

EVS Teataja

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Uued Eesti standardid

Standardikavandite arvamusküsitlus

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite tõlked kommenteerimisel

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

SISUKORD

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID	3
ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID.....	21
STANDARDIKAVANDITE ARVAMUSKÜSITLUS.....	29
TÖLKED KOMMENTEERIMISEL	46
STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE ÜLEVAATUS	48
ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE	49
TÜHISTAMISKÜSITLUS	50
TEADE EUROOPA STANDARDI OLEMASOLUST.....	51
AVALDATUD EESTIKEELSE STANDARDIPARANDUSED	52
UUED EESTIKEELSE STANDARDID JA STANDARDILAADSED DOKUMENDID	53
STANDARDIPEALKIRJADE MUUTMINE	56

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 61666:2010+A1:2021

Industrial systems, installations and equipment and industrial products - Identification of terminals within a system (IEC 61666:2010 + IEC 61666:2010/A1:2021)

This International Standard establishes general principles for the identification of terminals of objects within a system, applicable to all technical areas (for example mechanical engineering, electrical engineering, construction engineering, process engineering). They can be used for systems based on different technologies or for systems combining several technologies. Requirements for marking of terminal designations on products are not part of this publication. NOTE The standard is based on the general principles for the structuring of systems including structuring of the information about systems, established in the International Standard ISO/IEC 81346 series, published jointly by IEC and ISO.

Keel: en

Alusdokumendid: IEC 61666:2010; EN 61666:2010; EN 61666:2010/A1:2021; IEC 61666:2010/A1:2021

Konsolideerib dokumenti: EVS-EN 61666:2010

Konsolideerib dokumenti: EVS-EN 61666:2010/A1:2021

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

EVS 914:2020/AC:2021

Koristuse kvaliteedi kokku leppimine ja hindamine System for establishing and assessing cleaning quality

Standardi EVS 914:2020 parandus

Keel: et

Parandab dokumenti: EVS 914:2020

EVS-EN 17371-2:2021

Provision of services - Part 2: Services Contracts - Guidance for the design, content and structure of contracts

This document provides guidance on the design, content and structure of service contracts. It is aimed at service buyers and service providers entering a contractual relationship who do not necessarily have legal training. The guidance set out in this document does not constitute legal advice. This document is applicable to: a) service buyers and service providers regardless of type, size or the nature of the services; b) service providers who may be inside or outside the service buyers' organization; and c) any interested parties who are directly or indirectly involved in or affected by a procurement process. This document is not applicable to service contracts where the service buyer is a consumer, nor for works contracts. NOTE 1 "Works contracts" are contracts that have as their object the execution, or both the design and execution, of a work are not covered. Contracts having as their object only the design of a work are covered. NOTE 2 "Work" means the outcome of building or civil engineering works taken as a whole which is sufficient in itself to fulfil an economic or technical function. NOTE 3 "Consumer" means an individual member of the general public purchasing or using services for private purposes.

Keel: en

Alusdokumendid: EN 17371-2:2021

EVS-ISO 21500:2021

Projekti-, programmi- ja portfelli juhtimine. Kontekst ja kontseptsioonid Project, programme and portfolio management - Context and concepts (ISO 21500:2021, identical)

See dokument määratleb organisatsioonilise konteksti ja aluskontseptsioonid projekti-, programmi- ja portfelli juhtimiseks ning annab organisatsioonidele juhised projekti-, programmi- ja portfelli juhtimise juurutamiseks ning parendamiseks, kasutades tehnilise komitee ISO/TC 258 ette valmistatud standardeid. See dokument on rakendatav enamikus, kaasa arvatud avalikes ja eraorganisatsioonides, olenemata nende suurusest ja tüübist, ning kõigis projektides, programmides ja portfellides, olenemata nende keerukusest, suurusest või kestusest. Lisajuhised projekti-, programmi- ja portfelli juhtimiseks ning ka valitsemiseks annavad ISO 21502, ISO 21503, ISO 21504 ja ISO 21505.

Keel: en, et

Alusdokumendid: ISO 21500:2021

Asendab dokumenti: EVS-ISO 21500:2018

EVS-ISO 21502:2021

Projekti-, programmi- ja portfelli juhtimine. Projektijuhtimise alused Project, programme and portfolio management - Guidance on project management (ISO 21502:2020, identical)

See dokument annab juhised projektijuhtimiseks. See on rakendatav kõigis organisatsioonides, sealhulgas avalikes, era- ja heategevuslikes organisatsioonides, ning kõigis projektides, sõltumata otstarbest, toimeviisist, elutsükli mudelist, keerukusest, suurusel, maksumusest või kestusest. MÄRKUS Toimeviis võib olla mis tahes meetod või protsess, mis sobib väljundite tüübiga, näiteks ennustav, inkrementaalne, iteratiivne, kohanduv (adaptiivne) või hübriidne, sealhulgas agiilsed lähenemisviisid. See dokument annab üldised kirjeldused menetlustest, mida peetakse hästi toimivaks ja häid tulemusi andvaks projektijuhtimise kontekstis. See dokument ei anna juhiseid programmide või portfelli juhtimiseks. Teemasid, mis puudutavad üldist juhtimist, käsitletakse ainult projektijuhtimise kontekstis.

Keel: en, et

Alusdokumendid: ISO 21502:2020

Asendab dokumenti: EVS-ISO 21500:2018

07 LOODUS- JA RAKENDUSTEADUSED

CWA 17815:2021

Materials characterisation - Terminology, metadata and classification

The main purpose of this CWA is to propose a widely agreed and common basic architecture for materials characterization data (CHADA), which can be used as a building block for the most complex characterization case studies, also comprising interactions with modelling and process workflows. The materials characterization field consists of a merge combination of process from multiple scientific communities, which have established different terminologies that focus on various application domains and types of characterization methods. In addition to that, characterisation is an integral part of materials and product development, processing, and application. It involves stakeholders from: - Industrial end-users of characterisation from processing and manufacturing industry. - Scientists in both academia and industry developing new materials, properties, and applications; - Technology integrators providing materials testing, multiscale analysis, characterisation, and consultancy services. - Scientists from Academia, Research Institutes and instrument manufacturers who develop characterisation methods and methodologies. - Manufacturers and developers of analytical instruments from both academia and industry. - Standardisation Bodies and Metrology institutes. For such reasons, the development of a common terminology for materials characterisation is mandatory and should include (a) Standardization of terminology and method classification, and (b) a guideline to translate industrial problems into problems that can be analysed with characterization methods. On this basis, standardized terminology metadata and classification will be formalized into taxonomies and ontologies of materials characterization. This CWA includes definitions of fundamental terms for the field of materials characterisation, followed by a detailed description of a new concept for data documentation in materials characterization (CHADA). The definitions also enable a classification of materials characterisation methods. Using the concepts of "user case" (which includes the sampling process, specimen, testing environment and characteristic length scale), "experiment" (which include the details of the measurement chain), "raw data" and "data processing", we propose a more straightforward classification of materials characterisation methods, replacing the current situation of opacity that makes the field hard to access for industry and outsiders. This CWA also provides a systematic description and documentation of methods including the user case, method, raw data generation and analysis and post-processing of data: the "materials CHAracterisation DATa" (CHADA). This document seeks to organize the information so that even complex characterisation workflows can be conveyed more easily and key data about the methods, raw data generation and analysis, and post-processing of data and their implementation can be captured. A template CHADA for the methods is described to guide users towards a complete documentation of material characterisation.

Keel: en

Alusdokumendid: CWA 17815:2021

11 TERVISEHOOLDUS

EVS-EN 50527-2-3:2021

Procedure for the assessment of the exposure to electromagnetic fields of workers bearing active implantable medical devices - Part 2-3: Specific assessment for workers with implantable neurostimulators

This document provides the procedure for the specific assessment required in EN 50527-1:2016, Annex A, for workers with implanted neurostimulator systems (NS), specifically of the type used for spinal cord stimulation (SCS). It is recognized that implantable neurostimulators have been developed for a wide variety of clinical applications, however the SCS devices within the scope of this document represent the largest segment of the implantable neurostimulator applications thus far. NOTE 1 If the worker has other Active Implantable Medical Devices (AIMDs) implanted additionally, they are assessed separately according to EN 50527-1 or other particular standards within the EN 50527 series. The purpose of the specific assessment is to determine the risk for workers with implanted SCS devices arising from exposure to electromagnetic fields (EMF) at the workplace. The assessment includes the likelihood of clinically significant effects. NOTE 2 This document does not address risks from contact currents, or the effects upon any associated non-implantable devices (e.g. Patient Programmers). The techniques described in the different approaches can also be used for the assessment of publicly accessible areas. The frequency range to be observed is from 0 Hz to 3 GHz. Above 3 GHz no interference with the devices within the scope of this document is expected to occur. NOTE 3 The rationale for limiting the observation range to 3 GHz can be found in ISO 14708-3 [1]. NOTE 4 Further information concerning the functions of neurostimulator systems can be found at <https://www.aans.org/Patients/Neurosurgical-Conditions-and-Treatments/Spinal-Cord-Stimulation>.

Keel: en

Alusdokumendid: EN 50527-2-3:2021

EVS-EN IEC 80001-1:2021

Application of risk management for IT-networks incorporating medical devices - Part 1: Safety, effectiveness and security in the implementation and use of connected medical devices or connected health software

This document specifies general requirements for ORGANIZATIONS in the application of RISK MANAGEMENT before, during and after the connection of a HEALTH IT SYSTEM within a HEALTH IT INFRASTRUCTURE, by addressing the KEY PROPERTIES of SAFETY, EFFECTIVENESS and SECURITY whilst engaging appropriate stakeholders.

Keel: en

Alusdokumendid: IEC 80001-1:2021; EN IEC 80001-1:2021

Asendab dokumenti: EVS-EN 80001-1:2011

EVS-EN IEC 80601-2-26:2020/AC:2021

Elektrilised meditsiiniseadmed. Osa 2-26: Erinõuded elektroentsefalograafide esmasele ohutusele ja olulistele toimimisnäitajatele Medical electrical equipment - Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs

Corrigendum to EN IEC 80601-2-26:2020

Keel: en

Alusdokumendid: IEC 80601-2-26:2019/COR1:2021; EN IEC 80601-2-26:2020/AC:2021-10

Parandab dokumenti: EVS-EN IEC 80601-2-26:2020

EVS-EN ISO 10535:2021

Assistive products - Hoists for the transfer of persons - Requirements and test methods (ISO 10535:2021)

This International Standard specifies requirements and test methods only for hoists and body-support units intended for the transfer of disabled persons as classified in ISO 9999:2002: – 12 36 03 Mobile hoists with sling seats – 12 36 04 Standing mobile hoists – 12 36 06 Mobile hoists with solid seats – 12 36 09 Hoist trolleys – 12 36 12 Stationary hoists fixed to the wall/walls, floor and/or ceiling – 12 36 15 Stationary hoists fixed to, mounted in or on another product – 12 36 18 Stationary free-standing hoists – 12 36 21 Body-support units for hoists This International Standard does not apply to devices that transport persons between two levels (floors) of a building. It does not include methods for the determination of ageing or corrosion of such hoists and units. The requirements of this International Standard are formulated with regard to the needs of both the disabled persons being hoisted and the attendant using the hoist.

Keel: en

Alusdokumendid: ISO 10535:2021; EN ISO 10535:2021

Asendab dokumenti: EVS-EN ISO 10535:2007

EVS-EN ISO 16256:2021

Clinical laboratory testing and in vitro diagnostic test systems - Broth micro-dilution reference method for testing the in vitro activity of antimicrobial agents against yeast fungi involved in infectious diseases (ISO 16256:2021)

This document describes a method for testing the susceptibility to antifungal agents of yeasts, including *Candida* spp. and *Cryptococcus neoformans*, that cause infections. The reference method described here has not been used in studies of the yeast forms of dimorphic fungi, such as *Blastomyces dermatitidis* and/or *Histoplasma capsulatum* variety *capsulatum*. Moreover, testing filamentous fungi (moulds) introduces several additional problems in standardization not addressed by the current procedure. Those methods are beyond the scope of this document. This document describes the broth micro-dilution reference method, which can be implemented by either of two pathways. One pathway involves visual determination of MICs (CLSI method)[1][5]; the second pathway involves spectrophotometric determination of MICs (EUCAST method)[2][10]. The MIC reflects the activity of the drug under the described test conditions and can be interpreted for clinical management purposes by taking into account other factors, such as drug pharmacology or antifungal resistance mechanisms. In addition, MIC distributions can be used to define wild type or non-wild type fungal populations. Clinical interpretation of the MIC value is beyond the scope of this document; interpretive category breakpoints specific to the CLSI- and EUCAST-derived methods can be found by consulting the latest interpretive tables provided by the organizations[5][15]. Routine susceptibility testing methods or diagnostic test devices can be compared with this reference method in order to ensure comparable and reliable results for validation or registration purposes.

Keel: en

Alusdokumendid: ISO 16256:2021; EN ISO 16256:2021

Asendab dokumenti: EVS-EN ISO 16256:2012

EVS-EN ISO 4307:2021

Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for saliva - Isolated human DNA (ISO 4307:2021)

This document gives requirements on the handling, storage, processing and documentation of saliva specimens intended for human DNA examination during the pre-examination phase before a molecular examination is performed. This document is applicable to molecular in vitro diagnostic examination including laboratory developed tests performed by medical laboratories. It is also intended to be used by laboratory customers, in vitro diagnostics developers and manufacturers, biobanks, institutions and commercial organisations performing biomedical research, and regulatory authorities. Dedicated measures that need to be

taken for saliva collected on absorbing material or by mouth washes are not described in this document. Neither are measures for preserving and handling of native saliva cell-free DNA, pathogens, and other bacterial or whole microbiome DNA in saliva described. NOTE International, national or regional regulations or requirements can also apply to specific topics covered in this document.

Keel: en

Alusdokumendid: ISO 4307:2021; EN ISO 4307:2021

Asendab dokumenti: CEN/TS 17305:2019

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 14373:2021

Plahvatuse summutamise süsteemid Explosion suppression systems

This document describes the basic requirements for the design and application of explosion suppression systems. This document also specifies test methods for evaluating the effectiveness and the scaling up of explosion suppression systems against defined explosions. This document covers: - general requirements for explosion suppression system parts; - evaluating the effectiveness of an explosion suppression system; - evaluating the scale up of an explosion suppression system to larger than tested volumes; - development and evaluation of design tools for explosion suppression systems; - installation, operation and maintenance instructions for an explosion suppression system. This document is applicable only to explosion suppression systems intended for the protection of closed, or essentially closed, enclosures in which an explosion could result as a consequence of ignition of an explosible mixture, e.g. dust-air, gas(vapour)-air, dust-gas(vapour)-air and mist-air. This document is not applicable for explosions of materials listed below, or for mixtures containing some of those materials: - unstable materials that are liable to dissociate; - explosive materials; - pyrotechnic materials; - pyrophoric materials.

Keel: en

Alusdokumendid: EN 14373:2021

Asendab dokumenti: EVS-EN 14373:2005

EVS-EN 50689:2021

Lasertoodete ohutus. Erinõuded tarbijatele mõeldud lasertoodetele Safety of laser products - Particular Requirements for Consumer Laser Products

This document specifies the requirements for laser products intended for consumers. The scope of this document does not include products intended for professional use (non-consumer laser products) and restrictions as specified in this standard do not apply to non-consumer laser products. For non-consumer laser products, compliance with EN 60825-1 is sufficient to achieve the necessary level of safety. Electric Toys containing lasers, which are covered by EN 62115, are excluded from the scope of this document. Class 1C consumer laser products are not in the scope of this document. For example, cosmetic and beauty care Class 1C laser products are covered by EN 60335-2-113.

Keel: en

Alusdokumendid: EN 50689:2021

EVS-EN 60335-2-21:2021/A1:2021

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-21: Erinõuded salvestus- veesoojenditele Household and similar electrical appliances - Safety - Part 2-21: Particular requirements for storage water heaters

This European Standard deals with the safety of electric storage water heaters for household and similar purposes and intended for heating water below boiling temperature, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel: en

Alusdokumendid: IEC 60335-2-21:2012/A1:2018; EN 60335-2-21:2021/A1:2021

Muudab dokumenti: EVS-EN 60335-2-21:2021

EVS-EN IEC 60335-2-25:2021

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele, sealhulgas kombinatsioon-mikrolaineahjudele Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens

This European Standard deals with the safety of microwave ovens for household and similar use, their rated voltage being not more than 250 V.

Keel: en

Alusdokumendid: IEC 60335-2-25:2020; EN IEC 60335-2-25:2021

Asendab dokumenti: EVS-EN 60335-2-25:2012

Asendab dokumenti: EVS-EN 60335-2-25:2012/A1:2015

Asendab dokumenti: EVS-EN 60335-2-25:2012/A2:2016

EVS-EN IEC 60335-2-25:2021/A11:2021

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele, sealhulgas kombinatsioon- mikrolaineahjudele Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens

Amendment to EN IEC 60335-2-25:2021

Keel: en

Alusdokumendid: EN IEC 60335-2-25:2021/A11:2021

Muudab dokumenti: EVS-EN IEC 60335-2-25:2021

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

CWA 17815:2021

Materials characterisation - Terminology, metadata and classification

The main purpose of this CWA is to propose a widely agreed and common basic architecture for materials characterization data (CHADA), which can be used as a building block for the most complex characterization case studies, also comprising interactions with modelling and process workflows. The materials characterization field consists of a merge combination of process from multiple scientific communities, which have established different terminologies that focus on various application domains and types of characterization methods. In addition to that, characterisation is an integral part of materials and product development, processing, and application. It involves stakeholders from: - Industrial end-users of characterisation from processing and manufacturing industry. - Scientists in both academia and industry developing new materials, properties, and applications; - Technology integrators providing materials testing, multiscale analysis, characterisation, and consultancy services. - Scientists from Academia, Research Institutes and instrument manufacturers who develop characterisation methods and methodologies. - Manufacturers and developers of analytical instruments from both academia and industry. - Standardisation Bodies and Metrology institutes. For such reasons, the development of a common terminology for materials characterisation is mandatory and should include (a) Standardization of terminology and method classification, and (b) a guideline to translate industrial problems into problems that can be analysed with characterization methods. On this basis, standardized terminology metadata and classification will be formalized into taxonomies and ontologies of materials characterization. This CWA includes definitions of fundamental terms for the field of materials characterisation, followed by a detailed description of a new concept for data documentation in materials characterization (CHADA). The definitions also enable a classification of materials characterisation methods. Using the concepts of "user case" (which includes the sampling process, specimen, testing environment and characteristic length scale), "experiment" (which include the details of the measurement chain), "raw data" and "data processing", we propose a more straightforward classification of materials characterisation methods, replacing the current situation of opacity that makes the field hard to access for industry and outsiders. This CWA also provides a systematic description and documentation of methods including the user case, method, raw data generation and analysis and post-processing of data: the "materials CHAracterisation Data" (CHADA). This document seeks to organize the information so that even complex characterisation workflows can be conveyed more easily and key data about the methods, raw data generation and analysis, and post-processing of data and their implementation can be captured. A template CHADA for the methods is described to guide users towards a complete documentation of material characterisation.

