: EVS-EN 60825-4:2006
Asendab dokumenti: EVS-EN 60825-4:2006/A1:2008
Asendab dokumenti: EVS-EN 60825-4:2006/A2:2011

EVS-EN IEC 60947-4-3:2024

Madalpingelised lülitusaparaadid. Osa 4-3: Kontaktorid ja mootorikäivitid. Vahelduvvoolu pooljuhtkontrollerid ja -käivitid mitte-mootorkoormustele
Low-voltage switchgear and controlgear - Part 4-3: Contactors and motor-starters - Semiconductor controllers and semiconductor contactors for non-motor loads

IEC 60947-4-3:2020(E) applies to semiconductor controllers and semiconductor contactors for non-motor load intended to be connected to circuits, the rated voltage of which does not exceed 1 000 V AC. It covers their use: – for operations of changing the state of AC electric circuits between the ON-state and the OFF-state; – with or without bypass switching devices; – as controller, for reducing the amplitude of the RMS AC voltage. This third edition cancels and replaces the second edition published in 2014. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) scope exclusions; b) editorial correction of notes and hanging paragraphs; c) safety aspects related to: - general aspects; - limited energy circuits; - electronic circuits; d) mention of dedicated wiring accessories; e) power consumption measurement; f) alignment to IEC 60947-1:2020; g) alignment with IEC 60947-4-2 when appropriate.

Keel: en
Alusdokumendid: IEC 60947-4-3:2020; EN IEC 60947-4-3:2024
Asendab dokumenti: EVS-EN 60947-4-3:2014

33 SIDETEHNIKA

EVS-EN 301 893 V2.2.1:2024

5 GHz WAS/RLAN; Raadiospektrile juurdepääsu harmoneeritud standard
5 GHz WAS/RLAN; Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurement for Wireless Access Systems (WAS) including Radio Local Area Network (RLAN) equipment operating in the 5 GHz RLAN band. The present document specifies spectrum access requirements to facilitate spectrum sharing with other equipment. Radio equipment capable of operating in all or parts of the service frequency bands given in table 1 is within the scope of the present document. Table 1: Service frequency bands (Transmit and Receive) Sub-band 1; Sub-band 2; Sub-band 3 5 150 MHz to 5 250 MHz; 5 250 MHz to 5 350 MHz; 5 470 MHz to 5 725 MHz; Provisions for radio equipment capable of operating in all or parts of the 5 725 MHz to 5 850 MHz frequency band (sub-band 4 as given in table B.1) are contained in annex B. However, operation in sub-band 4 is subject to national frequency usage conditions. The present document also contains provisions for equipment operating on channels whose nominal channel bandwidth falls partly in sub-band 3 and partly in sub-band 4. NOTE 1: The technical requirements for equipment operating in the service frequency bands identified in table 1 are contained in the main part of the present document (see clause 4) while the technical requirements for equipment operating in the service frequency band identified in table B.1 are contained in

annex B. NOTE 2: 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 301 893 V2.2.1

35 INFOTEHNOLOOGIA

CEN/CLC/TR 17894:2024
Artificial Intelligence - Artificial Intelligence Conformity Assessment

This document sets out a review of the current methods and practices (including tools, assets, and conditions of acceptability) for conformity assessment in respect to, among others, products, services, processes, management systems, organizations, or persons, as relevant for the development and use of AI systems. It includes an industry horizontal (vertical agnostic) perspective as well as an industry vertical perspective. This document focuses only on the process of assessment and gap analysis of conformity. It defines the objects of conformity related to AI systems and all other related aspects of the process of conformity assessment. The document also reviews to what extent AI poses specific challenges with respect to assessment of, for example, software engineering, data quality and engineering processes. This document takes into account requirements and orientations from policy frameworks such as the EU AI strategy and those from CEN and CENELEC member countries. This document is intended for technologists, standards bodies, regulators and interested parties.

Keel: en
Alusdokumendid: CEN/CLC/TR 17894:2024

CEN/TS 17011-3:2024
Electronic Public Procurement - Architecture - Part 3: Customisation Guideline

This document describes: - the rationale for building customisation supporting business cases that are specific to their business environment while maintaining organisational and semantic interoperability with the TC 440 specifications; - the difference between Usage specification and Extension specification; - a methodology on how to define customisations on: - BII Transaction specification, - Business rules, - Code lists; - how to claim compliance or conformance to a customisation of a TC 440 specification; - the connection to the eProcurement Ontology project. This specification does not describe the detailed process of building an extension.

Keel: en
Alusdokumendid: CEN/TS 17011-3:2024

CEN/TS 17118:2024
Intelligent transport systems - Public transport - Open API for distributed journey planning

The Technical Specification will be adapted in the following way: • OJP will be realigned with the latest Transmodel version and NeTEx issues, where appropriate (e.g. New Modes) • The integration of new modes especially the conceptual equivalency to major multi-modal standards shall be studied and if necessary, adaptions to OJP occur. The idea is to study OSDM, TOMP, TRIAS and GBFS/GOFS. The interactions should be smooth. Interaction between OJP and distribution features will be settled. • OJP is extended as far into the distribution area as it is considered a good idea. For the actual booking and purchase steps, OSDM, TOMP, TRIAS and/or GOFS are to be used. The line we think to draw is: booking. OJP should not transfer personalized information. This results in the following proposed adaptions to fit OJP into a full MaaS roaming environment: o An availability request (with response) o Token/id handling for trips and trip legs (for hand-over) and pushed information during trips. We will need to model bookable items on some level. o OJPFare needs to be extended/adapted. o TripInfoRequest and -Response need to be updated to reflect, information about trips and trip legs and not only vehicle and journey. • All work prepared under the heading OJP 1.1 will be finalised. • EPIAP (Accessibility) minimal profile will be used to verify that the trip planning can make use of it. • The provision of an OpenAPI and REST/JSON derived directly from the XSD shall be studied (eventually using a converter).

Keel: en
Alusdokumendid: CEN/TS 17118:2024
Asendab dokumenti: CEN/TS 17118:2017

CEN/TS 17489-2:2024
Secure and interoperable European Breeder Documents — Part 2: Data model

This document specifies the abstract data model for breeder document data and the specific encodings of this abstract data model used in the CEN breeder document framework. The abstract data model is a semantic description of the birth, marriage / partnership, and death certificate data, independently from their specific encoding. This abstract data model is extensible for further standardized and proprietary data of birth, marriage / partnership, and death certificates as well as for other types of breeder documents. This abstract data model is technology agnostic, i.e. it is applicable for paper-based, server-based, and hardware-based breeder documents as well as further breeder document designs and technologies. The specific encodings of this abstract data model comprise the encodings to be used for the machine readable technologies specified in part 3 of the framework as well as the encoding of human readable breeder document data. These encodings are used in the birth, marriage / partnership, and death certificate profiles specified in part 4 of the framework.

Keel: en
Alusdokumendid: CEN/TS 17489-2:2024

EVS-EN ISO 17573-3:2024

Electronic fee collection - System architecture for vehicle-related tolling - Part 3: Data dictionary (ISO 17573-3:2024)

This document specifies the syntax and semantics of data objects in the field of electronic fee collection (EFC). The definitions of data types and assignment of semantics are provided in accordance with the abstract syntax notation one (ASN.1) technique, as specified in ISO/IEC 8824-1. This document defines: — ASN.1 (data) types within the field of EFC; — ASN.1 (data) types of a more general use that are used more specifically in standards related to EFC. This document does not seek to define ASN.1 (data) types that are primarily related to other fields that operate in conjunction with EFC, such as cooperative intelligent transport systems (C-ITS), the financial sector, etc.

Keel: en
Alusdokumendid: ISO 17573-3:2024; EN ISO 17573-3:2024
Asendab dokumenti: EVS-EN ISO 17573-3:2023

43 MAANTEESÕIDUKITE EHITUS

EVS-EN 17860-5:2024

Carrier cycles - Part 5: Electrical aspects

This document applies to: - functional and electrical safety aspects of carrier cycles covered in all parts of EN 17860; - electrical aspects of electrically power assisted cycle trailers (EPACT) covered in prEN 17860-7; - electrical aspects of batteries used for carrier cycles; - electrical aspects of chargers used for carrier cycles. This document does not apply to charging stations. This document specifies requirements and test methods for motor power management systems, electrical circuits including the charger for the assessment of the design and assembly of carrier cycles and subassemblies for systems having a Safety Extra Low Voltage (SELV) maximum working voltage ≤ 60 V d.c. disregarding transients.

Keel: en
Alusdokumendid: EN 17860-5:2024

EVS-EN 17860-7:2024

Carrier cycles - Part 7: Cargo trailers

This document specifies safety requirements and test methods for single and multi-axle cargo trailers and their connecting devices. This document applies to cargo trailers with a maximum gross vehicle weight of 600 kg. This document is not applicable to trailer for transportation of passengers, usually children and for type of trailers which use fifth wheel for connecting to the front cycles as listed in the Table 1 in this document. Table 1 - Types of cycle trailers Type of trailer Applicability of this document Multi track single axle Applicable Multi track multi axle Applicable Single track with single axle or multi axle Not applicable Fifth wheel trailer with single axle or multi axle Not applicable Usage Cargo Applicable People/children/pet Not applicable NOTE Requirements and test methods for electrical assistance for electrically assisted cargo trailers are covered by prEN 17860-5:2023.

Keel: en
Alusdokumendid: EN 17860-7:2024

45 RAUDTEETEHNIKA

CLC/TS 50712:2024

Railway applications - Current collection systems - Technical criteria for the interaction between pantograph and overhead contact lines on electrified roads

This document defines the general characteristics applicable to pantographs for ERS, to enable dynamic current collection of road vehicles from an overhead contact line system. It furthermore defines the electrical and mechanical interface between a pantograph and the infrastructure and between a pantograph and the vehicle. The document also specifies tests for the pantograph. It includes recommendations for a common safety concept that is related to the electric vehicle and power supply infrastructure and gives recommendations for the maintenance of the pantograph. This document is applicable to: - Two-pole pantographs on commercial vehicles during operation on electrified public roads and highways. This document is not applicable to: - trolley busses and their electric equipment; - vehicles in private applications on roads in restricted areas such as truck trolley applications in mines; - commercial freight vehicles or electric busses with static-only charging systems at e.g. loading/unloading facilities or bus stops.

Keel: en
Alusdokumendid: CLC/TS 50712:2024

EVS-EN 14750:2024

Railway applications - Air conditioning for urban, suburban and regional rolling stock: Comfort parameters and type tests

This document establishes thermal comfort parameters for areas accessible to passengers and staff on railway vehicles. This document also specifies conditions, performance values and the comfort parameter validation methods. This document is applicable to urban (metro, tramway), suburban and/or regional vehicles equipped with cooling and/or heating/ventilation systems. This document does not apply to main line vehicles and driver's cabs which are considered in separate Standards.

Keel: en
Alusdokumendid: EN 14750:2024
Asendab dokumenti: EVS-EN 14750-1:2006
Asendab dokumenti: EVS-EN 14750-2:2006

EVS-EN 15663:2017+A2:2024

Raudteealased rakendused. Veeremi lähtekaalud
Railway applications - Vehicle reference masses

This European Standard defines a set of reference masses for specifying the requirements for the design, testing, acceptance, marking, delivery and operation of rail vehicles. The reference masses defined in this document are as follows: - dead mass; - design mass in working order; - design mass under normal payload; - design mass under exceptional payload; - operational mass in working order; - operational mass under normal payload. These reference masses are defined with respect to the whole vehicle, but they can also apply to a specific system or component. The specification of values for tolerances applicable to reference masses is not in the scope of this standard. Tolerances can be required by an application standard. Additional loadings due to environmental factors, for example snow and retained or absorbed rainwater, are not in the scope of this European Standard.

Keel: en
Alusdokumendid: EN 15663:2017+A2:2024
Asendab dokumenti: EVS-EN 15663:2017+A1:2018

EVS-EN 17530:2022+A1:2024

Railway applications - Interior glazing for rail vehicles

This document specifies the functional, performance, and quality requirements for the interior glazing of rail vehicles including type testing, routine testing, and inspection methods. This document applies to all rail vehicles. Determination of the size, shape, orientation and position of interior glazing is outside the scope of this document. This document does not specify requirements for the interfaces between the interior glazing and the vehicle. Accordingly, this document does not address issues relating to installation and structural integrity. This document does not apply to interior glazing with a surface less than 0,02 m2 and also emergency device casings (e.g. cover sheets for emergency hammers, passenger alarm systems, etc). This document does not apply to materials other than glass. For safety reasons, where the use of a specific type of glass is required, this shall be set out in the technical specification or defined in national rules.

Keel: en
Alusdokumendid: EN 17530:2022+A1:2024
Asendab dokumenti: EVS-EN 17530:2022

EVS-EN 50728:2024

Raudteealased rakendused. Raudteeveerem. Elektromagnetilise ühilduvuse testimine rööbasahelatega
Railway applications - Rolling stock - Testing for electromagnetic compatibility with track circuits

This document defines the measurement and evaluation methods of rolling stock interference current emissions to demonstrate compatibility with track circuits. This includes rolling stock with or without traction equipment. The established limits for compatibility are defined in ERA/ERTMS/033281, PD CLC/TS 50238-2 or NNTRs as current flowing between the vehicle and the electric traction power supply system that can disturb the track circuit receiver, as part of the track circuit system. Additionally, the referred documents can define a minimum rolling stock impedance in order to guarantee compatibility between the electric traction power supply system and track circuits. This document is relevant to the interference current limits defined in the "frequency management" for track circuits as defined in ERA/ERTMS/033281. It is also applicable to the demonstration of compatibility with all other types of track circuits which have established compatibility according to EN 50617-1. Finally, the methodology defined in this document can also be applied to other track circuit types, including those for which the only requirements are defined in NNTRs. NOTE 1 Interface parameters between rolling stock and track circuits other than interference currents and impedance are out of the scope of this document. NOTE 2 For track circuits prone to wrong side failures additional precautions might be needed to mitigate safety risks. The necessary precautions and safety considerations are outside the scope of this document, but can be found in NNTRs.

Keel: en
Alusdokumendid: EN 50728:2024

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN IEC 62288:2022/A1:2024

Maritime navigation and radiocommunication equipment and systems - Presentation of navigation-related information on shipborne navigational displays - General requirements, methods of testing and required test results

Amendment to EN IEC 62288:2022

Keel: en
Alusdokumendid: IEC 62288:2021/AMD1:2024; EN IEC 62288:2022/A1:2024
Muudab dokumenti: EVS-EN IEC 62288:2022

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 2213:2024

Aerospace series - Steel 15CrMoV6 (1.7334) - Air melted - Hardened and tempered - Bars - De ≤ 16 mm - 980 MPa ≤ Rm ≤ 1 180 MPa

This document specifies the requirements relating to: Steel 15CrMoV6 (1.7334) Air melted Hardened and tempered Bars De ≤ 16 mm 980 MPa ≤ Rm ≤ 1 180 MPa for aerospace applications. W.nr: 1.7334. ASD-STAN designation: FE-PL1505.

Keel: en
Alusdokumendid: EN 2213:2024
Asendab dokumenti: EVS-EN 2213:2012

EVS-EN 2252:2024

Aerospace series - Steel 15CrMoV6 (1.7334) - Forgings - De ≤ 100 mm - 1 080 MPa ≤ Rm ≤ 1 250 MPa

This document specifies the requirements relating to: Steel 15CrMoV6 (1.7334) Forgings De ≤ 100 mm 1 080 MPa ≤ Rm ≤ 1 250 MPa for aerospace applications. W.nr: 1.7334. ASD-STAN designation: FE-PL1505.

Keel: en
Alusdokumendid: EN 2252:2024
Asendab dokumenti: EVS-EN 2252:2012

EVS-EN 2714-014:2024

Aerospace series - Cables, electrical, single and multicore for general purpose - Operating temperatures between -55 °C and 260 °C - Part 014: DR family, 1 to 11 cores, taped, screened (braided) and jacketed, UV laser printable - Product standard

This document specifies the characteristics of UV laser printable DR family, 1 to 11 cores, taped, screened (braided) and jacketed electrical lightweight cables for use in the on-board electrical systems of aircraft, at operating temperatures between −55 °C and 260 °C. Nevertheless, if needed, −65 °C is also acceptable as shown by cold test. It is possible to mark these cables by qualified compatible marking, in line with EN 3838.

Keel: en
Alusdokumendid: EN 2714-014:2024
Asendab dokumenti: EVS-EN 2714-014:2016

EVS-EN 3475-606:2024

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 606: Wicking Test on Textile Braid Insulation

This document specifies the test methods to evaluate the wicking of wire and cable insulated with textile braid. It is intended to be used together with EN 3475-100.

Keel: en
Alusdokumendid: EN 3475-606:2024

EVS-EN 3480:2024

Aerospace series - Steel X6CrNiTi18-10 (1.4541) - Air melted - Softened - Plates - 6 mm < a ≤ 50 mm - 500 MPa ≤ Rm ≤ 700 MPa

This document specifies the requirements relating to: Steel X6CrNiTi18-10 (1.4541) Air melted Softened Plates 6 mm < a ≤ 50 mm 500 MPa ≤ Rm ≤ 700 MPa for aerospace applications. W.nr: 1.4541. ASD-STAN designation: FE-PA3601.

Keel: en
Alusdokumendid: EN 3480:2024
Asendab dokumenti: EVS-EN 3480:2007

EVS-EN 3523:2024

Aerospace series - Steel 15CrMoV6 (1.7334) - Air melted - Hardened and tempered - Bars for machining - De ≤ 100 mm - 1 080 MPa ≤ Rm ≤ 1 280 MPa

This document specifies the requirements relating to: Steel 15CrMoV6 (1.7334) Air melted Hardened and tempered Bars for machining De ≤ 100 mm 1 080 MPa ≤ Rm ≤ 1 250 MPa for aerospace applications. W.nr: 1.7334. ASD-STAN designation: FE-PL1505.

Keel: en
Alusdokumendid: EN 3523:2024
Asendab dokumenti: EVS-EN 3523:2007

EVS-EN 3661-001:2024

Aerospace series - Circuit breakers, single-pole, temperature compensated, rated currents 20 A to 50 A - Part 001: Technical specification

This document specifies the single-pole temperature compensated circuit breakers with signal contacts, polarized or not, rated from 20 A to 50 A and used in aircraft on-board circuits. It describes specific environmental, electrical and mechanical characteristics and the stringency of tests to be applied according to test methods of EN 3841-100. These circuit breakers are intended for use in aircraft with electrical supplies in accordance with EN 2282 (all parts).

Keel: en
Alusdokumendid: EN 3661-001:2024
Asendab dokumenti: EVS-EN 3661-001:2006

EVS-EN 3662-001:2024

Aerospace series - Circuit breakers, three-pole, temperature compensated, rated currents 20 A to 50 A - Part 001: Technical specification

This document specifies the three-pole temperature compensated circuit breakers with signal contacts, polarized or not, rated from 20 A to 50 A and used in aircraft on-board circuits. It describes specific environmental, electrical and mechanical characteristics and the stringency of tests to be applied according to test methods of EN 3841-100. These circuit breakers are intended for use in aircraft with electrical supplies in accordance with EN 2282 (all categories).

Keel: en
Alusdokumendid: EN 3662-001:2024
Asendab dokumenti: EVS-EN 3662-001:2006

EVS-EN 3773-001:2024

Aerospace series - Circuit breakers, single-pole, temperature compensated, rated currents 1 A to 25 A - Part 001: Technical specification

This document specifies the single-pole temperature compensated circuit breakers rated from 1 A to 25 A and used in aircraft on-board circuits. It describes specific environmental, electrical and mechanical characteristics and the stringency of tests to be applied according to test methods of EN 3841-100. These circuit breakers are intended for use in aircraft with electrical supplies in accordance with EN 2282.

Keel: en
Alusdokumendid: EN 3773-001:2024
Asendab dokumenti: EVS-EN 3773-001:2014

EVS-EN 3774-001:2024

Aerospace series - Circuit breakers, three-pole, temperature compensated, rated currents 1 A to 25 A - Part 001: Technical specification

This document specifies the three-pole temperature compensated circuit breakers, rated from 1 A to 25 A used in aircraft on-board circuits. It describes specific environmental, electrical and mechanical characteristics and the stringency of tests to be applied according to test methods of EN 3841 100. These circuit breakers are intended for use in aircraft with electrical supplies in accordance with EN 2282.

Keel: en
Alusdokumendid: EN 3774-001:2024
Asendab dokumenti: EVS-EN 3774-001:2014

EVS-EN 4681-002:2024

Aerospace series - Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium - Part 002: General

This document specifies the list of product standards and common characteristics of electrical cables for general purpose with conductors in aluminium or copper-clad aluminium, intended for installation in aircraft electrical systems.

Keel: en
Alusdokumendid: EN 4681-002:2024
Asendab dokumenti: EVS-EN 4681-002:2012

EVS-EN 4681-003:2024

Aerospace series - Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium - Part 003: AD family, Single, UV laser printable - Product standard

This document specifies the characteristics of UV laser printable electrical lightweight wires AD family for use in the on-board 115 V (phase to neutral) or 200 V (phase to phase) AC, 28 VDC electrical systems of aircraft at operating temperatures between −65 °C and 180 °C. These cables are demonstrated to be arc resistant in sizes AWG 24 to 14 (115 VDC/200 VDC). In addition, these cables can be suitable for use at 230 VAC/400 VAC in pressurized zones only when installed to take account of possible short circuit effects. Other electrical system configurations are the responsibility of the users. It is also possible to mark these cables by qualified compatible marking which satisfies the requirements of EN 3838:2022.

Keel: en
Alusdokumendid: EN 4681-003:2024

EVS-EN 4681-004:2024

Aerospace series - Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium - Part 004: ADA family, Single and multicore assembly - Product standard

This document specifies the characteristics of UV laser printable electrical lightweight wires ADA family for use in the on-board 115 V (phase to neutral) or 200 V (phase-to-phase) AC, 28 VDC electrical systems of aircraft at operating temperatures between −65 °C and 180 °C. These cables are demonstrated to be arc resistant in sizes AWG 26 to 14 (115 VAC/200 VAC). In addition, these cables can be suitable for use at 230 VAC/400 VAC in pressurized zones only when installed to take account of possible short circuit effects. Other electrical system configurations are the responsibility of the users. It is also possible to mark these cables by qualified compatible marking which satisfies the requirements of EN 3838:2022.

Keel: en
Alusdokumendid: EN 4681-004:2024

EVS-EN 4908:2024

Aerospace series - Hexavalent chromium free chemical conversion process of magnesium and magnesium alloys

This document specifies the requirements for the hexavalent chromium free chemical conversion process of magnesium and magnesium alloys to ensure an adhesion base before bonding and painting. The purpose of this document is to specify design, quality and manufacturing requirements. It does not specify complete in-house process instructions; these are specified in the processors detailed process instructions.

Keel: en
Alusdokumendid: EN 4908:2024

EVS-EN 6059-505:2024

Aerospace series - Electrical cables, installation - Protection sleeves - Test methods - Part 505: Lightning strike and current pulse

This document specifies a method to measure the ability of a protective sleeve to withstand specified severities of simulated lightning strikes.

Keel: en
Alusdokumendid: EN 6059-505:2024

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 12957-2:2024

Geosynthetics - Determination of friction characteristics - Part 2: Inclined plane test (ISO 12957-2:2024)

This document specifies a method to determine the friction characteristics of geosynthetics (geotextiles and geotextile-related products, geosynthetic barriers) in contact with soils or another geosynthetic, at low normal stress, using an inclining plane apparatus. This test method is primarily intended as a performance test to be used with site specific soils but is also used as an index test with standard sand. It is also possible to measure the displacement of the interface over time (creep phenomenon) without necessarily reaching the slippage failure. Test data obtained for geogrids tested with a rigid support are not necessarily realistic as the results depend on the friction support.

Keel: en
Alusdokumendid: ISO 12957-2:2024; EN ISO 12957-2:2024
Asendab dokumenti: EVS-EN ISO 12957-2:2005

EVS-EN ISO 17234-1:2024

Leather - Chemical tests for the determination of certain azo colourants in dyed leathers - Part 1: Determination of certain aromatic amines derived from azo colourants (ISO 17234-1:2024)

This document specifies a method to determine certain aromatic amines derived from azo colourants.

Keel: en
Alusdokumendid: ISO 17234-1:2024; EN ISO 17234-1:2024
Asendab dokumenti: EVS-EN ISO 17234-1:2020

61 RÕIVATÖÖSTUS

EVS-EN 17487:2024

Kaitseriietus. Puugihammustuste eest kaitsvad permetriiniga töödeldud esemetega rõivad Protective clothing - Garments with permethrin as-treated articles supporting the protection against tick bites

This document specifies requirements for garments that support the protection against tick bites. The document applies to body covering garments (at least covering the torso, arms and legs) where protection against tick bites, which is provided by garments as physical barriers, is reinforced by industrial treatment with the biocide permethrin of the fabrics, fibres or yarns prior to confection. The specified requirements focus on prevention of bites by the nymph stage of the tick Ixodes ricinus, which is the

most relevant stage and species for public and occupational health in Europe. This document specifies requirements and the tests for garments containing permethrin to provide sufficient assistance in protection against tick bites, and to be durable and safe for the user. NOTE 1 Non-permethrin containing garments covering the torso, arms and legs and feet offer some protection against tick bites, but are insufficient under high exposure to ticks, which can crawl over the fabric to reach bare skin and bite. Garments that comply with this document and cover at least torso, arms and legs to counter ticks from crawling over the fabric to reach bare skin and bite thereby provide substantial protection. NOTE 2 The importance of following manufacturers laundering instructions to prevent early deterioration of the effect of permethrin treatment is stressed throughout the document.

Keel: en
Alusdokumendid: EN 17487:2024

65 PÕLLUMAJANDUS

EVS-EN 13684:2018+A1:2024

Aiandusseadmed. Jalgsi juhitavad muruõhutid (aeraatorid) ja kobestid. Ohutus
Garden equipment - Pedestrian controlled lawn aerators and scarifiers - Safety

This European Standard specifies safety requirements and their verification for the design and construction of pedestrian controlled internal combustion engine powered lawn aerators and scarifiers which are designed for re-generating lawns by, for instance, combing out grass, thatch and moss or cutting vertically into the lawn face using tines which rotate about a horizontal axis. It describes methods of elimination or reduction of hazards arising from their use. In addition, it specifies the type of information to be provided by the manufacturer on safe working practices. Throughout this document, the term "machine" applies to those machines known as aerators, scarifiers, corers, lawn rakes or grass rakes. It does not apply to: - aerators/scarifiers made from a machine falling within the scope of EN 709:1997+A4:2009 when fitted with an aerating/scarifying implement; - non-powered aerators; - vertical axis aerators; or - those aerators which cut into the soil by means of a reciprocating motion or by water pressure. It deals with all significant hazards, hazardous situations and events relevant to scarifiers and aerators, when they are used as intended and under the conditions foreseeable by the manufacturer (see Clause 4). Environmental hazards have not been considered in this document. This document is not applicable to aerators/scarifiers which are manufactured before the date of its publication.