Keel: en

Alusdokumendid: CWA 17815:2021

EVS-EN 13032-3:2021

Light and lighting - Measurement and presentation of photometric data of lamps and luminaires - Part 3: Presentation of data for emergency lighting of workplaces

This document specifies the required data for lamps and luminaires for the verification of conformity to the requirements of EN 1838. This document does not define the data requirements for signage, as these can be found in EN 1838. This document is used in conjunction with EN 13032-1 and EN 13032-4. This document specifies the requirements for emergency lighting with or without a replaceable light source. NOTE Product, safety and performance data can be found in CENELEC documents (see Bibliography).

Keel: en

Alusdokumendid: EN 13032-3:2021

Asendab dokumenti: EVS-EN 13032-3:2007

EVS-EN 16165:2021

Determination of slip resistance of pedestrian surfaces - Methods of evaluation

This document specifies test methods for determining the slip resistance of surfaces used by pedestrians. NOTE It is also possible to use this document for measurements where persons might walk on trafficked areas.

Keel: en

Alusdokumendid: EN 16165:2021

Asendab dokumenti: CEN/TS 16165:2016

EVS-EN 50527-2-3:2021

Procedure for the assessment of the exposure to electromagnetic fields of workers bearing active implantable medical devices - Part 2-3: Specific assessment for workers with implantable neurostimulators

This document provides the procedure for the specific assessment required in EN 50527-1:2016, Annex A, for workers with implanted neurostimulator systems (NS), specifically of the type used for spinal cord stimulation (SCS). It is recognized that implantable neurostimulators have been developed for a wide variety of clinical applications, however the SCS devices within the scope of this document represent the largest segment of the implantable neurostimulator applications thus far. NOTE 1 If the worker has other Active Implantable Medical Devices (AIMDs) implanted additionally, they are assessed separately according to EN 50527-1 or other particular standards within the EN 50527 series. The purpose of the specific assessment is to determine the risk for workers with implanted SCS devices arising from exposure to electromagnetic fields (EMF) at the workplace. The assessment includes the likelihood of clinically significant effects. NOTE 2 This document does not address risks from contact currents, or the effects upon any associated non-implantable devices (e.g. Patient Programmers). The techniques described in the different approaches can also be used for the assessment of publicly accessible areas. The frequency range to be observed is from 0 Hz to 3 GHz. Above 3 GHz no interference with the devices within the scope of this document is expected to occur. NOTE 3 The rationale for limiting the observation range to 3 GHz can be found in ISO 14708-3 [1]. NOTE 4 Further information concerning the functions of neurostimulator systems can be found at <https://www.aans.org/Patients/Neurosurgical-Conditions-and-Treatments/Spinal-Cord-Stimulation>.

Keel: en

Alusdokumendid: EN 50527-2-3:2021

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN ISO 13918:2018+A1:2021

Welding - Studs and ceramic ferrules for arc stud welding (ISO 13918:2017, Corrected version 2018-05 + ISO 13918:2017/Amd 1:2021)

This document specifies the following: — requirements for studs and ceramic ferrules for arc stud welding; — dimensions, materials and mechanical properties.

Keel: en

Alusdokumendid: ISO 13918:2017; EN ISO 13918:2018; ISO 13918:2017/Amd 1:2021; EN ISO 13918:2018/A1:2021

Konsolideerib dokumenti: EVS-EN ISO 13918:2018

Konsolideerib dokumenti: EVS-EN ISO 13918:2018/A1:2021

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 12516-2:2014+A1:2021

Tööstuslikud ventiilid. Korpuse tugevus. Osa 2: Terasest ventiilikorpuste arvutusmeetod Industrial valves - Shell design strength - Part 2: Calculation method for steel valve shells

This European Standard specifies the method for the strength calculation of the shell with respect to internal pressure of the valve.

Keel: en

Alusdokumendid: EN 12516-2:2014+A1:2021

Asendab dokumenti: EVS-EN 12516-2:2014

EVS-EN 1439:2021

LPG equipment and accessories - Procedure for checking transportable refillable LPG cylinders before, during and after filling

This document specifies the procedures to be adopted when checking transportable refillable LPG cylinders before, during and after filling. This document is applicable to transportable refillable LPG cylinders of water capacity not exceeding 150 l and deemed to be fitted with valves designed according to EN ISO 14245 [4] and EN ISO 15995 [5]. This document does not apply to the requirements for filling LPG cylinders that are designed and equipped for filling by the user. This document does not apply to the requirements for filling LPG containers on vehicles. This document is applicable to the following: — welded and brazed steel LPG cylinders with a specified minimum wall thickness (see EN 1442 and EN 12807 [1] or an equivalent standard); — welded steel LPG cylinders without specified minimum wall thickness (see EN 14140 or an equivalent standard); — welded aluminium LPG cylinders (see EN 13110 [2] or an equivalent standard); — composite LPG cylinders (see EN 14427 or an equivalent standard); and — over-moulded cylinders (OMC). Specific requirements for the different types of cylinders are detailed in Annex A, Annex B, Annex C, Annex D and Annex G. This document is intended to be applicable to cylinders complying with RID/ADR [6] [7] (including pi marked cylinders) and also to existing non RID/ADR cylinder populations.

Keel: en

Alusdokumendid: EN 1439:2021

Asendab dokumenti: EVS-EN 1439:2017

EVS-EN 877:2021

Cast iron pipe systems and their components for the evacuation of water from works - characteristics and test methods

This document specifies product characteristics, test/assessment methods and how to express test/assessment results. Cast iron pipelines kits are usually composed of cast iron pipes, fittings, joints and accessories. This document covers the range of nominal diameter from DN 40 to DN 600 inclusive. The cast iron includes grey cast iron and ductile cast iron. The roof gullies used for siphonic systems are outside the scope of this document. Sewerage applications are outside the scope of this document. It is intended to be used for the construction of gravity or vacuum discharge pressurized or unpressurized networks installed inside and/or outside works, above and/or below ground and in construction works.

Keel: en
Alusdokumendid: EN 877:2021
Asendab dokumenti: EVS-EN 877:2000
Asendab dokumenti: EVS-EN 877:2000/A1:2006
Asendab dokumenti: EVS-EN 877:2000/A1:2006/AC:2008

EVS-EN ISO 15874-3:2013/A2:2021

Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 3: Fittings - Amendment 2 (ISO 15874-3:2013/Amd 2:2021)

Amendment to EN ISO 15874-3:2013

Keel: en
Alusdokumendid: ISO 15874-3:2013/Amd 2:2021; EN ISO 15874-3:2013/A2:2021
Muudab dokumenti: EVS-EN ISO 15874-3:2013

EVS-EN ISO 15875-3:2004/A2:2021

Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 3: Fittings - Amendment 2 (ISO 15875-3:2003/Amd 2:2021)

Amendment to EN ISO 15875-3:2003

Keel: en
Alusdokumendid: ISO 15875-3:2003/Amd 2:2021; EN ISO 15875-3:2003/A2:2021
Muudab dokumenti: EVS-EN ISO 15875-3:2004

EVS-EN ISO 15876-3:2017/A2:2021

Plastics piping systems for hot and cold water installations - Polybutene (PB) - Part 3: Fittings - Amendment 2 (ISO 15876-3:2017/Amd 2:2021)

Amendment to EN ISO 15876-3:2017

Keel: en
Alusdokumendid: ISO 15876-3:2017/Amd 2:2021; EN ISO 15876-3:2017/A2:2021
Muudab dokumenti: EVS-EN ISO 15876-3:2017

EVS-EN ISO 21003-3:2008/A1:2021

Multilayer piping systems for hot and cold water installations inside buildings - Part 3: Fittings - Amendment 1 (ISO 21003-3:2008/Amd 1:2021)

Amendment to EN ISO 21003-3:2008

Keel: en
Alusdokumendid: ISO 21003-3:2008/Amd 1:2021; EN ISO 21003-3:2008/A1:2021
Muudab dokumenti: EVS-EN ISO 21003-3:2008

EVS-EN ISO 22391-3:2010/A2:2021

Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 3: Fittings - Amendment 2 (ISO 22391-3:2009/Amd 2:2021)

Amendment to EN ISO 22391-3:2009

Keel: en
Alusdokumendid: ISO 22391-3:2009/Amd 2:2021; EN ISO 22391-3:2009/A2:2021
Muudab dokumenti: EVS-EN ISO 22391-3:2010

EVS-EN ISO 23826:2021

Gas cylinders - Ball valves - Specification and testing (ISO 23826:2021)

This document specifies design, type testing, marking and manufacturing test and examination requirements for ball valves used as: a) closures of refillable transportable gas cylinders, pressure drums and tubes; b) main valves for cylinder bundles; c) valves for cargo transport units (e.g. trailers, battery vehicles and MEGCs); which convey compressed gases, liquefied gases and dissolved gases. NOTE 1 In the course of the document, the term "valve" is used with the meaning of "ball valve". This document does not apply to: • oxidizing gases as defined in ISO 10156, • toxic gases (i.e. gases listed in ISO 10298 having an LC50 value $\leq 5\ 000$ ppm) and • acetylene for single gas cylinders, pressure drums and tubes. NOTE 2 The reason for the exclusion of oxidizing gases is that the use of ball valves as closures of high pressure cylinders for oxidizing gases is known to lead to specific ignition hazards that cannot reasonably be mitigated through the ball valve design or type testing. Safety hazards concern both the ball valve itself and any downstream equipment. This International document does not apply to ball valves for liquefied petroleum gas (LPG), cryogenic equipment, portable fire extinguishers and cylinders for breathing apparatus. NOTE 3 Requirements for valves for cryogenic vessels are specified in ISO 21011 and at a regional level, e.g. in EN 1626. Requirements for valves for portable fire extinguishers at a regional level are specified e.g. in EN 3 series. NOTE 4 Certain specific requirements for valves for breathing apparatus in addition to those that are given in this document are specified at a regional level, e.g. in EN 144 series. Certain specific requirements for quick-release valves for fixed fire-fighting systems in addition to those that are given in this document are specified in ISO 16003 and at a regional level e.g. in EN 12094-4.

Keel: en
Alusdokumendid: ISO 23826:2021; EN ISO 23826:2021

25 TOOTMISTEHNOLLOOGIA

EVS-EN IEC 62841-4-5:2021

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömashinad. Ohutus. Osa 4-5: Erinõuded murukäärdele

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-5: Particular requirements for grass shears

This clause of Part 1 is applicable, except as follows. Addition: This document applies to grass shears with a maximum cutting width of 200 mm designed primarily for cutting grass. This document does not apply to hedge trimmers. NOTE 101 Hedge trimmers are covered by IEC 62841-4-2.

Keel: en
Alusdokumendid: IEC 62841-4-5:2021; EN IEC 62841-4-5:2021

EVS-EN IEC 62841-4-5:2021/A11:2021

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömashinad. Ohutus. Osa 4-5: Erinõuded murukäärdele

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-5: Particular requirements for grass shears

Amendment to EN IEC 62841-4-5:2021

Keel: en
Alusdokumendid: EN IEC 62841-4-5:2021/A11:2021
Muudab dokumenti: EVS-EN IEC 62841-4-5:2021

EVS-EN ISO 13918:2018+A1:2021

Welding - Studs and ceramic ferrules for arc stud welding (ISO 13918:2017, Corrected version 2018-05 + ISO 13918:2017/Amd 1:2021)

This document specifies the following: — requirements for studs and ceramic ferrules for arc stud welding; — dimensions, materials and mechanical properties.

Keel: en
Alusdokumendid: ISO 13918:2017; EN ISO 13918:2018; ISO 13918:2017/Amd 1:2021; EN ISO 13918:2018/A1:2021
Konsolideerib dokumenti: EVS-EN ISO 13918:2018
Konsolideerib dokumenti: EVS-EN ISO 13918:2018/A1:2021

EVS-EN ISO 15614-12:2021

Metallide keevitusprotseduuride spetsifitseerimine ja kvalifitseerimine. Keevituse protseduuri katse. Osa 12: Punkt-, joon- ja projektsioonkeevitus

Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 12: Spot, seam and projection welding (ISO 15614-12:2021)

See dokument määratleb katsetused, mida võib kasutada keevitusprotseduuri spetsifikaatide kvalifitseerimisel punkt-, joon- ja projektsioonkeevitusprotsesside korral. MÄRKUS Protseduurid reljeefprojektsioonkeevituse jaoks on kirjutatud. Neid saab kohandada ka tahkefaas projektsioonide korral, nt mutrikeevitus, tihvtide keevitamine, ristraadi keevitamine. See dokument määratleb tingimused katsete teostamiseks ja kvalifitseeritud keevitusprotseduuride kehtivusulatused kõigile selle dokumendiga hõlmatud praktilistele keevitusoperatsioonidele. See käsitleb järgmisi kontaktkeevituse protsesse, nagu määratletud standardis ISO 4063: — 21 – punktkontaktkeevitus; — 211 – kaudpunktkeevitus (ingl indirect spot welding); — 212 – otsepunktkeevitus (ingl direct spot welding); — 22 – joonkontaktkeevitus; — 221 – katteliide joonkeevitus (ingl lap seam welding); — 222 – plastse deformeerimisega joonkeevitus (ingl mash seam welding); — 223 – ettevalmistatud servadega joonkontaktkeevitus (ingl prep-lap seam welding); — 224 – vahetraadiga joonkontaktkeevitus (ingl wire seam welding); — 225 – foolium põkk-joonkeevitus (ingl foil butt-seam welding); — 226 – joonkeevitus ribana (ingl seam welding with strip); — 23 – projektsioonkeevitus; — 231 – kaud-projektsioonkeevitus (ingl indirect projecton welding); — 232 – otseprojektsioonkeevitus (ingl direct projecton welding).

Keel: en, et
Alusdokumendid: EN ISO 15614-12:2021; ISO 15614-12:2021
Asendab dokumenti: EVS-EN ISO 15614-12:2014

EVS-EN ISO 4524-3:2021

Metallic coatings - Test methods for electrodeposited gold and gold alloy coatings - Part 3: Electrographic tests for porosity (ISO 4524-3:2021)

This document specifies four electrographic tests for assessing the porosity of electrodeposited gold and gold alloy coatings for engineering, and decorative and protective purposes.

Keel: en
Alusdokumendid: ISO 4524-3:2021; EN ISO 4524-3:2021
Asendab dokumenti: EVS-EN ISO 4524-3:1999

27 ELEKTRI- JA SOOJUSENERGEETIKA

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

Fotoelektrilised genereerimissüsteemid. Elektriliste muundurseedmete elektromagnetilise ühilduvuse nõuded ja katsetusmeetodid

Photovoltaic power generating systems - EMC requirements and test methods for power conversion equipment (IEC 62920:2017 + IEC 62920:2017/A1:2021)

This document specifies electromagnetic compatibility (EMC) requirements for power conversion equipment (PCE) (e.g. DC to DC, DC to AC and AC to DC) for use in photovoltaic (PV) power systems with or without DC-coupled electrical energy storage devices. The PCE covered by this document can be grid-interactive, which is termed as a grid connected power converter (GCPC), or stand-alone. It can be supplied by single or multiple photovoltaic modules grouped in various array configurations, and can be intended for use in conjunction with batteries or other forms of energy storage. NOTE A micro inverter is an example of a GCPC supplied by a single photovoltaic module. This document covers not only PCE connected to a public low voltage AC mains network or other low voltage AC mains installation, but also PCE connected to a medium or high voltage AC network with or without step-down power transformers. Requirements for the PCE connected to a medium or high voltage AC network are specified in this document. However, some requirements relevant to grid interconnection are addressed with other standards specifying power quality or their own grid codes in some countries. NOTE DC/DC converters used for PV systems are not yet covered in this document. They can cause electromagnetic interference due to conducted disturbances at DC ports. PCE is assessed with EMC requirements as a type test at a test site. This document provides test methods and test conditions for PCE as well as emission and immunity requirements, but not for photovoltaic modules and other balance of system components. When compliance with EMC requirements at the test site cannot be shown due to technical reasons of the test site, PCE can be assessed in situ, such as at the manufacturer's premises or in the field where the PCE is assembled into a PV power system. However, only high frequency emission requirements for in situ assessment are specified in CISPR 11.

Keel: en

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

Konsolideerib dokumenti: EVS-EN 62920:2017

Konsolideerib dokumenti: EVS-EN 62920:2017/A1:2021

Konsolideerib dokumenti: EVS-EN 62920:2017/A11:2020

EVS-EN ISO 21922:2021

Külmutussüsteemid ja soojuspumbad. Ventiiidid. Nõuded, testimine ja markeerimine

Refrigerating systems and heat pumps - Valves - Requirements, testing and marking (ISO 21922:2021)

This European Standard specifies safety requirements, safety factors, test methods, test pressures used and marking of refrigerating valves and other components with similar bodies, hereinafter called valves, for use in refrigerating systems. It describes the procedure to be followed when designing (by calculation or by an experimental design method) valve parts subjected to pressure as well as the criteria to be used in the selection of materials. The standard describes methods by which reduced impact values at low temperatures may be taken into account in a safe manner. This standard 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.

Keel: en

Alusdokumendid: ISO 21922:2021; EN ISO 21922:2021

Asendab dokumenti: EVS-EN 12284:2003

29 ELEKTROTEHNIKA

EVS-EN 50342-1:2015+A1+A2:2021

Lead-acid starter batteries - Part 1: General requirements and methods of test

This European Standard is applicable to lead-acid batteries with a nominal voltage of 12 V, used primarily as a power source for the starting of internal combustion engines, lighting and also for auxiliary equipment of internal combustion engine vehicles. These batteries are commonly called "starter batteries". Batteries with a nominal voltage of 6 V are also included within the scope of this standard. All referenced voltages need to be divided by two for 6 V batteries. This European Standard is applicable to batteries for the following purposes: – batteries for passenger cars, – batteries for commercial and industrial vehicles. This European Standard is not applicable to batteries for other purposes, for example the starting of railcar internal combustion engines or for motorcycles.

Keel: en

Alusdokumendid: EN 50342-1:2015; EN 50342-1:2015/A1:2018; EN 50342-1:2015/A2:2021

Konsolideerib dokumenti: EVS-EN 50342-1:2015

Konsolideerib dokumenti: EVS-EN 50342-1:2015/A1:2018

Konsolideerib dokumenti: EVS-EN 50342-1:2015/A2:2021

EVS-EN IEC 60086-5:2021

Primary batteries - Part 5: Safety of batteries with aqueous electrolyte

This part of IEC 60086 specifies tests and requirements for primary batteries with aqueous electrolyte to ensure their safe operation under intended use and reasonably foreseeable misuse.

Keel: en

Alusdokumendid: EN IEC 60086-5:2021; IEC 60086-5:2021
Asendab dokumenti: EVS-EN 60086-5:2016

EVS-EN IEC 61936-1:2021

Tugevoolupaigaldised nimivahelduvpingega üle 1 kV ja alalispingega üle 1,5 kV. Osa 1: Vahelduvpinge

Power installations exceeding 1 kV AC and 1,5 kV DC - Part 1: AC (IEC 61936-1:2021)

See standardisarja IEC 61936 osa esitab üle 1 kV nimivahelduvpingega ja kuni 60 Hz nimisagedusega võrkude tugevoolupaigaldiste projekteerimise ja ehitamise üldnõuded, tagamaks nende kasutamise ettenähtud ohutus ja nõuetekohane toimivus. Selles standardis mõistetakse tugevoolupaigaldisi alljärgnevalt: a) alajaamad, sealhulgas elektriraudtee toitealajaamad; b) elektripaigaldised postidel, mastidel ja tornides, väljaspool suletud elektrikäiduala paiknevad jaotlad ja/või trafod; c) ühessamas paigas asuv(ad) üks (või mitu) elektriijaamaplokki, paigaldis sisaldab generaatoreid ja trafosid koos kõigi nende juurde kuuluvate jaotlate ja abivooluahelatega. Eri paikades asuvate elektriijaamaplokkide vahelised ühendused sia hulka ei kuulu; d) tehaste, tootmisettevõtete või muude tööstuslike, põllumajanduslike, kaubanduslike või avalike asutuste elektrivõrgud; e) rannikumere platvormide elektripaigaldised elektrienergia tootmiseks, ülekandmiseks, jaotamiseks ja/või salvestamiseks. f) lõpu-/üleminekumastid (õhuliinide ja maa-aluste liinide vahel). Tugevoolupaigaldisse kuuluvad muude kõrval järgmised seadmed ja seadmekompleksid: — pöörlevad elektrimasinad; — lülitus- ja juhtimisseadmed; — trafod ja reaktorid; — muundurid; — kaablid; — juhistikud; — akupatareid; — kondensaatorid; — maanduspaigaldised; — suletud elektrikäiduala koostisse kuuluvad hooned ja tarad; — liidetud kaitse-, juhtimise- ja abisüsteemid; — suuremõtmeline õhksüdamikreaktor. MÄRKUS 1 Üldjuhul on seadmestandard selle standardi suhtes üliluslik. Seda standardit ei rakendata järgmiste paigaldiste ja rajatiste projekteerimisel ja ehitamisel: — eri paigaldiste vahelised õhu- ja maa-alused liinid; — elektriraudteed ja veerem; — kaevandusseadmed ja -paigaldised; — luminofoorlampipaigaldised; — paigaldised laevadel standardisarja IEC 60092 (kõik osad) kohaselt ja rannikumere paigaldised standardisarja IEC 61892 (kõik osad) kohaselt, mida kasutatakse rannikumere naftatööstuses puurimiseks, töötlemiseks ja ladustamiseks; — elektrostaatilised seadmed (nt elektrostaatilised sadestid, värvipihustid); — katsetamispaigad; — meditsiiniseadmed, nt meditsiinilised röntgenseadmed. Standardit ei rakendata tehasetootelistele tüübikatsutatud jaotusseadmetele ja tehasetootelistele kõrgepinge/madalpinge-alajaamadele, mille kohta on olemas eraldi IEC standardid. MÄRKUS 2 Standardit ei rakendata pingelustele töödele esitatud nõuetele elektripaigaldistes. MÄRKUS 3 See standard käsitab kõrgepingepaigaldiste ohutusnõudeid ja kõrgepingepaigaldiste mõju madalpingepaigaldistele. Kuni 1 kV elektripaigaldiste kohta rakendub standardisari IEC 60364 (kõik osad).

Keel: en, et

Alusdokumendid: IEC 61936-1:2021; EN IEC 61936-1:2021
Asendab dokumenti: EVS-EN 61936-1:2010
Asendab dokumenti: EVS-EN 61936-1:2010/A1:2014
Asendab dokumenti: EVS-EN 61936-1:2010/AC:2011
Asendab dokumenti: EVS-EN 61936-1:2010/AC:2013
Asendab dokumenti: EVS-EN 61936-1:2010+A1:2014

EVS-EN IEC 62868-1:2021

Orgaanvalgusdiodvalgusallikad (orgaanleedvalgusallikad) üldtarbevalgustuseks. Ohutus. Osa 1: Üldnõuded ja katsetused

Organic light emitting diode (OLED) Light sources for general lighting - Safety - Part 1: General requirements and tests

IEC 62868-1:2020 specifies general safety requirements of OLED products for use on DC supplies up to 1000 V or AC supplies up to 1000 V at 50 Hz or 60 Hz for indoors and similar general lighting purposes. This document applies to any OLED light sources which are not covered by IEC 62868-2 (all parts). This first edition cancels and replaces IEC 62868 published in 2014.

Keel: en

Alusdokumendid: IEC 62868-1:2020; EN IEC 62868-1:2021
Asendab dokumenti: EVS-EN 62868:2015

EVS-EN IEC 62868-2-1:2021

Orgaanvalgusdiodvalgusallikad (orgaanleedvalgusallikad) üldtarbevalgustuseks. Ohutus. Osa 2-1: Erinõuded. Osaliselt kompaktsed orgaanleedmoodulid

Organic light emitting diode (OLED) light sources for general lighting - Safety - Part 2-1: Particular requirements - semi-integrated OLED modules

IEC 62868-2-1:2020 specifies safety requirements for semi-integrated organic light emitting diode modules operating with an external controlgear connected to the mains voltage, and which, in addition, have a control means inside ("semi-integrated") for operation under constant voltage, constant current or constant power and have a rated voltage up to 120 V ripple free DC or 50 V AC RMS at 50 Hz or 60 Hz.

Keel: en

Alusdokumendid: IEC 62868-2-1:2020; EN IEC 62868-2-1:2021

EVS-EN IEC 62868-2-2:2021

Orgaanvalgusdiodvalgusallikad (orgaanleedvalgusallikad) üldtarbevalgustuseks. Ohutus. Osa 2-2: Erinõuded. Kompaktsed orgaanleedmoodulid

Organic light emitting diode (OLED) light sources for general lighting - Safety - Part 2-2: Particular requirements - Integrated OLED modules

IEC 62868-2-2:2020 specifies the safety requirements for integrated organic light-emitting diode (OLED) modules for use on ripple free DC supplies up to 1000 V or AC supplies up to 1 000 V RMS at 50 Hz or 60Hz.

Keel: en

Alusdokumendid: IEC 62868-2-2:2020; EN IEC 62868-2-2:2021

31 ELEKTROONIKA

EVS-EN 50689:2021

Lasertoodete ohutus. Erinõuded tarbijatele mõeldud lasertoodetele Safety of laser products - Particular Requirements for Consumer Laser Products

This document specifies the requirements for laser products intended for consumers. The scope of this document does not include products intended for professional use (non-consumer laser products) and restrictions as specified in this standard do not apply to non-consumer laser products. For non-consumer laser products, compliance with EN 60825-1 is sufficient to achieve the necessary level of safety. Electric Toys containing lasers, which are covered by EN 62115, are excluded from the scope of this document. Class 1C consumer laser products are not in the scope of this document. For example, cosmetic and beauty care Class 1C laser products are covered by EN 60335-2-113.

Keel: en

Alusdokumendid: EN 50689:2021

EVS-EN IEC 63041-1:2021

Piezoelectric sensors - Part 1: Generic specifications

This part of IEC 63041 applies to piezoelectric sensors of resonator, delay-line and non acoustic types, which are used in physical and engineering sciences, chemistry and biochemistry, medical and environmental sciences, etc. The purpose of this document is to specify the terms and definitions for the piezoelectric sensors, and to make sure from a technological perspective that users understand the state-of-art piezoelectric sensors and how to use them correctly.

Keel: en

Alusdokumendid: IEC 63041-1:2021; EN IEC 63041-1:2021

Asendab dokumenti: EVS-EN IEC 63041-1:2018

33 SIDETEHNIKA

EVS-EN 301 908-10 V4.3.1:2021

IMT kõrgsidesidevõrgud; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 10. Kolmanda põlvkonna mobiilsidevõrgu IMT-2000 baasjaamad (BS), repiiterid ja kasutajaseadmed (UE) IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 10: Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks

The present document applies to the following equipment types for IMT-FT. IMT-FT is the Digital Enhanced Cordless Telecommunications (DECT) system being a member of the ITU IMT-2000 family: a) Base Station (BS) (termed as Fixed Part (FP) throughout the present document) b) User Equipment (UE) (termed as Portable Part (PP) throughout the present document) c) Cordless Terminal Adapter (CTA) (specific type of UE) d) Repeater (termed as Wireless Relay Station (WRS) (FP and PP combined) throughout the present document) e) Hybrid Part (HyP) (a PP with capability to act as a FP to provide PP to PP communication) These radio equipment types can operate in all or any part of the frequency bands given in table 1. Table 1: Radiocommunications service frequency bands Transmit 1 900 MHz to 1 980 MHz Receive 1 900 MHz to 1 980 MHz Transmit 2 010 MHz to 2 025 MHz Receive 2 010 MHz to 2 025 MHz The IMT-FT (DECT) service frequency bands for transmitting and receiving for all elements are the parts of the IMT spectrum applicable for TDD operation, 1 900 MHz to 1 980 MHz and 2 010 MHz to 2 025 MHz. NOTE 1: IMT-FT equipment may have a second mode for providing operation also in the DECT band 1 880 MHz to 1 900 MHz. Application of DECT in the band 1 880 MHz to 1 900 MHz is covered by ETSI EN 301 406. Details of the DECT Common Interface may be found in ETSI EN 300 175-1, ETSI EN 300 175 parts 2 to 3, ETSI EN 300 175-4, ETSI EN 300 175 parts 5 to 6 and ETSI EN 300 175 parts 7 to 8. Further details of the DECT system may be found in ETSI TR 101 178. Information about ULE may be found in ETSI TS 102 939-1 and ETSI TS 102 939-2. The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference. NOTE 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 301 908-10 V4.3.1

EVS-EN 319 102-1 V1.3.1:2021

Electronic Signatures and Infrastructures (ESI); Procedures for Creation and Validation of AdES Digital Signatures; Part 1: Creation and Validation

The present document specifies procedures for: • the creation of AdES digital signatures (specified in ETSI EN 319 122-1, ETSI EN 319 132-1, ETSI EN 319 142-1 respectively); • establishing whether an AdES digital signature is technically valid; whenever the AdES digital signature is based on public key cryptography and supported by Public Key Certificates (PKCs). To improve readability of the present document, AdES digital signatures are meant when the term signature is being used. NOTE 1: Regulation (EU) No 910/2014 defines the terms electronic signature, advanced electronic signature, electronic seals and

advanced electronic seal. These signatures and seals are usually created using digital signature technology. The present document aims at supporting the Regulation (EU) No 910/2014 for creation and validation of advanced electronic signatures and seals when they are implemented as AdES digital signatures. The present document introduces general principles, objects and functions relevant when creating or validating signatures based on signature creation and validation constraints and defines general classes of signatures that allow for verifiability over long periods. The following aspects are considered to be out of scope: • generation and distribution of Signature Creation Data (keys, etc.), and the selection and use of cryptographic algorithms; • format, syntax or encoding of data objects involved, specifically format or encoding for documents to be signed or signatures created; and • the legal interpretation of any signature, especially the legal validity of a signature. NOTE 2: The signature creation and validation procedures specified in the present document provide several options and possibilities. The selection of these options is driven by a signature creation policy, a signature augmentation policy or a signature validation policy respectively. Note that legal requirements can be provided through specific policies, e.g. in the context of qualified electronic signatures as defined in the Regulation (EU) 910/2014.

Keel: en

Alusdokumendid: ETSI EN 319 102-1 V1.3.1

EVS-EN IEC 61753-101-03:2021

Fibre optic interconnecting devices and passive components performance standard - Part 101-03: Fibre management systems for category OP - Outdoor protected environment

This part of IEC 61753 contains the minimum tests, test severities and measurement requirements which a fibre management system need to meet in order to be categorised as meeting the IEC standard, category OP - Outdoor Protected environment, as defined in IEC 61753-1. This performance standard for fibre management systems defines the requirements for standard optical performance under a set of specified conditions. It contains a series or a set of tests and measurements with clearly stated conditions, severities and pass/fail criteria. The series of tests, commonly referred to as an operating service environment or performance category, is intended to be a basis to prove the product's ability to satisfy the requirements of a specific application, market sector or user group.

Keel: en

Alusdokumendid: IEC 61753-101-03:2021; EN IEC 61753-101-03:2021

Asendab dokumenti: EVS-EN 61753-101-3:2008

35 INFOTEHNOLOOGIA

EVS-EN IEC 80001-1:2021

Application of risk management for IT-networks incorporating medical devices - Part 1: Safety, effectiveness and security in the implementation and use of connected medical devices or connected health software

This document specifies general requirements for ORGANIZATIONS in the application of RISK MANAGEMENT before, during and after the connection of a HEALTH IT SYSTEM within a HEALTH IT INFRASTRUCTURE, by addressing the KEY PROPERTIES of SAFETY, EFFECTIVENESS and SECURITY whilst engaging appropriate stakeholders.

Keel: en

Alusdokumendid: IEC 80001-1:2021; EN IEC 80001-1:2021

Asendab dokumenti: EVS-EN 80001-1:2011

45 RAUDTEETEHNIKA

CEN/TR 17696:2021

Railway applications - Vehicle Maintenance - Guide for identification and management of Safety Critical Components for railway vehicles

The objective of this document is to provide an overview of the SCCs requirements captured from the current legislation and the actors involved in their fulfilment. In addition, this document aims to promote a common understanding of those requirements together with practical arrangements to fulfil them in a proper way and giving guidance for the SCCs identification and management. The objective of the document is neither to produce an applicable list of SCCs nor to provide for examples of SCCs. This document is applicable to vehicles only. The definition of "vehicle" is as in Art. 3(21) of the Safety Directive [3].

Keel: en

Alusdokumendid: CEN/TR 17696:2021

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 8666:2020/A11:2021

Väikelaevad. Põhiandmed Small craft - Principal data (ISO 8666:2020)

Standardi EN ISO 8666:2020 muudatus

Keel: en

Alusdokumendid: EN ISO 8666:2020/A11:2021

Muudab dokumenti: EVS-EN ISO 8666:2020

EVS-EN 16602-70-16:2021**Space engineering - Adhesive bonding for spacecraft and launcher applications**

The scope of the document addresses the generic verification for all types of adhesive bonding for space applications including evaluation phases. It specifies all aspects of the adhesive bonding lifetime such as assembly, integration and testing, on-ground acceptance testing, storage, transport, pre-launch, launch and in-flight environments. This standard does not cover requirements for: - adhesive bonding used in EEE mounting on printed circuit boards (ECSS-Q-ST-70-61) - adhesive bonding used in hybrid manufacturing (ESCC 2566000) - adhesive bonding for cover-glass on solar cell assemblies (ECSS-E-ST-20-08) - design of adhesive joint - long term storage and long term storage sample testing - performance of adhesive bond - functional properties of adhesive joint • co-curing processes This standard may be tailored for the specific characteristics and constraints of a space project in conformance with ECSS-S-ST-00.

Keel: en

Alusdokumendid: ECSS-Q-ST-70-16C; EN 16602-70-16:2021

EVS-EN 4613:2021**Aerospace series - Spherical plain bearing in corrosion resisting steel with self-lubricating liner, narrow series - Dimensions and loads - Inch series**

This document specifies the characteristics of a bearing, spherical plain in corrosion resisting steel with self-lubricating liner, narrow series for aerospace applications. These bearings are not intended for use of moving parts especially for control mechanisms and operating systems. They shall be used in the temperature range -55 °C to 163 °C.

Keel: en

Alusdokumendid: EN 4613:2021

Asendab dokumenti: EVS-EN 4613:2009

EVS-EN 4614:2021**Aerospace series - Spherical plain bearing in corrosion resisting steel with self-lubricating liner, wide series - Dimensions and loads - Inch series**

This document specifies the characteristics of a bearing, spherical plain in corrosion resisting steel with self-lubricating liner, wide series for aerospace applications. These bearings are not intended for use of moving parts especially for control mechanism and operating system. They shall be used in the temperature range -55 °C to 163 °C.

Keel: en

Alusdokumendid: EN 4614:2021

Asendab dokumenti: EVS-EN 4614:2009

EVS-EN ISO 3691-6:2021**Tööstusveokid. Ohutusnõuded ja vastavuskontroll. Osa 6: Kauba- ja töötajate veokid
Industrial trucks - Safety requirements and verification - Part 6: Burden and personnel carriers
(ISO 3691-6:2021)**

This document gives safety requirements and the means for their verification for self-propelled carriers designed for carrying burdens without lifting, as defined in ISO 5053-1:2020, and/or personnel carriers, having three or more wheels, a maximum speed not exceeding 56 km/h and a load capacity not exceeding 5 000 kg (hereafter referred to as carriers or trucks). This document is applicable to trucks equipped with a platform (which can be tilting) for the purpose of carrying materials or with a number of seats for the purpose of transporting passengers. It is not applicable to: - vehicles intended primarily for earth-moving or over-the-road hauling; - driverless trucks; - pedestrian controlled trucks; - golf cars; - tractors with a drawbar pull up to and including 20 000 N equipped with a platform for the purpose of carrying materials. This document deals with all significant hazards, hazardous situations or hazardous events, as listed in Annex A, relevant to the applicable machines when used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer. This document does not deal with hazard due to the risk of break-up during operation. It does not establish requirements for hazards that can occur when using trucks on public roads or when operating in potentially explosive atmospheres. It does not establish requirements to provide fire extinguishers. Regional requirements, additional to the requirements given in this document, are addressed in EN 16307-6:2014 and ISO/TS 3691-8:2019.

Keel: en

Alusdokumendid: ISO 3691-6:2021; EN ISO 3691-6:2021

Asendab dokumenti: EVS-EN ISO 3691-6:2015

Asendab dokumenti: EVS-EN ISO 3691-6:2015/AC:2016

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 14854:2021

Glass packaging - Dimensions of neck finishes for aerosol and spray glass containers

This document specifies dimensions of neck finishes for aerosol and spray glass containers, in order to guarantee tight sealing of valves or pumps with ferrules defined by EN 14849. It applies to glass containers with a nominal diameter of the neck finish around 11 mm, 13 mm, 15 mm, 17 mm, 18 mm and 20 mm for both moulded and tubular glass neck finishes. NOTE These neck finishes are commonly called FEA 11, 13, 15, 17, 18 and 20.

Keel: en

Alusdokumendid: EN 14854:2021

Asendab dokumenti: EVS-EN 14854:2006

EVS-EN 15421:2021

Packaging - Flexible aluminium tubes - Determination of the adhesion of the internal and external protective lacquering

This document specifies a method for the determination of the adhesion of the internal and external protective lacquer of aluminium tubes. It is applicable to aluminium tubes that are coated with an internal or external protective lacquer and which are used for packing, e.g. pharmaceutical, cosmetic, hygiene, food and other household products.

Keel: en

Alusdokumendid: EN 15421:2021

Asendab dokumenti: EVS-EN 15421:2007

EVS-EN 16285:2021

Packaging - Flexible aluminium tubes - Test method to measure the deformation of the aluminium tube body (Guillotine test)

This document specifies a method to measure the deformation of the aluminium tube body. It is applicable to cylindrical aluminium tubes used for packing pharmaceutical, cosmetic, hygiene, food and other domestic and industrial products.