Keel: en
Alusdokumendid: EN 13684:2018+A1:2024
Asendab dokumenti: EVS-EN 13684:2018

EVS-EN 1482-1:2024

Fertilizers, liming materials and inhibitors - Sampling and sample preparation - Part 1: General sampling provisions

This document specifies sampling plans and methods of representative sampling of inorganic fertilizers, liming materials and inhibitors for physical and chemical analysis, from packages and containers up to and including 1 000 kg, in liquid and solid form. This document covers sampling of products in bulk only while in motion. NOTE 1 The sampling of bulk heaps of specified types of fertilizers is covered in prEN 1482 3. Sampling for detection of microbial presence is covered by prEN 1482 4. NOTE 2 The term product is used throughout the body of this document and is understood to include inorganic fertilizers, liming materials and inhibitors unless otherwise indicated. It is applicable to the sampling of batches of fertilizer, liming material and inhibitors supplied or ready for supply to third parties, as such, or in smaller batches, each of which would be subject to local, national or regional legislation. This document does not cover complete, statistical sampling plans. This document is also applicable to the blends of products where inorganic fertilizers, liming materials, or inhibitors are the main part of the blend in quantity. If fertilizers, liming materials, or inhibitors are not the main part of the blend, the European Standard for the main part of the blend applies. In case a blend of fertilizing products is composed of parts in equal quantity, the user decides which standard to apply. Special care is needed to ensure that the blend is/stays homogeneous and well mixed when sampled. NOTE 3 It is the responsibility of manufacturers, importers and sellers, however, to ensure they supply a product that complies with its label declaration at the moment of delivery and fulfils the expectations of the end user at the moment of application.

Keel: en
Alusdokumendid: EN 1482-1:2024
Asendab dokumenti: EVS-EN 1482-1:2007

EVS-EN 1482-2:2024

Fertilizers, liming materials and inhibitors - Sampling and sample preparation - Part 2: General sample preparation provisions

This document specifies methods for the reduction and preparation of samples of fertilizers, liming materials, inhibitors and blends and sets out the requirements for sample preparation reports. It also specifies methods for the preparation of test samples and test portions from laboratory samples of fertilizer for subsequent chemical or physical analysis. It does not cover the preparation of samples for certain physical tests which require test portions of more than 2 kg. NOTE 1 The term “fertilizer” is used throughout the body of this document and is understood to include liming materials and inhibitors unless otherwise indicated. NOTE 2 In relation to the procedures set out in this part of the standard any special procedures specific to a particular test method will be set out in that method standard.

Keel: en
Alusdokumendid: EN 1482-2:2024
Asendab dokumenti: EVS-EN 1482-2:2007

EVS-EN 1482-3:2024

Fertilizers, liming materials and inhibitors - Sampling and sample preparation - Part 3: Sampling of static heaps

This document is applicable to the sampling of the following solid inorganic fertilizers and liming materials supplied or ready for supply, and stored in static heaps: - Single nutrient fertilizers, - Uniform complex fertilizers, - Milled, granulated or dredged liming materials, - Any other materials deemed suitable for sampling by the method described in this part of the standard, for the purpose of testing for compliance with legal requirements and other descriptions and declarations. NOTE 1 The term “fertilizer” is used throughout the body of this document and includes liming materials and inhibitors unless otherwise indicated. NOTE 2 Manufacturers, importers and sellers might choose to use this method to obtain samples of other products or blends as well as long as both parties to a transaction agree. The build-up of a static heap often leads to granulometric segregation, which makes the collection of a truly representative sample unlikely. NOTE 3 It is the responsibility of manufacturers, importers and sellers, however, to ensure they supply a product that complies with its label declaration at the moment of delivery and fulfils the expectations of the end user at the moment of application.

Keel: en
Alusdokumendid: EN 1482-3:2024
Asendab dokumenti: EVS-EN 1482-3:2016

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 18033:2024

Food authenticity - Quantitation of equine DNA relative to mammalian DNA in raw beef (meat)

This document specifies a real-time PCR procedure for the quantitation of the amount of equine DNA relative to total mammalian DNA in a raw meat sample. Results of this equine assay are expressed in terms of equine (Equus genus) haploid genome copy numbers relative to total mammalian haploid genome copy numbers. This assay is specific for representatives of the genus Equus and therefore detects horse, mule, donkey and zebra DNA. The method has been previously validated in a collaborative study and applied to DNA extracted from samples that consist of raw horse meat in a raw beef (meat) background. The limit of detection has been determined experimentally to be at least 17 horse haploid genome equivalents (HGE) for both the equine PCR and the mammalian PCR based on the lowest dilution on the respective calibration curves through single laboratory validation. The lowest relative horse content of the target sequence included in the collaborative study was a mass fraction of 0,1 % based on gravimetrically prepared raw horse muscle tissue in a raw beef muscle tissue background. The compliance assessment process is not part of this document.

Keel: en
Alusdokumendid: EN 18033:2024

71 KEEMILINE TEHNOLOOGIA

EVS-EN 1657:2024

Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in the veterinary area - Test method and requirements (phase 2, step 1)

This document specifies a test method and the minimum requirements for fungicidal or yeasticidal 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. Products can only be tested at a concentration of 80 % or less, as some dilution is always produced by adding the test organisms and interfering substance. This document applies to products that are used in the veterinary area - i.e. in the breeding, husbandry, production, veterinary care facilities, transport and disposal of all animals except when in the food chain following death and entry into processing industry. This document also applies to products used for teat disinfection. 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 1 test.

Keel: en
Alusdokumendid: EN 1657:2024
Asendab dokumenti: EVS-EN 1657:2016

EVS-EN 17978:2024

Products used for treatment of water intended for human consumption and swimming pool water - Glass beads and glass granulate

This document is applicable to glass beads and glass granulate intended for treatment of water for human consumption, swimming pool and/or spa water. It solely describes the characteristics of glass beads and glass granulate and specifies the requirements and the corresponding test methods for glass beads and glass granulate. General information on glass beads and glass granulate and general rules relating to safety is provided in Annex A.

Keel: en
Alusdokumendid: EN 17978:2024

EVS-EN 901:2024

Chemicals used for treatment of water intended for human consumption - Sodium hypochlorite

This document is applicable to sodium hypochlorite used for treatment of water intended for human consumption. It describes the characteristics of sodium hypochlorite and specifies the requirements and the corresponding test methods for sodium hypochlorite. It gives information on its use in water treatment. It also determines the rules relating to safe handling and use of sodium hypochlorite (see Annex B). NOTE While this document is not applicable to sodium hypochlorite generated in situ (see bibliographic reference [6]), the limits for impurities and chemical parameters apply.

Keel: en
Alusdokumendid: EN 901:2024
Asendab dokumenti: EVS-EN 901:2013

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 18051:2024

Automotive fuels - Determination of content of butoxy-benzene in middle distillates - Gas chromatographic method using a flame ionization detector (GC-FID)

This document specifies a test method for the determination of the content of n-butyl phenyl ether (BPE, CAS: 1126-79-0, also known as butoxy-benzene) in gas oils, kerosene, diesel fuel and biodiesel blends. The method uses a two-column gas chromatograph with an FID-type of detector. The application range is 0,1 mg/l to 21,25 mg/l of BPE, with a limit of detection of 0,05 mg/l. NOTE This corresponds to 1 % to 150 % of the average marking level of the ACCUTRACE™ Plus required by Commission Implementing Decision (EU) 2022/197 [1] of 17 January 2022 establishing a common fiscal marker for gas oils and kerosene. The method is found to be applicable to determinations beyond this range or for specific other chemical markers that fall within the distillation temperature range of middle-distillates, but for that no precision has been determined. WARNING - The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: EN 18051:2024

EVS-EN ISO 13503-2:2024

Oil and gas industries including lower carbon energy - Completion fluids and materials - Part 2: Measurement of properties of proppants used in hydraulic fracturing and gravel-packing operations (ISO 13503-2:2024)

This document provides testing procedures for evaluating proppants used in hydraulic fracturing and gravel packing operations. NOTE Proppants mentioned in this document refer to sand, ceramic, resin-coated, gravel packing proppants, and other materials used for hydraulic fracturing and gravel packing operations. This document supplements API Std 19C, 2nd edition (2018), the requirements of which are applicable with the exceptions specified in this document. This document provides consistent methodology for testing performed on hydraulic fracturing and/or gravel packing proppants.

Keel: en
Alusdokumendid: ISO 13503-2:2024; EN ISO 13503-2:2024
Asendab dokumenti: EVS-EN ISO 13503-2:2006
Asendab dokumenti: EVS-EN ISO 13503-2:2006/A1:2009

77 METALLURGIA

EVS-EN ISO 16784-1:2024

Corrosion of metals and alloys - Corrosion and fouling in industrial cooling water systems - Part 1: Guidelines and requirements for conducting pilot-scale evaluation of corrosion and fouling control additives for open recirculating cooling water systems (ISO 16784-1:2024)

This document specifies general requirements and parameters for the pilot test evaluation of corrosion and scaling control additives in open recirculating cooling water systems. This document covers parameters including test unit design, operation, water quality and contamination. It also covers the design and operation of pilot test devices as well as parameters to be evaluated in pilot test units. This document covers the criteria that are used in pilot scale testing programmes for selecting water treatment programmes for specific recirculating cooling water systems. This document is only applicable to open recirculating cooling water systems. It does not apply to closed cooling systems and once-through cooling water systems. This document applies only to systems that incorporate shell and tube heat exchangers with standard uncoated smooth tubes and cooling water on the tube side. This document does not apply to heat exchangers with shell-side water, plate and frame and/or spiral heat exchangers and other heat exchange devices. However, when the test conditions are properly set up to model the surface temperature and shear stress in more complex heat transfer devices, the test results can predict the results of operating heat exchangers of that design. The test criteria established in this document are not intended to govern the type of bench and pilot scale testing normally carried out by water treatment companies as part of their proprietary product development programmes. However, water treatment companies can choose to use the criteria in this document as guidelines in the development of their own product development test procedures.

Keel: en
Alusdokumendid: ISO 16784-1:2024; EN ISO 16784-1:2024
Asendab dokumenti: EVS-EN ISO 16784-1:2008

EVS-EN ISO 16784-2:2024

Corrosion of metals and alloys - Corrosion and fouling in industrial cooling water systems - Part 2: Evaluation of the performance of cooling water treatment programmes using a pilot-scale test rig (ISO 16784-2:2024)

This document specifies the principles, reagents and materials, test apparatus, test methods, evaluation of results and requirements for test reports using pilot tests for industrial cooling water systems. This document specifies a method to evaluate the performance of treatment programmes for open recirculating cooling water systems. It is based primarily on laboratory testing, but the heat exchanger testing facility can also be used for on-site evaluation. This document does not include heat exchangers with cooling water on the shell-side (i.e. external to the tubes).

Keel: en
Alusdokumendid: ISO 16784-2:2024; EN ISO 16784-2:2024
Asendab dokumenti: EVS-EN ISO 16784-2:2008

EVS-EN ISO 4937:2024

Steel and iron - Determination of chromium content - Potentiometric or visual titration method (ISO 4937:2024)

The method is applicable to chromium contents between 0.25 % (m/m) and 35 % (m/m). Specifies principle, reagents, apparatus, sampling, procedure, expression of results and test report. Annex A gives additional information on the international co-operative tests, and Annex B represents the precision data graphically.

Keel: en
Alusdokumendid: EN ISO 4937:2024; ISO 4937:2024
Asendab dokumenti: EVS-EN 24937:2000

79 PUIDUTEHNOLOOGIA

EVS-EN 1058:2024

Wood-based panels - Determination of characteristic 5-percentile values and characteristic mean values

On the basis of test results from wood-based panel products for structural purposes, this document specifies a method for the determination of: - characteristic 5-percentile values of mechanical properties under the assumption of a log-normal distribution of the test data according to EN 14358; and - characteristic mean values (50-percentile values) of physical properties under the assumption of a normal distribution of the test data according to EN 14358. Test data can be determined from tests using the test methods outlined in the test standard EN 789 or other relevant test standard, performance standard or product standard normatively referring to EN 1058. NOTE See e.g. EN 1195 and EN 12871. The statistical evaluation follows the principles of EN 1990:2023 , Annex D of EN 1995-1-1:2004 and of EN 14358:2016.

Keel: en
Alusdokumendid: EN 1058:2024
Asendab dokumenti: EVS-EN 1058:2010

EVS-EN ISO 19085-12:2024

Puidutöötlusmasinad. Ohutus. Osa 12: Tappimis-/profileerimismasinad
Woodworking machines - Safety - Part 12: Tenoning-profiling machines (ISO 19085-12:2024)

This document specifies the safety requirements and measures for manually loaded and unloaded — single-end tenoning machines with a manual feed sliding table, — single-end tenoning machines with a mechanical feed sliding table, — single-end tenoning-profiling machines with mechanical feed, — double-end tenoning-profiling machines with mechanical feed, also designed to be automatically either loaded or unloaded, or both, and — angular systems for tenoning and profiling with mechanical feed with maximum workpiece height capacity of 200 mm for single-end machines and 500 mm for double-end machines, capable of continuous production use, altogether referred to as “machines”. This document deals with all significant hazards, hazardous situations and events as listed in Annex A, relevant to machines, when operated, adjusted and maintained as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Also, transport, assembly, dismantling, disabling and scrapping phases have been taken into account. The machines are designed to process in one pass one end or two sides, either opposite or perpendicular to each other, of workpieces made of a) solid wood, and b) materials with similar physical characteristics to wood (see ISO 19085-1:2021, 3.2); and c) only the machines with mechanical feed, made of d) fibre-cement, e) rock wool and glass wool, f) gypsum, g) plasterboard, h) matrix engineered mineral boards, silicate boards and sulfate boards, i) composite materials with core consisting of polyurethane or mineral material laminated with light alloy, j) polymer-matrix composite materials and reinforced thermoplastic, thermoset and elastomeric materials, k) aluminium light alloy profiles, and l) composite boards made from the materials listed above. This document is also applicable to machines fitted with one or more of the following devices or additional working units, whose hazards have been dealt with: — sanding units; — fixed or movable workpiece support; — automatic tool changing; — automatic workpiece returner; — glass bead saw unit; — hinge recessing unit; — boring unit; — dynamic processing unit; — sawing unit installed out of the integral enclosure, between machine halves in double-end machines; — foiling unit; — coating unit; — grooving unit with a milling tool installed out of the integral enclosure, between machine halves; — brushing unit; — gluing unit; — sealing unit; — dowels inserting unit; — tongues inserting unit; — inkjet marking unit; — laser marking unit; — labelling unit; — workpiece back-up device (device that is either anti-chipping or anti-splintering, or both); — quick tool changing system; — post-formed edge pre-cutting unit; — additional workpiece support (at either infeed or outfeed, or both); — parallel infeed device on single-end machines; — transversal infeed device on single-end machines; — intermediate workpiece support on double-end machines; — automatic infeed device; — feed chain with dogs. This document does not deal with any hazards related to: a) systems for automatic loading and unloading of the workpiece to a single machine other than automatic workpiece returner; b) single machine being used in combination with any other machine (as part)

Keel: en
Alusdokumendid: ISO 19085-12:2024; EN ISO 19085-12:2024
Asendab dokumenti: EVS-EN ISO 19085-12:2021
Asendab dokumenti: EVS-EN ISO 19085-12:2021/A11:2023

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 17188:2024

Materials obtained from End-of-Life Tyres (ELT) - Sampling method for granulates and powders stored in big-bags and small-bags

This document specifies methods for obtaining a sample of rubber granulates or powders derived from end-of-life tyres which have been stored in big-bags and small-bags. Sample increments at different levels within the bag are obtained, which represent the average particle size distribution within the bag. From these sample increments, a representative sample is derived. The methods specified in this document are applicable, for example, when the samples are to be tested for e.g. bulk density, durability, particle size distribution, moisture content, ash content, ash melting behaviour, calorific value, chemical composition, impurities.

Keel: en
Alusdokumendid: EN 17188:2024
Asendab dokumenti: CEN/TS 17188:2018

EVS-EN 17189:2024

Materials obtained from End-of-Life Tyres (ELT) - Determination of the true density of granulates and powders - Method based on water pycnometry

This document specifies methods and test protocols used to determine the true density of granulates and powders produced from ELTs, based on water pycnometry. This document is applicable for powders and granulates below 12 mm.

Keel: en
Alusdokumendid: EN 17189:2024
Asendab dokumenti: CEN/TS 17189:2018

EVS-EN ISO 1628-1:2024

Plastics - Determination of the viscosity of polymers in dilute solution using capillary viscometers - Part 1: General principles (ISO 1628-1:2024)

This document specifies the general conditions for the determination of the reduced viscosity, intrinsic viscosity and K-value of organic polymers in dilute solution. It specifies the standard parameters that are applied to viscosity measurement. This document is applicable to develop standards for measuring the viscosities in solution of individual types of polymer. It is also applicable to measure and report the viscosities of polymers in solution for which no separate standards exist.

Keel: en
Alusdokumendid: ISO 1628-1:2024; EN ISO 1628-1:2024
Asendab dokumenti: EVS-EN ISO 1628-1:2021

EVS-EN ISO 19069-2:2024

Plastics - Polypropylene (PP) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 19069-2:2024)

This document specifies the methods of preparation of test specimens and the test methods for determining the properties of polypropylene (PP) moulding and extrusion materials. It gives requirements for handling test material and for conditioning both the test material before moulding and the specimens before testing. This document specifies procedures and conditions for the preparation of test specimens, and procedures for measuring properties of the materials from which these specimens are made. Properties and test methods which are suitable and essential 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 PP moulding and extrusion materials are also included in this document, as are the designatory properties specified in ISO 19069-1.

Keel: en
Alusdokumendid: ISO 19069-2:2024; EN ISO 19069-2:2024
Asendab dokumenti: EVS-EN ISO 19069-2:2016

EVS-EN ISO 29862:2024

Self adhesive tapes - Determination of peel adhesion properties (ISO 29862:2024)

This document specifies a series of methods for the determination of peel adhesion properties of self adhesives tapes. This document specifies: — Method 1: Self adhesive tapes – Measurement of peel adhesion from stainless steel at an angle of 180°; — Method 2: Self adhesive tapes – Measurement of peel adhesion from its own backing at an angle of 180°; — Method 3: Self adhesive tapes – Measurement of peel adhesion of double-sided and transfer tapes at an angle 180°; — Method 4: Self adhesive tapes – Measurement of adhesion of the liner to an adhesive tape at an angle of 180°.

Keel: en
Alusdokumendid: ISO 29862:2024; EN ISO 29862:2024
Asendab dokumenti: EVS-EN ISO 29862:2019

91 EHITUSMATERJALID JA EHITUS

CEN/TS 18113:2024

Guidance on how to implement EN ISO 19650-series in Europe, in particular parts 1, 2, 3, 4 and 5.

The scope of this document is primarily focused on EN ISO 19650-1, EN ISO 19650-2, EN ISO 19650-3, EN ISO 19650-4 and EN ISO 19650-5. In the text these are referred to collectively as "the EN ISO 19650 series". This document highlights and describes the way to use the standards, without extending or contradicting the scope and content. This document aims to provide supporting text to achieve a basic understanding and ability to implement the EN ISO 19650 series. In each country, each client and each delivery team can use this document to provide the best response to information management in each project or asset management activity. This document explains the terms and definitions, concepts and principles and how to use them, and gives practical examples with clear explanations. It should be noted that in this document, information management is considered as a part of project management, asset management and security management. This document is intended to demonstrate how the EN ISO 19650 series works at the European level in a neutral way that is applicable to any project or asset regardless of: - the nature of contracts, e.g. public, private, alliances, global, partnership; - the actors' functions, e.g. through the programming, design, construction phases, regardless of organization size including SMEs; - the diversity of tendering processes and commissioning practices, e.g. one main contractor (lead appointed party) on one client (as appointing party) vs. one client and multiple contracts with individual appointed parties; - the types of works, e.g. new, refurbished, housing, infrastructure; - the complexity of the project, asset, or activities.

Keel: en
Alusdokumendid: CEN/TS 18113:2024

EVS 875-13:2024

Vara hindamine. Osa 13: Keskkonnakvaliteedi ning keskkonna-, kliima- ja ESG-riskide arvestamine kinnisvara hindamisel
Property valuation - Part 13: Consideration of environmental quality and environmental, climate and ESG-related risks in property valuation

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusalad on vara hindamise ja hinnangute kasutamisega seotud tegevused, eelkõige laenutagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See standard käsitleb hindamise põhimõtteid keskkonnakvaliteedi ning keskkonna-, kliima- ja ESG-riskide kontekstis, kusjuures võrreldes seni kehtinud standardiga on kaasajastatud keskonnakvaliteedi ja -riskidega seonduvat ning lisaks on antud juhiseid kliima- ja ESG-riskide arvestamiseks kinnisvara hindamisel. Tegemist on standardi EVS 875-13:2016 „Keskkonnakvaliteedi, maakasutuse piirangute ja looduskaitse arvestamine kinnisvara hindamisel“ uustöötlusega

Keel: et
Asendab dokumenti: EVS 875-13:2016

EVS-EN 1169:2024

Precast concrete products - General rules for production control of glassfibre reinforced concrete

This document defines the general processes, procedures and rules for production and production control system (PCS) of glassfibre reinforced concrete (GRC) used to manufacture products commonly used in construction, civil engineering, architecture and other applications. GRC can be produced from a range of mix designs comprising various materials and manufactured by different processes. This document covers two primary production processes, namely sprayed GRC and premix GRC. This document does not cover concrete, where the glassfibre does not act as primary reinforcement but is used as an additive. It does not cover but can be used as guidance for injection and extrusion manufacturing processes.

Keel: en
Alusdokumendid: EN 1169:2024
Asendab dokumenti: EVS-EN 1169:2001

EVS-EN 1170:2024

Precast concrete products - Test methods for glassfibre reinforced concrete

This document specifies test methods for identifying the performance of a glassfibre reinforced concrete (GRC) composition in terms of bending strength, water absorption, dry density and dimensional variations. These methods can be used for type testing or for the evaluation of the uniformity of the production process. They can be used on GRC coupons prepared as described in this document, or on samples cut out of GRC products. NOTE A test to assess the influence of time on the mechanical properties (i.e. LOP and MOR) is described for information in Annex C. Other methods can be found in scientific literature.

Keel: en
Alusdokumendid: EN 1170:2024
Asendab dokumenti: EVS-EN 1170-1:2000
Asendab dokumenti: EVS-EN 1170-2:2000
Asendab dokumenti: EVS-EN 1170-3:2000
Asendab dokumenti: EVS-EN 1170-4:2000
Asendab dokumenti: EVS-EN 1170-5:2000
Asendab dokumenti: EVS-EN 1170-6:2000
Asendab dokumenti: EVS-EN 1170-7:2000

Asendab dokumenti: EVS-EN 1170-8:2008

EVS-EN 12978:2024

Tööstus- ja kaubandushoonete ning garaažide tööstusuksed ja väravad ja uksed. Kaitseseadmed elektri abil töötavatele ustele ja väravatele. Nõuded ja katsemeetodid
Industrial, commercial and garage doors and gates and pedestrian doorsets - Protective devices for power operated doors and gates - Requirements and test methods

This document specifies requirements and test methods for sensitive protective equipment put separately on the market as safety components to be used with entrance equipment such as power operated industrial, commercial and garage doors, gates and barriers, power operated pedestrian doors and power operated pedestrian entrance control equipment. NOTE Requirements for the safe function of the combination of protective device and industrial, commercial and garage doors and barriers are given in EN 12453. This document deals with all significant hazards, hazardous situations and events relevant to the power operation of doors, and gates and barriers when they are used as intended and under conditions of misuse which are reasonably foreseeable as identified in Clause 4. All lifetime phases of the sensitive protective equipment including transportation, assembly, dismantling, disabling and scrapping are considered by this document. Whenever the term „door" is used in this document, it is deemed to cover the full scope of types and variances of doors, gates and barriers and entrance control equipment listed in the scope of EN 12453:2017+A1:2021, EN 16005:2012 and EN 17352:2022. This document is not intended to be used for sensitive protective equipment using ultrasonic, radar, capacitive, inductive, and passive infrared and vision based technologies. For these types of equipment this document can be used as a guide to demonstrate that such a device is allowed. This document is not applicable to sensitive protective equipment manufactured before the date of its publication.

Keel: en
Alusdokumendid: EN 12978:2024
Asendab dokumenti: EVS-EN 12978:2003+A1:2009

EVS-EN 15191:2024

Precast concrete products - Classification of glassfibre reinforced concrete performance

This document deals with the classification of glassfibre reinforced concrete. This classification conforms to the needs of the design process of glassfibre reinforced concrete components. This document applies only if EN 1169 is followed. This document does not deal with design methods.

Keel: en
Alusdokumendid: EN 15191:2024
Asendab dokumenti: EVS-EN 15191:2010

EVS-EN 15502-2-1:2022+A1:2023/AC:2024

Gaasküttega keskküttekatlad. Osa 2-1: Erinõuded C tüüpi kateldele ja B2, B3 ning B5 tüüpi kateldele nimisoojuskoormusega mitte üle 1 000 kW
Gas-fired central heating boilers - Part 2-1: Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW

Corrigendum to EN 15502-2-1:2022+A1:2023

Keel: en
Alusdokumendid: EN 15502-2-1:2022+A1:2023/AC:2024
Parandab dokumenti: EVS-EN 15502-2-1:2022+A1:2023

EVS-EN 15685:2024

Akna- ja uksetarvikud. Nõuded ja katsemeetodid. Mitmepunktilukukorpused, iselukustid ja vasturauad. Omadused ja katsemeetodid
Building hardware - Requirements and test methods - Multipoint locks, latches and locking plates - Characteristics and test methods

This document specifies product characteristics and test methods of mechanically operated multipoint locks and their locking plates. This document covers multipoint locks their locking plates which are either manufactured and placed on the market in their entirety by one producer or assembled from sub-assemblies produced by more than one producer and designed to be used in combination. This document does not cover assessment of the contribution of the product to the fire resistance of specific fire resistance and/or smoke control door set assemblies. This document is not applicable to mechanically/electromechanically cylinders, handles, locks for windows, padlocks, locks for safes, furniture locks or prison locks. This document does not specify mechanically operated locks or their locking plates which are specified by EN 12209.

Keel: en
Alusdokumendid: EN 15685:2024

EVS-HD 60364-7-701:2024

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne või dušše sisaldavad paigad
Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower

Standardisarja IEC 60364 selle osa erinõudeid rakendatakse sise- või välispaikade elektripaigaldistele, milles kindlasse kohta on ette nähtud kestvalt paigutada vann ja/või dušš. Vanni ja/või dušši sisaldava paiga ulatus on piiratud — põranda madalaima

viimistletud pinnaga, — põranda viimistletud pinnast 3 m kõrgusel paikneva rõhttasandiga, — vanni või duši kohtkindlat veeväljundit 4 m kauguselt ümbritseva mõttelise püstpinnaga ja — vanni või dušši sisaldavat paika piiravate seinte, põranda ja lae ruumalaga sügavuseni kuni 6 cm. MÄRKUS 1 Eemaldatava dušisõela ja paindvooliku puhul loetakse kohtkindlaks veeväljundiks paindvooliku toitepoolne ots. Selle dokumendi nõuded kehtivad ka mobiilsete rakenduste kohtkindlatele elektripaigaldistele, näiteks haagiselamutes, teisaldatavates elamutes ja liikuvates dušikabiinides. See dokument ei kehti hädapaigaldiste, nt tööstuspiirkondades või laboratooriumides kasutatavate hädadušside kohta. MÄRKUS 2 Ruumide kohta, mis sisaldavad meditsiiniotstarbelist vanni või dušši, võib vaja olla erinõudeid. MÄRKUS 3 Eeltöödeldud vanni- ja/või dušiüksuste kohta vt ka standard IEC 60335-2-105.

Keel: en
Alusdokumendid: HD 60364-7-701:2024; IEC 60364-7-701:2019
Asendab dokumenti: EVS-HD 60364-7-701:2007
Asendab dokumenti: EVS-HD 60364-7-701:2007/A11:2011
Asendab dokumenti: EVS-HD 60364-7-701:2007/A12:2017
Asendab dokumenti: EVS-HD 60364-7-701:2007/AC:2011
Asendab dokumenti: EVS-HD 60364-7-701:2007+A11:2011
Asendab dokumenti: EVS-HD 60364-7-701:2007+A11+A12

EVS-HD 60364-7-701:2024/A11:2024

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne või dušše sisaldavad paigad
Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower

Standardi HD 60364-7-701:2024 muudatus

Keel: en
Alusdokumendid: HD 60364-7-701:2024/A11:2024
Muudab dokumenti: EVS-HD 60364-7-701:2024

EVS-HD 60364-7-701:2024+A11:2024

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne või dušše sisaldavad paigad
Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower (IEC 60364-7-701:2019)

Standardisarja IEC 60364 selle osa erinõudeid rakendatakse sise- või välispaikade elektripaigaldistele, milles kindlasse kohta on ette nähtud kestvalt paigutada vann ja/või dušš. Vanni ja/või dušši sisaldava paiga ulatus on piiratud — põranda madalaima viimistletud pinnaga, — põranda viimistletud pinnast 3 m kõrgusel paikneva rõhttasandiga, — vanni või duši kohtkindlat veeväljundit 4 m kauguselt ümbritseva mõttelise püstpinnaga ja — vanni või dušši sisaldavat paika piiravate seinte, põranda ja lae ruumalaga sügavuseni kuni 6 cm. MÄRKUS 1 Eemaldatava dušisõela ja paindvooliku puhul loetakse kohtkindlaks veeväljundiks paindvooliku toitepoolne ots. Selle dokumendi nõuded kehtivad ka mobiilsete rakenduste kohtkindlatele elektripaigaldistele, näiteks haagiselamutes, teisaldatavates elamutes ja liikuvates dušikabiinides. See dokument ei kehti hädapaigaldiste, nt tööstuspiirkondades või laboratooriumides kasutatavate hädadušside kohta. MÄRKUS 2 Ruumide kohta, mis sisaldavad meditsiiniotstarbelist vanni või dušši, võib vaja olla erinõudeid. MÄRKUS 3 Eeltöödeldud vanni- ja/või dušiüksuste kohta vt ka standard IEC 60335-2-105.

Keel: en, et
Alusdokumendid: HD 60364-7-701:2024/A11:2024; HD 60364-7-701:2024; IEC 60364-7-701:2019
Asendab dokumenti: EVS-HD 60364-7-701:2007
Asendab dokumenti: EVS-HD 60364-7-701:2007/A11:2011
Asendab dokumenti: EVS-HD 60364-7-701:2007/A12:2017
Asendab dokumenti: EVS-HD 60364-7-701:2007/AC:2011
Asendab dokumenti: EVS-HD 60364-7-701:2007+A11:2011
Asendab dokumenti: EVS-HD 60364-7-701:2007+A11+A12
Konsolideerib dokumenti: EVS-HD 60364-7-701:2024
Konsolideerib dokumenti: EVS-HD 60364-7-701:2024/A11:2024

93 RAJATISED

CEN/TS 17670-3:2024

Plastics piping systems for non-pressure underground conveyance of surface water - Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 3: Assessment of conformity

This document gives guidance and requirements for the assessment of conformity of materials (compounds/formulations), products, joints and assemblies in accordance with EN 17670 2 intended to be included in the manufacturer's quality plan as part of the quality management system and for the establishment of certification procedures. NOTE 1 A test matrix provides an overview of the testing scheme in Annex A, Table A.1. NOTE 2 If certification is involved, the certification body operating in accordance with EN ISO/IEC 17065 [1] and EN ISO/IEC 17020 [2] is considered to be competent. In conjunction with EN 17670 2 this document is applicable to road gullies.

Keel: en
Alusdokumendid: CEN/TS 17670-3:2024

EVS 875-13:2024

Vara hindamine. Osa 13: Keskkonnakvaliteedi ning keskkonna-, kliima- ja ESG-riskide arvestamine kinnisvara hindamisel
Property valuation - Part 13: Consideration of environmental quality and environmental, climate and ESG-related risks in property valuation

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusalad on vara hindamise ja hinnangute kasutamisega seotud tegevused, eelkõige laenutagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See standard käsitleb hindamise põhimõtteid keskkonnakvaliteedi ning keskkonna-, kliima- ja ESG-riskide kontekstis, kusjuures võrreldes seni kehtinud standardiga on kaasajastatud keskonnakvaliteedi ja -riskidega seonduvat ning lisaks on antud juhiseid kliima- ja ESG-riskide arvestamiseks kinnisvara hindamisel. Tegemist on standardi EVS 875-13:2016 „Keskkonnakvaliteedi, maakasutuse piirangute ja looduskaitse arvestamine kinnisvara hindamisel“ uustöötlusega

Keel: et
Asendab dokumenti: EVS 875-13:2016

EVS-EN 12767:2019+A1:2024

Passive safety of support structures for road equipment - Requirements and test methods

This document specifies performance test procedures to determine the passive safety properties of support structures such as lighting columns, sign posts, signal supports, structural elements, foundations, detachable products and any other components used to support a particular item of equipment on the roadside. This document provides a common basis for the vehicle impact testing of items of road equipment support structures. This document does not apply to road restraint systems.

Keel: en
Alusdokumendid: EN 12767:2019+A1:2024
Asendab dokumenti: EVS-EN 12767:2019

EVS-EN 14587-2:2024

Raudteealased rakendused. Infrastruktuur. Rööbaste kontaktkeevitus. Osa 2: Uute R200, R220, R260, R260Mn, R320Cr, R350HT, R350LHT, R370CrHT ja R400HT klassi rööbaste keevitamine mobiilsete keevitusseadmetega väljaspool statsionaarseid keevituskohti
Railway applications - Infrastructure - Flash butt welding of new rails - Part 2: R200, R220, R260, R260Mn, R320Cr, R350HT, R350LHT, R370CrHT and R400HT grade rails by mobile welding machines at sites other than a fixed plant

See dokument määrab kindlaks nõuded mobiilsete seadmete keevitusprotsessi heakskiitmiseks koos nõuetega keevitustootmisele. See kehtib uutele Vignole raudteerööbastele R200, R220, R260, R260Mn, R320Cr, R350HT, R350LHT, R370CrHT ja R400HT 46 kg/m ja rohkem, nagu on sätestatud standardis EN 13674-1:2011+A1:2017, mis on keevitatud kontaktkeevitusprotsessiga mobiilsete seadmetega ja on ette nähtud kasutamiseks raudteeinfrastruktuuris. See dokument kehtib rööbaste liitmiseks rööpaniitideks keevitamise teel.

Keel: en, et
Alusdokumendid: EN 14587-2:2024
Asendab dokumenti: EVS-EN 14587-2:2009

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 16163:2024

Conservation of Cultural Heritage - Guidelines and procedures for choosing appropriate lighting for indoor exhibitions

This document defines the procedures as well as the means to implement adequate lighting, with regard to the exhibition lighting and the conservation policy. This also includes security and cleaning lighting. It takes visual, exhibition and conservation aspects into account and it also discusses the implications of the lighting design on the safeguarding of cultural heritage. This document gives recommendations on luminous exposure values. It aims to provide a tool for setting up a common European policy and a guide to help curators, conservators and project managers to assess the correct lighting that can ensure the safeguarding of the objects. This document covers indoor lighting for heritage objects on exhibition in both public and private sites and does not consider lighting in other cultural heritage contexts such as open-air collections, etc. This document does not cover non-public activities such as conservation-restoration, storage, emergency lighting and research.

Keel: en
Alusdokumendid: EN 16163:2024
Asendab dokumenti: CEN/TS 16163:2014

EVS-EN 30-2-1:2024

Kodused gaaskuumutusega toiduvalmistusseadmed. Osa 2-1: Energia säästmine. Üldist
Domestic cooking appliances burning gas - Part 2-1: Rational use of energy - General

This document specifies the requirements and the methods of test for the rational use of energy of gas burning domestic cooking appliances, in accordance with EN 30-1-1:2021+A1:2023, Clause 1.

Keel: en
Alusdokumendid: EN 30-2-1:2024
Asendab dokumenti: EVS-EN 30-2-1:2015

EVS-EN 30-2-2:2024

Kodused gaaskuumutusega toiduvalmistusseadmed. Osa 2-2: Energiasäästlikkus. Sundkonvektsiooniga ahjud ja/või grillid
Domestic cooking appliances burning gas - Part 2-2: Rational use of energy - Appliances having forced-convection ovens and/or grills

This document specifies the requirements and test method for the rational use of energy of gas cooking appliances having forced-convection ovens and/or grills using combustible gases described in Clause 1 of EN 30 1 2:2012. This document covers only type testing.

Keel: en
Alusdokumendid: EN 30-2-2:2024
Asendab dokumenti: EVS-EN 30-2-2:2000

EVS-EN 71-18:2024

Mänguasjade ohutus. Osa 18: Fenooli sisaldus veepõhistes ja migratsioon polümeersetes mänguasjade materjalides
Safety of toys - Part 18: Phenol in aqueous (content) and polymeric (migration) toy materials

This document specifies requirements and test methods for determining the concentration of phenol in aqueous toy materials and for migration of phenol from polymeric toy materials. This document is applicable to toys intended for use by children under 36 months or other toys intended to be placed in the mouth. NOTE The European Commission Guidance Document No 11 on the Application of Directive 2009/48/EC on the Safety of Toys [4] provides guidelines to help on the classification of toys intended for children under 36 months of age or of 36 months and over.

Keel: en
Alusdokumendid: EN 71-18:2024

EVS-EN 71-19:2024

Mänguasjade ohutus. Osa 19: Bisfenool A migratsioon mänguasjade materjalidest
Safety of toys - Part 19: Migration of bisphenol A from toy materials

This document specifies requirements and a test method for migration of bisphenol A from toy materials. This document is applicable to toys intended for use by children under 36 months or other toys intended to be placed in the mouth. NOTE The European Commission Guidance Document No 11 on the Application of Directive 2009/48/EC on the Safety of Toys [3] provides guidelines to help on the classification of toys intended for children under 36 months of age or of 36 months and over.

Keel: en
Alusdokumendid: EN 71-19:2024

EVS-EN 71-3:2019+A2:2024

Mänguasjade ohutus. Osa 3: Teatud elementide migratsioon
Safety of toys - Part 3: Migration of certain elements

This document specifies requirements and test methods for the migration of aluminium, antimony, arsenic, barium, boron, cadmium, Chromium (III), Chromium (VI), cobalt, copper, lead, manganese, mercury, nickel, selenium, strontium, tin, organic tin and zinc from toy materials and from parts of toys. Packaging materials are not considered to be part of the toy unless they have intended play value. NOTE 1 See the European Commission guidance document no. 12 on the application of the Directive on the safety of toys - packaging [2]. The standard contains requirements for the migration of certain elements from the following categories of toy materials: - Category I: Dry, brittle, powder like or pliable materials; - Category II: Liquid or sticky materials; - Category III: Scraped-off materials. The requirements of this document do not apply to toys or parts of toys which, due to their accessibility, function, volume or mass, clearly exclude any hazard due to sucking, licking or swallowing or prolonged skin contact when the toy or part of toy is used as intended or in a foreseeable way, bearing in mind the behaviour of children. NOTE 2 For the purposes of this document, for the following toys and parts of toys the likelihood of sucking, licking or swallowing toys is considered significant (see H.2 and H.3): - All toys intended to be put in the mouth or to the mouth, cosmetics toys and writing instruments categorized as toys can be considered to be sucked, licked or swallowed; - All the accessible parts and components of toys intended for children up to 6 years of age can be considered to come into contact with the mouth. The likelihood of mouth contact with parts of toys intended for older children is not considered significant in most cases (see H.2).

Keel: en
Alusdokumendid: EN 71-3:2019+A2:2024
Asendab dokumenti: EVS-EN 71-3:2019+A1:2021

EVS-EN IEC 60705:2024

Household microwave ovens - Methods for measuring performance

IEC 60705:2024 applies to microwave ovens for household and similar use, it also applies to microwave ovens with grills and combination microwave ovens. This document defines the main performance characteristics of these appliances, which are of interest to the user, and it specifies methods for measuring these characteristics. The manufacturer defines the primary cooking function of the appliance, microwave function or thermal heat. The primary cooking function will be measured with an existing method according to energy consumption. If the primary cooking function is declared as a microwave function, IEC 60705 will be

applied for energy consumption measurement. If the primary cooking function is declared as a thermal heat, IEC 60350-1 will be applied for energy consumption measurement. If the manufacturer does not declare the primary function, the performance of the microwave function and thermal heat is measured as far as it is possible. There is currently no measurement method for the energy consumption for grilling and steam functions. This document does not deal with safety requirements (see IEC 60335-2-25 [1]). This document does not apply to appliances incorporating thermal heat, steam function or hot steam function only. These appliances are covered by IEC 60350-1. This fifth edition cancels and replaces the fourth edition published in 2010, Amendment 1: 2014 and Amendment 2: 2018. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) thematically ordered new sequence of the clauses; b) updated normative references; c) introduced a new definition for microwave generator to open the standard for microwave ovens with one or more magnetrons or solid-state components; d) aligned with IEC 60350-1:2023 regarding the definitions and references; e) aligned preparation of water load for Clause 8 and Clause 10; f) removed the definitions for set to off mode and set to standby mode ; g) added new definitions regarding low power modes; h) aligned the low power mode measurement, Clause 11, to IEC 60350-1:2023; i) revised square tank tests to one new 12.2; j) revised the dishes used for Clause 12, Clause 13 and Clause 14 and removal of Annex B; k) removed A.3.3; l) removed Annex F for measuring the energy consumption of the cooling down period; m) former Annex E will be substituted by a supporting document located on the IEC's website.

Keel: en
Alusdokumendid: IEC 60705:2024; EN IEC 60705:2024
Asendab dokumenti: EVS-EN 60705:2015
Asendab dokumenti: EVS-EN 60705:2015/A2:2018

EVS-EN ISO 10256-1:2024

Jäähoki mängimisel kasutatav kaitsevarustus. Osa 1: Üldnõuded
Protective equipment for use in ice hockey - Part 1: General requirements (ISO 10256-1:2024)

This document specifies general requirements and test methods for head, face, eye, neck, and body protectors (hereafter referred to as protectors) for use in ice hockey. This document is intended only for protectors used for ice hockey.

Keel: en
Alusdokumendid: ISO 10256-1:2024; EN ISO 10256-1:2024
Asendab dokumenti: EVS-EN ISO 10256-1:2016

EVS-EN ISO 10256-2:2024

Jäähoki mängimisel kasutatav kaitsevarustus. Osa 2: Uisutajate peakaitsevahendid
Protective equipment for use in ice hockey - Part 2: Head protectors for skaters (ISO 10256-2:2024)

This document specifies performance requirements and test methods for head protectors for use in ice hockey. This document is applicable to head protectors worn by ice hockey players excluding goalkeepers and by referees.

Keel: en
Alusdokumendid: ISO 10256-2:2024; EN ISO 10256-2:2024
Asendab dokumenti: EVS-EN ISO 10256-2:2018

EVS-EN ISO 10256-3:2024

Jäähoki mängimisel kasutatav kaitsevarustus. Osa 3: Uisutajate näo- ja silmakaitsevahendid
Protective equipment for use in ice hockey - Part 3: Face and eye protectors for skaters (ISO 10256-3:2024)

This document specifies performance requirements and test methods for eye and face protectors for use in ice hockey only. This document is applicable to eye and face protectors worn by ice hockey players other than goalkeepers and by referees.

Keel: en
Alusdokumendid: ISO 10256-3:2024; EN ISO 10256-3:2024
Asendab dokumenti: EVS-EN ISO 10256-3:2018

EVS-EN ISO 10256-4:2024

Jäähoki mängimisel kasutatav kaitsevarustus. Osa 4: Väravavahtide pea- ja näokaitsevahendid
Protective equipment for use in ice hockey - Part 4: Head and face protectors for goalkeepers (ISO 10256-4:2024)

This document specifies performance requirements and test methods for head and face protectors for use by ice hockey goalkeepers only.

Keel: en
Alusdokumendid: ISO 10256-4:2024; EN ISO 10256-4:2024
Asendab dokumenti: EVS-EN ISO 10256-4:2018

EVS-EN ISO 20957-1:2024

Statsionaarne treenimisvarustus. Osa 1: Üldised ohutusnõuded ja katsemeetodid
Stationary training equipment - Part 1: General safety requirements and test methods (ISO 20957-1:2024)

This document specifies general safety requirements and test methods for indoor stationary training equipment. Other parts of the ISO 20957 series can modify the requirements contained in this document. This document also covers environmental aspects.

It also specifies a classification system (see Clause 4). This document is applicable to all stationary training equipment. This includes equipment for use in training areas of organizations such as sport associations, educational establishments, hotels, sport halls, clubs, rehabilitation centres and studios (classes S and I) where access and control is specifically regulated by the owner (person who has the legal responsibility), equipment for domestic use (class H) and other types of equipment including motor driven equipment as defined in 3.1. The requirements of other parts of the ISO 20957 series take priority over the corresponding requirements of this general standard. This document does not apply to stationary training equipment intended for outdoor use. It also does not apply to stationary training equipment intended for use by children under the age of 14 years, unless such stationary training equipment is intended for educational purposes in schools and other pedagogical contexts for children under the supervision of a qualified adult instructor.

Keel: en
Alusdokumendid: ISO 20957-1:2024; EN ISO 20957-1:2024
Asendab dokumenti: EVS-EN ISO 20957-1:2013

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 1083-1:1999

Ajamiga harjad. Osa 1: Määratlused ja nomenklatuur
Power-driven brushes - Part 1: Definitions and nomenclature

Keel: en
Alusdokumendid: EN 1083-1:1997
Asendatud järgmise dokumendiga: EVS-EN 1083-1:2024
Standardi staatus: Kehtetu

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

EVS 875-13:2016

Vara hindamine. Osa 13: Keskkonnakvaliteedi, maakasutuse piirangute ja looduskaitse arvestamine kinnisvara hindamisel
Property valuation - Part 13: Consideration of environmental quality, land use restrictions and nature protection in property valuation

Keel: et
Asendatud järgmise dokumendiga: EVS 875-13:2024
Standardi staatus: Kehtetu

EVS-EN ISO 17573-3:2023

Electronic fee collection - System architecture for vehicle-related tolling - Part 3: Data dictionary (ISO 17573-3:2023)

Keel: en
Alusdokumendid: ISO 17573-3:2023; EN ISO 17573-3:2023
Asendatud järgmise dokumendiga: EVS-EN ISO 17573-3:2024
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN 17122:2019

Chemical disinfectants and antiseptics - Quantitative non-porous surface test for the evaluation of virucidal activity of chemical disinfectants and antiseptics used in the veterinary area - Test method and requirements - Phase2, step2

Keel: en
Alusdokumendid: EN 17122:2019
Asendatud järgmise dokumendiga: EVS-EN 17122:2019+A1:2024
Standardi staatus: Kehtetu

EVS-EN 60601-2-34:2014

Elektrilised meditsiiniseadmed. Osa 2-34: Erinõuded invasiivse vererõhu seireseadmestiku esmasele ohutusele ja olulistele toimivusnäitajatele
Medical electrical equipment - Part 2-34: Particular requirements for the basic safety and essential performance of invasive blood pressure monitoring equipment

Keel: en
Alusdokumendid: IEC 60601-2-34:2011; EN 60601-2-34:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 60601-2-34:2024
Standardi staatus: Kehtetu

EVS-EN ISO 14630:2012

Mitteaktiivsed kirurgilised implantaadid. Üldnõuded
Non-active surgical implants - General requirements (ISO 14630:2012)

Keel: en
Alusdokumendid: ISO 14630:2012; EN ISO 14630:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 14630:2024
Standardi staatus: Kehtetu

EVS-EN ISO 15004-2:2007

Oftalmilised instrumendid. Põhinõuded ja katsemeetodid
Ophthalmic instruments - Fundamental requirements and test methods - Part 2: Light hazard protection

Keel: en
Alusdokumendid: ISO 15004-2:2007; EN ISO 15004-2:2007
Asendatud järgmise dokumendiga: EVS-EN ISO 15004-2:2024
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TS 17188:2018

Materials obtained from end of life tyres (ELT) - Sampling method for granulates and powders stored in big-bags

Keel: en
Alusdokumendid: CEN/TS 17188:2018
Asendatud järgmise dokumendiga: EVS-EN 17188:2024
Standardi staatus: Kehtetu

CEN/TS 17189:2018

Materials obtained from end of life tyres (ELT) - Determination of the true density of granulates - Method based on water pycnometry

Keel: en
Alusdokumendid: CEN/TS 17189:2018
Asendatud järgmise dokumendiga: EVS-EN 17189:2024
Standardi staatus: Kehtetu

EVS-EN 14211:2012

Välisõhk. Kemoluminestsentsil põhinev standardmeetod lämmastikdioksiidi ja lämmastikmonooksiidi kontsentratsiooni mõõtmiseks
Ambient air - Standard method for the measurement of the concentration of nitrogen dioxide and nitrogen monoxide by chemiluminescence

Keel: en, et
Alusdokumendid: EN 14211:2012
Asendatud järgmise dokumendiga: EVS-EN 14211:2024
Standardi staatus: Kehtetu

EVS-EN 14212:2012

Välisõhk. Ultraviolettfluorestsentsil põhinev standardmeetod vääveldioksiidi kontsentratsiooni mõõtmiseks
Ambient air - Standard method for the measurement of the concentration of sulphur dioxide by ultraviolet fluorescence

Keel: en, et
Alusdokumendid: EN 14212:2012; EN 14212:2012/AC:2014
Asendatud järgmise dokumendiga: EVS-EN 14212:2024
Parandatud järgmise dokumendiga: EVS-EN 14212:2012/AC:2014
Standardi staatus: Kehtetu

EVS-EN 14212:2012/AC:2014

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

Keel: en
Alusdokumendid: EN 14212:2012/AC:2014
Asendatud järgmise dokumendiga: EVS-EN 14212:2024
Standardi staatus: Kehtetu

EVS-EN 14625:2012

Välisõhk. Ultraviolett-fotomeetrial põhinev standardmeetod osooni kontsentratsiooni mõõtmiseks
Ambient air - Standard method for the measurement of the concentration of ozone by ultraviolet photometry

Keel: en, et
Alusdokumendid: EN 14625:2012

Asendatud järgmise dokumendiga: EVS-EN 14625:2024
Standardi staatus: Kehtetu

EVS-EN 14626:2012

Välisõhk. Dispersioonita infrapunaspektroskoopial põhinev standardmeetod süsinikmonooksiidi kontsentratsiooni mõõtmiseks
Ambient air - Standard method for the measurement of the concentration of carbon monoxide by non-dispersive infrared spectroscopy

Keel: en, et
Alusdokumendid: EN 14626:2012
Asendatud järgmise dokumendiga: EVS-EN 14626:2024
Standardi staatus: Kehtetu

EVS-EN 14750-1:2006

Railway applications - Air conditioning for urban and suburban rolling stock - Part 1: Comfort parameters

Keel: en
Alusdokumendid: EN 14750-1:2006
Asendatud järgmise dokumendiga: EVS-EN 14750:2024
Standardi staatus: Kehtetu

EVS-EN 14750-2:2006

Railway applications - Air conditioning for urban and suburban rolling stock - Part 2: Type tests

Keel: en
Alusdokumendid: EN 14750-2:2006
Asendatud järgmise dokumendiga: EVS-EN 14750:2024
Standardi staatus: Kehtetu

EVS-EN 1846-2:2009+A1:2013

Tuletõrje- ja päästeteenistuse sõidukid. Osa 2: Üldnõuded. Ohutus ja toimivusnõuded
Firefighting and rescue service vehicles - Part 2: Common requirements - Safety and performance

Keel: en
Alusdokumendid: EN 1846-2:2009+A1:2013
Asendatud järgmise dokumendiga: EVS-EN 1846-2:2024
Standardi staatus: Kehtetu

EVS-EN ISO 10256-1:2016

Jäähoki mängimisel kasutatav kaitsevarustus. Osa 1: Üldnõuded
Protective equipment for use in ice hockey - Part 1: General requirements (ISO 10256-1:2016)

Keel: en
Alusdokumendid: ISO 10256-1:2016; EN ISO 10256-1:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 10256-1:2024
Standardi staatus: Kehtetu

EVS-EN ISO 10256-2:2018

Jäähoki mängimisel kasutatav kaitsevarustus. Osa 2: Uisutajate peakaitsevahendid
Protective equipment for use in ice hockey - Part 2: Head protection for skaters (ISO 10256-2:2016)

Keel: en
Alusdokumendid: ISO 10256-2:2016; EN ISO 10256-2:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 10256-2:2024
Standardi staatus: Kehtetu

EVS-EN ISO 10256-3:2018

Jäähoki mängimisel kasutatav kaitsevarustus. Osa 3: Uisutajate näokaitsevahendid
Protective equipment for use in ice hockey - Part 3: Face protectors for skaters (ISO 10256-3:2016)

Keel: en
Alusdokumendid: ISO 10256-3:2016; EN ISO 10256-3:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 10256-3:2024
Standardi staatus: Kehtetu

EVS-EN ISO 10256-4:2018

Jäähoki mängimisel kasutatav kaitsevarustus. Osa 4: Väravavahtide pea- ja näokaitsevahendid
Protective equipment for use in ice hockey - Part 4: Head and face protection for goalkeepers (ISO 10256-4:2016)

Keel: en
Alusdokumendid: ISO 10256-4:2016; EN ISO 10256-4:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 10256-4:2024
Standardi staatus: Kehtetu

EVS-EN ISO 13165-3:2020

Water quality - Radium-226 - Part 3: Test method using coprecipitation and gamma-spectrometry (ISO 13165-3:2016)

Keel: en
Alusdokumendid: ISO 13165-3:2016; EN ISO 13165-3:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 13165-3:2024
Standardi staatus: Kehtetu

EVS-EN ISO 19085-12:2021

Puidutöötlemismasinad. Ohutus. Osa 12: Tappimis-/profileerimismasinad
Woodworking machines - Safety - Part 12: Tenoning/profiling machines (ISO 19085-12:2021)

Keel: en
Alusdokumendid: ISO 19085-12:2021; EN ISO 19085-12:2021
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-12:2024
Muudetud järgmise dokumendiga: EVS-EN ISO 19085-12:2021/A11:2023
Standardi staatus: Kehtetu

EVS-EN ISO 19085-12:2021/A11:2023

Puidutöötlemismasinad. Ohutus. Osa 12: Tappimis-/profileerimismasinad
Woodworking machines - Safety - Part 12: Tenoning/profiling machines (ISO 19085-12:2021)

Keel: en
Alusdokumendid: EN ISO 19085-12:2021/A11:2023
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-12:2024
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 60688:2013

Elektrilised mõõtemuundurid vahelduv- ja alalisvoolusuuruste muundamiseks analoog- või digitaalsignaalideks
Electrical measuring transducers for converting a.c. electrical quantities to analogue or digital signals