Keel: en

Alusdokumendid: EN 16285:2021

Asendab dokumenti: EVS-EN 16285:2013

65 PÕLLUMAJANDUS

EVS-EN 17517:2021

Animal feeding stuffs: Methods of sampling and analysis - Determination of mineral oil saturated hydrocarbons (MOSH) and mineral oil aromatic hydrocarbons (MOAH) with on-line HPLC-GC-FID analysis

This document specifies a method for the determination of saturated and aromatic hydrocarbons (from C10 to C50) in feed. The method has been interlaboratory validated with on-line-HPLC-GC-FID. This method is not intended to be applied to other matrices. The method can be used for the analysis of mineral oil saturated hydrocarbons (MOSH) and/or mineral oil aromatic hydrocarbons (MOAH). The method is applicable for feed materials, in particular vegetable oils and other fat rich feed materials, compound feeds and pre-mixtures. It is not applicable to additives or deodorants. NOTE 1 The method was not designed for encapsulated matrices. The method has been tested in an interlaboratory study via the analysis of both naturally contaminated and spiked samples (pre-mixture, soybean meal, sunflower seeds, chicken feed, pig feed, vegetable oil) ranging from 3 mg/kg to 286 mg/kg for MOSH and from 1 mg/kg to 16 mg/kg for MOAH. According to the results of the interlaboratory study, the method has been proven suitable for MOSH and MOAH mass concentrations, each above 10 mg/kg. However, the method was not fully validated during the collaborative study for the premixture sample due to too low concentrations of MOSH and MOAH. The method was also not fully validated during the collaborative study for the sunflower seeds sample due to a too low concentration of MOAH. NOTE 2 The conclusions regarding MOAH are based on 4 analyte / matrix combinations while the IUPAC protocol expects this to be a minimum of 5. In case of suspected interferences from natural sources, the fossil origin of the MOSH and MOAH fraction can be verified by examination of the pattern by GC-MS. For the determination of MOSH and MOAH in edible fats and oils, another CEN standard is also available: EN 16995. For more information see Annex C proposes a manual alternative method to on-line HPLC-GC-FID analysis that can be used as a screening method for the determination of MOSH.

Keel: en

Alusdokumendid: EN 17517:2021

EVS-EN IEC 60335-2-76:2021

Household and similar electrical appliances - Safety - Part 2-76: Particular requirements for electric fence energizers

This clause of Part 1 is replaced by the following. This part of IEC 60335 deals with the safety of electric fence energizers, the rated voltage of which is not more than 250 V and by means of which fence wires in agricultural, domestic or feral animal control fences and security fences may be electrified or monitored. NOTE 101 Examples of electric fence energizers coming within the scope of this standard are: – mains-operated energizers; – battery-operated electric fence energizers suitable for connection to the mains, as shown in Figure 101 and Figure 102; – electric fence energizers operated by non-rechargeable batteries either incorporated or separate. This standard does not in general take into account – the use of appliances by young children or

infirm persons without supervision; – the playing with appliances by young children. NOTE 102 Attention is drawn to the fact that – for appliances intended to be used on board ships or aircraft, additional requirements can be necessary; – in many countries, additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour, the national water supply authorities and similar authorities. NOTE 103 This standard does not apply to: – electromagnetically coupled animal trainer collars; – appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas); – separate battery chargers (IEC 60335-2-29); – electric fishing machines (IEC 60335-2-86); – electric animal-stunning equipment (IEC 60335-2-87); – appliances for medical purposes (IEC 60601).

Keel: en

Alusdokumendid: IEC 60335-2-76:2018; IEC 60335-2-76:2018/COR1:2018; EN IEC 60335-2-76:2021

Asendab dokumenti: EVS-EN 60335-2-76:2005

Asendab dokumenti: EVS-EN 60335-2-76:2005/A1:2006

Asendab dokumenti: EVS-EN 60335-2-76:2005/A11:2008

Asendab dokumenti: EVS-EN 60335-2-76:2005/A12:2010

Asendab dokumenti: EVS-EN 60335-2-76:2005/A2:2015

EVS-EN IEC 60335-2-76:2021/A11:2021

Household and similar electrical appliances - Safety - Part 2-76: Particular requirements for electric fence energizers

Applicable to the safety of electric fence energizers, the rated voltage of which is not more than 250 V.

Keel: en

Alusdokumendid: EN IEC 60335-2-76:2021/A11:2021

Muudab dokumenti: EVS-EN IEC 60335-2-76:2021

EVS-ISO 10315:2021

Sigaretid. Nikotiinisalduse määramine suitsukondensaatides. Gaasikromatograafiline meetod Cigarettes - Determination of nicotine in smoke condensates - Gas-chromatographic method (ISO 10315:2021, identical)

See dokument määrab meetodi nikotiini gaasikromatograafiliseks määramiseks peasuitsuvoo peenosakestes. Sigarettide suitsetamine ja peasuitsuvoo kogumine toimub standardi ISO 4387 kohaselt. MÄRKUS Standardites ISO 20778 ja ISO 22253 on intensiivse suitsetamisrežiimiga suitsust nikotiini määramise meetodid.

Keel: en

Alusdokumendid: ISO 10315:2021

Asendab dokumenti: EVS-ISO 10315:2013

67 TOIDUAINETE TEHNOLOOGIA

EVS-ISO 23776:2021

Liha ja lihatooted. Üldfosfori sisalduse määramine Meat and meat products - Determination of total phosphorus content (ISO 23776:2021, identical)

See dokument kirjeldab kolme meetodit üldfosfori sisalduse määramiseks igat liiki lihas ja lihatoodetes, sealhulgas linnu- ja kariloomade lihas: — induktiivsidestatud plasma optilise emissiooni spektromeetria (ICP-OES) meetod; — spektromeetriline meetod; — gravimeetriline meetod. ICP-OES meetodi puhul on avastamispiir (LOD) 1,0 mg/kg ja määramispiir (LOQ) 3,0 mg/kg, kui proovi kaalutis on 0,5 g ja lõppruumala 50 ml.

Keel: en

Alusdokumendid: ISO 23776:2021

Asendab dokumenti: EVS-ISO 2294:2000

EVS-ISO 7301:2021

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

See dokument kehtestab rahvusvahelises kaubanduses kasutatava riisi (*Oryza sativa* L.) miinimumnõuded. Seda kohaldatakse kooritud riisile ja kroovitud riisile (aromaatne ja mittearomaatne), kuumtöödeldud või mitte, mis on ette nähtud otsetarbimiseks. Seda ei kohaldata muudele riisist saadud toodetele ega vahajale riisile (liimjas riis).

Keel: en

Alusdokumendid: ISO 7301:2021

Asendab dokumenti: EVS-ISO 7301:2011

CEN ISO/TS 21596:2021

Solid biofuels - Determination of grindability - Hardgrove type method for thermally treated biomass fuels (ISO/TS 21596:2021)

This document describes a method for determination of grindability of graded thermally treated and densified biomass fuels such as classified in ISO/TS 17225-8, for the purposes of preparing fuels with a defined particle size distribution for effective combustion in pulverized fuel boilers. The grindability characteristics determined by the test method provide guidance as to the pulverizing mill performance when utilizing such fuels. Apart from pelletized materials as described in ISO/TS 17225-8, the method can also be applied to non-compressed or non-densified thermally treated biomass as specified in ISO 17225-1 Table 14 and Table 15. The results created with this method are not relevant for large wood chips, since limitations apply for large pulverizing coal mills, which are typically not used for grinding materials such as chips.

Keel: en

Alusdokumendid: CEN ISO/TS 21596:2021; ISO/TS 21596:2021

EVS-EN 13032-3:2021

Light and lighting - Measurement and presentation of photometric data of lamps and luminaires - Part 3: Presentation of data for emergency lighting of workplaces

This document specifies the required data for lamps and luminaires for the verification of conformity to the requirements of EN 1838. This document does not define the data requirements for signage, as these can be found in EN 1838. This document is used in conjunction with EN 13032-1 and EN 13032-4. This document specifies the requirements for emergency lighting with or without a replaceable light source. NOTE Product, safety and performance data can be found in CENELEC documents (see Bibliography).

Keel: en

Alusdokumendid: EN 13032-3:2021

Asendab dokumenti: EVS-EN 13032-3:2007

EVS-EN 16165:2021

Determination of slip resistance of pedestrian surfaces - Methods of evaluation

This document specifies test methods for determining the slip resistance of surfaces used by pedestrians. NOTE It is also possible to use this document for measurements where persons might walk on trafficked areas.

Keel: en

Alusdokumendid: EN 16165:2021

Asendab dokumenti: CEN/TS 16165:2016

EVS-EN 508-1:2021

Plekist katuse- ja seinakattetooted. Isekandvate terasest, alumiiniumist ja roostevabast terasest plekist valmistatud toodete spetsifikatsioon. Osa 1: Teras

Roofing and cladding products from metal sheet - Specification for self-supporting products of steel, aluminium or stainless steel sheet - Part 1: Steel

See standardi EN 508 osa esitab nõuded välise katuste ja seinte kattena (fassaadi kattena), vooderduse, kassettprofiilidena ja katusekiviprofiilidena kasutatavale, mittepidevalt (tükkidena) paigaldatavale isekandvale profileeritud metallkattega terasplekile, mis on täiendava orgaanilise pinnakattega või ilma. Samuti kuulub käsitlusalasse soojustusega ja membraaniga kaetud plekk. See dokument kehtestab üldised omadused, määratlused, klassifikatsiooni ning toodete sildistamise koos nõuetega materjalidele, millest neid tooteid võib valmistada. Standard on mõeldud kasutamiseks nii tootjatele, tagamaks toodete vastavuse nõuetele, kui ka ostjatele, veendumaks, et ostetud tooted vastavad nõuetele enne nende tehast väljastamist. Standard määratleb nõuded toodetele, mida on võimalik kasutada kõigis normaalses eksploatatsioonitingimustes. See dokument kehtib kõigile mittepidevalt paigaldatavatele isekandvatele väliskasutuse profileeritud katuseplaatidele, seinakatetele, vooderdustele ning kassettprofiilidele, välja arvatud katusekiviprofiiliga tooted, mille pind on väiksem kui 1 m² ning mis on toodetud stantsimise teel. Need profileeritud katuseplaadid on kujundatud, takistamaks tuule, vihma ja lume hoonesse sattumist ning edastamaks kõik summaarsed koormused ja harva esinevad hoolduskoormused kandekonstruktsioonile. See dokument ei hõlma kandekonstruktsiooniks ette nähtud tooteid, st see hõlmab konstruktsiooniklassi III kuuluvaid ehitistes kasutatavaid tooteid (standardi EN 1993-1-3 kohaselt), ei hõlma aga konstruktsiooniklassidesse I ja II kuuluvaid ehitistes kasutatavaid tooteid (standardi EN 1993-1-3 kohaselt), mis on ette nähtud hoone konstruktsiooni üldise või osalise stabiilsuse kindlustamiseks, tagades lõiketugevuse või vastupanu püsivatele staatilistele koormustele (välja arvatud pleki omakaal). Standard ei sisalda nõudeid kandekonstruktsiooni, katuse, seinakatte, vooderduse ja katusekiviprofiilide kujunduse ning ühenduste ja hüdroisolatsiooni teostuse kohta.

Keel: en, et

Alusdokumendid: EN 508-1:2021

Asendab dokumenti: EVS-EN 508-1:2014

EVS-EN 60335-2-21:2021/A1:2021

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-21: Erinõuded salvestusveesojenditele

Household and similar electrical appliances - Safety - Part 2-21: Particular requirements for storage water heaters

This European Standard deals with the safety of electric storage water heaters for household and similar purposes and intended for heating water below boiling temperature, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel: en

Alusdokumendid: IEC 60335-2-21:2012/A1:2018; EN 60335-2-21:2021/A1:2021

Muudab dokumenti: EVS-EN 60335-2-21:2021

EVS-EN ISO 10591:2021

Building and civil engineering sealants - Determination of adhesion/cohesion properties of sealants after immersion in water (ISO 10591:2021)

This document specifies a method for the determination of the influence of water on the adhesion/cohesion properties of sealants with predominantly plastic behaviour which are used in joints in buildings and civil engineering works.

Keel: en

Alusdokumendid: ISO 10591:2021; EN ISO 10591:2021

Asendab dokumenti: EVS-EN ISO 10591:2005

EVS-EN ISO 15874-3:2013/A2:2021

Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 3: Fittings - Amendment 2 (ISO 15874-3:2013/Amd 2:2021)

Amendment to EN ISO 15874-3:2013

Keel: en

Alusdokumendid: ISO 15874-3:2013/Amd 2:2021; EN ISO 15874-3:2013/A2:2021

Muudab dokumenti: EVS-EN ISO 15874-3:2013

EVS-EN ISO 15875-3:2004/A2:2021

Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 3: Fittings - Amendment 2 (ISO 15875-3:2003/Amd 2:2021)

Amendment to EN ISO 15875-3:2003

Keel: en

Alusdokumendid: ISO 15875-3:2003/Amd 2:2021; EN ISO 15875-3:2003/A2:2021

Muudab dokumenti: EVS-EN ISO 15875-3:2004

EVS-EN ISO 15876-3:2017/A2:2021

Plastics piping systems for hot and cold water installations - Polybutene (PB) - Part 3: Fittings - Amendment 2 (ISO 15876-3:2017/Amd 2:2021)

Amendment to EN ISO 15876-3:2017

Keel: en

Alusdokumendid: ISO 15876-3:2017/Amd 2:2021; EN ISO 15876-3:2017/A2:2021

Muudab dokumenti: EVS-EN ISO 15876-3:2017

EVS-EN ISO 21003-3:2008/A1:2021

Multilayer piping systems for hot and cold water installations inside buildings - Part 3: Fittings - Amendment 1 (ISO 21003-3:2008/Amd 1:2021)

Amendment to EN ISO 21003-3:2008

Keel: en

Alusdokumendid: ISO 21003-3:2008/Amd 1:2021; EN ISO 21003-3:2008/A1:2021

Muudab dokumenti: EVS-EN ISO 21003-3:2008

EVS-EN ISO 22391-3:2010/A2:2021

Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 3: Fittings - Amendment 2 (ISO 22391-3:2009/Amd 2:2021)

Amendment to EN ISO 22391-3:2009

Keel: en

Alusdokumendid: ISO 22391-3:2009/Amd 2:2021; EN ISO 22391-3:2009/A2:2021

Muudab dokumenti: EVS-EN ISO 22391-3:2010

EVS-EN 13286-41:2021**Unbound and hydraulically bound mixtures - Part 41: Test method for the determination of the compressive strength of hydraulically bound mixtures**

This document describes a test method for the determination of the compressive strength of specimens of hydraulically bound mixtures. This document applies to specimens manufactured in the laboratory or prepared from cores.

Keel: en

Alusdokumendid: EN 13286-41:2021

Asendab dokumenti: EVS-EN 13286-41:2003

EVS-EN 16165:2021**Determination of slip resistance of pedestrian surfaces - Methods of evaluation**

This document specifies test methods for determining the slip resistance of surfaces used by pedestrians. NOTE It is also possible to use this document for measurements where persons might walk on trafficked areas.

Keel: en

Alusdokumendid: EN 16165:2021

Asendab dokumenti: CEN/TS 16165:2016

EVS-EN 16432-3:2021**Raudteealased rakendused. Ballastita pealisehitus. Osa 3: Heakskii(mine) Railway applications - Ballastless track systems - Part 3: Acceptance**

This document specifies the implementation of ballastless track system designs and the criteria for the acceptance of works concerning construction of ballastless track systems. It does not include any criteria for inspecting, maintaining, repairing and replacing ballastless track systems during operation.

Keel: en

Alusdokumendid: EN 16432-3:2021

EVS-EN ISO 22391-3:2010/A2:2021**Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 3: Fittings - Amendment 2 (ISO 22391-3:2009/Amd 2:2021)**

Amendment to EN ISO 22391-3:2009

Keel: en

Alusdokumendid: ISO 22391-3:2009/Amd 2:2021; EN ISO 22391-3:2009/A2:2021

Muudab dokumenti: EVS-EN ISO 22391-3:2010

EVS-EN IEC 60335-2-25:2021**Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele, sealhulgas kombinatsioon-mikrolaineahjudele Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens**

This European Standard deals with the safety of microwave ovens for household and similar use, their rated voltage being not more than 250 V.

Keel: en

Alusdokumendid: IEC 60335-2-25:2020; EN IEC 60335-2-25:2021

Asendab dokumenti: EVS-EN 60335-2-25:2012

Asendab dokumenti: EVS-EN 60335-2-25:2012/A1:2015

Asendab dokumenti: EVS-EN 60335-2-25:2012/A2:2016

EVS-EN IEC 60335-2-25:2021/A11:2021**Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele, sealhulgas kombinatsioon- mikrolaineahjudele Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens**

Amendment to EN IEC 60335-2-25:2021

Keel: en

Alusdokumendid: EN IEC 60335-2-25:2021/A11:2021

Muudab dokumenti: EVS-EN IEC 60335-2-25:2021

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS-ISO 21500:2018

Projektijuhtimise juhised

Guidance on project management (ISO 21500:2012, identical)

Keel: en, et

Alusdokumendid: ISO 21500:2012

Asendatud järgmise dokumendiga: EVS-ISO 21500:2021

Asendatud järgmise dokumendiga: EVS-ISO 21502:2021

Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

CEN/TS 17305:2019

Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for saliva - Isolated human DNA

Keel: en

Alusdokumendid: CEN/TS 17305:2019

Asendatud järgmise dokumendiga: EVS-EN ISO 4307:2021

Standardi staatus: Kehtetu

EVS-EN 80001-1:2011

Riskijuhtimise rakendamine meditsiiniseadmeid sisaldavates IT-võrkudes. Osa 1: Rollid, vastutus ja tegevused

Application of risk management for IT-networks incorporating medical devices - Part 1: Roles, responsibilities and activities

Keel: en

Alusdokumendid: IEC 80001-1:2010; EN 80001-1:2011

Asendatud järgmise dokumendiga: EVS-EN IEC 80001-1:2021

Standardi staatus: Kehtetu

EVS-EN ISO 10535:2007

Tõstukid puuetega inimeste viimiseks ühest kohast teise. Nõuded ja katsemeetodid

Hoists for the transfer of disabled persons - Requirements and test methods

Keel: en

Alusdokumendid: ISO 10535:2006; EN ISO 10535:2006

Asendatud järgmise dokumendiga: EVS-EN ISO 10535:2021

Standardi staatus: Kehtetu

EVS-EN ISO 16256:2012

Clinical laboratory testing and in vitro diagnostic test systems - Reference method for testing the in vitro activity of antimicrobial agents against yeast of fungi involved in infectious diseases (ISO 16256:2012)

Keel: en

Alusdokumendid: ISO 16256:2012; EN ISO 16256:2012

Asendatud järgmise dokumendiga: EVS-EN ISO 16256:2021

Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 14373:2005

Plahvatuse summutamise süsteemid

Explosion suppression systems

Keel: en

Alusdokumendid: EN 14373:2005

Asendatud järgmise dokumendiga: EVS-EN 14373:2021

Standardi staatus: Kehtetu

EVS-EN 60335-2-25:2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele, sealhulgas kombinatsioon- mikrolaineahjudele Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens

Keel: en
Alusdokumendid: IEC 60335-2-25:2010; EN 60335-2-25:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-25:2021
Asendatud järgmise dokumendiga: prEN IEC 60335-2-25_fragment 5:2018
Asendatud järgmise dokumendiga: prEN IEC 60335-2-25_fragment 6:2018
Muudetud järgmise dokumendiga: EN 60335-2-25:2012/FprAA:2016
Muudetud järgmise dokumendiga: EVS-EN 60335-2-25:2012/A1:2015
Muudetud järgmise dokumendiga: EVS-EN 60335-2-25:2012/A2:2016
Standardi staatus: Kehtetu

EVS-EN 60335-2-25:2012/A2:2016

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele, sealhulgas kombinatsioon- mikrolaineahjudele Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens

Keel: en
Alusdokumendid: IEC 60335-2-25:2010/A2:2015; EN 60335-2-25:2012/A2:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-25:2021
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÖÖTMINE. FÜSIKALISED NÄHTUSED

CEN/TS 16165:2016

Determination of slip resistance of pedestrian surfaces - Methods of evaluation

Keel: en
Alusdokumendid: CEN/TS 16165:2016
Asendatud järgmise dokumendiga: EVS-EN 16165:2021
Standardi staatus: Kehtetu

EVS-EN 13032-3:2007

Measurement and presentation of photometric data of lamps and luminaries - Part 3: Presentation of data for emergency lighting of work places

Keel: en
Alusdokumendid: EN 13032-3:2007
Asendatud järgmise dokumendiga: EVS-EN 13032-3:2021
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 12284:2003

Külmetussüsteemid ja soojuspumbad. Ventiidid. Nõuded, testimine ja markeerimine Refrigerating systems and heat pumps - Valves - Requirements, testing and marking

Keel: en
Alusdokumendid: EN 12284:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 21922:2021
Standardi staatus: Kehtetu

EVS-EN 12516-2:2014

Tööstuslikud ventiilid. Korpuse tugevus. Osa 2: Terasest ventiilikorpuste arvutusmeetod Industrial valves - Shell design strength - Part 2: Calculation method for steel valve shells

Keel: en
Alusdokumendid: EN 12516-2:2014
Asendatud järgmise dokumendiga: EVS-EN 12516-2:2014+A1:2021
Standardi staatus: Kehtetu

EVS-EN 1439:2017

LPG equipment and accessories - Procedure for checking transportable refillable LPG cylinders before, during and after filling

Keel: en

Alusdokumendid: EN 1439:2017
Asendatud järgmise dokumendiga: EVS-EN 1439:2021
Standardi staatus: Kehtetu

EVS-EN 877:2000

Malmtorud ja nende fassoonosad hoonete heitvete kanaliseerimiseks. Nõuded, katsemeetodid ja kvaliteeditagamine

Cast iron pipes and fittings, their joints and accessories for the evacuation of water from buildings - Requirements, test methods and quality assurance

Keel: en
Alusdokumendid: EN 877:1999
Asendatud järgmise dokumendiga: EVS-EN 877:2021
Standardi staatus: Kehtetu

EVS-EN 877:2000/A1:2006

Malmtorud ja nende fassoonosad hoonete heitvete kanaliseerimiseks. Nõuded, katsemeetodid ja kvaliteeditagamine

Cast iron pipes and fittings, their joints and accessories for the evacuation of water from buildings - Requirements, test methods and quality assurance

Keel: en
Alusdokumendid: EN 877:1999/A1:2006
Asendatud järgmise dokumendiga: EVS-EN 877:2021
Parandatud järgmise dokumendiga: EVS-EN 877:2000/A1:2006/AC:2008
Standardi staatus: Kehtetu

EVS-EN 877:2000/A1:2006/AC:2008

Malmtorud ja nende fassoonosad hoonete heitvete kanaliseerimiseks. Nõuded, katsemeetodid ja kvaliteeditagamine

Cast iron pipes and fittings, their joints and accessories for the evacuation of water from buildings - Requirements, test methods and quality assurance

Keel: en
Alusdokumendid: EN 877:1999/A1:2006/AC:2008
Asendatud järgmise dokumendiga: EVS-EN 877:2021
Muudetud järgmise dokumendiga: EVS-EN 877:2000/A1:2006
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOGIA

EVS-EN ISO 15614-12:2014

Metallide keevitusprotseduuride spetsifitseerimine ja kvalifitseerimine. Keevituse protseduuri katse. Osa 12: Punkt-, joon- ja projektsioonkeevitus

Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 12: Spot, seam and projection welding (ISO 15614-12:2014)

Keel: en, et
Alusdokumendid: ISO 15614-12:2014; EN ISO 15614-12:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 15614-12:2021
Standardi staatus: Kehtetu

EVS-EN ISO 4524-3:1999

Metallkatted. Katsemeetodid kullast ja kullasulamist galvaanikatete korral. Osa 3: Poorsuse elektrograafiline mõõtmine

Metallic coatings - Test methods for electrodeposited gold and gold alloy coatings - Part 3: Electrographic tests for porosity

Keel: en
Alusdokumendid: ISO 4524-3:1985; EN ISO 4524-3:1995
Asendatud järgmise dokumendiga: EVS-EN ISO 4524-3:2021
Standardi staatus: Kehtetu

EVS-EN 60086-5:2016

Primary batteries - Part 5: Safety of batteries with aqueous electrolyte

Keel: en

Alusdokumendid: IEC 60086-5:2016; EN 60086-5:2016

Asendatud järgmise dokumendiga: EVS-EN IEC 60086-5:2021

Standardi staatus: Kehtetu

EVS-EN 61936-1:2010

Tugevvolupaigaldised nimivahelduvpingega üle 1 kV. Osa 1: Üldnõuded

Power installations exceeding 1 kV a.c. - Part 1: Common rules (IEC 61936-1:2010, modified)

Keel: en, et

Alusdokumendid: IEC 61936-1:2010; IEC 61936-1/Cor 1:2011; EN 61936-1:2010; EN 61936-1:2010/AC:2011; EN 61936-1:2010/AC:2012; EN 61936-1:2010/AC:2013

Asendatud järgmise dokumendiga: EVS-EN IEC 61936-1:2021

Muudetud järgmise dokumendiga: EVS-EN 61936-1:2010/A1:2014

Parandatud järgmise dokumendiga: EVS-EN 61936-1:2010/AC:2011

Parandatud järgmise dokumendiga: EVS-EN 61936-1:2010/AC:2012

Parandatud järgmise dokumendiga: EVS-EN 61936-1:2010/AC:2013

Standardi staatus: Kehtetu

EVS-EN 61936-1:2010/A1:2014

Tugevvolupaigaldised nimivahelduvpingega üle 1 kV. Osa 1: Üldnõuded

Power installations exceeding 1 kV a.c. - Part 1: Common rules

Keel: en, et

Alusdokumendid: IEC 61936-1:2010/A1:2014; EN 61936-1:2010/A1:2014

Asendatud järgmise dokumendiga: EVS-EN IEC 61936-1:2021

Standardi staatus: Kehtetu

EVS-EN 61936-1:2010/AC:2011

Power installations exceeding 1 kV a.c. - Part 1: Common rules

Keel: en

Alusdokumendid: EN 61936-1:2010/AC:2011

Asendatud järgmise dokumendiga: EVS-EN IEC 61936-1:2021

Standardi staatus: Kehtetu

EVS-EN 61936-1:2010/AC:2013

Tugevvolupaigaldised nimivahelduvpingega üle 1 kV. Osa 1: Üldnõuded

Power installations exceeding 1 kV a.c. - Part 1: Common rules

Keel: en, et

Alusdokumendid: EN 61936-1:2010/AC:2013

Asendatud järgmise dokumendiga: EVS-EN IEC 61936-1:2021

Standardi staatus: Kehtetu

EVS-EN 61936-1:2010+A1:2014

Tugevvolupaigaldised nimivahelduvpingega üle 1 kV. Osa 1: Üldnõuded

Power installations exceeding 1 kV a.c. - Part 1: Common rules

Keel: en, et

Alusdokumendid: IEC 61936-1:2010; EN 61936-1:2010/AC:2013; EN 61936-1:2010/AC:2012; EN 61936-1:2010/AC:2011; EN 61936-1:2010/A1:2014; EN 61936-1:2010; IEC 61936-1/Cor 1:2011; IEC 61936-1/Amd 1:2014

Asendatud järgmise dokumendiga: EVS-EN IEC 61936-1:2021

Standardi staatus: Kehtetu

EVS-EN 62868:2015

Orgaanilised üldvalgustus-valgusdiiodpaneelid. Ohutusnõuded

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

Keel: en

Alusdokumendid: IEC 62868:2014; EN 62868:2015

Asendatud järgmise dokumendiga: EVS-EN IEC 62868-1:2021

Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN IEC 63041-1:2018

Piezoelectric Sensors - Part 1: Generic Specifications

Keel: en

Alusdokumendid: IEC 63041-1:2017; EN IEC 63041-1:2018

Asendatud järgmise dokumendiga: EVS-EN IEC 63041-1:2021

Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 61753-101-3:2008

Fibre optic interconnecting devices and passive components - Performance standard -- Part 101-3: Fibre management systems for category U - Uncontrolled environment

Keel: en

Alusdokumendid: IEC 61753-101-3:2008; EN 61753-101-3:2008

Asendatud järgmise dokumendiga: EVS-EN IEC 61753-101-03:2021

Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS-EN 80001-1:2011

Riski juhtimise rakendamine meditsiiniseadmeid sisaldavates IT-võrkudes. Osa 1: Rollid, vastutus ja tegevused

Application of risk management for IT-networks incorporating medical devices - Part 1: Roles, responsibilities and activities

Keel: en

Alusdokumendid: IEC 80001-1:2010; EN 80001-1:2011

Asendatud järgmise dokumendiga: EVS-EN IEC 80001-1:2021

Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 4613:2009

Aerospace series - Spherical plain bearings in corrosion resisting steel with self-lubricating liner, narrow series - Dimensions and loads - Inch series

Keel: en

Alusdokumendid: EN 4613:2009

Asendatud järgmise dokumendiga: EVS-EN 4613:2021

Standardi staatus: Kehtetu

EVS-EN 4614:2009

Aerospace series - Spherical plain bearings in corrosion resisting steel with self-lubricating liner, wide series - Dimensions and loads - Inch series

Keel: en

Alusdokumendid: EN 4614:2009

Asendatud järgmise dokumendiga: EVS-EN 4614:2021

Standardi staatus: Kehtetu

53 TÖSTE- JA TEISALDUS-SEADMED

EVS-EN ISO 3691-6:2015

Industrial trucks - Safety requirements and verification - Part 6: Burden and personnel carriers (ISO 3691-6:2013)

Keel: en

Alusdokumendid: EN ISO 3691-6:2015; ISO 3691-6:2013

Asendatud järgmise dokumendiga: EVS-EN ISO 3691-6:2021

Muudetud järgmise dokumendiga: EN ISO 3691-6:2015/prA1

Parandatud järgmise dokumendiga: EVS-EN ISO 3691-6:2015/AC:2016

Standardi staatus: Kehtetu

EVS-EN ISO 3691-6:2015/AC:2016

Industrial trucks - Safety requirements and verification - Part 6: Burden and personnel carriers (ISO 3691-6:2013)

Keel: en
Alusdokumendid: EN ISO 3691-6:2015/AC:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 3691-6:2021
Standardi staatus: Kehtetu

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 14854:2006

Aerosol containers - Glass containers - Dimensions of the neck finish

Keel: en
Alusdokumendid: EN 14854:2005
Asendatud järgmise dokumendiga: EVS-EN 14854:2021
Standardi staatus: Kehtetu

EVS-EN 15421:2007

Packaging - Flexible aluminium tubes - Determination of the adhesion of the internal and external protective lacquering

Keel: en
Alusdokumendid: EN 15421:2007
Asendatud järgmise dokumendiga: EVS-EN 15421:2021
Standardi staatus: Kehtetu

EVS-EN 16285:2013

Packaging - Flexible aluminium tubes - Test method to measure the deformation of the aluminium tube body (Guillotine test)

Keel: en
Alusdokumendid: EN 16285:2013
Asendatud järgmise dokumendiga: EVS-EN 16285:2021
Standardi staatus: Kehtetu

65 PÖLLUMAJANDUS

EVS-ISO 10315:2013

Sigaretid. Nikotiinisalduse määramine suitsukondensaatides. Gaaskromatograafiline meetod Cigarettes - Determination of nicotine in smoke condensates - Gas-chromatographic method (ISO 10135:2013)

Keel: en
Alusdokumendid: ISO 10315:2013
Asendatud järgmise dokumendiga: EVS-ISO 10315:2021
Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

EVS-ISO 2294:2000

Liha ja lihatooted. Üldfosfori sisalduse määramine (põhimeetod) Meat and meat products - Determination of total phosphorus content (Reference method)

Keel: en, et
Alusdokumendid: ISO 2294:1974
Asendatud järgmise dokumendiga: EVS-ISO 23776:2021
Standardi staatus: Kehtetu

EVS-ISO 7301:2011

Riis. Tehnilised tingimused Rice - Specification

Keel: en, et
Alusdokumendid: ISO 7301:2011
Asendatud järgmise dokumendiga: EVS-ISO 7301:2021
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 13032-3:2007

Measurement and presentation of photometric data of lamps and luminaries - Part 3: Presentation of data for emergency lighting of work places

Keel: en
Alusdokumendid: EN 13032-3:2007
Asendatud järgmise dokumendiga: EVS-EN 13032-3:2021
Standardi staatus: Kehtetu

EVS-EN 508-1:2014

Plekist katusetooted ja välisseina vooderdustooted. Isekandvate terasest, alumiiniumist ja roosteabast terasest plekist valmistatud toodete spetsifikatsioon. Osa 1: Teras Roofing and cladding products from metal sheet - Specification for self-supporting of steel, aluminium or stainless steel sheet - Part 1: Steel

Keel: en, et
Alusdokumendid: EN 508-1:2014
Asendatud järgmise dokumendiga: EVS-EN 508-1:2021
Standardi staatus: Kehtetu

EVS-EN ISO 10591:2005

Ehitamine. Tihendusmaterjalid. Nakkeomaduste ja nidususe määramine pärast vettekastmist Building construction - Sealants - Determination of adhesion/cohesion properties of sealants after immersion in water

Keel: en
Alusdokumendid: ISO 10591:2005; EN ISO 10591:2005
Asendatud järgmise dokumendiga: EVS-EN ISO 10591:2021
Standardi staatus: Kehtetu

93 RAJATISED

CEN/TS 16165:2016

Determination of slip resistance of pedestrian surfaces - Methods of evaluation

Keel: en
Alusdokumendid: CEN/TS 16165:2016
Asendatud järgmise dokumendiga: EVS-EN 16165:2021
Standardi staatus: Kehtetu

EVS-EN 13286-41:2003

Unbound and hydraulically bound mixtures - Part 41: Test method for the determination of the compressive strength of hydraulically bound mixtures

Keel: en
Alusdokumendid: EN 13286-41:2003
Asendatud järgmise dokumendiga: EVS-EN 13286-41:2021
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 60335-2-25:2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele, sealhulgas kombinatsioon- mikrolaineahjudele Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens

Keel: en
Alusdokumendid: IEC 60335-2-25:2010; EN 60335-2-25:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-25:2021
Asendatud järgmise dokumendiga: prEN IEC 60335-2-25_fragment 5:2018
Asendatud järgmise dokumendiga: prEN IEC 60335-2-25_fragment 6:2018
Muudetud järgmise dokumendiga: EN 60335-2-25:2012/FprAA:2016
Muudetud järgmise dokumendiga: EVS-EN 60335-2-25:2012/A1:2015
Muudetud järgmise dokumendiga: EVS-EN 60335-2-25:2012/A2:2016
Standardi staatus: Kehtetu

EVS-EN 60335-2-25:2012/A1:2015

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele, sealhulgas kombinatsioon- mikrolaineahjudele
Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens

Keel: en

Alusdokumendid: IEC 60335-2-25:2010/A1:2014; EN 60335-2-25:2012/A1:2015

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-25:2021

Standardi staatus: Kehtetu

EVS-EN 60335-2-25:2012/A2:2016

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele, sealhulgas kombinatsioon- mikrolaineahjudele
Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens

Keel: en

Alusdokumendid: IEC 60335-2-25:2010/A2:2015; EN 60335-2-25:2012/A2:2016

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-25:2021

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 huvitatul 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 arvamusküsitlusele 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 kommenteerimisportaalil: <https://www.evs.ee/kommenteerimisportaal/>

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS 807:2016/prA2

Kinnisvarakeskkonna juhtimine ja korrashoid Management and Maintenance of Facilities

Standardi EVS 807:2016 muudatus.

Keel: et

Muudab dokumenti: EVS 807:2016

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN ISO 4210-1

Cycles - Safety requirements for bicycles - Part 1: Terms and definitions (ISO/DIS 4210-1:2021)

This part of ISO 4210 specifies terms and definitions related to safety and performance requirements for the design, assembly, and testing of bicycles and sub-assemblies having saddle height as given in Table 1. This part of ISO 4210 does not apply to specialized types of bicycle such as delivery bicycles, recumbent bicycles, tandems, BMX bicycles, and bicycles designed and equipped for use in severe applications such as sanctioned competition events, stunting, or aerobatic manoeuvres. NOTE For bicycles with a maximum saddle height of 435 mm or less, see ISO 8124-1, and with a maximum saddle height of more than 435 mm and less than 635 mm, see ISO 8098.

Keel: en

Alusdokumendid: ISO/DIS 4210-1; prEN ISO 4210-1

Asendab dokumenti: EVS-EN ISO 4210-1:2014

Arvamusküsitluse lõppkuupäev: 13.01.2022

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

EVS 807:2016/prA2

Kinnisvarakeskkonna juhtimine ja korrashoid Management and Maintenance of Facilities

Standardi EVS 807:2016 muudatus.

Keel: et

Muudab dokumenti: EVS 807:2016

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 17748-1

Foundational Body of Knowledge for the ICT Profession (ICT BoK) - Part 1: Body of Knowledge

This document will provide a generic underpinning body of knowledge shared by all ICT professionals regardless of speciality. It will establish a cornerstone of professionalism, changing the nature of ICT occupations from isolated areas of specialised knowledge to sharing of connected common knowledge leading to enhanced provision of products and services. This document will exclude the IT user community but will cover ICT professionals defined by EN 16234-1. It will support Information and

Communication Technology (ICT) stakeholders, in particular: — ICT service, demand and supply organisations; — ICT professionals, managers and human resource (HR) departments; — vocational education institutions and training bodies including higher education; — social partners (trade unions and employer associations); — professional associations, accreditation, validation and assessment bodies; — market analysts and policy makers; and — other organisations and stakeholders in public and private sectors by applying the document as a reference standard.

Keel: en

Alusdokumendid: prEN 17748-1

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN IEC 61124:2021

Reliability testing - Compliance tests for constant failure rate and constant failure intensity

This International Standard gives a number of optimized test plans, the corresponding border lines and characteristics. In addition the algorithms for designing test plans using a spreadsheet program are also given, together with guidance on how to choose test plans. This standard specifies procedures to test whether an observed value of - failure rate, - failure intensity, - mean operating time to failure (MTTF), - mean operating time between failures (MTBF), conforms to a given requirement. It is assumed, except where otherwise stated, that during the accumulated test time, the times to failure or the operating times between failures are independent and identically exponentially distributed. This assumption implies that the failure rate or failure intensity is assumed to be constant. Four types of test plans are described as follows: - truncated sequential probability ratio test (SPRT); - fixed time/failure terminated test (FTFT); - fixed calendar time terminated test without replacement; - combined test. This standard does not cover guidance on how to plan, perform, analyse and report a test. This information can be found in IEC 60300-3-5. This standard does not describe test conditions. This information can be found in IEC 60605-2 and in IEC 60300-3-5.

Keel: en

Alusdokumendid: IEC 61124 ED4; prEN IEC 61124:2021

Asendab dokumenti: EVS-EN 61124:2012

Asendab dokumenti: EVS-EN 61124:2012/AC:2013

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN ISO 22361

Security and resilience - Crisis management - Guidelines for a strategic capability (ISO/DIS 22361:2021)

This document provides guidance on good practice for crisis management to help the strategic decision makers of an organization to plan, implement, establish, operate, monitor, review, maintain and continually improve a crisis management capability. It is intended for any organization regardless of location, size, type, industry, structure, or sector. This document provides guidance for: — understanding the context and challenges of crisis management; — developing an organization's crisis management capability through preparedness (see 5.5); — recognizing the complexities facing a crisis team in action; — communicating successfully during a crisis; and — reviewing and learning. It is intended for management with strategic responsibilities for the delivery of a crisis management capability. It is for those who operate under the direction and within policy of top management in: — implementing the crisis plans and structures; and — maintaining and assuring the procedures associated with the capability. It is not intended for emergency and incident response - these require the application of operational procedures whereas crisis management relies on an adaptive, agile, and flexible strategic response). It does not cover interoperability or command and control or business continuity management systems. While it is important to be aware of human and cultural factors as they can cause stress when working as individuals and as part of groups, it is not the purpose of this document to examine aspects of these areas in detail.