Keel: en
Alusdokumendid: IEC 60688:2012; EN 60688:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 60688:2024
Standardi staatus: Kehtetu

EVS-EN 61557-13:2011

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetamis-, mõõte- ja seireseadmed. Osa 13: Käeshoitavad ja käsitsi kasutatavad voolutangid lekkevoolude mõõtmiseks elektrijaotussüsteemides
Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 13: Hand-held and hand-manipulated current clamps and sensors for measurement of leakage currents in electrical distribution systems

Keel: en
Alusdokumendid: IEC 61557-13:2011; EN 61557-13:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 61557-13:2024
Standardi staatus: Kehtetu

EVS-EN 61557-14:2013

Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 14: Equipment for testing the safety of electrical equipment of machinery (IEC 61557-14:2013)

Keel: en
Alusdokumendid: IEC 61557-14:2013; EN 61557-14:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 61557-14:2024
Standardi staatus: Kehtetu

EVS-EN 61557-16:2015

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetamis-, mõõte- ja seireseadmed. Osa 16: Elektriseadmete ja/või meditsiiniliste elektriseadmete kaitseviiside tõhususe katsetamise seadmed
Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 16: Equipment for testing the effectiveness of the protective measures of electrical equipment and/or medical electrical equipment

Keel: en
Alusdokumendid: IEC 61557-16:2014; EN 61557-16:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 61557-16:2024
Standardi staatus: Kehtetu

EVS-EN 62974-1:2017

Monitoring and measuring systems used for data collection, gathering and analysis - Part 1: Device requirements

Keel: en
Alusdokumendid: IEC 62974-1:2017; EN 62974-1:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 62974-1:2024
Standardi staatus: Kehtetu

EVS-EN ISO 13165-3:2020

Water quality - Radium-226 - Part 3: Test method using coprecipitation and gamma-spectrometry (ISO 13165-3:2016)

Keel: en
Alusdokumendid: ISO 13165-3:2016; EN ISO 13165-3:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 13165-3:2024
Standardi staatus: Kehtetu

19 KATSETAMINE

EVS-EN 61442:2005

Test methods for accessories for power cables with rated voltages from 6 kV (Um = 7,2 kV) up to 36 kV (Um = 42 kV)

Keel: en
Alusdokumendid: IEC 61442:2005; EN 61442:2005
Asendatud järgmise dokumendiga: EVS-EN IEC 61442:2024
Standardi staatus: Kehtetu

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN ISO 4034:2012

Kuuskantmutrid. Tooteklass C (ISO 4034:2012)
Hexagon regular nuts (style 1) - Product grade C (ISO 4034:2012)

Keel: en
Alusdokumendid: ISO 4034:2012; EN ISO 4034:2012
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 13480-2:2017/A1:2018
Metallist tööstustorustik. Osa 2: Materjalid
Metallic industrial piping - Part 2: Materials

Keel: en
Alusdokumendid: EN 13480-2:2017/A1:2018
Asendatud järgmise dokumendiga: EVS-EN 13480-2:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-2:2017+A1+A2+A3+A7:2020
Standardi staatus: Kehtetu

EVS-EN 13480-2:2017/A2:2018
Metallist tööstustorustik. Osa 2: Materjalid
Metallic industrial piping - Part 2: Materials

Keel: en
Alusdokumendid: EN 13480-2:2017/A2:2018
Asendatud järgmise dokumendiga: EVS-EN 13480-2:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-2:2017+A1+A2+A3+A7:2020
Standardi staatus: Kehtetu

EVS-EN 13480-2:2017/A3:2018
Metallist tööstustorustik. Osa 2: Materjalid
Metallic industrial piping - Part 2: Materials

Keel: en
Alusdokumendid: EN 13480-2:2017/A3:2018
Asendatud järgmise dokumendiga: EVS-EN 13480-2:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-2:2017+A1+A2+A3+A7:2020
Standardi staatus: Kehtetu

EVS-EN 13480-2:2017/A7:2020
Metallist tööstustorustik. Osa 2: Materjalid
Metallic industrial piping - Part 2: Materials

Keel: en
Alusdokumendid: EN 13480-2:2017/A7:2020
Asendatud järgmise dokumendiga: EVS-EN 13480-2:2024
Konsolideeritud järgmise dokumendiga: EVS-EN 13480-2:2017+A1+A2+A3+A7:2020
Standardi staatus: Kehtetu

EVS-EN 13480-2:2017+A1+A2+A3+A7:2020
Metallist tööstustorustik. Osa 2: Materjalid
Metallic industrial piping - Part 2: Materials

Keel: en
Alusdokumendid: EN 13480-2:2017 V03
Asendatud järgmise dokumendiga: EVS-EN 13480-2:2024
Muudetud järgmise dokumendiga: EVS-EN 13480-2:2017+A1+A2+A3+A7:2020/A8:2021
Standardi staatus: Kehtetu

EVS-EN 13480-2:2017+A1+A2+A3+A7:2020/A8:2021
Metallist tööstustorustik. Osa 2: Materjalid
Metallic industrial piping - Part 2: Materials

Keel: en
Alusdokumendid: EN 13480-2:2017/A8:2021
Asendatud järgmise dokumendiga: EVS-EN 13480-2:2024
Standardi staatus: Kehtetu

EVS-EN 15266:2007
Roostevabast painduvast plekist kuni 0,5 baarise töösurvega gaasitorud ehitistele
Stainless steel pliable corrugated tubing systems in buildings for gas with an operating pressure up to 0,5 bar

Keel: en
Alusdokumendid: EN 15266:2007
Asendatud järgmise dokumendiga: EVS-EN 15266:2024
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN 1083-1:1999
Ajamiga harjad. Osa 1: Määratlused ja nomenklatuur
Power-driven brushes - Part 1: Definitions and nomenclature

Keel: en
Alusdokumendid: EN 1083-1:1997
Asendatud järgmise dokumendiga: EVS-EN 1083-1:2024
Standardi staatus: Kehtetu

EVS-EN 1083-2:1999
Ajamiga harjad. Osa 2: Ohutusnõuded
Power-driven brushes - Part 2: Safety requirements

Keel: en
Alusdokumendid: EN 1083-2:1997
Asendatud järgmise dokumendiga: EVS-EN 1083-2:2024
Standardi staatus: Kehtetu

EVS-EN 14587-2:2009
Raudteealased rakendused. Rööbastee. Rööbaste sulatuspõkk-keevitus (elekterkontaktkeevitus). Osa 2: Uute R220, R260, R260Mn ja R350HT klassi rööbaste keevitamine mobiilsete keevitusseadmetega väljaspool statsionaarseid töökodasid
Railway applications - Track - Flash butt welding of rails - Part 2: New R220, R260, R260Mn and R350HT grade rails by mobile welding machines at sites other than a fixed plant

Keel: en, et
Alusdokumendid: EN 14587-2:2009
Asendatud järgmise dokumendiga: EVS-EN 14587-2:2024
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12953-6:2011
Trummelkatlad. Osa 6: Nõuded katla seadmestikule
Shell boilers - Part 6: Requirements for equipment for the boiler

Keel: en
Alusdokumendid: EN 12953-6:2011
Asendatud järgmise dokumendiga: EVS-EN 12953-6:2024
Standardi staatus: Kehtetu

EVS-EN 12953-9:2007
Trummelkatlad. Osa 9: Nõuded boileri ja abiseadmete limiteerimisüksustele
Shell boilers - Part 9: Requirements for limiting devices of the boiler and accessories

Keel: en
Alusdokumendid: EN 12953-9:2007
Asendatud järgmise dokumendiga: EVS-EN 12953-9:2024
Standardi staatus: Kehtetu

EVS-EN 13136:2013+A1:2018
Külmasüsteemid ja soojuspumbad. Rõhuvabastusseadmed ja nendega seotud torustik. Arvutamise meetodid
Refrigerating systems and heat pumps - Pressure relief devices and their associated piping - Methods for calculation

Keel: en
Alusdokumendid: EN 13136:2013+A1:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 24664:2024
Standardi staatus: Kehtetu

EVS-EN 16905-3:2017
Gaasiküttel töötavad endotermilise mootoriga soojuspumbad. Osa 3: Katsetingimused
Gas-fired endothermic engine driven heat pumps - Part 3: Test conditions

Keel: en
Alusdokumendid: EN 16905-3:2017
Asendatud järgmise dokumendiga: EVS-EN 16905-3:2024

Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 60947-4-3:2014

Madalpingelised lülitus- ja juhtimisaparaadid. Osa 4-3: Kontaktorid ja mootorikäivitid. Vahelduvvoolu pooljuhtkontrollerid ja -käivitid mitte-mootorkoormustele
Low-voltage switchgear and controlgear - Part 4-3: Contactors and motor-starters - AC semiconductor controllers and contactors for non-motor loads

Keel: en
Alusdokumendid: IEC 60947-4-3:2014; EN 60947-4-3:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 60947-4-3:2024
Standardi staatus: Kehtetu

EVS-EN 61347-1:2015

Lampide juhtimisseadised. Osa 1: Üld- ja ohutusnõuded
Lamp controlgear - Part 1: General and safety requirements

Keel: en
Alusdokumendid: EN 61347-1:2015; IEC 61347-1:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-1:2024
Muudetud järgmise dokumendiga: EVS-EN 61347-1:2015/A1:2021
Standardi staatus: Kehtetu

EVS-EN 61347-1:2015/A1:2021

Lampide juhtimisseadised. Osa 1: Üld- ja ohutusnõuded
Lamp controlgear - Part 1: General and safety requirements

Keel: en
Alusdokumendid: EN 61347-1:2015/A1:2021; IEC 61347-1:2015/A1:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-1:2024
Standardi staatus: Kehtetu

EVS-EN 61347-2-10:2002

Lampide juhtimisseadised. Osa 2-10: Erinõuded elektronvahelditele ja -muunduritele torukujuliste külmsüüte-lahenduslampide (neoonlampide) kõrgsagedustalitluseks
Lamp controlgear - Part 2-10: Particular requirements for electronic invertors and convertors for high-frequency operation of cold start tubular discharge lamps (neon tubes)

Keel: en
Alusdokumendid: IEC 61347-2-10:2000; EN 61347-2-10:2001
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-10:2024
Muudetud järgmise dokumendiga: EVS-EN 61347-2-10:2002/A1:2009
Parandatud järgmise dokumendiga: EVS-EN 61347-2-10:2002/AC:2011
Standardi staatus: Kehtetu

EVS-EN 61347-2-10:2002/A1:2009

Lampide juhtimisseadised. Osa 2-10: Erinõuded elektronvahelditele ja -muunduritele torukujuliste külmsüüte-lahenduslampide (neoonlampide) kõrgsagedustalitluseks
Lamp controlgear -- Part 2-10: Particular requirements for electronic invertors and convertors for high-frequency operation of cold start tubular discharge lamps (neon tubes)

Keel: en
Alusdokumendid: IEC 61347-2-10:2000/A1:2008; EN 61347-2-10:2001/A1:2009
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-10:2024
Standardi staatus: Kehtetu

EVS-EN 61347-2-10:2002/AC:2011

Lampide juhtimisseadised. Osa 2-10: Erinõuded elektronvahelditele ja -muunduritele torukujuliste külmsüüte-lahenduslampide (neoonlampide) kõrgsagedustalitluseks
Lamp controlgear - Part 2-10: Particular requirements for electronic invertors and convertors for high-frequency operation of cold start tubular discharge lamps (neon tubes)

Keel: en
Alusdokumendid: EN 61347-2-10:2001/Corr:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-10:2024
Standardi staatus: Kehtetu

EVS-EN 61347-2-11:2002

Lampide juhtimisseadised. Osa 2-11: Erinõuded mitmesugustele valgustitega kasutatavatele elektronahelatele
Lamp controlgear - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires

Keel: en
Alusdokumendid: IEC 61347-2-11:2001; EN 61347-2-11:2001
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-11:2024
Muudetud järgmise dokumendiga: EVS-EN 61347-2-11:2002/A1:2019
Parandatud järgmise dokumendiga: EVS-EN 61347-2-11:2002/AC:2011
Standardi staatus: Kehtetu

EVS-EN 61347-2-11:2002/A1:2019

Lampide juhtimisseadised. Osa 2-11: Erinõuded mitmesugustele valgustitega kasutatavatele elektronahelatele
Lamp controlgear - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires

Keel: en
Alusdokumendid: EN 61347-2-11:2001/A1:2019; IEC 61347-2-11:2001/A1:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-11:2024
Standardi staatus: Kehtetu

EVS-EN 61347-2-11:2002/AC:2011

Lampide juhtimisseadised. Osa 2-11: Erinõuded mitmesugustele valgustitega kasutatavatele elektronahelatele
Lamp controlgear - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires

Keel: en
Alusdokumendid: EN 61347-2-11:2001/Corr:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-11:2024
Standardi staatus: Kehtetu

EVS-EN 61347-2-12:2005

Lampide juhtimisseadised. Osa 2-12: Lahenduslampide (väljaarvatult luminofoorlampide) alalis- või vahelduvvoolutoitega elektron-liiteseadised
Lamp controlgear Part 2-12: Particular requirements for d.c. or a.c. Supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)

Keel: en
Alusdokumendid: IEC 61347-2-12:2005; EN 61347-2-12:2005
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-12:2024
Muudetud järgmise dokumendiga: EVS-EN 61347-2-12:2005/A1:2010
Parandatud järgmise dokumendiga: EVS-EN 61347-2-12:2005/AC:2011
Standardi staatus: Kehtetu

EVS-EN 61347-2-12:2005/A1:2010

Lampide juhtimisseadised. Osa 2-12: Lahenduslampide (väljaarvatult luminofoorlampide) alalis- või vahelduvvoolutoitega elektron-liiteseadised
Lamp controlgear Part 2-12: Particular requirements for d.c. or a.c. Supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)

Keel: en
Alusdokumendid: IEC 61347-2-12:2005/A1:2010; EN 61347-2-12:2005/A1:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-12:2024
Standardi staatus: Kehtetu

EVS-EN 61347-2-12:2005/AC:2011

Lampide juhtimisseadised. Osa 2-12: Lahenduslampide (väljaarvatult luminofoorlampide) alalis- või vahelduvvoolutoitega elektron-liiteseadised
Lamp controlgear Part 2-12: Particular requirements for d.c. or a.c. Supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)

Keel: en
Alusdokumendid: EN 61347-2-12:2005/Corr:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-12:2024
Standardi staatus: Kehtetu

EVS-EN 61347-2-13:2014

Lampide juhtimisseadised. Osa 2-13: Erinõuded valgusdioodmoodulite alalis- või vahelduvvoolutoitelistele juhtimisseadistele
Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. Supplied electronic controlgear for LED modules

Keel: en
Alusdokumendid: EN 61347-2-13:2014; IEC 61347-2-13:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-13:2024
Muudetud järgmise dokumendiga: EVS-EN 61347-2-13:2014/A1:2017
Standardi staatus: Kehtetu

EVS-EN 61347-2-13:2014/A1:2017

Lampide juhtimisseadised. Osa 2-13: Erinõuded valgusdioodmoodulite alalis- või vahelduvvoolutoitelistele juhtimisseadistele
Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules

Keel: en
Alusdokumendid: IEC 61347-2-13:2014/A1:2016; EN 61347-2-13:2014/A1:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-13:2024
Standardi staatus: Kehtetu

EVS-EN 61347-2-2:2012

Lampide juhtimisseadised. Osa 2-2: Erinõuded hõõglampide alalis- või vahelduvvoolutoitega elektroonilistele pinget vähendavatele muunduritele
Lamp controlgear - Part 2-2: Particular requirements for d.c. or a.c. supplied electronic step-down convertors for filament lamps

Keel: en
Alusdokumendid: IEC 61347-2-2:2011; EN 61347-2-2:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-2:2024
Standardi staatus: Kehtetu

EVS-EN 61347-2-3:2011

Lampide juhtimisseadised. Osa 2-3: Erinõuded luminofoorlampide vahelduvvoolu- ja/või alalisvoolutoitega elektron-juhtimisseadistele
Lamp control gear - Part 2-3: Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps

Keel: en
Alusdokumendid: IEC 61347-2-3:2011; EN 61347-2-3:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-3:2024
Muudetud järgmise dokumendiga: EVS-EN 61347-2-3:2011/A1:2017
Parandatud järgmise dokumendiga: EVS-EN 61347-2-3:2011/AC:2011
Standardi staatus: Kehtetu

EVS-EN 61347-2-3:2011/A1:2017

Lampide juhtimisseadised. Osa 2-3: Erinõuded luminofoorlampide vahelduvvoolu- ja/või alalisvoolutoitega elektron-juhtimisseadistele
Lamp control gear - Part 2-3: Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps

Keel: en
Alusdokumendid: IEC 61347-2-3:2011/A1:2016; EN 61347-2-3:2011/A1:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-3:2024
Standardi staatus: Kehtetu

EVS-EN 61347-2-3:2011/AC:2011

Lampide juhtimisseadised. Osa 2-3: Erinõuded luminofoorlampide vahelduvvoolu- ja/või alalisvoolutoitega elektron-juhtimisseadistele
Lamp control gear - Part 2-3: Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps

Keel: en
Alusdokumendid: EN 61347-2-3:2011/AC:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-3:2024
Standardi staatus: Kehtetu

EVS-EN 61347-2-8:2002

Lampide juhtimisseadised. Osa 2-8: Erinõuded luminofoorlampide liiteseadistele
Lamp controlgear - Part 2-8: Particular requirements for ballasts for fluorescent lamps

Keel: en
Alusdokumendid: IEC 61347-2-8:2000; EN 61347-2-8:2001
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-8:2024
Muudetud järgmise dokumendiga: EVS-EN 61347-2-8:2002/A1:2006
Parandatud järgmise dokumendiga: EVS-EN 61347-2-8:2002/AC:2011
Standardi staatus: Kehtetu

EVS-EN 61347-2-8:2002/A1:2006

Lampide juhtimisseadised. Osa 2-8: Erinõuded luminofoorlampide liiteseadistele
Lamp controlgear Part 2-8: Particular requirements for ballasts for fluorescent lamps

Keel: en
Alusdokumendid: IEC 61347-2-8:2000/A1:2006; EN 61347-2-8:2001/A1:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-8:2024
Standardi staatus: Kehtetu

EVS-EN 61347-2-8:2002/AC:2011

Lampide juhtimisseadised. Osa 2-8: Erinõuded luminofoorlampide liiteseadistele
Lamp controlgear - Part 2-8: Particular requirements for ballasts for fluorescent lamps

Keel: en
Alusdokumendid: EN 61347-2-8:2001/Corr:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-8:2024
Standardi staatus: Kehtetu

EVS-EN 61439-3:2012

Madalpingelised aparaadikoosted. Osa 3: Jaotuskilbid, mida tohivad käsitada tavaisikud
Low-voltage switchgear and controlgear assemblies - Part 3: Distribution boards intended to be operated by ordinary persons (DBO) (IEC 61439-3:2012)

Keel: en, et
Alusdokumendid: IEC 61439-3:2012; EN 61439-3:2012; IEC 61439-3:2012/COR2:2019; EN 61439-3:2012/AC:2019-04
Asendatud järgmise dokumendiga: EVS-EN IEC 61439-3:2024
Parandatud järgmise dokumendiga: EVS-EN 61439-3:2012/AC:2019
Standardi staatus: Kehtetu

EVS-EN 61439-3:2012/AC:2019

Madalpingelised aparaadikoosted. Osa 3: Jaotuskilbid, mida tohivad käsitada tavaisikud
Low-voltage switchgear and controlgear assemblies - Part 3: Distribution boards intended to be operated by ordinary persons (DBO)

Keel: en, et
Alusdokumendid: IEC 61439-3:2012/COR2:2019; EN 61439-3:2012/AC:2019-04
Asendatud järgmise dokumendiga: EVS-EN IEC 61439-3:2024
Standardi staatus: Kehtetu

EVS-EN 61442:2005

Test methods for accessories for power cables with rated voltages from 6 kV (Um = 7,2 kV) up to 36 kV (Um = 42 kV)

Keel: en
Alusdokumendid: IEC 61442:2005; EN 61442:2005
Asendatud järgmise dokumendiga: EVS-EN IEC 61442:2024
Standardi staatus: Kehtetu

EVS-EN 61557-13:2011

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetamis-, mõõte- ja seireseadmed. Osa 13: Käeshoitavad ja käsitsi kasutatavad voolutangid lekkevoolude mõõtmiseks elektrijaotussüsteemides
Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 13: Hand-held and hand-manipulated current clamps and sensors for measurement of leakage currents in electrical distribution systems

Keel: en
Alusdokumendid: IEC 61557-13:2011; EN 61557-13:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 61557-13:2024

Standardi staatus: Kehtetu

EVS-EN 61557-14:2013

Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 14: Equipment for testing the safety of electrical equipment of machinery (IEC 61557-14:2013)

Keel: en
Alusdokumendid: IEC 61557-14:2013; EN 61557-14:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 61557-14:2024
Standardi staatus: Kehtetu

EVS-EN 61557-16:2015

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetamis-, mõõte- ja seireseadmed. Osa 16: Elektriseadmete ja/või meditsiiniliste elektriseadmete kaitseviiside tõhususe katsetamise seadmed
Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 16: Equipment for testing the effectiveness of the protective measures of electrical equipment and/or medical electrical equipment

Keel: en
Alusdokumendid: IEC 61557-16:2014; EN 61557-16:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 61557-16:2024
Standardi staatus: Kehtetu

EVS-EN 62870:2015

Electrical installations for lighting and beaconing of aerodromes - Safety secondary circuits in series circuits - General safety requirements

Keel: en
Alusdokumendid: EN 62870:2015; IEC 62870:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 61820-3-4:2023
Standardi staatus: Kehtetu

EVS-EN IEC 60598-1:2021

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

Keel: en
Alusdokumendid: IEC 60598-1:2020; EN IEC 60598-1:2021
Asendatud järgmise dokumendiga: EVS-EN IEC 60598-1:2024
Konsolideeritud järgmise dokumendiga: EVS-EN IEC 60598-1:2021+A11:2022
Muudetud järgmise dokumendiga: EVS-EN IEC 60598-1:2021/A11:2022
Standardi staatus: Kehtetu

EVS-EN IEC 60598-1:2021/A11:2022

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

Keel: en
Alusdokumendid: EN IEC 60598-1:2021/A11:2022
Asendatud järgmise dokumendiga: EVS-EN IEC 60598-1:2024
Konsolideeritud järgmise dokumendiga: EVS-EN IEC 60598-1:2021+A11:2022
Standardi staatus: Kehtetu

EVS-EN IEC 60598-1:2021+A11:2022

Valgustid. Osa 1: Üldnõuded ja katsetused
Luminaires - Part 1: General requirements and tests (IEC 60598-1:2020)

Keel: en
Alusdokumendid: IEC 60598-1:2020; EN IEC 60598-1:2021; EN IEC 60598-1:2021/A11:2022
Asendatud järgmise dokumendiga: EVS-EN IEC 60598-1:2024
Standardi staatus: Kehtetu

EVS-HD 60364-7-701:2007

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid
Low voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower

Keel: en, et
Alusdokumendid: IEC 60364-7-701:2006; HD 60364-7-701:2007
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024+A11:2024
Konsolideeritud järgmise dokumendiga: EVS-HD 60364-7-701:2007+A11+A12
Muudetud järgmise dokumendiga: EVS-HD 60364-7-701:2007/A11:2011
Muudetud järgmise dokumendiga: EVS-HD 60364-7-701:2007/A12:2017
Parandatud järgmise dokumendiga: EVS-HD 60364-7-701:2007/AC:2011
Standardi staatus: Kehtetu

EVS-HD 60364-7-701:2007/A11:2011

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid
Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower

Keel: en, et
Alusdokumendid: HD 60364-7-701:2007/A11:2011
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024+A11:2024
Konsolideeritud järgmise dokumendiga: EVS-HD 60364-7-701:2007+A11+A12
Standardi staatus: Kehtetu

EVS-HD 60364-7-701:2007/A12:2017

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid
Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower

Keel: en, et
Alusdokumendid: HD 60364-7-701:2007/A12:2017
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024+A11:2024
Konsolideeritud järgmise dokumendiga: EVS-HD 60364-7-701:2007+A11+A12
Standardi staatus: Kehtetu

EVS-HD 60364-7-701:2007/AC:2011

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid
Low voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower

Keel: en
Alusdokumendid: HD 60364-7-701:2007/AC:2011
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024+A11:2024
Standardi staatus: Kehtetu

EVS-HD 60364-7-701:2007+A11:2011

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid
Low voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower

Keel: en, et
Alusdokumendid: IEC 60364-7-701:2006; HD 60364-7-701:2007; HD 60364-7-701:2007/A11:2011
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024+A11:2024
Muudetud järgmise dokumendiga: EVS-HD 60364-7-701:2007/A12:2017
Standardi staatus: Kehtetu

EVS-HD 60364-7-701:2007+A11+A12

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid
Low voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower (IEC 60364-7-701:2006, modified)

Keel: en, et
Alusdokumendid: IEC 60364-7-701:2006; HD 60364-7-701:2007; HD 60364-7-701:2007/A11:2011; HD 60364-7-701:2007/A12:2017
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024+A11:2024
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 60825-4:2006

Lasertoodete ohutus. Osa 4: Kaitsed laserite eest
Safety of laser products - Part 4: Laser guards

Keel: en
Alusdokumendid: IEC 60825-4:2006; EN 60825-4:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 60825-4:2024
Muudetud järgmise dokumendiga: EVS-EN 60825-4:2006/A1:2008
Muudetud järgmise dokumendiga: EVS-EN 60825-4:2006/A2:2011
Standardi staatus: Kehtetu

EVS-EN 60825-4:2006/A1:2008

Lasertoodete ohutus. Osa 4: Kaitsed laserite eest
Safety of laser products - Part 4: Laser guards

Keel: en
Alusdokumendid: IEC 60825-4:2006/A1:2008; EN 60825-4:2006/A1:2008
Asendatud järgmise dokumendiga: EVS-EN IEC 60825-4:2024
Standardi staatus: Kehtetu

EVS-EN 60825-4:2006/A2:2011

Lasertoodete ohutus. Osa 4: Kaitsed laserite eest
Safety of laser products - Part 4: Laser guards

Keel: en
Alusdokumendid: IEC 60825-4:2006/A2:2011; EN 60825-4:2006/A2:2011
Asendatud järgmise dokumendiga: EVS-EN IEC 60825-4:2024
Standardi staatus: Kehtetu

EVS-EN 60947-4-3:2014

Madalpingelised lülitus- ja juhtimisaparaadid. Osa 4-3: Kontaktorid ja mootorikäivitid. Vahelduvvoolu pooljuhtkontrollerid ja -käivitid mitte-mootorkoormustele
Low-voltage switchgear and controlgear - Part 4-3: Contactors and motor-starters - AC semiconductor controllers and contactors for non-motor loads

Keel: en
Alusdokumendid: IEC 60947-4-3:2014; EN 60947-4-3:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 60947-4-3:2024
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CEN/TS 17118:2017

Intelligent transport systems - Public transport - Open API for distributed journey planning

Keel: en
Alusdokumendid: CEN/TS 17118:2017
Asendatud järgmise dokumendiga: CEN/TS 17118:2024
Standardi staatus: Kehtetu

EVS-EN ISO 17573-3:2023

Electronic fee collection - System architecture for vehicle-related tolling - Part 3: Data dictionary (ISO 17573-3:2023)

Keel: en
Alusdokumendid: ISO 17573-3:2023; EN ISO 17573-3:2023

Asendatud järgmise dokumendiga: EVS-EN ISO 17573-3:2024
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 14750-1:2006
Railway applications - Air conditioning for urban and suburban rolling stock - Part 1: Comfort parameters

Keel: en
Alusdokumendid: EN 14750-1:2006
Asendatud järgmise dokumendiga: EVS-EN 14750:2024
Standardi staatus: Kehtetu

EVS-EN 14750-2:2006
Railway applications - Air conditioning for urban and suburban rolling stock - Part 2: Type tests

Keel: en
Alusdokumendid: EN 14750-2:2006
Asendatud järgmise dokumendiga: EVS-EN 14750:2024
Standardi staatus: Kehtetu

EVS-EN 15663:2017+A1:2018
Raudteealased rakendused. Veeremi lähtekaalud
Railway applications - Vehicle reference masses

Keel: en
Alusdokumendid: EN 15663:2017+A1:2018
Asendatud järgmise dokumendiga: EVS-EN 15663:2017+A2:2024
Standardi staatus: Kehtetu

EVS-EN 17530:2022
Railway applications - Interior glazing for rail vehicles

Keel: en
Alusdokumendid: EN 17530:2022
Asendatud järgmise dokumendiga: EVS-EN 17530:2022+A1:2024
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 2213:2012
Aerospace series - Steel FE-PL1505 (15CrMoV6) - Air melted - Hardened and tempered - Bars - De ≤ 16 mm - 980 MPa ≤ Rm ≤ 1 180 MPa

Keel: en
Alusdokumendid: EN 2213:2012
Asendatud järgmise dokumendiga: EVS-EN 2213:2024
Standardi staatus: Kehtetu

EVS-EN 2252:2012
Aerospace series - Steel FE-PL1505 (15CrMoV6) - 1 080 MPa ≤ Rm ≤ 1 250 MPa - Forgings - De ≤ 100 mm

Keel: en
Alusdokumendid: EN 2252:2012
Asendatud järgmise dokumendiga: EVS-EN 2252:2024
Standardi staatus: Kehtetu

EVS-EN 2714-014:2016
Aerospace series - Cables, electrical, single and multicore for general purpose - Operating temperatures between - 55 °C and 260 °C - Part 014: DR family, 4 to 11 cores, taped, screened (braided) and jacketed, UV laser printable - Product standard

Keel: en
Alusdokumendid: EN 2714-014:2016
Asendatud järgmise dokumendiga: EVS-EN 2714-014:2024
Standardi staatus: Kehtetu

EVS-EN 3480:2007

Aerospace series - Steel FE-PA3601 (X6CrNiTi18-10) - Air melted - Softened - Plate - 6 mm < a ≤ 50 mm - 500 MPa ≤ Rm ≤ 700 Mpa

Keel: en
Alusdokumendid: EN 3480:2007
Asendatud järgmise dokumendiga: EVS-EN 3480:2024
Standardi staatus: Kehtetu

EVS-EN 3523:2007

Aerospace series - Steel FE-PL1505 (15CrMoV6) - Air melted - Hardened and tempered - Bar for machining - De ≤ 100 mm - 1 080 MPa ≤ Rm ≤ 1 280 Mpa

Keel: en
Alusdokumendid: EN 3523:2007
Asendatud järgmise dokumendiga: EVS-EN 3523:2024
Standardi staatus: Kehtetu

EVS-EN 3661-001:2006

Aerospace series - Circuit breakers, single-pole, temperature compensated, rated current 20 A to 50 A - Part 001: Technical specification

Keel: en
Alusdokumendid: EN 3661-001:2006
Asendatud järgmise dokumendiga: EVS-EN 3661-001:2024
Standardi staatus: Kehtetu

EVS-EN 3662-001:2006

Aerospace series - Circuit breakers, three-pole, temperature compensated, rated current 20 A to 50 A - Part 001: Technical specification

Keel: en
Alusdokumendid: EN 3662-001:2006
Asendatud järgmise dokumendiga: EVS-EN 3662-001:2024
Standardi staatus: Kehtetu

EVS-EN 3773-001:2014

Aerospace series - Circuit breakers, single-pole, temperature compensated, rated currents 1 A to 25 A - Part 001: Technical specification

Keel: en
Alusdokumendid: EN 3773-001:2014
Asendatud järgmise dokumendiga: EVS-EN 3773-001:2024
Standardi staatus: Kehtetu

EVS-EN 3774-001:2014

Aerospace series - Circuit breakers, three-pole, temperature compensated, rated currents 1 A to 25 A - Part 001: Technical specification

Keel: en
Alusdokumendid: EN 3774-001:2014
Asendatud järgmise dokumendiga: EVS-EN 3774-001:2024
Standardi staatus: Kehtetu

EVS-EN 4681-002:2012

Aerospace series - Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium - Part 002: General

Keel: en
Alusdokumendid: EN 4681-002:2012
Asendatud järgmise dokumendiga: EVS-EN 4681-002:2024
Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 12957-2:2005

Geosynthetics - Determination of friction characteristics - Part 2: Inclined plane test

Keel: en
Alusdokumendid: ISO 12957-2:2005; EN ISO 12957-2:2005
Asendatud järgmise dokumendiga: EVS-EN ISO 12957-2:2024
Standardi staatus: Kehtetu

EVS-EN ISO 17234-1:2020
Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 1: Determination of certain aromatic amines derived from azo colorants (ISO 17234-1:2020)

Keel: en
Alusdokumendid: ISO 17234-1:2020; EN ISO 17234-1:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 17234-1:2024
Standardi staatus: Kehtetu

65 PÕLLUMAJANDUS

EVS-EN 13684:2018
Garden equipment - Pedestrian controlled lawn aerators and scarifiers - Safety

Keel: en
Alusdokumendid: EN 13684:2018
Asendatud järgmise dokumendiga: EVS-EN 13684:2018+A1:2024
Standardi staatus: Kehtetu

EVS-EN 1482-1:2007
Väetised ja lubiained. Proovide võtmine ja proovide ettevalmistamine. Osa 1: Proovide võtmine
Fertilizers and liming materials - Sampling and sample preparation - Part 1: Sampling

Keel: en, et
Alusdokumendid: EN 1482-1:2007
Asendatud järgmise dokumendiga: EVS-EN 1482-1:2024
Standardi staatus: Kehtetu

EVS-EN 1482-2:2007
Väetised ja lubiväetised. Proovivõtmine ja proovi ettevalmistamine. Osa 2: Proovi ettevalmistamine
Fertilizers and liming materials - Sampling and sample preparation - Part 2: Sample preparation

Keel: en
Alusdokumendid: EN 1482-2:2007
Asendatud järgmise dokumendiga: EVS-EN 1482-2:2024
Standardi staatus: Kehtetu

EVS-EN 1482-3:2016
Väetised ja lubiväetised. Proovivõtmine ja proovi ettevalmistamine. Osa 3: Proovide võtmine staatilistest puistangutest
Fertilizers and liming materials - Sampling and sample preparation - Part 3: Sampling of static heaps

Keel: en
Alusdokumendid: EN 1482-3:2016
Asendatud järgmise dokumendiga: EVS-EN 1482-3:2024
Standardi staatus: Kehtetu

71 KEEMILINE TEHNOLOOGIA

EVS-EN 1657:2016
Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in the veterinary area - Test method and requirements (phase 2, step 1)

Keel: en
Alusdokumendid: EN 1657:2016
Asendatud järgmise dokumendiga: EVS-EN 1657:2024
Standardi staatus: Kehtetu

EVS-EN 901:2013
Chemicals used for treatment of water intended for human consumption - Sodium hypochlorite

Keel: en
Alusdokumendid: EN 901:2013
Asendatud järgmise dokumendiga: EVS-EN 901:2024
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN ISO 13503-2:2006

Nafta ja maagaasitööstused. Viimistlusvedelikud ja materjalid. Osa 2: Hüdraulilisel fragmentatsioonil ja kruusaga tihendamisel kasutatavate fraktantide omaduste mõõtmine
Petroleum and natural gas industries - Completion fluids and materials - Part 2: Measurement of properties of proppants used in hydraulic fracturing and gravel-packing operations

Keel: en
Alusdokumendid: ISO 13503-2:2006; EN ISO 13503-2:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 13503-2:2024
Muudetud järgmise dokumendiga: EVS-EN ISO 13503-2:2006/A1:2009
Standardi staatus: Kehtetu

EVS-EN ISO 13503-2:2006/A1:2009

Petroleum and natural gas industries - Completion fluids and materials - Part 2: Measurement of properties of proppants used in hydraulic fracturing and gravel-packing operations - Amendment 1: Addition of Annex B: Proppand specification

Keel: en
Alusdokumendid: ISO 13503-2:2006/Amd 1:2009; EN ISO 13503-2:2006/A1:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 13503-2:2024
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 24937:2000

Teras ja raud. Kroomisisalduse määramine. Potentsiomeetrilise või nähtava tiitrimise meetod
Steel and iron - Determination of chromium content - Potentiometric or visual titration method

Keel: en
Alusdokumendid: ISO 4937:1986; EN 24937:1990+AC:1991
Asendatud järgmise dokumendiga: EVS-EN ISO 4937:2024
Standardi staatus: Kehtetu

EVS-EN ISO 16784-1:2008

Corrosion of metals and alloys - Corrosion and fouling in industrial cooling water systems - Part 1: Guidelines for conducting pilot-scale evaluation of corrosion and fouling control additives for open recirculating cooling water systems

Keel: en
Alusdokumendid: ISO 16784-1:2006; EN ISO 16784-1:2008
Asendatud järgmise dokumendiga: EVS-EN ISO 16784-1:2024
Standardi staatus: Kehtetu

EVS-EN ISO 16784-2:2008

Corrosion of metals and alloys - Corrosion and fouling in industrial cooling water systems - Part 2: Evaluation of the performance of cooling water treatment programmes using a pilot-scale test rig

Keel: en
Alusdokumendid: ISO 16784-2:2006; EN ISO 16784-2:2008
Asendatud järgmise dokumendiga: EVS-EN ISO 16784-2:2024
Standardi staatus: Kehtetu

79 PUIDUTEHNOLOOGIA

EVS-EN 1058:2010

Puitplaadid. 5% tunnusväärtuste ja keskmiste tunnusväärtuste määramine
Wood-based panels - Determination of characteristic 5-percentile values and characteristic mean values

Keel: en
Alusdokumendid: EN 1058:2009
Asendatud järgmise dokumendiga: EVS-EN 1058:2024
Standardi staatus: Kehtetu

EVS-EN ISO 19085-12:2021

Puidutöötlemismasinad. Ohutus. Osa 12: Tappimis-/profileerimismasinad
Woodworking machines - Safety - Part 12: Tenoning/profiling machines (ISO 19085-12:2021)

Keel: en
Alusdokumendid: ISO 19085-12:2021; EN ISO 19085-12:2021
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-12:2024
Muudetud järgmise dokumendiga: EVS-EN ISO 19085-12:2021/A11:2023
Standardi staatus: Kehtetu

EVS-EN ISO 19085-12:2021/A11:2023

Puidutöötlemismasinad. Ohutus. Osa 12: Tappimis-/profileerimismasinad
Woodworking machines - Safety - Part 12: Tenoning/profiling machines (ISO 19085-12:2021)

Keel: en
Alusdokumendid: EN ISO 19085-12:2021/A11:2023
Asendatud järgmise dokumendiga: EVS-EN ISO 19085-12:2024
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

CEN/TS 17188:2018

Materials obtained from end of life tyres (ELT) - Sampling method for granulates and powders stored in big-bags

Keel: en
Alusdokumendid: CEN/TS 17188:2018
Asendatud järgmise dokumendiga: EVS-EN 17188:2024
Standardi staatus: Kehtetu

CEN/TS 17189:2018

Materials obtained from end of life tyres (ELT) - Determination of the true density of granulates - Method based on water pycnometry

Keel: en
Alusdokumendid: CEN/TS 17189:2018
Asendatud järgmise dokumendiga: EVS-EN 17189:2024
Standardi staatus: Kehtetu

EVS-EN ISO 1628-1:2021

Plastics - Determination of the viscosity of polymers in dilute solution using capillary viscometers - Part 1: General principles (ISO 1628-1:2021)

Keel: en
Alusdokumendid: ISO 1628-1:2021; EN ISO 1628-1:2021
Asendatud järgmise dokumendiga: EVS-EN ISO 1628-1:2024
Standardi staatus: Kehtetu

EVS-EN ISO 19069-2:2016

Plastics - Polypropylene (PP) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 19069-2:2016)

Keel: en
Alusdokumendid: ISO 19069-2:2016; EN ISO 19069-2:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 19069-2:2024
Standardi staatus: Kehtetu

EVS-EN ISO 29862:2019

Self adhesive tapes - Determination of peel adhesion properties (ISO 29862:2018)

Keel: en
Alusdokumendid: ISO 29862:2018; EN ISO 29862:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 29862:2024
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS 875-13:2016

Vara hindamine. Osa 13: Keskkonnakvaliteedi, maakasutuse piirangute ja looduskaitse arvestamine kinnisvara hindamisel
Property valuation - Part 13: Consideration of environmental quality, land use restrictions and nature protection in property valuation

Keel: et
Asendatud järgmise dokumendiga: EVS 875-13:2024
Standardi staatus: Kehtetu

EVS-EN 1169:2001

Precast concrete products - General rules for factory production control of glass-fibre reinforced cement

Keel: en
Alusdokumendid: EN 1169:1999
Asendatud järgmise dokumendiga: EVS-EN 1169:2024
Standardi staatus: Kehtetu

EVS-EN 1170-1:2000

Betoonvalmistooted. Klaaskiudbetooni teimimismeetod. Osa 1: Konsistentsi määramine koonuse vajumise meetodil
Precast concrete products - Test method for glass-fibre reinforced cement - Part 1: Measuring the consistency of the matrix "Slump test" method

Keel: en
Alusdokumendid: EN 1170-1:1997
Asendatud järgmise dokumendiga: EVS-EN 1170:2024
Standardi staatus: Kehtetu

EVS-EN 1170-2:2000

Betoonvalmistooted. Klaaskiudbetooni teimimismeetod. Osa 2: Värske kiudbetooni kiusisalduse määramine väljapesemisteimil
Precast concrete products - Test method for glass-fibre reinforced cement - Part 2: Measuring the fibre content in fresh GRC, "Wash out test"

Keel: en
Alusdokumendid: EN 1170-2:1997
Asendatud järgmise dokumendiga: EVS-EN 1170:2024
Standardi staatus: Kehtetu

EVS-EN 1170-3:2000

Betoonvalmistooted. Klaaskiudbetooni teimimismeetod. Osa 3: Kiusisalduse määramine klaaskiuga pritsmördis
Precast concrete products - Test method for glass-fibre reinforced cement - Part 3: Measuring the fibre content of sprayed GRC

Keel: en
Alusdokumendid: EN 1170-3:1997
Asendatud järgmise dokumendiga: EVS-EN 1170:2024
Standardi staatus: Kehtetu

EVS-EN 1170-4:2000

Betoonvalmistooted. Klaaskiudbetooni teimimismeetod. Osa 4: Paindetugevuse määramise lihtsustatud meetod
Precast concrete products - Test method for glass-fibre reinforced cement - Part 4: Measuring bending strength, "Simplified bending test" method

Keel: en
Alusdokumendid: EN 1170-4:1997
Asendatud järgmise dokumendiga: EVS-EN 1170:2024
Standardi staatus: Kehtetu

EVS-EN 1170-5:2000

Betoonvalmistooted. Klaaskiudbetooni teimimismeetod. Osa 5: Paindetugevuse määramise tervikmeetod
Precast concrete products - Test method for glass-fibre reinforced cement - Part 5: Measuring bending strength, "Complete bending test" method

Keel: en
Alusdokumendid: EN 1170-5:1997
Asendatud järgmise dokumendiga: EVS-EN 1170:2024
Standardi staatus: Kehtetu

EVS-EN 1170-6:2000

Betoonvalmistooted. Klaaskiudbetooni teimimismeetod. Osa 6: Veeimavuse ja kuivtiheduse määramine
Precast concrete products - Test method for glass-fibre reinforced cement - Part 6: Determination of the absorption of water by immersion and determination of the dry density

Keel: en
Alusdokumendid: EN 1170-6:1997
Asendatud järgmise dokumendiga: EVS-EN 1170:2024
Standardi staatus: Kehtetu

EVS-EN 1170-7:2000

Betoonvalmistooted. Klaaskiudbetooni teimimismeetod. Osa 7: Niiskusesisaldusest tingitud mõõtmete piirmuutuste määramine
Precast concrete products - Test method for glass-fibre reinforced cement - Part 7: Measurement of extremes of dimensional variations due to moisture content

Keel: en
Alusdokumendid: EN 1170-7:1997
Asendatud järgmise dokumendiga: EVS-EN 1170:2024
Standardi staatus: Kehtetu

EVS-EN 1170-8:2008

Test method for glass-fibre reinforced cement - Part 8: Cyclic weathering type test

Keel: en
Alusdokumendid: EN 1170-8:2008
Asendatud järgmise dokumendiga: EVS-EN 1170:2024
Standardi staatus: Kehtetu

EVS-EN 12978:2003+A1:2009

Tööstus- ja kaubandushoonete ning garaažide uksed ja väravad. Ohutusseadmed elektri abil töötavatele ustele ja väravatele. Nõuded ja katsemeetodid KONSOLIDEERITUD TEKST
Industrial, commercial and garage doors and gates - Safety devices for power operated doors and gates - Requirements and test methods CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 12978:2003+A1:2009
Asendatud järgmise dokumendiga: EVS-EN 12978:2024
Standardi staatus: Kehtetu

EVS-EN 15191:2010

Precast concrete products - Classification of glass-fibre reinforced concrete performances

Keel: en
Alusdokumendid: EN 15191:2009
Asendatud järgmise dokumendiga: EVS-EN 15191:2024
Standardi staatus: Kehtetu

EVS-HD 60364-7-701:2007

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid
Low voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower

Keel: en, et
Alusdokumendid: IEC 60364-7-701:2006; HD 60364-7-701:2007
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024+A11:2024

Konsolideeritud järgmise dokumendiga: EVS-HD 60364-7-701:2007+A11+A12
Muudetud järgmise dokumendiga: EVS-HD 60364-7-701:2007/A11:2011
Muudetud järgmise dokumendiga: EVS-HD 60364-7-701:2007/A12:2017
Parandatud järgmise dokumendiga: EVS-HD 60364-7-701:2007/AC:2011
Standardi staatus: Kehtetu

EVS-HD 60364-7-701:2007/A11:2011

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid
Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower

Keel: en, et
Alusdokumendid: HD 60364-7-701:2007/A11:2011
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024+A11:2024
Konsolideeritud järgmise dokumendiga: EVS-HD 60364-7-701:2007+A11+A12
Standardi staatus: Kehtetu

EVS-HD 60364-7-701:2007/A12:2017

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid
Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower

Keel: en, et
Alusdokumendid: HD 60364-7-701:2007/A12:2017
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024+A11:2024
Konsolideeritud järgmise dokumendiga: EVS-HD 60364-7-701:2007+A11+A12
Standardi staatus: Kehtetu

EVS-HD 60364-7-701:2007/AC:2011

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid
Low voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower

Keel: en
Alusdokumendid: HD 60364-7-701:2007/AC:2011
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024+A11:2024
Standardi staatus: Kehtetu

EVS-HD 60364-7-701:2007+A11:2011

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid
Low voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower

Keel: en, et
Alusdokumendid: IEC 60364-7-701:2006; HD 60364-7-701:2007; HD 60364-7-701:2007/A11:2011
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024+A11:2024
Muudetud järgmise dokumendiga: EVS-HD 60364-7-701:2007/A12:2017
Standardi staatus: Kehtetu

EVS-HD 60364-7-701:2007+A11+A12

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne ja dušše sisaldavad ruumid
Low voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower (IEC 60364-7-701:2006, modified)

Keel: en, et
Alusdokumendid: IEC 60364-7-701:2006; HD 60364-7-701:2007; HD 60364-7-701:2007/A11:2011; HD 60364-7-701:2007/A12:2017
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024
Asendatud järgmise dokumendiga: EVS-HD 60364-7-701:2024+A11:2024
Standardi staatus: Kehtetu

93 RAJATISED

EVS 875-13:2016
Vara hindamine. Osa 13: Keskkonnakvaliteedi, maakasutuse piirangute ja looduskaitse arvestamine kinnisvara hindamisel
Property valuation - Part 13: Consideration of environmental quality, land use restrictions and nature protection in property valuation

Keel: et
Asendatud järgmise dokumendiga: EVS 875-13:2024
Standardi staatus: Kehtetu

EVS-EN 12767:2019
Teepäraldiste tugikonstruktsioonide passiivne ohutus. Nõuded ja katsemeetodid
Passive safety of support structures for road equipment - Requirements and test methods

Keel: en, et
Alusdokumendid: EN 12767:2019
Asendatud järgmise dokumendiga: EVS-EN 12767:2019+A1:2024
Standardi staatus: Kehtetu

EVS-EN 14587-2:2009
Raudteealased rakendused. Rööbastee. Rööbaste sulatuspõkk-keevitus (elekterkontaktkeevitus). Osa 2: Uute R220, R260, R260Mn ja R350HT klassi rööbaste keevitamine mobiilsete keevitusseadmetega väljaspool statsionaarseid töökodasid
Railway applications - Track - Flash butt welding of rails - Part 2: New R220, R260, R260Mn and R350HT grade rails by mobile welding machines at sites other than a fixed plant

Keel: en, et
Alusdokumendid: EN 14587-2:2009
Asendatud järgmise dokumendiga: EVS-EN 14587-2:2024
Standardi staatus: Kehtetu

EVS-EN 62870:2015
Electrical installations for lighting and beaconing of aerodromes - Safety secondary circuits in series circuits - General safety requirements

Keel: en
Alusdokumendid: EN 62870:2015; IEC 62870:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 61820-3-4:2023
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

CEN/TS 16163:2014
Conservation of Cultural Heritage - Guidelines and procedures for choosing appropriate lighting for indoor exhibitions

Keel: en
Alusdokumendid: CEN/TS 16163:2014
Asendatud järgmise dokumendiga: EVS-EN 16163:2024
Standardi staatus: Kehtetu

EVS-EN 30-2-1:2015
Kodused gaaskuumutusega toiduvalmistusseadmed. Osa 2-1: Energia säästmine. Üldist
Domestic cooking appliances burning gas - Part 2-1: Rational use of energy - General

Keel: en
Alusdokumendid: EN 30-2-1:2015
Asendatud järgmise dokumendiga: EVS-EN 30-2-1:2024
Standardi staatus: Kehtetu

EVS-EN 30-2-2:2000
Kodused gaaskuumutusega toiduvalmistusseadmed. Osa 2-2: Energiasäästlikkus. Võimendatud konvektsiooniga ahjud ja/või grillid
Domestic cooking appliances burning gas - Part 2-2: Rational use of energy - Appliances having forced-convection ovens and/or grills

Keel: en
Alusdokumendid: EN 30-2-2:1999

Asendatud järgmise dokumendiga: EVS-EN 30-2-2:2024
Standardi staatus: Kehtetu

EVS-EN 50523-2:2010
Household appliances interworking - Part 2: Data structures

Keel: en
Alusdokumendid: EN 50523-2:2009
Standardi staatus: Kehtetu

EVS-EN 60705:2015
Household microwave ovens - Methods for measuring performance

Keel: en
Alusdokumendid: EN 60705:2015; IEC 60705:2010/A1:2014; IEC 60705:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 60705:2024
Muudetud järgmise dokumendiga: EVS-EN 60705:2015/A2:2018
Standardi staatus: Kehtetu

EVS-EN 60705:2015/A2:2018
Household microwave ovens - Methods for measuring performance

Keel: en
Alusdokumendid: EN 60705:2015/A2:2018; IEC 60705:2010/A2:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 60705:2024
Standardi staatus: Kehtetu

EVS-EN 71-3:2019+A1:2021
Mänguasjade ohutus. Osa 3: Teatud elementide migratsioon
Safety of toys - Part 3: Migration of certain elements

Keel: en, et
Alusdokumendid: EN 71-3:2019+A1:2021
Asendatud järgmise dokumendiga: EVS-EN 71-3:2019+A2:2024
Standardi staatus: Kehtetu

EVS-EN ISO 10256-2:2018
Jäähoki mängimisel kasutatav kaitsevarustus. Osa 2: Uisutajate peakaitsevahendid
Protective equipment for use in ice hockey - Part 2: Head protection for skaters (ISO 10256-2:2016)

Keel: en
Alusdokumendid: ISO 10256-2:2016; EN ISO 10256-2:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 10256-2:2024
Standardi staatus: Kehtetu

EVS-EN ISO 10256-3:2018
Jäähoki mängimisel kasutatav kaitsevarustus. Osa 3: Uisutajate näokaitsevahendid
Protective equipment for use in ice hockey - Part 3: Face protectors for skaters (ISO 10256-3:2016)

Keel: en
Alusdokumendid: ISO 10256-3:2016; EN ISO 10256-3:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 10256-3:2024
Standardi staatus: Kehtetu

EVS-EN ISO 10256-4:2018
Jäähoki mängimisel kasutatav kaitsevarustus. Osa 4: Väravavahtide pea- ja näokaitsevahendid
Protective equipment for use in ice hockey - Part 4: Head and face protection for goalkeepers (ISO 10256-4:2016)

Keel: en
Alusdokumendid: ISO 10256-4:2016; EN ISO 10256-4:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 10256-4:2024
Standardi staatus: Kehtetu

EVS-EN ISO 20957-1:2013
Statsionaarne treenimisvarustus. Osa 1: Üldised ohutusnõuded ja katsemeetodid
Stationary training equipment - Part 1: General safety requirements and test methods (ISO 20957-1:2013)

Keel: en
Alusdokumendid: ISO 20957-1:2013; EN ISO 20957-1:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 20957-1:2024
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.

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

prEN ISO 17573-2
Electronic fee collection - System architecture for vehicle related tolling - Part 2: Vocabulary (ISO/DIS 17573-2:2024)

This document defines terms within the field of electronic fee collection (EFC). This document defines: — terms within the fields of electronic fee collection and road user charging; — terms that are used in standards related to electronic fee collection; — terms of a more general use that are used more specifically in standards related to electronic fee collection. This document does not define: — Terms related primarily to other fields that operate in conjunction with EFC, such as terms for intelligent transport systems (ITS), common payment systems, the financial sector, etc. — Deprecated terms.