Keel: en

Alusdokumendid: ISO/DIS 22361; prEN ISO 22361

Asendab dokumenti: CEN/TS 17091:2018

Arvamusküsitluse lõppkuupäev: 13.01.2022

11 TERVISEHOOLDUS

prEN 61010-2-101:2017/prA11

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

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

Keel: en

Alusdokumendid: prEN 61010-2-101:2017/prA11

Muudab dokumenti: prEN 61010-2-101:2017

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN ISO 12417-1

Cardiovascular implants and extracorporeal systems - Vascular device-drug combination products - Part 1: General requirements (ISO/DIS 12417-1:2021)

This part of ISO 12417 specifies requirements for vascular device-drug combination products (VDDCPs) based upon current technical and medical knowledge. VDDCPs are medical devices with various clinical indications for use in the human vascular

blood system. A VDDCP incorporates, as an integral part, substance(s) which, if used separately, can be considered to be a medicinal substance or product (drug substance, drug product) but the action of the medicinal substance is ancillary to that of the device and supports the primary mode of action (PMOA) of the device. With regard to safety, this part of ISO 12417 outlines requirements for intended performance, design attributes, materials, design evaluation, manufacturing, sterilization, packaging, and information supplied by the manufacturer. For implanted products, this International Standard should be considered as a supplement to ISO 14630, which specifies general requirements for the performance of non-active surgical implants. This International Standard should also be considered as a supplement to relevant device-specific standards, such as the ISO 25539-series specifying requirements for endovascular devices. Requirements listed in this part of ISO 12417 also address VDDCPs that are not permanent implants. NOTE Due to variations in the design of combination products covered by this part of ISO 12417 and due to the relatively recent development of some of these combination products, acceptable standardized in vitro test results and clinical study results are not always available. As further scientific and clinical data become available, appropriate revision of this part of ISO 12417 might be necessary. Delivery systems or parts of the delivery system are included in the scope of this part of ISO 12417, if they comprise an integral component of the vascular device and if they are drug-covered (e.g. drug-covered balloon catheters and drug-covered guidewires). Devices whose PMOA is to provide a conduit for delivery of a drug, are excluded from the scope of this part of ISO 12417 (e.g. infusion catheters), unless they contain a drug component that is intended to have an ancillary action to the device part (e.g. antimicrobial coated infusion catheter). Procedures and devices used prior to and following the introduction of the VDDCP (e.g. balloon angioplasty devices) are excluded from the scope of this part of ISO 12417 if they do not affect the drug-related aspects of the device. This part of ISO 12417 is not comprehensive with respect to the pharmacological evaluation of VDDCPs. Some information on the requirements of different national and regional authorities is given in Annex B. Absorbable components of VDDCPs (e.g. coatings) are addressed by this part of ISO 12417 in their connection with drug-related aspects of the device. Degradation and other time-dependent aspects of absorbable implants and coatings are not completely addressed by this part of ISO 12417. NOTE See also ISO/TS 17137 and ASTM F3036-13. This part of ISO 12417 does not address issues associated with viable or non-viable biological materials such as tissues, cells, or proteins. This part of ISO 12417 does not address issues associated with active surgical implants (i.e. implants that require power not generated by the human body or gravity).

Keel: en

Alusdokumendid: ISO/DIS 12417-1; prEN ISO 12417-1

Asendab dokumenti: EVS-EN ISO 12417-1:2015

Arvamusküsitluse lõppkuupäev: 13.01.2022

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN ISO 21420:2020/prA1

Protective gloves - General requirements and test methods - Amendment 1 (ISO 21420:2020/DAM 1:2021)

Amendment to EN ISO 21420:2020

Keel: en

Alusdokumendid: ISO 21420:2020/DAMd 1; EN ISO 21420:2020/prA1

Muudab dokumenti: EVS-EN ISO 21420:2020

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 13077

Devices to prevent pollution by backflow of potable water - Air gap with non-circular overflow (unrestricted) - Family A - Type B

This document specifies the characteristics and the requirements of air gap with non-circular overflow (unrestricted) Family A, Type B for nominal flow velocity not exceeding 3 m/s. Air gaps are devices for protection of potable water in water installations from pollution by backflow. This document applies to air gaps in factory-assembled products and to constructed air gaps in situ and defines requirements and methods to verify and ensure compliance with this document during normal working use. The fluid in the receiving vessel is assumed to have similar properties to the water supply. Where this is not the case, additional care or tests could be required to verify the efficacy of the solution in practical use.

Keel: en

Alusdokumendid: prEN 13077

Asendab dokumenti: EVS-EN 13077:2018

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN ISO 13163

Water quality - Lead-210 - Test method using liquid scintillation counting (ISO 13163:2021)

This document specifies a method for the measurement of ²¹⁰Pb in all types of waters by liquid scintillation counting (LSC). The method is applicable to test samples of supply/drinking water, rainwater, surface and ground water, as well as cooling water, industrial water, domestic, and industrial wastewater after proper sampling and handling, and test sample preparation. Filtration of the test sample is necessary. Lead-210 activity concentration in the environment can vary and usually ranges from 2 mBq l⁻¹ to 300 mBq l⁻¹ [27][28]. Using currently available liquid scintillation counters, the limit of detection of this method for ²¹⁰Pb is generally of the order of 20 mBq l⁻¹ to 50 mBq l⁻¹, which is lower than the WHO criteria for safe consumption of drinking water (100 mBq l⁻¹). [4][6] These values can be achieved with a counting time between 180 min and 720 min for a sample volume from 0,5 l to 1,5 l. Higher activity concentrations can be measured by either diluting the sample or using smaller sample aliquots or both. The method presented in this document is not intended for the determination of an ultra-trace amount of ²¹⁰Pb. The range of application depends on the amount of dissolved material in the water and on the performance characteristics of the measurement equipment (background count rate and counting efficiency). The method described in this document is applicable

to an emergency situation. The analysis of Pb adsorbed to suspended matter is not covered by this method. It is the user's responsibility to ensure the validity of this test method for the water samples tested.

Keel: en

Alusdokumendid: ISO 13163:2021; prEN ISO 13163

Asendab dokumenti: EVS-EN ISO 13163:2019

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN ISO 4484-1

Textiles and textile products - Microplastics from textile sources - Part 1: Determination of material loss from fabrics during washing (ISO/DIS 4484-1:2021)

The method provides a means of systematically evaluating fibre loss during washing. Consideration has been given to best representation of realistic laundry conditions, to achieve comparable and accurate results. The method is designed to assess both synthetic and natural fiber loss.

Keel: en

Alusdokumendid: ISO/DIS 4484-1; prEN ISO 4484-1

Arvamusküsitluse lõppkuupäev: 13.01.2022

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

prEN ISO 13163

Water quality - Lead-210 - Test method using liquid scintillation counting (ISO 13163:2021)

This document specifies a method for the measurement of ²¹⁰Pb in all types of waters by liquid scintillation counting (LSC). The method is applicable to test samples of supply/drinking water, rainwater, surface and ground water, as well as cooling water, industrial water, domestic, and industrial wastewater after proper sampling and handling, and test sample preparation. Filtration of the test sample is necessary. Lead-210 activity concentration in the environment can vary and usually ranges from 2 mBq l⁻¹ to 300 mBq l⁻¹ [27][28]. Using currently available liquid scintillation counters, the limit of detection of this method for ²¹⁰Pb is generally of the order of 20 mBq l⁻¹ to 50 mBq l⁻¹, which is lower than the WHO criteria for safe consumption of drinking water (100 mBq l⁻¹).[4][6] These values can be achieved with a counting time between 180 min and 720 min for a sample volume from 0,5 l to 1,5 l. Higher activity concentrations can be measured by either diluting the sample or using smaller sample aliquots or both. The method presented in this document is not intended for the determination of an ultra-trace amount of ²¹⁰Pb. The range of application depends on the amount of dissolved material in the water and on the performance characteristics of the measurement equipment (background count rate and counting efficiency). The method described in this document is applicable to an emergency situation. The analysis of Pb adsorbed to suspended matter is not covered by this method. It is the user's responsibility to ensure the validity of this test method for the water samples tested.

Keel: en

Alusdokumendid: ISO 13163:2021; prEN ISO 13163

Asendab dokumenti: EVS-EN ISO 13163:2019

Arvamusküsitluse lõppkuupäev: 13.01.2022

19 KATSETAMINE

prEN 61010-2-101:2017/prA11

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

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

Keel: en

Alusdokumendid: prEN 61010-2-101:2017/prA11

Muudab dokumenti: prEN 61010-2-101:2017

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN IEC 61124:2021

Reliability testing - Compliance tests for constant failure rate and constant failure intensity

This International Standard gives a number of optimized test plans, the corresponding border lines and characteristics. In addition the algorithms for designing test plans using a spreadsheet program are also given, together with guidance on how to choose test plans. This standard specifies procedures to test whether an observed value of - failure rate, - failure intensity, - mean operating time to failure (MTTF), - mean operating time between failures (MTBF), conforms to a given requirement. It is assumed, except where otherwise stated, that during the accumulated test time, the times to failure or the operating times between failures are independent and identically exponentially distributed. This assumption implies that the failure rate or failure intensity is assumed to be constant. Four types of test plans are described as follows: - truncated sequential probability ratio test (SPRT); - fixed time/failure terminated test (FTFT); - fixed calendar time terminated test without replacement; - combined test. This standard does not cover guidance on how to plan, perform, analyse and report a test. This information can be found in IEC 60300-3-5. This standard does not describe test conditions. This information can be found in IEC 60605-2 and in IEC 60300-3-5.

Keel: en

Alusdokumendid: IEC 61124 ED4; prEN IEC 61124:2021
Asendab dokumenti: EVS-EN 61124:2012
Asendab dokumenti: EVS-EN 61124:2012/AC:2013
Arvamusküsitluse lõppkuupäev: 13.01.2022

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

prEN IEC 61124:2021

Reliability testing - Compliance tests for constant failure rate and constant failure intensity

This International Standard gives a number of optimized test plans, the corresponding border lines and characteristics. In addition the algorithms for designing test plans using a spreadsheet program are also given, together with guidance on how to choose test plans. This standard specifies procedures to test whether an observed value of - failure rate, - failure intensity, - mean operating time to failure (MTTF), - mean operating time between failures (MTBF), conforms to a given requirement. It is assumed, except where otherwise stated, that during the accumulated test time, the times to failure or the operating times between failures are independent and identically exponentially distributed. This assumption implies that the failure rate or failure intensity is assumed to be constant. Four types of test plans are described as follows: - truncated sequential probability ratio test (SPRT); - fixed time/failure terminated test (FTFT); - fixed calendar time terminated test without replacement; - combined test. This standard does not cover guidance on how to plan, perform, analyse and report a test. This information can be found in IEC 60300-3-5. This standard does not describe test conditions. This information can be found in IEC 60605-2 and in IEC 60300-3-5.

Keel: en

Alusdokumendid: IEC 61124 ED4; prEN IEC 61124:2021
Asendab dokumenti: EVS-EN 61124:2012
Asendab dokumenti: EVS-EN 61124:2012/AC:2013

Arvamusküsitluse lõppkuupäev: 13.01.2022

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN 16903

Plastics piping systems - Environmental product declarations - Product Category Rules complementary to EN 15804, for buried plastics piping systems

This document provides product category rules (PCR) for Type III environmental product declarations, as described in EN ISO 14025 and EN 15942, for "buried plastics piping systems" intended for buried pressure and non-pressure applications outside building structure. This PCR covers the entire life cycle from cradle to grave for buried plastics piping systems conveying fluids (sewer, water or gas), according to EN 12007, EN 805 or EN 476. NOTE The PCR will be applied to systems composed of products covered by the list of product standards provided in Annex D. This document specifies the rules for the product category of construction products as defined in and is intended to be used in conjunction with EN 15804. As in EN 15804:2012+A2:2019, in addition to the common parts of EN 15804, this document for buried plastics piping systems defines: - the functional unit; - the system boundaries; - the elements of installation; - the transport scenarios for both the raw material and the complete system; - the trench conditions; - reference service life (RSL); - end of life scenarios.

Keel: en

Alusdokumendid: prEN 16903

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 16904

Plastics piping systems - Environmental product declarations - Product Category rules complementary to EN 15804, for plastic piping systems inside buildings

This document provides product category rules (PCR) for Type III environmental product declarations (EPD) as described in EN ISO 14025 and EN 15942 for "plastics piping systems" intended for hot and cold pressure, cold pressure, and soil and waste non-pressure applications inside buildings. This PCR covers the entire life cycle from cradle to grave. NOTE The PCR will be applied to all products covered by CEN/TC 155 in this application. A list of product standards is provided in Annex D. This document specifies the rules for the product category of construction products as defined in and is intended to be used in conjunction with EN 15804. In addition to the common parts of EN 15804, this document for European plastics piping systems inside building defines: - the functional unit; - the system boundaries; - the elements and conditions of installations; - the transport scenarios for both the raw materials and complete systems; - the reference service life (RSL); - end of life scenarios.

Keel: en

Alusdokumendid: prEN 16904

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 19

Industrial valves - Marking of metallic valves

This document specifies the requirements for marking of industrial metallic valves. It defines the method of applying the markings, on the body, on a flange, on an identification plate or any other location. When specified as a normative reference in a valve product or performance standard, this document is considered in conjunction with the specified requirements of that valve product or performance standard. The marking requirements for plastic valves are not within the scope of this document.

Keel: en

Alusdokumendid: prEN 19
Asendab dokumenti: EVS-EN 19:2016
Arvamusküsitluse lõppkuupäev: 13.01.2022

29 ELEKTROTEHNIKA

EN 61951-2:2017/prA1:2021

Secondary cells and batteries containing alkaline or other non acid electrolytes - Secondary sealed cells and batteries for portable applications - Part 2: Nickel-metal hydride

Amendment to EN 61951-2:2017

Keel: en

Alusdokumendid: IEC 61951-2/AMD1 ED4; EN 61951-2:2017/prA1:2021
Muudab dokumenti: EVS-EN 61951-2:2017

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 50160

Voltage characteristics of electricity supplied by public distribution networks

1.1 Scope This document specifies the main characteristics of the voltage at a network user's supply terminals in public low voltage, medium, high, and extra-high voltage AC electricity networks under normal operating conditions. This document specifies the limits or values within which the voltage characteristics can be expected to remain at any supply terminal in public European electricity networks, only. NOTE 1 If non-public networks (e.g. residential quarters, energy communities, office centres, shopping centres) have similar end-users as public networks, it is strongly advised to apply the same requirements as for public networks. NOTE 2 Industrial networks are excluded from the scope of EN 50160, only the connection to the supply terminals of the public network is relevant, here. This document does not apply under abnormal operating conditions, including the following: a) a temporary supply arrangement to keep network users supplied during conditions arising as a result of a fault, maintenance and construction work, or to minimize the extent and duration of a loss of supply. b) in the case of non-compliance of a network user's installation or equipment with the relevant standards or with the technical requirements for connection, established either by the public authorities or the network operator, including the limits for the emission of conducted disturbances. NOTE 4 A network user's installation can include load and generation. c) in exceptional situations, in particular: 1) exceptional weather conditions and other natural disasters; 2) third party interference; 3) acts by public authorities, 4) industrial actions (subject to legal requirements); 5) force majeure; 6) power shortages resulting from external events. The voltage characteristics given in this document refer to conducted disturbances in public electric power networks. They are not intended to be used as electromagnetic compatibility (EMC) levels or product emission limits. Power quality is related to EMC in several ways – especially because compliance with power quality requirements depends on the control of cumulative effect of electromagnetic emissions from all/multiple equipment and/or installations. Therefore, the voltage characteristics given in this document gives guidance for specifying requirements in equipment product standards and in installation standards. NOTE 5 The performance of equipment might be impaired if it is subjected to supply conditions which are not specified in the equipment product standard. NOTE 6 This document can be superseded in total or in part by the terms of a contract between the individual network user and the network operator. NOTE 7 The sharing of complaint management and problem mitigation costs between the involved parties is outside the scope of EN 50160. Measurement methods to be applied in this document are described in EN 61000 4 30. 1.2 Object The object of this document is to define, describe and specify the characteristics of the supply voltage concerning: a) Frequency; b) Magnitude; c) Waveform; d) Symmetry of the line voltages. This document also covers the continuous characteristics of the supply voltage and other foreseeable phenomena which may influence the voltage characteristics, such as e.g. operational communication, monitoring or measurement signals which are transmitted via power lines. These characteristics are subject to variations during the normal operation of a supply system due to changes of load, disturbances generated by certain equipment and the occurrence of faults which are mainly caused by external events. The characteristics vary in a manner which is random in time, with reference to any specific supply terminal, and random in location, with reference to any given instant of time. Because of these variations, the values given in this document for the characteristics can be expected to be exceeded on a small number of occasions. [...]

Keel: en

Alusdokumendid: prEN 50160
Asendab dokumenti: EVS-EN 50160:2010
Asendab dokumenti: EVS-EN 50160:2010/A1:2015
Asendab dokumenti: EVS-EN 50160:2010/A2:2019
Asendab dokumenti: EVS-EN 50160:2010/A3:2019
Asendab dokumenti: EVS-EN 50160:2010/AC:2011
Asendab dokumenti: EVS-EN 50160:2010+A1:2015
Asendab dokumenti: EVS-EN 50160:2010+A1+A2+A3:2019

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN IEC 60598-2-2:2021

Luminaires - Part 2-2: Particular requirements - Recessed luminaires

This part of IEC 60598 specifies requirements for recessed luminaires incorporating electric light sources for operation from supply voltages up to 1 000 V. It also specifies requirements for recessed air-handling luminaires for use with a ventilation duct or ventilated space (plenum). NOTE The expressions "ventilation" and "ventilated" in this section refer to forced ventilation.

Keel: en

Alusdokumendid: IEC 60598-2-2 ED4; prEN IEC 60598-2-2:2021
Asendab dokumenti: EVS-EN 60598-2-2:2012

31 ELEKTROONIKA

prEN IEC 60738-1:2021

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

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

Keel: en

Alusdokumendid: IEC 60738-1 ED4; prEN IEC 60738-1:2021

Asendab dokumenti: EVS-EN 60738-1:2006

Asendab dokumenti: EVS-EN 60738-1:2006/A1:2009

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN IEC 60825-12:2021

Safety of laser products - Part 12: Safety of free space optical communication systems used for transmission of information

This document is applicable to products that emit laser radiation for the purpose of free space optical data transmission. This document does not apply to laser products designed for the purposes of transmitting optical power for applications such as material processing or medical treatment. This document also does not apply to the use of laser products in explosive atmospheres (see IEC 60079-0). Light-emitting diodes employed by free space optical communication systems, used for the purpose of free space optical data transmission, do not fall into the scope of this document. NOTE If the laser product incorporates an optical fibre that extends from the confinements of the enclosure, the requirements in IEC 60825-2 applies.