Keel: en
Alusdokumendid: ISO/DIS 17573-2; prEN ISO 17573-2

Arvamusküsitluse lõppkuupäev: 28.02.2025

11 TERVISEHOOLDUS

EN 60601-2-4:2011/prA2:2024
Medical electrical equipment - Part 2-4: Particular requirements for the basic safety and essential performance of cardiac defibrillators

Amendment to EN 60601-2-4:2011

Keel: en
Alusdokumendid: 62D/2185/CDV; EN 60601-2-4:2011/prA2:2024
Muudab dokumenti: EVS-EN 60601-2-4:2011
Muudab dokumenti: EVS-EN 60601-2-4:2011+A1:2019

Arvamusküsitluse lõppkuupäev: 28.02.2025

EVS-EN ISO 14155:2020/prA11
Meditsiiniseadme kliiniline uuring inimesel. Hea kliiniline tava
Clinical investigation of medical devices for human subjects - Good clinical practice

Amendment to EN ISO 14155:2020

Keel: en
Alusdokumendid: EN ISO 14155:2020/A11:2020
Muudab dokumenti: EVS-EN ISO 14155:2020

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN IEC 60601-2-91:2024

Particular requirement for basic safety and essential performance of non-thermal plasma wound treatment equipment

201.1 Scope, object and related standards Clause 1 of the general standard1) applies, except as follows: 201.1.1 Scope Replacement: This part of IEC 60601 applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of NON-THERMAL PLASMA WOUND TREATMENT EQUIPMENT hereafter referred to as ME EQUIPMENT. NON-THERMAL PLASMA WOUND TREATMENT EQUIPMENT apples to chronic and acute wounds as well as diverse skin and itching diseases HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this document are not covered by specific requirements in this document except in 7.2.13 of the general standard. This document does not apply to: ME EQUIPMENT intended for the haemostasis in biological tissue by using ionized gas (see IEC 60601-2-76).

Keel: en
Alusdokumendid: prEN IEC 60601-2-91:2023; IEC 60601-2-91 ED1 (62D/2183/CDV)

Arvamusküsitluse lõppkuupäev: 29.01.2025

prEN ISO 15621

Absorbent incontinence products for urine and/or faeces - General guidelines on evaluation (ISO/DIS 15621:2024)

ISO 15621:2017 gives guidelines for evaluating absorbent incontinence aids for urine and/or faeces. It provides a context for the procedures described in other International Standards and published testing procedures. General factors relating to incontinence products and their usage are also addressed.

Keel: en
Alusdokumendid: ISO/DIS 15621; prEN ISO 15621
Asendab dokumenti: EVS-EN ISO 15621:2017

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 17510

Medical devices - Sleep apnoea breathing therapy - Masks and application accessories (ISO/DIS 17510:2024)

ISO 17510:2015 applies to masks and their accessories used to connect a sleep apnoea breathing therapy equipment to the patient. It specifies requirements for masks and accessories, including any connecting element, that are required to connect the patient-connection port of sleep apnoea breathing therapy equipment to a patient for the application of sleep apnoea breathing therapy (e.g. nasal masks, exhaust ports and headgear).

Keel: en
Alusdokumendid: ISO/DIS 17510; prEN ISO 17510
Asendab dokumenti: EVS-EN ISO 17510:2020

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 80601-2-70

Medical electrical equipment - Part 2-70: Particular requirements for basic safety and essential performance of sleep apnoea breathing therapy equipment (ISO/DIS 80601-2-70:2024)

This document is applicable to the basic safety and essential performance of sleep apnoea breathing therapy equipment, hereafter referred to as ME equipment, intended to alleviate the symptoms of patients who suffer from obstructive sleep apnoea by delivering a therapeutic breathing pressure to the respiratory tract of the patient. Sleep apnoea breathing therapy equipment is intended for use in the home healthcare environment by lay operators as well as in professional healthcare institutions. * Sleep apnoea breathing therapy equipment is not considered to utilize a physiologic closed-loop-control system unless it uses a physiological patient variable to adjust the therapy settings. This document excludes sleep apnoea breathing therapy equipment intended for use with neonates. This document is applicable to ME equipment or an ME system intended for those patients who are not dependent on mechanical ventilation. This document is not applicable to ME equipment or an ME system intended for those patients who are dependent on mechanical ventilation such as patients with central sleep apnoea. This document is also applicable to those accessories intended by their manufacturer to be connected to sleep apnoea breathing therapy equipment, where the characteristics of those accessories can affect the basic safety or essential performance of the sleep apnoea breathing therapy equipment. Masks and application accessories intended for use during sleep apnoea breathing therapy are additionally addressed by ISO 17510. Refer to Figure AA.1 for items covered further under this document. If a clause or subclause is specifically intended to be applicable to ME equipment only, or to ME systems only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME equipment and to ME systems, as relevant. Hazards inherent in the intended physiological function of ME equipment or ME systems within the scope of this document are not covered by specific requirements in this document except in 7.2.13 and 8.4.1 of the general standard. NOTE See also 4.2 of the general standard. This document is not applicable to high-frequency jet ventilators (HFJVs) or high-frequency oscillatory ventilators (HFOVs), which are given in ISO 80601-2-87[13]. This document does not specify the requirements for ventilators or accessories intended for critical care ventilators for ventilator-dependent patients, which are given in ISO 80601-2-12. This document does not specify the requirements for ventilators or accessories intended for anaesthetic applications, which are given in ISO 80601-2-13[8]. This document does not specify the requirements for ventilators or accessories intended for home care ventilators for ventilator-dependent patients, which are given in ISO 80601-2-72[9]. This document does not specify the requirements for ventilators or accessories intended for emergency and transport, which are given in ISO 80601-2-84[12]. This document does not specify the requirements for ventilators or accessories intended for home-care ventilatory support, which are given in ISO 80601-2-79[10] and ISO 80601-2-80[11].

Keel: en

Alusdokumendid: ISO/DIS 80601-2-70; prEN ISO 80601-2-70
Asendab dokumenti: EVS-EN ISO 80601-2-70:2020

Arvamusküsitluse lõppkuupäev: 28.02.2025

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 1420

Influence of organic materials on water intended for human consumption - Determination of odour, flavour, colour and turbidity of water in piping and storage systems

This document specifies a procedure for obtaining a migration water to determine odour, flavour, colour and turbidity for products made from organic materials intended to come in contact with water for human consumption (drinking water) and used in piping and storage systems. Such products include pipes, tanks, reservoirs, fittings, ancillaries and their coatings both for site applied and factory-made products. This document is applicable to products to be used under various conditions for the transport, storage and distribution of water intended for human consumption and raw water used for the manufacture of water intended for human consumption. This document specifies a test method comprising a set of procedures. The use might be dependent on the relevant national regulations and/or the system or product standards.

Keel: en
Alusdokumendid: prEN 1420
Asendab dokumenti: EVS-EN 1420:2016

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN 15254-5

Extended application of results from fire resistance tests - Non-loadbearing walls - Part 5: Metal sandwich panel construction

This document defines rules for extended applications, provides guidance, and, where appropriate, defines procedures, for variations of certain parameters and factors associated with the design of internal and external non-loadbearing walls constructed of metal sandwich panels and that have been tested in accordance with EN 1364-1, which could generate a classification in accordance with EN 13501-2. EN 15254-5 applies for double skin metal faced sandwich panels having an insulating core bonded to both facings as defined in EN 14509 not stabilizing a whole building or parts of it.

Keel: en
Alusdokumendid: prEN 15254-5
Asendab dokumenti: EVS-EN 15254-5:2018

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN 15254-7

Extended application of results from fire resistance tests - Non-loadbearing ceilings - Part 7: Metal sandwich panel construction

This document defines rules for extended applications, provides guidance, and, where appropriate, specifies procedures, for variations of certain parameters and factors associated with the design of internal non-loadbearing ceilings constructed of metal faced sandwich panels that have been tested in accordance with EN 1364-2, which could generate a classification in accordance with EN 13501-2. This document applies to,double skin metal faced sandwich panels, which have an insulating core bonded to both facings as defined in EN 14509 not stabilizing a whole building or parts of it.

Keel: en
Alusdokumendid: prEN 15254-7
Asendab dokumenti: EVS-EN 15254-7:2018

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN 54-26

Fire detection and fire alarm systems - Part 26: Carbon monoxide detectors - Point detectors

This document specifies product characteristics, test methods and performance criteria for point detectors using carbon monoxide sensing (CO fire detectors) for use in fire detection and fire alarm systems for buildings and civil engineering works.

Keel: en
Alusdokumendid: prEN 54-26
Asendab dokumenti: EVS-EN 54-26:2015

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN IEC 62046:2024

Safety of machinery - Application of protective equipment to detect the presence of persons

This International Standard specifies requirements for the selection, positioning, configuration and commissioning of sensitive protective equipment to detect the momentary or continued presence of persons in order to protect those persons from dangerous part(s) of machinery in industrial applications. This standard covers the application of electro-sensitive protective equipment (ESPE) specified in IEC 61496 (all parts) and pressure-sensitive mats and floors specified in ISO 13856-1. It takes into account the characteristics of the machinery, the sensitive protective equipment, the environment and human interaction by persons of 14 years and older. This document includes informative annexes to provide guidance on the application of sensitive protective

equipment to detect the presence of persons. These annexes contain examples to illustrate the principles of this standard. These examples are not intended to be the only solutions to a given application and are not intended to restrict innovation or advancement of technology. The examples are provided only as representative solutions to illustrate some of the concepts of integration of sensitive protective equipment, and have been simplified for clarity, so they may be incomplete. It is intended that this document is used in conjunction with ISO 13855.

Keel: en
Alusdokumendid: 44/1052/CDV; prEN IEC 62046:2024
Asendab dokumenti: EVS-EN IEC 62046:2018

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 12100

Safety of machinery - General principles for design - Risk assessment and risk reduction (ISO/DIS 12100:2024)

ISO 12100:2010 specifies basic terminology, principles and a methodology for achieving safety in the design of machinery. It specifies principles of risk assessment and risk reduction to help designers in achieving this objective. These principles are based on knowledge and experience of the design, use, incidents, accidents and risks associated with machinery. Procedures are described for identifying hazards and estimating and evaluating risks during relevant phases of the machine life cycle, and for the elimination of hazards or sufficient risk reduction. Guidance is given on the documentation and verification of the risk assessment and risk reduction process. ISO 12100:2010 is also intended to be used as a basis for the preparation of type-B or type-C safety standards. It does not deal with risk and/or damage to domestic animals, property or the environment.

Keel: en
Alusdokumendid: ISO/DIS 12100; prEN ISO 12100
Asendab dokumenti: EVS-EN ISO 12100:2010
Asendab dokumenti: EVS-EN ISO 12100:2010/AC:2024

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 5349-3

Mechanical vibration - Measurement and evaluation of human exposure to hand-transmitted vibration - Part 3: Isolated and repeated shocks using the frequency range of ISO 5349-1 (ISO/DIS 5349-3:2024)

This document gives information and guidance on the evaluation and assessment of hand-transmitted shock. For the purposes of this document, isolated shock is any impactive or impulsive vibration that the machine or tool user experiences as a sequence of individual events (single shocks) linked by periods of no, or low vibration. This document provides guidance on the identification, measurement, evaluation and possible health effects of hand-transmitted shock vibrations containing vibration energy up to the frequency range covered by ISO 5349-1 (approximately 6,3 Hz to 1 250 Hz). Note: It is recognised that shock vibration often includes substantial levels of high-frequency vibration energy. The measured peak values of HTS are likely to be higher if the upper frequency limit is increased. High-frequency shocks, composed of vibrations at frequencies greater than 1 250 Hz, are dealt with in Draft ISO/DTS 5349-4.

Keel: en
Alusdokumendid: ISO/DIS 5349-3; prEN ISO 5349-3

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 9185

Protective clothing - Assessment of resistance of materials to molten metal splash (ISO/DIS 9185:2024)

ISO 9185:2007 specifies a method for assessing the heat penetration resistance of materials intended for use in clothing to protect against large splashes of molten metal. It provides specific procedures for assessing the effects of splashes of molten aluminium, molten cryolite, molten copper, molten iron and molten mild steel. The principle of the test method is applicable to a wider range of hot molten materials than those for which specific procedures are set out, provided that appropriate measures are applied to protect the test operator.

Keel: en
Alusdokumendid: ISO/DIS 9185; prEN ISO 9185
Asendab dokumenti: EVS-EN ISO 9185:2008

Arvamusküsitluse lõppkuupäev: 28.02.2025

19 KATSETAMINE

prEN ISO 32543-2

Non-destructive testing - Characteristics of focal spots in industrial X-ray systems - Part 2: Edge method with hole type gauges (ISO/DIS 32543-2:2024)

This European standard specifies a method for the measurement of effective focal spot dimensions above 0,1 µm of X-ray systems by means of the edge method applied to digital images taken from hole type or disk type gauges. The imaging quality and the resolution of X-ray images depend highly on the characteristics of the effective focal spot, in particular the size and the two-dimensional intensity distribution as seen from the detector plane. This document provides instructions for determining the effective size (dimensions) of standard, mini and micro focal spots of industrial X-ray tubes for users in applications where the pin

hole method of EN12543-2 is not practicable. This determination is based on the measurement of a profile of an image of a hole or disk type gauge. The method as described in this document can be used for long term monitoring of focal spot sizes without a pin hole camera. The accuracy of this method is lower than the one of ISO 32543-1 (EN 12543-2), ISO/NP 32543-3 (EN 12543-5) and ISO/NP 32543-4 (future EN 12543-6), using ASTM hole plate IQIs (ASTM E 1025, E 1742), due to its manufacturer tolerance of □10%.

Keel: en
Alusdokumendid: ISO/DIS 32543-2; prEN ISO 32543-2
Asendab dokumenti: EVS-EN 12543-4:2000

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 32543-3

Non-destructive testing - Characteristics of focal spots in industrial X-ray systems - Part 3: Measurement of the effective focal spot size of mini and micro focus X-ray tubes (ISO/DIS 32543-3:2024)

This document specifies a method for the measurement of focal spot dimensions within the range of 5 µm to 300 µm of X-ray systems up to and including 225 kV tube voltage. This determination is based on the evaluation of an image with a dedicated focal spot that has been radiographically recorded using an edge and evaluated with a digital method. The imaging quality and the resolution of X-ray images depend highly on the characteristics of the effective focal spot, in particular the size and the two-dimensional intensity distribution as seen from the detector plane. For the characterisation of commercial X-ray tube types (i.e. for advertising or trade) the specific maximum values of annex A should be preferred.

Keel: en
Alusdokumendid: prEN ISO 32543-3; ISO/DIS 32543-3:2024
Asendab dokumenti: EVS-EN 12543-5:2000

Arvamusküsitluse lõppkuupäev: 28.02.2025

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN 13385

Transportable gas cylinders - Battery vehicles and multiple-element gas containers (MEGCs) for compressed and liquefied gases (excluding acetylene) - Inspection at time of filling

This document specifies the minimum requirements for inspection at time of filling of battery-vehicles and multiple-element gas containers (MEGCs) for compressed and liquefied gases. The elements of battery vehicles and MEGCs covered by this document are: - seamless steel or seamless aluminium alloy cylinders or tubes, and - composite cylinders or tubes (hoop-wrapped or fully-wrapped) with a water capacity up to 3000 l. This document is not applicable to MEGCs using tanks as elements. This document is not applicable to the automotive components of a battery trailer. Unless noted by exception the use of the word "cylinders" in this document refers to both cylinders and tubes. NOTE Acetylene battery-vehicles are covered by EN 13720.

Keel: en
Alusdokumendid: prEN 13385
Asendab dokumenti: EVS-EN 13385:2002

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN 13445-14

Unfired pressure vessels - Part 14: Additional requirements for pressure equipment and pressure components fabricated with additive manufacturing methods

This document specifies general requirements for the application of additive manufacturing processes for pressure vessels and parts. Separate Annexes of this document provide detailed requirements for specific additive manufacturing processes and materials. This document is currently limited to metallic material applications. If a pressure part manufactured to this document is integrated into a pressure vessel, all parts of EN 13445 apply for this integration.

Keel: en
Alusdokumendid: prEN 13445-14

Arvamusküsitluse lõppkuupäev: 28.02.2025

25 TOOTMISTEHNOLOOGIA

EN IEC 60974-10:2021/prA1:2024

Amendment 1 - Arc welding equipment - Part 10: Electromagnetic compatibility (EMC) requirements

Amendment to EN IEC 60974-10:2021

Keel: en
Alusdokumendid: 26/766/CDV; EN IEC 60974-10:2021/prA1:2024
Muudab dokumenti: EVS-EN IEC 60974-10:2021

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN IEC 62541-2:2024

OPC unified architecture - Part 2: Security model

This document describes the OPC Unified Architecture (OPC UA) security model. It describes the security threats of the physical, hardware, and software environments in which OPC UA is expected to run. It describes how OPC UA relies upon other standards for security. It provides definition of common security terms that are used in this and other parts of the IEC 62541 series. It gives an overview of the security features that are specified in other parts of the series. It references services, mappings, and Profiles that are specified normatively in other parts of the 62541 series. It provides suggestions or best practice guidelines on implementing security. Any seeming ambiguity between this document and one of the other normative parts does not remove or reduce the requirement specified in the other normative part. Note that there are many different aspects of security that have to be addressed when developing applications. However, since OPC UA specifies a communication protocol, the focus is on securing the data exchanged between applications. This does not mean that an application developer can ignore the other aspects of security like protecting persistent data against tampering. It is important that the developers look into all aspects of security and decide how they can be addressed in the application. This document is directed to readers who will develop OPC UA applications. It is also for end Users that wish to understand the various security features and functionality provided by OPC UA. It also offers some recommendations that can be applied when deploying systems. These recommendations are generic in nature since the details would depend on the actual implementation of the OPC UA applications and the choices made for the site security.

Keel: en
Alusdokumendid: prEN IEC 62541-2:2024; 65E/1142/CDV

Arvamusküsitluse lõppkuupäev: 29.01.2025

prEN ISO 15608

Welding - Grouping system for metallic materials (ISO/DIS 15608:2024)

This document specifies a uniform system for grouping materials for welding purposes. It can also be applied for other purposes, such as heat treatment, forming and non-destructive testing.

Keel: en
Alusdokumendid: ISO/DIS 15608; prEN ISO 15608
Asendab dokumenti: CEN ISO/TR 15608:2017

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 3210

Anodizing of aluminium and its alloys - Assessment of quality of sealed anodic oxidation coatings by measurement of the loss of mass after immersion in acid solution(s) (ISO/DIS 3210:2024)

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

Keel: en
Alusdokumendid: ISO/DIS 3210; prEN ISO 3210
Asendab dokumenti: EVS-EN ISO 3210:2017

Arvamusküsitluse lõppkuupäev: 28.02.2025

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN ISO 8528-13

Reciprocating internal combustion engine driven alternating current generating sets - Part 13: Safety (ISO/DIS 8528-13:2024)

ISO 8528-13:2016 specifies the safety requirements for reciprocating internal combustion (RIC) engine driven generating sets up to 1 000 V consisting of an RIC engine, an alternating current (AC) generator including the additional equipment required for operating, e.g. controlgear, switchgear, auxiliary equipment. It is applicable to generating sets for land and marine use (domestic, recreational and industrial application). It is not applicable to generating sets used on board of seagoing vessels and mobile offshore units as well as on aircraft or to propel road vehicles and locomotives. NOTE This part of ISO 8528 does not apply to arc welding equipment (IEC 60974 series). The special requirements needed to cover operation in potentially explosive atmospheres are not covered in this part of ISO 8528. The hazards relevant to RIC engine driven generating sets are identified in Annex A. ISO 8528-13:2016 deals with the special requirements of test and safety design which should be observed in addition to the definitions and requirements in ISO 8528-1, ISO 8528-2, ISO 8528-3, ISO 8528-4, ISO 8528-5 and ISO 8528-6, where applicable. It specifies safety requirements in order to protect the user from danger.

Keel: en

Alusdokumendid: ISO/DIS 8528-13; prEN ISO 8528-13
Asendab dokumenti: EVS-EN ISO 8528-13:2016

Arvamusküsitluse lõppkuupäev: 28.02.2025

29 ELEKTROTEHNIKA

prEN IEC 63407:2024

Conductive charging of electric vehicles - Contact interface for automated connection device (ACD)

This document is applicable to automatic couplers of standardized configuration, intended for use in electric vehicle conductive charging systems which incorporate control means, with rated operating voltage up to 1 500 V DC. This document applies to high power DC interfaces intended for use in isolated conductive charging systems, for circuits specified in IEC 61851-23-1. The requirements of this standard applies only to automatic couplers defined in the annexes A, B, C and D of this document. The ACDs covered by this document are used only in charging mode 4, according to IEC 61851-23-1, 3.1.201 Case D or 3.1.202 Case E. This document describes the requirements for an automatic couplers in regard of safety, function and testing. This document describes basic parameters that can be standardized for different automatic couplers s. Automatic couplers s following these standardized parameters will have the benefit of being compatible, even if they are based on different technologies. This document does not apply to solutions based on a vehicle connector described in IEC 62196-3 and IEC TS63379 driven by an automatic mechanism, as, for instance, a robotic arm. This document does not apply to systems described in IEC 61851-26. This document does not cover all safety aspects related to maintenance.

Keel: en
Alusdokumendid: 23H/561/CDV; prEN IEC 63407:2024

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 8528-13

Reciprocating internal combustion engine driven alternating current generating sets - Part 13: Safety (ISO/DIS 8528-13:2024)

ISO 8528-13:2016 specifies the safety requirements for reciprocating internal combustion (RIC) engine driven generating sets up to 1 000 V consisting of an RIC engine, an alternating current (AC) generator including the additional equipment required for operating, e.g. controlgear, switchgear, auxiliary equipment. It is applicable to generating sets for land and marine use (domestic, recreational and industrial application). It is not applicable to generating sets used on board of seagoing vessels and mobile offshore units as well as on aircraft or to propel road vehicles and locomotives. NOTE This part of ISO 8528 does not apply to arc welding equipment (IEC 60974 series). The special requirements needed to cover operation in potentially explosive atmospheres are not covered in this part of ISO 8528. The hazards relevant to RIC engine driven generating sets are identified in Annex A. ISO 8528-13:2016 deals with the special requirements of test and safety design which should be observed in addition to the definitions and requirements in ISO 8528-1, ISO 8528-2, ISO 8528-3, ISO 8528-4, ISO 8528-5 and ISO 8528-6, where applicable. It specifies safety requirements in order to protect the user from danger.

Keel: en
Alusdokumendid: ISO/DIS 8528-13; prEN ISO 8528-13
Asendab dokumenti: EVS-EN ISO 8528-13:2016

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEVS-EN 50341-2-24

Overhead electrical lines exceeding AC 1 kV - Part 2-24: National Normative Aspects (NNA) for Romania (based on EN 50341-1:2012)

General 1.1 RO.1 General (ncpt) This standard EN 50341-2-24 (Part 2-24) gives the requirements for design and construction of overhead electrical lines with nominal voltages exceeding A.C. 1 kV operating at 50 Hz frequency. This Part 2-24 applies to new overhead electrical lines, as well as in the following cases: - the extension of existing overhead electrical lines; - the deviation of some portions of the existing overhead electrical lines in accordance with the provisions of technical regulations in force issued by the National Energy Regulatory Authority (see article 39 of ANRE Order 25/2016); - new supports to be used for the replacement and/or relocation of existing supports. This Part 2-24 is not applicable for the existing overhead electrical lines unless specifically required by Project Specification. The overhead electrical lines, that are in different stages of design or construction, can be completed in conformity with the standards in force at the beginning of project. For the application of this standard for specific requirements relating to modernization, increasing safety and transport capacity of existing overhead electrical lines, reference shall be specified in the Project Specification. At the same time, the correlation between relevant regulations and associated standards shall be established in the Project Specifications. The extension of existing electrical lines is considered as new overhead electrical lines, except the junction points that shall be detailed in the Project Specifications. 1.2 Field of application 1.2 RO.1 Overhead electrical lines having uninsulated, pre-insulated and insulated conductors (ncpt) This Part 2-24 is applicable for the design and construction of overhead electrical lines with uninsulated, pre-insulated and insulated conductors where the internal and external clearances can be smaller than those specified in Part 1 (SR EN 50341-1:2013).

Keel: en
Alusdokumendid: EN 50341-2-24:2024
Asendab dokumenti: EVS-EN 50341-2-24:2019

Arvamusküsitluse lõppkuupäev: 28.02.2025

prHD 60364-7-171:2024

Low-voltage electrical installations - Part 7-717: Requirements for special installations or locations - Mobile or transportable units

The particular requirements as specified in this part of IEC 60364 applies to electrical installations of mobile units or transportable units, hereby referred to as units. The requirements of this part are not applicable to: – generating sets, – pleasure crafts; – caravans and motor caravans; – electrical circuits and equipment for automotive purposes.

Keel: en
Alusdokumendid: 64/2733/CDV; prHD 60364-7-171:2024
Asendab dokumenti: EVS-HD 60364-7-717:2010
Asendab dokumenti: EVS-HD 60364-7-717:2010/AC:2014

Arvamusküsitluse lõppkuupäev: 28.02.2025

31 ELEKTROONIKA

prEN IEC 60749-22-1:2024

Semiconductor devices - Mechanical and climatic test methods - Part 22-1: Bond strength - Wire bond pull test methods

This test method provides a means for determining the strength and failure mode of a wire bonded to, and the corresponding interconnects on, a die or package bonding surface and may be performed on unencapsulated or decapsulated devices. This test method may be performed on gold alloy, copper alloy, and silver alloy thermosonic (ball and stitch) bonds made of wire ranging in diameter from 15 µm to 76 µm (0,000 6” to 0,003”); and on gold alloy, copper alloy, and aluminium alloy ultrasonic (wedge) bonds made of wire ranging in diameter from 18 µm to 600 µm (0,000 7” to 0,024”) This wire bond pull test method is destructive. It is appropriate for use in process development, process control, and/or quality assurance. This test method allows for two distinct methods of pulling wires: 1) One method incorporates the use of a hook that is placed under the wire and is then pulled. 2) One method requires that after the wire be cut, a clamp is placed on the wire connected to the bond to be tested, and this clamp is used to pull the wire. This test method defines three pull tests. The Wire Pull Test (WPT) is appropriate for all bonded wires. The Ball Pull Test (BPT) and Stitch Pull Test (SPT) are appropriate for thermosonically bonded wires. This test method can also be used on the following four applications of thermosonic and ultrasonic bonds, though each requires special considerations when performing the test method: a) Pulling aluminium wires and aluminium ribbons that are bonded with multiple ultrasonic bonds. See 5.3.2.2.2 for special considerations. Multiloop wires and ribbons are used in some high-power device packages. b) Pulling wires of reverse bonds which are also known as “stitch on ball”. These types of bonds can include gold stitch on gold ball, copper stitch on copper ball, and copper stitch on gold ball. See Clause A.1 in Annex A for additional information. c) Pulling a thermosonically bonded wire that has a security bond (see 3.9) or security loop (see 3.19) placed on top of the stitch bond (see 3.3) in order to provide additional strength. See Clause A.2 for additional information. d) Pulling thermosonic wire bonds on stacked die when wires and/or bonds are not accessible to allow for proper pull testing. See 5.3.2.2.4 for special considerations This test method does not include bond strengtbond shear testing is described in IEC 60749-22-2, Bond strength testing – Wire bond shear test methods.

Keel: en
Alusdokumendid: 47/2888/CDV; prEN IEC 60749-22-1:2024

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN IEC 60749-22-2:2024

Semiconductor devices - Mechanical and climatic test methods - Part 22-2: Bond strength - Wire bond shear test methods

This test method establishes a means for determining the strength of a ball bond to a die or package bonding surface and may be performed on pre-encapsulation or post-encapsulation devices. This measure of bond strength is extremely important in determining two features: the integrity of the metallurgical bond which has been formed, and the quality of ball bonds to die or package bonding surfaces. This test method covers thermosonic (ball) bonds made with small diameter wire from 15 µm to 76 µm (0,000 6“to 0,003”).This test method can only be used when the bonds are large enough to allow for proper contact with the shear test chisel and when there are no adjacent interfering structures that would hinder the movement of the chisel. For consistent shear results the ball height must be at least 4,0 µm (0,000 6 “) for ball bonds, which is the current state of the art for bond shear test equipment at the time of this revision. This test method can also be used on ball bonds that have had their wire removed and on to which a 2nd bond wire (typically a stitch bond) is placed. This may be known as “stitch on ball” and “reverse bonding”. See Annex A for additional information. The wire bond shear test is destructive. It is appropriate for use in process development, process control, and/or quality assurance. This test method may be used on ultrasonic (wedge) bonds, however its use has not been shown to be a consistent indicator of bond integrity. See Annex B for information on performing shear testing on wedge bonds. This test method does not include bond strength testing using wire bond pull testing. Wire bond pull testing is described in IEC 60749-22-1, Bond strength testing – Wire bond pull test methods.

Keel: en
Alusdokumendid: 47/2889/CDV; prEN IEC 60749-22-2:2024

Arvamusküsitluse lõppkuupäev: 28.02.2025

33 SIDETEHNIKA

prEN 319 411-1 V1.5.0

Electronic Signatures and Trust Infrastructures (ESI); Policy and security requirements for Trust Service Providers issuing certificates; Part 1: General requirements

The present document specifies generally applicable policy and security requirements for Trust Service Providers (TSPs) issuing public key certificates, including trusted web site certificates. The policy and security requirements are defined in terms of requirements for the issuance, maintenance and life-cycle management of certificates. These policy and security requirements support several reference certificate policies, defined in clauses 4 and 5. A framework for the definition of policy requirements for TSPs issuing certificates in a specific context where particular requirements apply is defined in clause 7. The present document covers requirements for CA hierarchies, however this is limited to supporting the policies as specified in the present document. It does not include requirements for root CAs and intermediate CAs for other purposes. The present document is applicable to: • the general requirements of certification in support of cryptographic mechanisms, including digital signatures for electronic signatures and seals; • the general requirements of certification authorities issuing TLS/SSL certificates; • the general requirements of the use of cryptography for authentication and encryption. The present document does not specify how the requirements identified can be assessed by an independent party, including requirements for information to be made available to such independent assessors, or requirements on such assessors. NOTE: See ETSI EN 319 403 for guidance on assessment of TSP's processes and services. The present document references ETSI EN 319 401 for general policy requirements common to all classes of TSP's services. The present document includes provisions consistent with the requirements from the CA/Browser Forum in EVCG and BRG.

Keel: en
Alusdokumendid: Draft ETSI EN 319 411-1 V1.5.0

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN 319 411-2 V2.6.0

Electronic Signatures and Trust Infrastructures (ESI); Policy and security requirements for Trust Service Providers issuing certificates; Part 2: Requirements for trust service providers issuing EU qualified certificates

The present document specifies policy and security requirements for the issuance, maintenance and life-cycle management of EU qualified certificates as defined in Regulation (EU) No 910/2014. These policy and security requirements support reference certificate policies for the issuance, maintenance and life-cycle management of EU qualified certificates issued to natural persons (including natural persons associated with a legal person or a website) and to legal persons (including legal persons associated with a website), respectively. The present document does not specify how the requirements identified can be assessed by an independent party, including requirements for information to be made available to such independent assessors, or requirements on such assessors. NOTE: See ETSI EN 319 403 for guidance on assessment of TSP's processes and services. The present document references ETSI EN 319 411-1 for general requirements on TSP issuing certificates.

Keel: en
Alusdokumendid: Draft ETSI EN 319 411-2 V2.6.0

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN IEC 60794-1-129:2024

Optical fibre cables - Part 1-129: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Straight midspan access to optical elements, method e29

This part of IEC 60794 applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors. The document defines test procedures used in establishing uniform requirements for mechanical performance-straight midspan access to optical elements. Throughout this document, the wording "optical cable" also includes optical fibre units, microduct fibre units, etc. See IEC 60794-1-2 for a reference guide to test methods of all types and for general requirements and definitions.

Keel: en
Alusdokumendid: 86A/2509/CDV; prEN IEC 60794-1-129:2024

Arvamusküsitluse lõppkuupäev: 28.02.2025

35 INFOTEHNOLOOGIA

prEN ISO 29481-2

Building information models - Information delivery manual - Part 2: Interaction framework (ISO/DIS 29481-2:2024)

ISO 29481-2:2012 specifies a methodology and format for describing ?coordination acts' between actors in a building construction project during all life cycle stages. It therefore specifies a methodology that describes an interaction framework, an appropriate way to map responsibilities and interactions that provides a process context for information flow, a format in which the interaction framework should be specified. ISO 29481-2:2012 is intended to facilitate interoperability between software applications used in the construction process, to promote digital collaboration between actors in the building construction process, and to provide a basis for accurate, reliable, repeatable, and high-quality information exchange.

Keel: en
Alusdokumendid: ISO/DIS 29481-2; prEN ISO 29481-2
Asendab dokumenti: EVS-EN ISO 29481-2:2016

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO/IEC 19896-3

Information security, cybersecurity and privacy protection - Requirements for the competence of IT security conformance assessment body personnel - Part 3: Knowledge and skills requirements for ISO/IEC 15408 evaluators and certifiers (ISO/DIS 19896-3:2024)

This document provides the specialized requirements to demonstrate the competence of individuals in performing IT product security evaluations and certifications in accordance with the ISO/IEC 15408 series and ISO/IEC 18045.

Keel: en
Alusdokumendid: ISO/IEC DIS 19896-3; prEN ISO/IEC 19896-3
Asendab dokumenti: EVS-EN ISO/IEC 19896-3:2023

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO/IEC 29151

Information security, cybersecurity and privacy protection - Controls and guidance for personally identifiable information protection (ISO/IEC DIS 29151:2024)

ISO/IEC 29151:2017 establishes control objectives, controls and guidelines for implementing controls, to meet the requirements identified by a risk and impact assessment related to the protection of personally identifiable information (PII). In particular, this Recommendation | International Standard specifies guidelines based on ISO/IEC 27002, taking into consideration the requirements for processing PII that may be applicable within the context of an organization's information security risk environment(s). ISO/IEC 29151:2017 is applicable to all types and sizes of organizations acting as PII controllers (as defined in ISO/IEC 29100), including public and private companies, government entities and not-for-profit organizations that process PII.

Keel: en
Alusdokumendid: ISO/IEC DIS 29151; prEN ISO/IEC 29151
Asendab dokumenti: EVS-EN ISO/IEC 29151:2022

Arvamusküsitluse lõppkuupäev: 28.02.2025

43 MAANTEESÕIDUKITE EHITUS

EN ISO 15118-20:2022/prA1:2024

Road vehicles - Vehicle to grid communication interface - Part 20: 2nd generation network layer and application layer requirements - Amendment 1: AC DER service, MCS service, and improved security concept (ISO 15118-20:2022/DAmd1:2024)

Amendment to EN ISO 15118-20:2022

Keel: en
Alusdokumendid: ISO 15118-20:2022/DAmd 1; EN ISO 15118-20:2022/prA1:2024
Muudab dokumenti: EVS-EN ISO 15118-20:2022

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN IEC 63407:2024

Conductive charging of electric vehicles - Contact interface for automated connection device (ACD)

This document is applicable to automatic couplers of standardized configuration, intended for use in electric vehicle conductive charging systems which incorporate control means, with rated operating voltage up to 1 500 V DC. This document applies to high power DC interfaces intended for use in isolated conductive charging systems, for circuits specified in IEC 61851-23-1. The requirements of this standard applies only to automatic couplers defined in the annexes A, B, C and D of this document. The ACDs covered by this document are used only in charging mode 4, according to IEC 61851-23-1, 3.1.201 Case D or 3.1.202 Case E. This document describes the requirements for an automatic couplers in regard of safety, function and testing. This document describes basic parameters that can be standardized for different automatic couplers s. Automatic couplers s following these standardized parameters will have the benefit of being compatible, even if they are based on different technologies. This document does not apply to solutions based on a vehicle connector described in IEC 62196-3 and IEC TS63379 driven by an automatic mechanism, as, for instance, a robotic arm. This document does not apply to systems described in IEC 61851-26. This document does not cover all safety aspects related to maintenance.

Keel: en
Alusdokumendid: 23H/561/CDV; prEN IEC 63407:2024

Arvamusküsitluse lõppkuupäev: 28.02.2025

45 RAUDTEETEHNIKA

prEN IEC 60310:2024

Railway applications - Traction transformers and inductors on board rolling stock

This document specified the terms and definition, classification, service condition, characteristics and test methods for transformers and inductors on board rolling stock. This document is applicable to traction and auxiliary power transformers

installed on board rolling stock and to the various types of power inductors inserted in the traction and auxiliary circuits of rolling stock, of dry or liquid-immersed design. This document is also applicable to the traction transformers of three-phase AC line-side powered vehicles and to the transformers inserted in the single-phase or poly-phase auxiliary circuits of vehicles, after agreement between purchaser and manufacturer. This document does not apply to instrument transformers, transformers of a rated output below 1 kVA single-phase or 5 kVA poly-phase, and inductors of a rated output below 1 kVAR single-phase or 5 kVAR poly-phase on board rolling stock. This document does not cover accessories such as tap changers, resistors, heat exchangers, fans, etc., intended for mounting on transformers or inductors, which are tested separately according to the relevant rules. NOTE Items requiring agreement between the delivery parties and items of supplementary information and specification particulars to be provided by the ordering party or manufacturer are given in Annex A.

Keel: en
Alusdokumendid: 9/3150/CDV; prEN IEC 60310:2024
Asendab dokumenti: EVS-EN 60310:2016
Asendab dokumenti: EVS-EN 60310:2016/AC:2018

Arvamusküsitluse lõppkuupäev: 28.02.2025

47 LAEVAEHITUS JA MERE-EHITISED

prEN 14144
Lifebuoys - Requirements, tests

This document applies to lifebuoys used on watercraft in sea and inland navigation, on floating bodies, floating equipment, marine equipment and shore equipment in the vicinity of bodies of water. The document specifies the main dimensions, design, safety requirements and testing of lifebuoys.

Keel: en
Alusdokumendid: prEN 14144
Asendab dokumenti: EVS-EN 14144:2003

Arvamusküsitluse lõppkuupäev: 28.02.2025

53 TÕSTE- JA TEISALDUS-SEADMED

prEN 18121
Design and use of free standing steel rack protection for adjustable pallet racking - Upright protectors and frame barriers - Requirements and test methods

This document defines requirements and test methods for free standing and floor fixed steel upright pro-tector and free standing and floor fixed steel frame barriers for pallet racking. Frame barriers and upright protectors, according to this document, are not connected to the rack. Frame barriers and upright protectors connected to the racking are excluded from this document. This document does not apply to: - devices for traffic- or driveways - guide rails and guide-ins; - safety and buffering backstops; - handrails and stair rails; - protection from falls at height; - pick and deposit (P and D) stations; - protection requirements for dynamic storage; including mobiles; - protection requirements for crane racking; - sacrificial legs.

Keel: en
Alusdokumendid: prEN 18121

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 21180
Light conveyor belts - Determination of the maximum tensile strength (ISO/DIS 21180:2024)

This International Standard specifies a test method for the determination of the maximum tensile strength of light conveyor belts, according to ISO 21183-1, or of other conveyor belts where ISO 283 is not applicable.

Keel: en
Alusdokumendid: ISO/DIS 21180; prEN ISO 21180
Asendab dokumenti: EVS-EN ISO 21180:2013

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 21181
Light conveyor belts - Determination of the relaxed elastic modulus (ISO/DIS 21181:2024)

ISo 21181:2013 specifies a test method for the determination of the relaxed elastic modulus of light conveyor belts according to ISO 21183-1 or other conveyor belts where ISO 9856 is not applicable.

Keel: en
Alusdokumendid: ISO/DIS 21181; prEN ISO 21181
Asendab dokumenti: EVS-EN ISO 21181:2013

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 21182
Light conveyor belts - Determination of the coefficient of friction (ISO/DIS 21182:2024)

ISO 21182:2013 specifies test methods for determining the dynamic and static coefficients of friction for light conveyor belts according to ISO 21183-1.

Keel: en
Alusdokumendid: ISO/DIS 21182; prEN ISO 21182
Asendab dokumenti: EVS-EN ISO 21182:2013

Arvamusküsitluse lõppkuupäev: 28.02.2025

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 2417

Leather - Physical and mechanical tests - Determination of the static absorption of water (ISO/DIS 2417:2024)

ISO 2417:2016 specifies a method for determining the water absorption of leather under static conditions. The method is applicable to all leather, particularly heavy leather.

Keel: en
Alusdokumendid: ISO/DIS 2417; prEN ISO 2417
Asendab dokumenti: EVS-EN ISO 2417:2016

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 25202

Leather - Chemical analysis - Determination of glutaraldehyde content (ISO/DIS 25202:2024)

This international standard specifies a method for the determination of the content of Leather. This method is based on high performance liquid chromatography (HPLC). It is selective and not sensitive to coloured extracts.

Keel: en
Alusdokumendid: ISO/DIS 25202; prEN ISO 25202

Arvamusküsitluse lõppkuupäev: 28.02.2025

71 KEEMILINE TEHNOLOOGIA

prEN 1656

Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in the veterinary area - Test method and requirements (phase 2, step 1)

This document 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. Products can only be tested at a concentration of 80 % or less, as some dilution is always produced by adding the test organisms and interfering substance. The method described is intended to determine the activity of commercial formulations or active substances under the conditions in which they are used. This document applies to products that are used for equipment disinfection by immersion, surface disinfection by wiping, spraying, flooding or other means and teat disinfection in the veterinary area - e.g. in the breeding, husbandry, production, veterinary care facilities, transport and disposal of all animals except when in the food chain following death and entry into processing industry. This document also applies to products used for teat disinfection in these veterinary areas. This method is not applicable to evaluate the activity of hand hygiene products. For these products reference is made to EN 14885, which specifies in detail the relationship of the various tests to one another and to "use recommendations". NOTE This method corresponds to a phase 2 step 1 test.

Keel: en
Alusdokumendid: prEN 1656
Asendab dokumenti: EVS-EN 1656:2019

Arvamusküsitluse lõppkuupäev: 28.02.2025

75 NAFTA JA NAFTATEHNOLOOGIA

EN ISO 19905-1:2023/prA1:2024

Oil and gas industries including lower carbon energy - Site-specific assessment of mobile offshore units - Part 1: Jack-ups: elevated at a site - Amendment 1 (ISO 19905-1:2023/DAmd1:2024)

Amendment to EN ISO 19905-1:2023

Keel: en
Alusdokumendid: ISO 19905-1:2023/DAmd 1; EN ISO 19905-1:2023/prA1:2024
Muudab dokumenti: EVS-EN ISO 19905-1:2023

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 16923

Natural gas fuelling stations - CNG stations for fuelling vehicles (ISO/DIS 16923:2024)

ISO 16923:2016 covers the design, construction, operation, inspection and maintenance of stations for fuelling compressed natural gas (CNG) to vehicles, including equipment, safety and control devices. ISO 16923:2016 also applies to portions of a

fuelling station where natural gas is in a gaseous state and dispensing CNG derived from liquefied natural gas (LCNG) according to ISO 16924. ISO 16923:2016 applies to fuelling stations supplied with natural gas as defined in local applicable gas composition regulations or ISO 13686. It also applies to other gases meeting these requirements including biomethane, upgraded coal-bed methane (CBM) and gas supplies coming from LNG vaporization (on-site or off-site). ISO 16923:2016 includes all equipment for downstream gas supply connection (i.e. point of separation between the CNG fuelling station piping and the pipeline network). Fuelling station nozzles are not defined in this document. ISO 16923:2016 covers fuelling stations with the following characteristics: - slow fill; - fast fill; - private access; - public access (self-service or assisted); - fuelling stations with fixed storage; - fuelling stations with mobile storage (daughter station); - multi-fuel stations. ISO 16923:2016 is not applicable to domestic CNG fuelling devices without buffer storage. NOTE ISO 16923:2016 is based on the condition that the gas entering the fuelling station is odorized. For unodorized gas fuelling stations, additional safety requirements are included in Clause 10.

Keel: en
Alusdokumendid: ISO/DIS 16923; prEN ISO 16923
Asendab dokumenti: EVS-EN ISO 16923:2018

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 16924

Natural gas fuelling stations - LNG stations for fuelling vehicles (ISO/DIS 16924:2024)

ISO 16924:2016 specifies the design, construction, operation, maintenance and inspection of stations for fuelling liquefied natural gas (LNG) to vehicles, including equipment, safety and control devices. ISO 16924:2016 also specifies the design, construction, operation, maintenance and inspection of fuelling stations for using LNG as an onsite source for fuelling CNG to vehicles (LCNG fuelling stations), including safety and control devices of the station and specific LCNG fuelling station equipment. NOTE Specific CNG equipment is dealt with in ISO 16923. ISO 16924:2016 is applicable to fuelling stations receiving LNG and other liquefied methane-rich gases that comply with local applicable gas composition regulation or with the gas quality requirements of ISO 13686. ISO 16924:2016 includes all equipment from the LNG storage tank filling connection up to the fuelling nozzle on the vehicle. The LNG storage tank filling connection itself and the vehicle fuelling nozzle are not covered in this document. ISO 16924:2016 includes fuelling stations having the following characteristics: - private access; - public access (self-service or assisted); - metered dispensing and non metered dispensing; - fuelling stations with fixed LNG storage; - fuelling stations with mobile LNG storage; - movable fuelling stations; - mobile fuelling stations; - multi-fuel stations.

Keel: en
Alusdokumendid: ISO/DIS 16924; prEN ISO 16924
Asendab dokumenti: EVS-EN ISO 16924:2018

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 21809-2

Oil and gas industries including lower carbon energy - External coatings for buried or submerged pipelines used in pipeline transportation systems - Part 2: Single layer fusion-bonded epoxy coatings (ISO/DIS 21809-2:2024)

ISO 21809-2:2014 specifies the requirements for qualification, application, testing and handling of materials for plant application of single layer fusion-bonded epoxy (FBE) coatings applied externally for the corrosion protection of bare steel pipe for use in pipeline transportation systems for the petroleum and natural gas industries as defined in ISO 13623.

Keel: en
Alusdokumendid: ISO/DIS 21809-2; prEN ISO 21809-2
Asendab dokumenti: EVS-EN ISO 21809-2:2014

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEVS 668

Põlevkivi. Niiskuse määramine
Oil shale - Determination of moisture

Selles Eesti standardis kirjeldatakse üldniiskuse määramise kahe- ja üheastmelist meetodit, analüütilise niiskuse määramise meetodit ning ka proovide ettevalmistamise korda. Standard kehtib põlevkivi ja selle termilise töötlemise ja põletamise tahkete jääkide kohta sõltumata päritolumaardla asukohast. Standardi järgi määratakse niiskust nii kaubapõlevkivi proovis kui ka maavara ja tehnoloogilise uuringu otstarbeks võetud kihiproovides, puursüdamikus, rikastamise jäägis ning teistes põlevkivi proovides ja nende termilise töötlemise ja põletamise tahketes jääkides (edaspidi poolkoks ja tuhk), mis on võetud ja ette valmistatud kehtiva standardiga vastavuses.

Keel: et
Asendab dokumenti: EVS 668:2018
Asendab dokumenti: EVS 668:2018/AC:2019

Arvamusküsitluse lõppkuupäev: 28.02.2025

77 METALLURGIA

prEN ISO 3953

Metallic powders - Determination of tap density (ISO/DIS 3953:2024)

This standard specifies a method for the determination of tap density, i.e. the density of a powder that has been tapped into a container under specified conditions.

Keel: en
Alusdokumendid: prEN ISO 3953; ISO/DIS 3953:2024
Asendab dokumenti: EVS-EN ISO 3953:2011

Arvamusküsitluse lõppkuupäev: 28.02.2025

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

prEN 410
Glass in building - Determination of luminous and solar characteristics of glazing

This document specifies methods of determining the luminous and solar characteristics of glazing in buildings. These characteristics can serve as a basis for lighting, heating and cooling calculations of rooms and permit comparison between different types of glazing. This document applies both to conventional glazing and to absorbing or reflecting solar-control glazing, used as vertical or horizontal glazed apertures. The appropriate formulae for single, double and triple glazing are given. A matrix method is provided as an alternative calculation method. This document introduces a method to determine the luminous and solar properties of Building-Integrated Photovoltaic (BIPV) glazing. This document is accordingly applicable to all transparent materials except those which show significant transmission in the wavelength region 5 µm to 50 µm of ambient temperature radiation, such as certain plastic materials. Materials with light-scattering properties for incident radiation are dealt with as conventional transparent materials subject to certain conditions (see 5.2). Angular light and solar properties of glass in building are excluded from this document. However, research work in this area is summarized in Bibliographic references [1], [2] and [3]. Guidance on the measurement of luminous and spectral properties of glass can be found in the Bibliography [4]. Vacuum Insulating Glass (VIG) is excluded from the scope of this document. For determination of the g value of VIG, please refer to ISO 19916-1.

Keel: en
Alusdokumendid: prEN 410
Asendab dokumenti: EVS-EN 410:2011

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 19634
Fine ceramics (advanced ceramics, advanced technical ceramics) - Ceramic composites - Notations and symbols (ISO/DIS 19634:2024)

ISO 19634:2017 defines the symbols to be used to represent physical, mechanical and thermal characteristics, as determined by methods described in relevant ISO publications, for ceramic matrix composites. It is aimed at avoiding confusion in reporting measurements and characteristics of products. Where possible, the definitions are in accordance with the relevant parts of ISO 80000. In addition, the symbols used in undertaking measurements of these characteristics are also defined.

Keel: en
Alusdokumendid: ISO/DIS 19634; prEN ISO 19634
Asendab dokumenti: EVS-EN ISO 19634:2021

Arvamusküsitluse lõppkuupäev: 28.02.2025

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN ISO 11997-2
Paints and varnishes - Determination of resistance to cyclic corrosion conditions - Part 2: Wet (salt fog)/dry/humidity/UV light (ISO/DIS 11997-2:2024)

ISO 11197-2:2013 specifies a test method of determining resistance of coatings to a defined cycle of wet (salt fog)/dry/humidity/UV light conditions using a specified solution.

Keel: en
Alusdokumendid: ISO/DIS 11997-2; prEN ISO 11997-2
Asendab dokumenti: EVS-EN ISO 11997-2:2013

Arvamusküsitluse lõppkuupäev: 28.02.2025

91 EHITUSMATERJALID JA EHITUS

EN ISO 52016-3:2023/prA1
Energy performance of buildings - Energy needs for heating and cooling, internal temperatures and sensible and latent heat loads - Part 3: Calculation procedures regarding adaptive building envelope elements - Amendment 1: Editorial corrections and technical revision of Annex C - Reference control scenarios for adaptive building envelope elements with dynamic solar shading or chromogenic glazing (ISO 52016-3:2023/DAM 1:2024)

Amendment to EN ISO 52016-3:2023

Keel: en
Alusdokumendid: ISO 52016-3:2023/DAmd 1; EN ISO 52016-3:2023/prA1
Muudab dokumenti: EVS-EN ISO 52016-3:2023

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN 15254-5

Extended application of results from fire resistance tests - Non-loadbearing walls - Part 5: Metal sandwich panel construction

This document defines rules for extended applications, provides guidance, and, where appropriate, defines procedures, for variations of certain parameters and factors associated with the design of internal and external non-loadbearing walls constructed of metal sandwich panels and that have been tested in accordance with EN 1364-1, which could generate a classification in accordance with EN 13501-2. EN 15254-5 applies for double skin metal faced sandwich panels having an insulating core bonded to both facings as defined in EN 14509 not stabilizing a whole building or parts of it.

Keel: en
Alusdokumendid: prEN 15254-5
Asendab dokumenti: EVS-EN 15254-5:2018

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 12006-2

Building construction - Organization of information about construction works - Part 2: Framework for classification and breakdown structures (ISO/DIS 12006-2:2024)

This part of ISO 12006 defines a framework for the development of built environment classification systems. The framework is a breakdown structure supporting the spatial, physical, process aspects along with relevant resources and support This framework provides a set of recommended classification table titles for a range of information object groupings according to particular views, e.g., by form or function, supported by definitions. It shows how the object groupings classified in each table are related, e.g., in a building information model. This part of ISO 12006 applies to the complete life cycle of assets, including briefing, design, documentation, construction, operation and maintenance, demolition and possible reuse of assets or components. It applies to both building and civil engineering works, including associated engineering services, landscaping and its natural environment. It is intended for use by organizations which develop and publish such classification systems and tables, which can vary in detail to suit local needs. When this part of ISO 12006 is applied in the development of local classification systems and tables, then harmonization between them will be facilitated. The management of the built environment above the level of complex, entities and project/programmes (for example geographic catchment areas, asset portfolios, functional requirements and organizational activity) are outside the scope of this document. This part of ISO 12006 does not provide the content of the tables, though it does give examples.

Keel: en
Alusdokumendid: ISO/DIS 12006-2; prEN ISO 12006-2
Asendab dokumenti: EVS-EN ISO 12006-2:2020

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 19432-2

Building construction machinery and equipment - Portable, hand-held, internal combustion engine driven abrasive cutting machines - Part 2: Machines for abrasive chains - Safety requirements (ISO/DIS 19432-2:2024)

This International Standard specifies safety requirements, and measures for their verification, for the design and construction of portable, hand-held, internal combustion engine-driven machines for abrasive chains, intended to be used by a single operator in the cutting of construction materials, such as concrete, stone and metal. It is applicable only to those machines designed purposely for use with a water-cooled abrasive chain only, where the top of the abrasive chain rotates away from the operator. ISO 19432-2 is not applicable to: Cut-off machines for centre-mounted rotating abrasive wheels, which are covered by ISO 19432-1. Chain saws for forestry service, which are covered by ISO 11681-1. Chain saws for tree service, which are covered by ISO 11681-2. NOTE: Clarification of product class; machinery in the scope of this standard, is designed to only cut construction materials, such as concrete, stone, metal and the like. The cutting means is by grinding with an abrasive chain through the work-piece, using a continuous water supply as a coolant, lubricant and dust suppression. This kind of machinery is not intended for use with conventional wood cutting saw chain with defined sharpened cutting edges. This International Standard deals with all significant hazards, hazardous situations or hazardous events significant to these machines when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer. (See Annex X for a list of significant hazards.) This International Standard specifies methods for the elimination or reduction of hazards arising from their use, as well as the type of information on safe working practices to be provided with the machines.

Keel: en
Alusdokumendid: ISO/DIS 19432-2; prEN ISO 19432-2

Arvamusküsitluse lõppkuupäev: 28.02.2025

prHD 60364-7-171:2024

Low-voltage electrical installations - Part 7-717: Requirements for special installations or locations - Mobile or transportable units

The particular requirements as specified in this part of IEC 60364 applies to electrical installations of mobile units or transportable units, hereby referred to as units. The requirements of this part are not applicable to: – generating sets, – pleasure crafts; – caravans and motor caravans; – electrical circuits and equipment for automotive purposes.