Keel: en

Alusdokumendid: IEC 60825-12 ED3; prEN IEC 60825-12:2021

Asendab dokumenti: EVS-EN IEC 60825-12:2019

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN IEC 61189-2-801:2021

Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 2-801: Thermal conductivity test for base materials

This International Standard specifies a test method to be followed for Thermal Performance via carbon ink heating. The method employs a screened-on pattern of carbon ink used to determine the thermal performance of a dielectric layer on a metal base plate.

Keel: en

Alusdokumendid: IEC 61189-2-801 ED1; prEN IEC 61189-2-801:2021

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN IEC 61189-2-803:2021

Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 2-803: Test methods for Z-Axis Expansion of base materials and printed board

This International Standard specifies a test method to determine the Z-Axis Expansion of base materials and printed boards using a thermomechanical analyser (TMA).

Keel: en

Alusdokumendid: IEC 61189-2-803 ED1; prEN IEC 61189-2-803:2021

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN IEC 61189-2-804:2021

Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 2-804: Test methods for time to delamination - T260, T288, T300

This International Standard specifies a test method to determine the time to delamination of base materials and printed boards using a thermomechanical analyzer (TMA). Temperatures used for this evaluation are typically 260 °C, 288 °C and 300 °C, but are not limited to these values.

Keel: en

Alusdokumendid: IEC 61189-2-804 ED1; prEN IEC 61189-2-804:2021

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN IEC 63251:2021

Test Method for Mechanical Property of Flexible Opto-Electric Circuit Boards under Thermal Stress

This International Standard defines the thermal endurance test methods for reliability assessment of flexible opto-electric circuit boards. The purpose of this standard is to accommodate the uniform thermal characteristics required by the flexible opto-electric circuit in high temperature environments such as automobiles. In particular, this standard specifies a test method to inspect the occurrence of color exchange, deformation and delamination of flexible opto-electric circuit boards under thermal stress.

Keel: en

Alusdokumendid: IEC 63251 ED1; prEN IEC 63251:2021

Arvamusküsitluse lõppkuupäev: 13.01.2022

33 SIDETEHNIKA

prEN 300 338-8 V1.0.0

Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 8: Enabling DSC radio equipment with remote control capabilities

The present document states minimum requirements for GMDSS radiocommunication equipment using Digital Selective Calling (DSC) Class A, with the capability to fully operate handling of the automated procedures defined in part 2 of this multi-part deliverable, see ETSI EN 300 338-2 from a remote position such as a central HMI. In addition other proprietary control interfaces may apply to support full remote control of other DSC EQUIPMENT functions. Such proprietary control interfaces (whether based on proprietary IEC 61162-1 sentences or other protocols) are not art of the present document, and may co-exist with the requirements in the present document.

Keel: en

Alusdokumendid: Draft ETSI EN 300 338-8 V1.0.0

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 301 908-13 V13.2.0

IMT kõrgsagedusvõrgud; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 13. E-UTRA kasutajaseadmed (UE) IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)

The present document applies to the following radio equipment type: • User Equipment for Evolved Universal Terrestrial Radio Access (E-UTRA). This radio equipment type is capable of operating in all or any part of the frequency bands given in tables from 1-1 through 1-5. Table 1-1: E-UTRA UE operating bands E-UTRA Band; Direction of UE transmission E-UTRA operating bands 1; Transmit 1 920 MHz to 1 980 MHz; Receive 2 110 MHz to 2 170 MHz 3; Transmit 1 710 MHz to 1 785 MHz; Receive 1 805 MHz to 1 880 MHz 7; Transmit 2 500 MHz to 2 570 MHz; Receive 2 620 MHz to 2 690 MHz 8; Transmit 880 MHz to 915 MHz; Receive 925 MHz to 960 MHz 20; Transmit 832 MHz to 862 MHz; Receive 791 MHz to 821 MHz 22; Transmit 3 410 MHz to 3 490 MHz; Receive 3 510 MHz to 3 590 MHz 28 (see note 6); Transmit 703 MHz to 748 MHz; Receive 758 MHz to 803 MHz 31; Transmit 452,5 MHz to 457,5 MHz; Receive 462,5 MHz to 467,5 MHz 32 (see note 1) (see note 2); Transmit N/A; Receive 1 452 MHz to 1 496 MHz 33; Transmit and Receive 1 900 MHz to 1 920 MHz 34; Transmit and Receive 2 010 MHz to 2 025 MHz 38; Transmit and Receive 2 570 MHz to 2 620 MHz 40; Transmit and Receive 2 300 MHz to 2 400 MHz 42; Transmit and Receive 3 400 MHz to 3 600 MHz 43; Transmit and Receive 3 600 MHz to 3 800 MHz 46 (see note 3) (see note 4); Transmit and Receive 5 150 MHz to 5 925 MHz 65 (see note 5); Transmit 1 920 MHz to 2 010 MHz; Receive 2 110 MHz to 2 200 MHz 67; Transmit N/A; Receive 738 MHz to 758 MHz 68; Transmit 698 MHz to 728 MHz; Receive 753 MHz to 783 MHz 69 (see note 1); Transmit N/A; Receive 2 570 MHz to 2 620 MHz NOTE 1: Restricted to E-UTRA operation when carrier aggregation is configured. The downlink operating band is paired with the uplink operating band (external) of the carrier aggregation configuration that is supporting the configured Pcell. NOTE 2: Radio equipment in band 32 is only allowed to operate between 1 452 MHz and 1 492 MHz. NOTE 3: This band is an unlicensed band restricted to licensed-assisted operation using Frame Structure Type 3. NOTE 4: In this version of the present document, restricted to E-UTRA DL operation when carrier aggregation is configured. NOTE 5: A UE that complies with the E-UTRA Band 65 minimum requirements in the present document also complies with the E-UTRA Band 1 minimum requirements. NOTE 6: Radio equipment in band 28 is only allowed to operate between 758 MHz to 791 MHz for the transmitter and between 703 MHz to 736 MHz for the receiver. NOTE 1: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A. Table 1-1A: Sub-bands for band 46 E-UTRA Band; Downlink (DL) operating band BS transmit UE receive FDL_low - FDL_high 46a; 5 150 MHz to 5 250 MHz 46b; 5 250 MHz to 5 350 MHz 46c; 5 470 MHz to 5 725 MHz NOTE: The sub-bands 46a and 46b are restricted to indoor use only. Table 1-2: E-UTRA UE Intra-band contiguous CA operating bands E-UTRA CA Band; E-UTRA Band; Direction of UE transmission E-UTRA operating bands CA_1; 1; Transmit 1 920 MHz to 1 980 MHz; Receive 2 110 MHz to 2 170 MHz CA_3; 3; Transmit 1 710 MHz to 1 785 MHz; Receive 1 805 MHz to 1 880 MHz CA_7; 7; Transmit 2 500 MHz to 2 570 MHz; Receive 2 620 MHz to 2 690 MHz CA_38; 38; Transmit and Receive 2 570 MHz to 2 620 MHz CA_40; 40; Transmit and Receive 2 300 MHz to 2 400 MHz CA_42; 42; Transmit and Receive 3 400 MHz to 3 600 MHz Table 1-3: E-UTRA UE Inter-band CA operating bands (two bands) E-UTRA CA Band E-UTRA Band; UL operating band BS receive/UE transmit FUL_low - FUL_high; DL operating band BS transmit/UE receive FDL_low - FDL_high CA_1-3 1; 1 920 MHz to 1 980 MHz; 2 110 MHz to 2 170 MHz 3; 1 710 MHz to 1 785 MHz; 1 805 MHz to 1 880 MHz CA_1-7 1; 1 920 MHz to 1 980 MHz; 2 110 MHz to 2 170 MHz 7; 2 500 MHz to 2 570 MHz; 2 620 MHz to 2 690 MHz CA_1-8 1; 1 920 MHz to 1 980 MHz; 2 110 MHz to 2 170 MHz 8; 880 MHz to 915 MHz; 925 MHz to 960 MHz CA_1-20 1; 1 920 MHz to 1 980 MHz; 2 110 MHz to 2 170 MHz 20; 832 MHz to 862 MHz; 791 MHz to 821 MHz CA_1-42 1; 1 920 MHz to 1 980 MHz; 2 110 MHz to 2 170 MHz 42; 3 400 MHz to 3 600 MHz; 3 400 MHz to 3 600 MHz CA_1-46 1; 1 920 MHz to 1 980 MHz; 2 110 MHz to 2 170 MHz 46; 5 150 MHz to 5 925 MHz; 5

150 MHz to 5 925 MHz CA_3-7 3; 1 710 MHz to 1 785 MHz; 1 805 MHz to 1 880 MHz 7; 2 500 MHz to 2 570 MHz; 2 620 MHz to 2 690 MHz CA_3-8 3; 1 710 MHz to 1 785 MHz; 1 805 MHz to 1 880 MHz 8; 880 MHz to 915 MHz; 925 MHz to 960 MHz CA_3-20 3; 1 710 MHz to 1 785 MHz; 1 805 MHz to 1 880 MHz 20; 832 MHz to 862 MHz; 791 MHz to 821 MHz CA_3-28 3; 1 710 MHz to 1 785 MHz; 1 805 MHz to 1 880 MHz 28; 703 MHz to 748 MHz; 758 MHz to 803 MHz CA_3-42 3; 1 710 MHz to 1 785 MHz; 1 805 MHz to 1 880 MHz 42; 3 400 MHz to 3 600 MHz; 3 400 MHz to 3 600 MHz CA_3-46 3; 1 710 MHz to 1 785 MHz; 1 805 MHz to 1 880 MHz 46; 5 150 MHz to 5 925 MHz; 5 150 MHz to 5 925 MHz CA_7-20 7; 2 500 MHz to 2 570 MHz; 2 620 MHz to 2 690 MHz 20; 832 MHz to 862 MHz; 791 MHz to 821 MHz CA_7-28 7; 2 500 MHz to 2 570 MHz; 2 620 MHz to 2 690 MHz 28; 703 MHz to 748 MHz; 758 MHz to 803 MHz CA_7-46 7; 2 500 MHz to 2 570 MHz; 2 620 MHz to 2 690 MHz 46; 5 150 MHz to 5 925 MHz; 5 150 MHz to 5 925 MHz CA_8-20 8; 880 MHz to 915 MHz; 925 MHz to 960 MHz 20; 832 MHz to 862 MHz; 791 MHz to 821 MHz CA_8-40 8; 880 MHz to 915 MHz; 925 MHz to 960 MHz 40; 2 300 MHz to 2 400 MHz; 2 300 MHz to 2 400 MHz CA_20-32 (see note) 20; 832 MHz to 862 MHz; 791 MHz to 821 MHz 32; N/A; 1 452 MHz to 1 496 MHz CA_42-46 42; 3 400 MHz to 3 600 MHz; 3 400 MHz to 3 600 MHz 46; 5 150 MHz to 5 925 MHz; 5 150 MHz to 5 925 MHz CA_20-67 20; 832 MHz to 862 MHz; 791 MHz to 821 MHz 67; N/A; 738 MHz to 758 MHz NOTE: Radio equipment in band 32 is only allowed to operate between 1 452 MHz and 1 492 MHz. Table 1-4: E-UTRA UE Inter-band CA operating bands (three bands) E-UTRA CA Band E-UTRA Band; UL operating band BS receive/UE transmit FUL_low - FUL_high; DL operating band BS transmit/UE receive FDL_low - FDL_high CA_1-3-8 1; 1 920 MHz to 1 980 MHz; 2 110 MHz to 2 170 MHz 3; 1 710 MHz to 1 785 MHz; 1 805 MHz to 1 880 MHz 8; 880 MHz to 915 MHz; 925 MHz to 960 MHz CA_1-3-20 1; 1 920 MHz to 1 980 MHz; 2 110 MHz to 2 170 MHz 3; 1 710 MHz to 1 785 MHz; 1 805 MHz to 1 880 MHz 20; 832 MHz to 862 MHz; 791 MHz to 821 MHz CA_1-7-20 1; 1 920 MHz to 1 980 MHz; 2 110 MHz to 2 170 MHz 7; 2 500 MHz to 2 570 MHz; 2 620 MHz to 2 690 MHz 20; 832 MHz to 862 MHz; 791 MHz to 821 MHz CA_3-7-20 3; 1 710 MHz to 1 785 MHz; 1 805 MHz to 1 880 MHz 7; 2 500 MHz to 2 570 MHz; 2 620 MHz to 2 690 MHz 20; 832 MHz to 862 MHz; 791 MHz to 821 MHz Table 1-5: Intra-band non-contiguous CA operating bands (with two sub-blocks) E-UTRA CA Band; E-UTRA Band; Uplink (UL) operating band BS receive/UE transmit FUL_low - FUL_high; Downlink (DL) operating band BS transmit/UE receive FDL_low - FDL_high CA_3-3; 3; 1 710 MHz to 1 785 MHz; 1 805 MHz to 1 880 MHz CA_7-7; 7; 2 500 MHz to 2 570 MHz; 2 620 MHz to 2 690 MHz CA_42-42; 42; 3; 400 MHz to 3 600 MHz; 3 400 MHz to 3 600 MHz E-UTRA NB-IoT is designed to operate in the E-UTRA operating bands 1, 3, 8, 20, 28 and 65 defined in table 1-1. The present document covers requirements for E-UTRA FDD and E-UTRA TDD User Equipment from 3GPP™ Releases 8, 9, 10, 11, 12, and 13 defined in ETSI TS 136 101. This includes the requirements for E-UTRA UE operating bands and E-UTRA CA operating bands from 3GPP™ Release 13 defined in ETSI TS 136 101. NOTE 2: For Band 20: For user equipment designed to be mobile or nomadic, the requirements in the present document measured at the antenna port also show conformity to the corresponding requirement defined as TRP (total radiated power), as described in Commission Decision 2010/267/EU, ECC Decision (09)03. For user equipment designed to be fixed or installed, the present document does not address the requirements described in Commission Decision 2010/267/EU, ECC Decision (09)03. The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

Keel: en

Alusdokumendid: Draft ETSI EN 301 908-13 V13.2.0

Arvamusküsitluse lõppkuupäev: 13.01.2022

35 INFOTEHNOLOOGIA

prEN 17549-2

Building information modelling - Information structure based on EN ISO 16739 1 to exchange data templates and data sheets for construction objects - Part 2: Configurable construction objects and requirements

The digital transformation of the construction industry includes also the digital transformation of the supply chain of construction products. With EN ISO 16739-1 exists an open language to design, transfer and maintain construction models. The construction models (e.g. of a building) contain a digital twin of real-life products. The data of these products should be transported in a digital format on the way from the factory to the building owner. This product data should be expressed also in an easy and open way. The creators of product data files should be able to do this manually or automatically, as they like it. The users of product data should be able to use it to:

- Express their requirements related to products
- Describe configurable products
- Import product data easily in the BIM models at any stage of the project (design, construction, operation)
- Export product data easily from the BIM models at any stage of the project (design, construction, operation)

These scenarios fit in the business models of manufacturers, planners, construction companies and facility managers. The working group 4 of CEN-TC442 has published proposals for creating new work items in the sector of CEN regarding the storage and the transport of product data in the sector of building information modelling (BIM): EN ISO 16739-1:2018: Industry Foundation Classes (IFC) for data sharing in the construction and facility management industries- Part 1: Data schema EN ISO 12006-3: Building construction – Organization of information about construction works – Part 3: Framework for object-oriented information prEN ISO 23386: Building information modelling and other digital processes used in Construction – Methodology to describe, author and maintain properties in interconnected dictionaries prEN ISO 23387: Data templates for construction works entities, Part 1: Objects, collections, and relationships defining the general structure of data templates This standard defines a format to negotiate product data templates, express requirements and describe configurable products and therefore fills the missing link between the product data sources (e.g. catalogs) from the manufacturers and the BIM models of the designers, builders, and owners.

Keel: en

Alusdokumendid: prEN 17549-2

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 17748-1

Foundational Body of Knowledge for the ICT Profession (ICT BoK) - Part 1: Body of Knowledge

This document will provide a generic underpinning body of knowledge shared by all ICT professionals regardless of speciality. It will establish a cornerstone of professionalism, changing the nature of ICT occupations from isolated areas of specialised knowledge to sharing of connected common knowledge leading to enhanced provision of products and services. This document will exclude the IT user community but will cover ICT professionals defined by EN 16234-1. It will support Information and Communication Technology (ICT) stakeholders, in particular: — ICT service, demand and supply organisations; — ICT professionals, managers and human resource (HR) departments; — vocational education institutions and training bodies including higher education; — social partners (trade unions and employer associations); — professional associations, accreditation, validation and assessment bodies; — market analysts and policy makers; and — other organisations and stakeholders in public and private sectors by applying the document as a reference standard.

Keel: en

Alusdokumendid: prEN 17748-1

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN ISO 19168-2

Geographic information - Geospatial API for features - Part 2: Coordinate Reference Systems by Reference (ISO/DIS 19168-2:2021)

N/A

Keel: en

Alusdokumendid: ISO/DIS 19168-2; prEN ISO 19168-2

Arvamusküsitluse lõppkuupäev: 13.01.2022

39 TÄPPISMEHAANIKA. JUVEELITOOTED

prEN 1811

Reference test method for release of nickel from all post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin

This document specifies a method for simulating the release of nickel from all post assemblies which are inserted into pierced ears and other pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin in order to determine whether such articles are in compliance with No. 27 Annex XVII of Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH). Spectacle frames and sunglasses are excluded from the scope of this document. NOTE Spectacle frames and sunglasses are subject to the requirements of EN 16128.

Keel: en

Alusdokumendid: prEN 1811

Asendab dokumenti: EVS-EN 1811:2011+A1:2015

Arvamusküsitluse lõppkuupäev: 13.01.2022

43 MAANTEESÕIDUKITE EHITUS

EN 15194:2017/prA1

Cycles - Electrically power assisted cycles - EPAC Bicycles

This European Standard applies to EPAC bicycles for private and commercial use with exception of EPAC intended for hire from unattended station. This European Standard is intended to cover all common significant hazards, hazardous situations and events (see Clause 4) of electrically power assisted bicycles, when used as intended and under condition of misuse that are reasonably foreseeable by the manufacturer. This European Standard is intended to cover electrically power assisted bicycles of a type which have a maximum continuous rated power of 0,25 kW, of which the output is progressively reduced and finally cut off as the EPAC reaches a speed of 25 km/h, or sooner, if the cyclist stops pedalling. This European Standard specifies requirements and test methods for engine power management systems, electrical circuits including the charging system for the design and assembly of electrically power assisted bicycles and sub-assemblies for systems having a rated voltage up to and including 48 V d.c. or integrated battery charger with a nominal 230 V a.c. input. This European Standard specifies safety and safety related performance requirements for the design, assembly, and testing of EPAC bicycles and subassemblies intended for use on public roads, and lays down guidelines for instructions on the use and care of such bicycles. This European Standard applies to EPAC bicycles that have a maximum saddle height of 635 mm or more and that are intended for use on public roads. This European Standard is not applicable to EPACs which are manufactured before the date of its publication as EN.