Keel: en
Alusdokumendid: 64/2733/CDV; prHD 60364-7-171:2024
Asendab dokumenti: EVS-HD 60364-7-717:2010
Asendab dokumenti: EVS-HD 60364-7-717:2010/AC:2014

Arvamusküsitluse lõppkuupäev: 28.02.2025

97 OLME. MEELELAHUTUS. SPORT

prEN ISO 11378-2

Textile floor coverings - Laboratory soiling tests - Part 2: Drum test (ISO/DIS 11378-2:2024)

This part of ISO 11378 describes the equipment and the test method for assessing the propensity of textile floor coverings to soiling in the absence of abrasive wear and texture changes using a standard artificial soil composition. This test method is applicable for use in testing unused textile floor coverings of all types. The scope of this test method can be extended to assess the effects of fibre finishes, cleaning chemicals and cleaning equipment (see annex A).

Keel: en
Alusdokumendid: ISO/DIS 11378-2; prEN ISO 11378-2
Asendab dokumenti: EVS-EN ISO 11378-2:2002
Asendab dokumenti: EVS-EN ISO 11378-2:2002/A1:2017

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 22043

Ice-cream freezers - Classification, requirements and test conditions (ISO/DIS 22043:2024)

This document specifies the classification for horizontal closed ice-cream freezer with access of the product from the top via transparent or solid lid(s) and specifies their requirements and test methods. The ice-cream freezers defined in this document are different from supermarket segment freezers, as they work with static air cooling, with a skin evaporator (no evaporator fan) and are used specifically for the storage and display of pre-packed ice-cream. This document is only applicable to integral type refrigeration systems. It is not applicable to remote and secondary system type cabinets. Ice-cream freezers defined in this document are intended to have a net volume ≤600 l. For transparent lid ice-cream freezers only, they are intended to have a net volume/TDA ≥ 0,35 m.

Keel: en
Alusdokumendid: ISO/DIS 22043; prEN ISO 22043
Asendab dokumenti: EVS-EN ISO 22043:2020

Arvamusküsitluse lõppkuupäev: 28.02.2025

prEN ISO 23999

Resilient floor coverings - Determination of dimensional stability and curling (vertical deformation) after exposure to heat (ISO/DIS 23999:2024)

This document specifies methods for determining dimensional stability and curling (vertical deformation) of resilient floor coverings in all forms (e.g. of sheets, tiles, panels, planks or in roll form) after exposure to heat and/or after reconditioning.

Keel: en
Alusdokumendid: ISO/DIS 23999; prEN ISO 23999
Asendab dokumenti: EVS-EN ISO 23999:2021

Arvamusküsitluse lõppkuupäev: 28.02.2025

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 ISO 3834-6:2024

Keevituse kvaliteedinõuded metallide sulakeevitusel. Osa 6: ISO 3834 rakendamise juhised

Käesolev dokument annab juhised standardi ISO 3834 seeria teistes osades esitatud nõuete rakendamiseks. Selle eesmärk on aidata kasutajatel valida sobiv osa ISO 3834 seeriast. Eeldatakse, et kasutajad tunnevad eelnevalt juba ISO 3834 seeriat tervikuna. See dokument ei esita täiendavaid nõudeid standardite ISO 3834-1 kuni ISO 3834-5 nõuetele.

Keel: et
Alusdokumendid: ISO 3834-6:2024; EN ISO 3834-6:2024

Kommenteerimise lõppkuupäev: 29.01.2025

ALGUPÄRASTE STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE KOOSTAMINE

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

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

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

prEVS 920-8

Katuseehitusreeglid. Osa 8: Tuulduvad fassaadid
Rules for roof building - Part 8: Ventilated Facades

Standard määratleb ehitamise nõuded tuulduvatele fassaadidele. Standard on kasutamiseks tootjatele, paigaldajatele, lõpptarbijatele. Standard määrab nõuded toodetele ja paigalduslahendustele toodete kasutamiseks normaalsetes ekspluatatsioonitingimustes. Standard ei käsitle SILS fassaadide lahendusi.

Koostamisettepaneku esitaja: Marko Ponder

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.

ÜLEVAATUSKÜSITLUS

EVS 895:2008

Rahvusvaheline telekommunikatsiooni (kõneaja) maksekaart. ITU-T soovituse E.118 rakendamine Eestis
The international telecommunication charge card. Application of ITU-T recommendation E.118 in Estonia

Kõneaja laadimiskaarte väljastavad opereerivad ettevõtted (OA), et kliendid saaksid kasutada oma kaarti erinevateks rahvusvahelisteks teenusteks sobivate tasudega igaks toiminguks ja et arved esitataks klientidele riigis, kus OA on (kõneaja)laadimiskaardi väljastanud. OA poolt väljastatud kaardid, kooskõlas käesoleva standardiga, on vastavuses asjakohaste ISO standarditega

Ülevaatusküsitluse lõppkuupäev: 29.01.2025

EVS 897:2008

Rahvusvaheliste signalisatsioonipunkti koodide määramisprotseduurid. ITU-T soovituse Q.708 rakendamine Eestis
Assignment procedures for international signalling point codes - Application of ITU-T recommendation Q.708 in Estonia

Standard kirjeldab ISPC formaadi rahvusvahelise signaliseerimissüsteemi nr. 7 sidevõrgus, mis on kirjeldatud sidevõrgu indikaatoriga NI=00. Lisaks sisaldab see põhimõtteid ja protseduure nii signaliseerimispiirkonna/-võrgu koodide (SANC) kui ISPC-de määramiseks.

Ülevaatusküsitluse lõppkuupäev: 29.01.2025

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

EVS-ISO 2382-10:1999

Infotehnoloogia. Sõnastik. Osa 10: Käitusmeetodid ja -vahendid
Data processing - Vocabulary - Part 10: Operating techniques and facilities

Sõnastik on mõeldud soodustama rahvusvahelist suhtlust andmetöötluses. Ta esitab andmetöötluse valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlesed kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO 2382-12:1999

Infotehnoloogia. Sõnastik. Osa 12: Välisseadmed
Information processing systems - Vocabulary - Part 12: Peripheral equipment

Käesolev standard on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratletud kavandid nii, et võimalikult välistada ühele keelele omaseid iseärasusi. ISO 2382 (mis edaspidi koosneb umbes 35 osast) käesolev osa määratleb andmekandjaid, mäluseadmeid ning magnetlinte ja printereid.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO 2382-19:1999

Infotehnoloogia. Sõnastik. Osa 19: Analoogarvutid
Information processing systems - Vocabulary - Part 19: Analog computing

Käesolev standard on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. ISO 2382 (mis edaspidi koosneb umbes 35 osast) käesolev osa määratleb mõisteid, mis puudutavad analoog- ja hübriid-aritmeetikaseadmeid, funktsioonigeneraatoreid, muundureid ja selliste komponentide tööviise.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO 2382-2:1999

Infotehnoloogia. Sõnastik. Osa 2: Aritmeetika- ja loogikatehted
Data processing - Vocabulary - Part 2: Arithmetic and logic operations

Sõnastik on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO 2382-21:1999

Infotehnoloogia. Sõnastik. Osa 21: Protsessiliidesed
Data processing - Vocabulary - Part 21: Interfaces between process computer systems and technical processes

Käesolev standard on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. ISO 2382 (mis edaspidi koosneb umbes 35 osast) käesolev osa määratleb peamised praegu kasutusel olevad mõisted tehniliste protsesside ja protsessiarvutisüsteemide vaheliste sidemete alal. Eeskätt käsitleb ta protsessiliideste süsteemi ja protsessijuhtimise aparatuuri ning nende seoseid.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO 2382-22:1999

Infotehnoloogia. Sõnastik. Osa 22: Kalkulaatorid
Information processing systems - Vocabulary - Part 22: Calculators

Käesolev standard on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. ISO 2382 (mis edaspidikoosneb umbes 35 osast) käesolev osa käsitleb kalkulaatoreid. Ta puudutab peamisi talitlusprotsesse ja kasutatavate masinate tüüpe, nende funktsioone ja tehnilisi osi.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO 2382-3:1999

Infotehnoloogia. Sõnastik. Osa 3: Aparatuuritehnika
Information processing systems - Vocabulary - Part 3: Equipment technology

ISO/IEC 2382 see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. See osa käsitleb eeskätt lülitusi ja signaale, tööviise ja töötlust ning ka funktsionaalprojekteerimist ja loogikaseadiseid.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO 2382-4:1999

Infotehnoloogia. Sõnastik. Osa 4: Andmekorraldus
Information processing systems - Vocabulary - Part 4: Organization of data

ISO/IEC 2382 see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. See osa käsitleb eelkõige eeskätt märgistikke, koode, kirjamärke, juhtmärge, stringe, sõnu, andmekogumeid, eraldajaid ja identifikaatoreid.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO 2382-5:1999

Infotehnoloogia. Sõnastik. Osa 5: Andmeesitus
Information processing systems - Vocabulary - Part 5: Representation of data

ISO/IEC 2382 see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. See osa määratleb mõisteid, mis võimaldavad mõningaid esitusvorme.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO 2382-6:1999

Infotehnoloogia. Sõnastik. Osa 6: Andmevalmendus ja andmekäitlus
Information processing systems - Vocabulary - Part 6: Preparation and handling of data

Käesolev standard mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. ISO 2382 (mis edaspidi koosneb umbes 35 osast) käesolev osa käsitleb eeskätt andmete sisestust ja väljastust, teisaldus- ja konversioonimeetodeid ning ka otsingumeetodeid.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-1:1998

Infotehnoloogia. Sõnastik. Osa 1: Põhiterminid
Information technology - Vocabulary - Part 1: Fundamental terms

ISO/IEC 2382 see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. See osa määratleb kõige tähtsamaid mõisteid, millel põhinevad järgmisedspetsialiseeritud jaotised mitmesugustel tehnilistel aladel, ning olulisi termineid, mida mittespetsialistidest kasutajad peaksid kasutam suhtluses infotöötluse spetsialistidega..

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-13:1998

Infotehnoloogia. Sõnastik. Osa 13: Raalgraafika
Information technology - Vocabulary - Part 13: Computer graphics

ISO/IEC see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. ISO/IEC see osa käsitleb kõige tähtsamaid mõisteid, millel põhinevad järgmised spetsialiseeritud jaotised mitmesugustel tehnilistel aladel, ning olulisi termineid, mida mittespetsialistidest kasutajad peaksid kasutama suhtluses infotöötluse spetsialistidega.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-14:1999

Infotehnoloogia. Sõnastik. Osa 14: Töökindlus, hooldatavus ja käideldavus
Inforamation technology - Vocabulary - Part 14: Reliability, maintainability and availability

ISO/IEC 2382 see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. See osa määratleb töökindluse, hooldatavuse ja käideldavusega seotud mõisteid.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-15:2001

Infotehnoloogia. Sõnastik. Osa 15: Programmikeeled
Information technology - Vocabulary - Part 15: Programming languages

ISO/IEC 2382 see osa on mõeldud soodustama rahvuvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimlikult välistada ühele keelele omaseid iseärasusi. See osa määrtleb programmikeeltega seotud mõisteid.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-16:1998

Infotehnoloogia. Sõnastik. Osa 16: Infoteooria
Information technology - Vocabulary - Part 16: Information theory

ISO/IEC see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. ISO/IEC 2382 see osa käsitleb kõige tähtsamaid mõisteid, millel põhinevad järgmised spetsialiseeritud jatised mitmesugustel tehnilistel aladel, ning olulisi termineid, mida mittespetsialistidest kasutajad peaksid kasutama suhtluses infotöötluse spetsialistidega.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-17:1998

Infotehnoloogia. Sõnastik. Osa 17: Andmebaasid
Information technology - Vocabulary - Part 17: Databases

ISO/IEC see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. ISO/IEC 2382 see osa käsitleb kõige tähtsamaid mõisteid, millel põhinevad järgmised spetsialiseeritud jaotised mitmesugustel tehnilistel aladel, ning olulisi termineid, mida mittespetsialistidest kasutajad peaksid peaksid kasutama suhtluses infotöötluse spetsialistidega.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-18:2001

Infotehnoloogia. Sõnastik. Osa 18: Hajustöötlus
Information technology. Vocabulary. Part: 18. Distributed data processing

ISO/IEC 2382 see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. See osa määratleb mõisted, mis on seotud hajusandmetöötlusega, eriti võrkude elementide ja komponentidega, võrgu topoloogiaga, võrgu arhitektuuriga ning võrkude funktsioonide ja rakendustega.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-20:1998

Infotehnoloogia. Sõnastik. Osa 20: Süsteemiarendus
Information technology - Vocabulary - Part 20: System development

ISO/IEC see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. ISO/IEC see osa käsitleb kõige tähtsamaid mõisteid, millel põhinevad järgmised spetsialiseeritud jaotised mitmesugustel tehnilistel aladel, ning olulisi termineid, mida mittespetsialistidest kasutajad peaksid kasutama suhtluses infotöötluse spetsialistidega.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-23:1998

Infotehnoloogia. Sõnastik. Osa 23: Tekstitöötlus
Information technology - Vocabulary - Part 23: Text processing

ISO/IEC see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlusedkavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. ISO/IEC see osa käsitleb kõige tähtsamaid mõisteid, millel põhinevad järgmised spetsialiseeritud jaotised mitmesugustel tehnilistel aladel, ning olulisi termineid, mida mittespetsialistidest kasutajad peaksid kasutama suhtluses infotöötluse spetsialistidega.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-24:1998

Infotehnoloogia. Sõnastik. Osa 24: Integraalne raalvalmistus
Information technology - Vocabulary - Part 24: Computer-integrated manufacturing

ISO/IEC see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. ISO/IEC 2382 see osa käsitleb kõige tähtsamaid mõisteid, millel põhinevad järgmised spetsialiseeritud jaotised mitmesugustel tehnilistel aladel, ning olulisi termineid, mida mittespetsialistidest kasutajad peaksid kasutama suhtluses infotöötluse spetsialistidega.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-25:1998

Infotehnoloogia. Sõnastik. Osa 25: Kohtvõrgud
Information technology - Vocabulary - Part 25: Local area networks

ISO/IEC 2382 see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. ISO/IEC 2382 see osa käsitleb kõige tähtsamaid mõisteid, millel põhinevad järgmised spetsialiseeritud jaotised mitmesugustel tehnilistel aladel, ning olulisi termineid, mida mittespetsialistides kasutajad peaksid kasutama suhtluses infotöötluse spetsialistidega.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-26:1998

Infotehnoloogia. Sõnastik. Osa 26: Avatud süsteemide ühendamine
Information technology - Vocabulary - Part 26: Open systems interconnection

ISO/IEC see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. ISO/IEC 2382 see osa käsitleb kõige tähtsamaid mõisteid, millel põhinevad järgmised spetsialiseeritud jaotised mitmesugustel tehnilistel aladel, ning olulisi termineid, mida mittespetsialistidest kasutajad peaksid kasutama suhtluses infotöötluse spetsialistidega.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-27:1998

Infotehnoloogia. Sõnastik. Osa 27: Bürooautomaatika
Information technology - Vocabulary - Part 27: Office automation

ISO/IEC 2382 see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. ISO/IEC see osa käsitleb kõige tähtsamaid mõisteid, millel põhinevad järgmised spetsialiseeritud jaotised mitmesugustel tehnilistel aladel, ning olulisi termineid, mida mittespetsialistidest kasutajad peaksid kasutama suhtluses infotöötluse spetsialistidega.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-28:1998

Infotehnoloogia. Sõnastik. Osa 28: Intellektitehnika. Põhimõisted ja ekspertsüsteemid
Information technology - Vocabulary - Part 28: Artificial intelligence basic concepts and expert systems

ISO/IEC see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. ISO/IEC 2382 see osa käsitleb kõige tähtsamaid mõisteid, millel põhinevad järgmised spetsialiseeritud jaotised mitmesugustel tehnilistel aladel, ning olulisi termineid, mida mittespetsialistidest kasutajad peaksid kasutama suhtluses infotöötluse spetsialistidega.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-29:2001

Infotehnoloogia. Sõnastik. Osa 29: Intellektitehnika. Kõnetuvastus ja kõnesüntees
Information technology - Vocabulary - Part 29: Artificial intelligence - Speech recognition and synthesis

ISO/IEC 2382 see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. See osa määratleb intellektitehnika mõisteid, mis on seotud kõnetuvastuse ja kõnesünteesiga.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-31:1999

Infotehnoloogia. Sõnastik. Osa 31: Intellektitehnika. Tehisõpe
Information technology - Vocabulary - Part 31: Artificial intelligence. Machine learning

ISO/IEC 2382 see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. See osa määratleb tehisõppega seotud mõisteid.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-32:2002

Infotehnoloogia. Sõnastik. Osa 32: Elektronpost
Information technology - Vocabulary - Part 32: Electronic mail

ISO/IEC 2382 see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. ISO/IEC see osa sisaldab elektronposti puudutavaid üld- ja valiktermineid. Arvestatud on Rahvusvahelise Sideliidu soovitusi. Välja on jäetud firmapärased ja liiga tehnilisteks peetavad terminid.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-34:2001

Infotehnoloogia. Sõnastik. Osa 34: Intellektitehnika. Neurovõrgud
Information technology - Vocabulary - Part 34: Artificial intelligence - Neural networks

ISO/IEC 2382 see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. See osa määratleb intellektitehnika mõisteid, mis on seotud neurovõrkudega, nende komponentidega, seostega ja funktsioonidega.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-7:2002

Infotehnoloogia. Sõnastik. Osa 7: Programmeerimine
Information technology - Vocabulary - Part 7: Computer programming

ISO/IEC 2382 see osa on mõeldud soodustama rahvusvahelist suhtlust programmeerimise alal. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. ISO/IEC see osa sisaldab üldisi ja valitud termineid, mis puudutavad programmeerimist, täpsemalt programmide koostamist, täitmist, silumist ja verifitseerimist. Arvestatud on Rahvusvahelise Sideliidu soovitusi. Välja on jäetud firmapärased ja liiga tehnilisteks peetavad terminid.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-8:1999

Infotehnoloogia. Sõnastik. Osa 8: Turvalisus
Information technology - Vocabulary - Part 8: Security

ISO/IEC 2382 see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. See osa määratleb mõisteid, mis on seotud andmete ja informatsiooni kaitsega, k.a krüptograafia, informatsiooni turvaliigitus ja pääsu reguleerimine, andmete ja informatsiooni taaste ning turvalisuse rikkumine.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 EVS Teatajas

EVS-ISO/IEC 2382-9:1998

Infotehnoloogia. Sõnastik. Osa 9: Andmeside
Information technology - Vocabulary - Part 9: Data communication

ISO/IEC 2382 see osa on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. ISO/IEC 2382 see osa käsitleb kõige tähtsamaid mõisteid, millel põhinevad järgmised spetsialiseeritud jaotised mitmesugustel tehnilistel aladel, ning olulisi termineid, mida mittespetsialistidest kasutajad peaksid kasutama suhtluses infotöötluse spetsialistidega.

Kehtima jätmise alus: EVS/TK 04 28.10.2024 otsus 2-8.2/213 ja teade pikendamisküsitlusest 15.11.2024 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 12209:2024

Akna- ja uksetarvikud. Mehaanilised lukukorpused ja vasturauad. Omadused ja katsemeetodid
Building hardware - Mechanically operated locks and locking plates - Characteristics and test methods

Eeldatav avaldamise aeg Eesti standardina 02.2025

EN 12697-16:2024

Bituminous mixtures - Test methods - Part 16: Abrasion by studded tyres

Eeldatav avaldamise aeg Eesti standardina 02.2025

EN 12697-2:2024

Bituminous mixtures - Test methods - Part 2: Determination of particle size distribution

Eeldatav avaldamise aeg Eesti standardina 02.2025

EN 14385:2024

Stationary source emissions - Determination of the total emission of As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Tl and V

Eeldatav avaldamise aeg Eesti standardina 04.2025

EN 15004-1:2024

Fixed firefighting systems - Gas extinguishing systems - Part 1: Design, installation and maintenance (ISO 14520-1:2023, modified)

Eeldatav avaldamise aeg Eesti standardina 02.2025

EN ISO 13855:2024

Masinaohutus. Ohutuskaitsevahendite asukoha määramine inimese kehaosade lähenemiskiirusest lähtudes
Safety of machinery - Positioning of safeguards with respect to the approach of the human body (ISO 13855:2024)

Eeldatav avaldamise aeg Eesti standardina 02.2025

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.

EVS 875-13:2024

Vara hindamine. Osa 13: Keskkonnakvaliteedi ning keskkonna-, kliima- ja ESG-riskide arvestamine kinnisvara hindamisel
Property valuation - Part 13: Consideration of environmental quality and environmental, climate and ESG-related risks in property valuation

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusalad on vara hindamise ja hinnangute kasutamisega seotud tegevused, eelkõige laenutagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See standard käsitleb hindamise põhimõtteid keskkonnakvaliteedi ning keskkonna-, kliima- ja ESG-riskide kontekstis, kusjuures võrreldes seni kehtinud standardiga on kaasajastatud keskonnakvaliteedi ja -riskidega seonduvat ning lisaks on antud juhiseid kliima- ja ESG-riskide arvestamiseks kinnisvara hindamisel. Tegemist on standardi EVS 875-13:2016 „Keskkonnakvaliteedi, maakasutuse piirangute ja looduskaitse arvestamine kinnisvara hindamisel“ uustöötlusega

EVS-EN 14587-2:2024

Raudteealased rakendused. Infrastruktuur. Rööbaste kontaktkeevitus. Osa 2: Uute R200, R220, R260, R260Mn, R320Cr, R350HT, R350LHT, R370CrHT ja R400HT klassi rööbaste keevitamine mobiilsete keevitusseadmetega väljaspool statsionaarseid keevituskohti
Railway applications - Infrastructure - Flash butt welding of new rails - Part 2: R200, R220, R260, R260Mn, R320Cr, R350HT, R350LHT, R370CrHT and R400HT grade rails by mobile welding machines at sites other than a fixed plant

See dokument määrab kindlaks nõuded mobiilsete seadmete keevitusprotsessi heakskiitmiseks koos nõuetega keevitustootmisele. See kehtib uutele Vignole raudteerööbastele R200, R220, R260, R260Mn, R320Cr, R350HT, R350LHT, R370CrHT ja R400HT 46 kg/m ja rohkem, nagu on sätestatud standardis EN 13674-1:2011+A1:2017, mis on keevitatud kontaktkeevitusprotsessiga mobiilsete seadmetega ja on ette nähtud kasutamiseks raudteeinfrastruktuuris. See dokument kehtib rööbaste liitmiseks rööpaniitideks keevitamise teel.

EVS-EN IEC 61439-3:2024

Madalpingelised aparaadikoosted. Osa 3: Jaotuskilbid, mida tohivad käsitada tavaisikud
Low-voltage switchgear and controlgear assemblies - Part 3: Distribution boards intended to be operated by ordinary persons (DBO) (IEC 61439-3:2024)

Standardisarja IEC 61439 see osa määratleb erinõuded jaotuskilpidele, mida tohivad käsitada tavaisikud (lühendatuna DBO, läbivalt selles standardis, vt alajaotis 3.1.101) vastavalt järgnevale: — need on ette nähtud käsitamiseks (nt lülitustoiminguteks ja sulavpanuste vahetamiseks) näiteks kodumajapidamisrakendustes; — nende väljundahelad sisaldavad kaitseseadiseid, mida tohivad käsitada tavaisikud ja mis vastavad nt standardi IEC 60898-1, standardisarjale IEC 61008, standardisarjale IEC 61009, standardisarjale IEC 62423 ja standardi IEC 60269-3 nõuetele; — nende tunnuspinge maa suhtes ei ole vahelduvvoolu korral üle 300 V (vt tabel G.1, IEC 61439-1:2020); MÄRKUS Pingevahemikud alalisvoolu korral on kaalutlemisel. — nende väljundahelate tunnusvool (Inc) ei ole üle 125 A ja jaotuskilbi, mida tohivad käsitada tavaisikud, tunnusvool (InA) ei ole üle 250 A; — need on ette nähtud elektrienergia jaotamiseks; — need on kohtkindlad ning kinnise ehitusega; — need võivad olla ette nähtud nii sise- kui ka väliskasutuseks. Jaotuskilbid, mida tohivad käsitada tavaisikud, võivad sisaldada ka juhtimis- ja/või signalisatsiooniseadmeid, mis on seotud elektrienergia jaotamisega. Standard ei kehti üksikseadiste ega tervikkomponentide kohta, nagu kaitselülitid, sulavkaitsme ja lüliti kombinatsioonid, elektroonikaseadised jne, mis peavad vastama asjakohastele tootestandarditele. See kirjeldab seadiste või iseseisvate komponentide või nende mõlemate ühendamist jaotuskilbiks, mida tohivad käsitada tavaisikud, või selle tühjaks ümbriseks. Standard kehtib kõigi jaotuskilpide kohta, mida tohivad käsitada tavaisikud, sõltumata sellest, kas need on projekteeritud, valmistatud ja kontrollitud ühekaupa või täielikult standarditud ning valmistatud hulgi. Standard ei kehti standardisarja IEC 61439 muude osadega hõlmatud eriliiki koostete kohta. MÄRKUS Ümbrised elektritarvikutele majapidamis- ja muudes taolistes kohtkindlates elektripaigaldistes on hõlmatud standardiga IEC 60670-24.

EVS-HD 60364-7-701:2024+A11:2024

Madalpingelised elektripaigaldised. Osa 7-701: Nõuded eripaigaldistele ja -paikadele. Vanne või dušše sisaldavad paigad
Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower (IEC 60364-7-701:2019)

Standardisarja IEC 60364 selle osa erinõudeid rakendatakse sise- või välispaikade elektripaigaldistele, milles kindlasse kohta on ette nähtud kestvalt paigutada vann ja/või dušš. Vanni ja/või dušši sisaldava paiga ulatus on piiratud — põranda madalaima viimistletud pinnaga, — põranda viimistletud pinnast 3 m kõrgusel paikneva rõhttasandiga, — vanni või duši kohtkindlat veeväljundit 4 m kauguselt ümbritseva mõttelise püstpinnaga ja — vanni või dušši sisaldavat paika piiravate seinte, põranda ja lae ruumalaga sügavuseni kuni 6 cm. MÄRKUS 1 Eemaldatava dušisõela ja paindvooliku puhul loetakse kohtkindlaks

veeväljundiks paindvooliku toitepoolne ots. Selle dokumendi nõuded kehtivad ka mobiilsete rakenduste kohtkindlatele elektripaigaldistele, näiteks haagiselamutes, teisaldatavates elamutes ja liikuvates dušikabiinides. See dokument ei kehti hädapaigaldiste, nt tööstuspiirkondades või laboratooriumides kasutatavate hädaduššide kohta. MÄRKUS 2 Ruumide kohta, mis sisaldavad meditsiiniotstarbelist vanni või dušši, võib vaja olla erinõudeid. MÄRKUS 3 Eeltöödeldud vanni- ja/või dušiüksuste kohta vt ka standard IEC 60335-2-105.

STANDARDIPEALKIRJADE MUUTMINE

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

Dokumendi tähis	Muudetav pealkiri	Uus pealkiri
EVS-EN 50126-2:2017	Raudteealased rakendused. Töökindluse, kasutatavuse, hooldatavuse ja ohutuse (RAMS) määratlemine ning esitlemine. Osa 2: Süsteemide ohutuslik lähenemisviis	Raudteealased rakendused. Töökindluse, kasutatavuse, hooldatavuse ja ohutuse (RAMS) määratlemine ning esitlemine. Osa 2: Süsteemide lähenemisviis ohutusele