Keel: en

Alusdokumendid: EN 15194:2017/prA1

Muudab dokumenti: EVS-EN 15194:2017

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN ISO 4210

Cycles - Safety requirements for bicycles - Part 2: Requirements for city and trekking, young adult, mountain and racing bicycles (ISO/DIS 4210:2021)

This part of ISO 4210 specifies safety and performance requirements for the design, assembly, and testing of bicycles and sub-assemblies having saddle height as given in Table 1, and lays down guidelines for manufacturer's instructions on the use and care of such bicycles. This part of ISO 4210 applies to young adult bicycles with maximum saddle height of 635 mm or more and less than 750 mm, city and trekking bicycles, mountain bicycles, and racing bicycles that have a maximum saddle height of 635 mm or more including folding bicycles (see Table 1 and Figure 1). This part of ISO 4210 does not apply to specialized types of bicycle, such as delivery bicycles, recumbent bicycles, tandems, BMX bicycles, and bicycles designed and equipped for use in severe applications such as sanctioned competition events, stunting, or aerobic manoeuvres. NOTE For bicycles with a maximum saddle height of 435 mm or less, see ISO 8124-1 [1] and with a maximum saddle height of more than 435 mm and less than 635 mm, see ISO 8098 [2].

Keel: en

Alusdokumendid: ISO/DIS 4210-2; prEN ISO 4210

Asendab dokumenti: EVS-EN ISO 4210-2:2015

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN ISO 4210-1

Cycles - Safety requirements for bicycles - Part 1: Terms and definitions (ISO/DIS 4210-1:2021)

This part of ISO 4210 specifies terms and definitions related to safety and performance requirements for the design, assembly, and testing of bicycles and sub-assemblies having saddle height as given in Table 1. This part of ISO 4210 does not apply to specialized types of bicycle such as delivery bicycles, recumbent bicycles, tandems, BMX bicycles, and bicycles designed and equipped for use in severe applications such as sanctioned competition events, stunting, or aerobic manoeuvres. NOTE For bicycles with a maximum saddle height of 435 mm or less, see ISO 8124-1, and with a maximum saddle height of more than 435 mm and less than 635 mm, see ISO 8098.

Keel: en

Alusdokumendid: ISO/DIS 4210-1; prEN ISO 4210-1

Asendab dokumenti: EVS-EN ISO 4210-1:2014

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN ISO 4210-3

Cycles - Safety requirements for bicycles - Part 3: Common test methods (ISO/DIS 4210-3:2021)

This part of ISO 4210 specifies the common test methods for ISO 4210-2.

Keel: en

Alusdokumendid: ISO/DIS 4210-3; prEN ISO 4210-3

Asendab dokumenti: EVS-EN ISO 4210-3:2014

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN ISO 4210-4

Cycles - Safety requirements for bicycles - Part 4: Braking test methods (ISO/DIS 4210-4:2021)

This part of ISO 4210 specifies the braking test methods for ISO 4210-2.

Keel: en

Alusdokumendid: ISO/DIS 4210-4; prEN ISO 4210-4

Asendab dokumenti: EVS-EN ISO 4210-4:2014

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN ISO 4210-5

Cycles - Safety requirements for bicycles - Part 5: Steering test methods (ISO/DIS 4210-5:2021)

This part of ISO 4210 specifies the steering test methods for ISO 4210-2.

Keel: en

Alusdokumendid: ISO/DIS 4210-5; prEN ISO 4210-5

Asendab dokumenti: EVS-EN ISO 4210-5:2014

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN ISO 4210-6

Cycles - Safety requirements for bicycles - Part 6: Frame and fork test methods (ISO/DIS 4210-6:2021)

This part of ISO 4210 specifies the frame and fork test methods for ISO 4210-2.

Keel: en

Alusdokumendid: ISO/DIS 4210-6; prEN ISO 4210-6

Asendab dokumenti: EVS-EN ISO 4210-6:2015

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN ISO 4210-7

Cycles - Safety requirements for bicycles - Part 7: Wheels and rims test methods (ISO/DIS 4210-7:2021)

This part of ISO 4210 specifies wheel and rim test methods for ISO 4210-2.

Keel: en

Alusdokumendid: ISO/DIS 4210-7; prEN ISO 4210-7

Asendab dokumenti: EVS-EN ISO 4210-7:2014

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN ISO 4210-8

Cycles - Safety requirements for bicycles - Part 8: Pedal and drive system test methods (ISO/DIS 4210-8:2021)

This part of ISO 4210 specifies pedal and drive system test methods for ISO 4210-2.

Keel: en

Alusdokumendid: ISO/DIS 4210-8; prEN ISO 4210-8

Asendab dokumenti: EVS-EN ISO 4210-8:2014

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN ISO 4210-9

Cycles - Safety requirements for bicycles - Part 9: Saddles and seat-post test methods (ISO/DIS 4210-9:2021)

This part of ISO 4210 specifies saddle and seat-post test methods for ISO 4210-2.

Keel: en

Alusdokumendid: ISO/DIS 4210-9; prEN ISO 4210-9

Asendab dokumenti: EVS-EN ISO 4210-9:2014

Arvamusküsitluse lõppkuupäev: 13.01.2022

49 LENNUNDUS JA KOSMOSETEHNIKA

FprEN 3155-074

Aerospace series - Electrical contacts used in elements of connection - Part 074: Contacts, electrical, quadrax, size 8, male, type E, crimp, class R - Product standard

This document specifies the required characteristics, tests and tooling applicable to male electrical quadrax contacts, shielded, size 8, type E type E characteristic impedance 100 Ω , crimp, class R, used in elements of connection according to EN 3155-002. It shall be used together with EN 3155-001. The associated female contacts are defined in EN 3155-075.

Keel: en

Alusdokumendid: FprEN 3155-074

Asendab dokumenti: EVS-EN 3155-074:2009

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 2882:2021

Aerospace series - Nuts, hexagonal, self-locking, with counterbore and captive washer, in steel, cadmium plated, MoS2 lubricated - Classification: 1 100 MPa (at ambient temperature) / 235 °C

This document specifies the characteristics for hexagon nuts, with counterbore and captive washer, with a self-locking feature achieved by forming the upper portion out-of-round, in steel, cadmium plated, MoS2 lubricated, classification 1 100 MPa /235 °C

Keel: en

Alusdokumendid: prEN 2882:2021

Asendab dokumenti: EVS-EN 2882:2006

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 2944:2021

Aerospace series - Inserts, screw thread, helical coil, self-locking, in corrosion resisting steel FE-PA3004

This document specifies the characteristics of inserts, self-locking, helical coil, tanged insertion drive, MJ screw threads in corrosion resisting steel FE-PA3004, for aerospace applications. Maximum test temperature: 350 °C.

Keel: en

Alusdokumendid: prEN 2944:2021

Asendab dokumenti: EVS-EN 2944:2018

Arvamusküsitluse lõppkuupäev: 13.01.2022

EN ISO 3691-3:2016/prA1**Industrial trucks - Safety requirements and verification - Part 3: Additional requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads (ISO 3691 3:2016/DAM 1:2021)**

Amendment to EN ISO 3691-3:2016

Keel: en

Alusdokumendid: ISO 3691-3:2016/DAMd 1; EN ISO 3691-3:2016/prA1

Muudab dokumenti: EVS-EN ISO 3691-3:2016

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 16307-3**Industrial trucks - Safety requirements and verification - Part 3 Supplementary requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads (additional requirements to EN 16307-1)**

This document gives requirements for the types of industrial trucks specified in the scope of EN ISO 3691-3:2016. This document is intended to be used in conjunction with EN ISO 3691-3:2016. These requirements are supplementary to those stated in EN ISO 3691-3:2016. This document deals with the following significant hazards, hazardous situations or hazardous events relevant when it is used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer: - acceleration, deceleration (kinetic energy); - machinery mobility. This document defines supplementary requirements to EN ISO 3691-1:2015, EN ISO 3691-3:2016 and EN 16307-1:2020: - brakes operation without guidance system; - operator fall protection; - information for use (instruction handbook and marking). Annex A (informative) contains the list of significant hazards covered by this document.

Keel: en

Alusdokumendid: prEN 16307-3

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 1755**Industrial Trucks - Safety requirements and verification - Supplementary requirements for operation in potentially explosive atmospheres**

This document applies to self-propelled and pedestrian propelled manual and semi-manual industrial trucks as defined in ISO 5053-1:2020 including their load handling devices and attachments (hereafter referred to as trucks) intended for use in potentially explosive atmospheres. NOTE 1 Attachments mounted on the load carrier or on fork arms which are removable by the user are not considered to be a part of the truck. This document specifies supplementary technical requirements for the prevention of the ignition of an explosive atmosphere of flammable gases, vapours, mists or dusts by industrial trucks of equipment group II and equipment category 2G, 3G, 2D or 3D. NOTE 2 The relationship between an equipment category (hereafter referred to as category) and the corresponding zone (area classification) is shown in informative Annex B. This document is not applicable to: - trucks of equipment group I; - trucks of equipment group II, equipment category 1; - trucks intended for use in potentially explosive atmospheres with hybrid mixtures; - protective systems. This document is not applicable to trucks intended for use in potentially explosive atmospheres of carbon disulphide (CS₂), carbon monoxide (CO) and/or ethylene oxide (C₂H₄O) due to the special properties of these gases. Technical requirements relating to lithium-ion batteries and fuel cells as energy sources are not given in this document due to their specific hazards.

Keel: en

Alusdokumendid: prEN 1755

Asendab dokumenti: EVS-EN 1755:2015

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN ISO 14389**Textiles - Determination of the phthalate content - Tetrahydrofuran method (ISO/DIS 14389:2021)**

This document specifies a method of determining phthalates in textiles with gas chromatography–mass spectrometry (GC-MS) with mass selective detector. This document is applicable to textile products where there is a risk of the presence of some phthalates.

Keel: en

Alusdokumendid: ISO/DIS 14389; prEN ISO 14389

Asendab dokumenti: EVS-EN ISO 14389:2014

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN ISO 4484-1**Textiles and textile products - Microplastics from textile sources - Part 1: Determination of material loss from fabrics during washing (ISO/DIS 4484-1:2021)**

The method provides a means of systematically evaluating fibre loss during washing. Consideration has been given to best representation of realistic laundry conditions, to achieve comparable and accurate results. The method is designed to assess both synthetic and natural fiber loss.

Keel: en

Alusdokumendid: ISO/DIS 4484-1; prEN ISO 4484-1

Arvamusküsitluse lõppkuupäev: 13.01.2022

65 PÕLLUMAJANDUS

prEN 12580

Soil improvers and growing media - Determination of a quantity

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

Keel: en

Alusdokumendid: prEN 12580

Asendab dokumenti: EVS-EN 12580:2013

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 15238

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

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

Keel: en

Alusdokumendid: prEN 15238

Asendab dokumenti: EVS-EN 15238:2007

Asendab dokumenti: EVS-EN 15238:2007/AC:2009

Arvamusküsitluse lõppkuupäev: 13.01.2022

71 KEEMILINE TEHNOLOOGIA

prEN 13763-1

Explosives for civil uses - Detonators and detonating cord relays - Part 1: Requirements

This document specifies the requirements for electric detonators, non-electric detonators, plain detonators, electronic detonators, electronic initiation systems, surface connectors, leading wires, shock tubes, coupling accessories and detonating cord relays. This document specifies classification for electric detonators. This document does not cover devices and accessories for reliable and safe function of detonators and relays; for this, see EN 13763-26:2004.

Keel: en

Alusdokumendid: prEN 13763-1

Asendab dokumenti: EVS-EN 13763-1:2004

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 13763-27

Explosives for civil uses - Detonators and detonating cord relays - Part 27: Risk analysis and test methods for electronic initiation systems

This document specifies evaluation and testing procedures to be used to investigate the safety and reliability of electronic detonators and electronic initiation systems. This document specifies a methodology for risk analysis of electronic initiation systems. This document is applicable to explosives for civil uses.

Keel: en

Alusdokumendid: prEN 13763-27

Asendab dokumenti: CEN/TS 13763-27:2003

Arvamusküsitluse lõppkuupäev: 13.01.2022

77 METALLURGIA

prEN ISO 4943

Steel and cast iron - Determination of copper content - Flame atomic absorption spectrometric method (ISO/DIS 4943:2021)

This document specifies a flame atomic absorption spectrometric method for the determination of copper in steel and cast iron. The method is applicable to copper contents in the range of 0,003 % (mass fraction) to 3,0 % (mass fraction).

Keel: en

Alusdokumendid: prEN ISO 4943; ISO/DIS 4943:2021

Asendab dokumenti: EVS-EN 24943:2000

Arvamusküsitluse lõppkuupäev: 13.01.2022

85 PABERITEHNOLOOGIA

prEN ISO 638-2

Paper, board, pulps and cellulosic nanomaterials - Determination of dry matter content by oven-drying method - Part 2: Suspensions of cellulosic nanomaterials (ISO/FDIS 638-2:2021)

This document specifies an oven-drying method for the determination of the dry matter content in suspensions of cellulosic nanomaterials. The procedure is applicable to cellulosic nanomaterial suspensions which do not contain any appreciable quantities of materials other than water that are volatile at the temperature of $105\text{ °C} \pm 2\text{ °C}$. It is used, for example, in the case of cellulosic nanomaterial suspensions samples taken for chemical and physical tests in the laboratory, when a concurrent determination of dry matter content is required. NOTE 2: This document determines the total dry matter content of the sample, including any dissolved solids. If only the cellulosic material free of dissolved solids is desired, dissolved solids are removed prior to measuring the dry matter content, e.g. by washing or dialysis, taking care to retain all cellulosic material.

Keel: en

Alusdokumendid: ISO/FDIS 638-2; prEN ISO 638-2

Asendab dokumenti: EVS-EN ISO 638-2:2021

Arvamusküsitluse lõppkuupäev: 13.01.2022

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EN ISO 16474-2:2013/prA1

Paints and varnishes - Methods of exposure to laboratory light sources - Part 2: Xenon-arc lamps - Amendment 1: Classification of daylight filters (ISO/16474-2:2013/DAM 1:2021)

Amendment to EN ISO 16474-2:2013

Keel: en

Alusdokumendid: ISO 16474-2:2013/DAMd 1; EN ISO 16474-2:2013/prA1

Muudab dokumenti: EVS-EN ISO 16474-2:2013

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN ISO 788

Ultramarine pigments (ISO 788:2021)

This International Standard specifies the requirements and corresponding test methods for artificial ultramarine pigments, suitable for uses in plastics, paints and etc.

Keel: en

Alusdokumendid: ISO 788:2021; prEN ISO 788

Arvamusküsitluse lõppkuupäev: 13.01.2022

91 EHITUSMATERJALID JA EHITUS

prEN 13496

Thermal insulation products for building applications - Determination of the mechanical properties of glass fibre meshes as reinforcement for External Thermal Insulation Composite Systems with renders (ETICS)

This European Standard specifies equipment and procedures for determining the tensile strength and elongation of rectangular and triaxial glass fibre meshes which are used for the reinforcement of the base coat in External Thermal Insulation Composite Systems (ETICS).

Keel: en

Alusdokumendid: prEN 13496

Asendab dokumenti: EVS-EN 13496:2013

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 16903

Plastics piping systems - Environmental product declarations - Product Category Rules complementary to EN 15804, for buried plastics piping systems

This document provides product category rules (PCR) for Type III environmental product declarations, as described in EN ISO 14025 and EN 15942, for "buried plastics piping systems" intended for buried pressure and non-pressure applications outside building structure. This PCR covers the entire life cycle from cradle to grave for buried plastics piping systems conveying fluids (sewer, water or gas), according to EN 12007, EN 805 or EN 476. NOTE The PCR will be applied to systems composed of products covered by the list of product standards provided in Annex D. This document specifies the rules for the product category of construction products as defined in and is intended to be used in conjunction with EN 15804. As in EN 15804:2012+A2:2019, in addition to the common parts of EN 15804, this document for buried plastics piping systems defines: - the functional unit; - the system boundaries; - the elements of installation; - the transport scenarios for both the raw material and the complete system; - the trench conditions; - reference service life (RSL); - end of life scenarios.

Keel: en

Alusdokumendid: prEN 16903

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 16904

Plastics piping systems - Environmental product declarations - Product Category rules complementary to EN 15804, for plastic piping systems inside buildings

This document provides product category rules (PCR) for Type III environmental product declarations (EPD) as described in EN ISO 14025 and EN 15942 for "plastics piping systems" intended for hot and cold pressure, cold pressure, and soil and waste non-pressure applications inside buildings. This PCR covers the entire life cycle from cradle to grave. NOTE The PCR will be applied to all products covered by CEN/TC 155 in this application. A list of product standards is provided in Annex D. This document specifies the rules for the product category of construction products as defined in and is intended to be used in conjunction with EN 15804. In addition to the common parts of EN 15804, this document for European plastics piping systems inside building defines: - the functional unit; - the system boundaries; - the elements and conditions of installations; - the transport scenarios for both the raw materials and complete systems; - the reference service life (RSL); - end of life scenarios.

Keel: en

Alusdokumendid: prEN 16904

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN IEC 60379:2021

Methods for measuring the performance of electric storage water-heaters for household purposes

This Standard specifies methods for measuring the performance of electric storage water heaters to produce domestic potable or non-potable hot water for household and similar use. The object is to state and define the principal performance characteristics of electric storage water heaters and to describe the test methods for measuring these characteristics. NOTE 1 This standard does not apply to; - storage water heaters that use electricity as a secondary source of heating the water; - storage water heaters that do not use a tank to storage hot water; - electric storage water heaters that do not meet the minimum (or maximum) output performance of the smallest (or biggest) load profile, as defined in Table 4. - water-heaters without thermal insulation NOTE 2 This standard does not specify safety requirements. For safety requirements see IEC 60335-1 in conjunction with IEC 60335-2-21.

Keel: en

Alusdokumendid: IEC 60379 ED4; prEN IEC 60379:2021

Asendab dokumenti: EVS-EN 60379:2004

Arvamusküsitluse lõppkuupäev: 13.01.2022

97 OLME. MEELELAHUTUS. SPORT

prEN 13721

Furniture - Assessment of the surface reflectance

This document specifies a method for the assessment of the surface reflectance of furniture surfaces and relates to rigid surfaces of all finished products regardless of materials, except for finishes on leather and fabrics, which are excluded from this document. The test is intended to be carried out on finished furniture, but can be carried out on test panels of the same material, finished in an identical manner to the finished product, and of a size sufficient to meet the requirements of the test. The test method is not applicable to some metallic paints and pearly coatings.

Keel: en

Alusdokumendid: prEN 13721

Asendab dokumenti: EVS-EN 13721:2004

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 16121

Non-domestic storage furniture - Requirements for safety, strength, durability and stability

This document specifies requirements for the safety, strength, and durability for all types of non-domestic storage furniture. It does not apply to domestic storage, industrial storage, kitchen, catering equipment, retail storage, and industrial storage lockers.

Requirements for strength and durability do not apply to the structure of the building for example the strength of wall hanging cabinets includes only the cabinets and the parts used for attachment. The wall and the wall attachments are not included. The standard contains five annexes Annex A (normative) Test methods for finger entrapment; Annex B (normative) Requirements for schools, kindergartens and similar applications Annex C (normative) Selecting product from a range of furniture Annex D (informative) Guidance of test severity in relation to application Annex E (informative) Suggested loads for tests not specified in this standard It does not include requirements for the resistance to ageing, degradation and flammability.

Keel: en

Alusdokumendid: prEN 16121

Asendab dokumenti: EVS-EN 14073-2:2004

Asendab dokumenti: EVS-EN 16121:2013+A1:2017

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 16611

Furniture - Assessment of the surface resistance to microscratching

This document specifies a method for the assessment of the surface resistance to microscratching and relates to rigid surfaces of all finished products, considering the following exceptions: Method A is suitable for all types of surface coatings and coverings except for lacquers with pearly or metallic effects. Method B is suitable for all types of surface. No method applies to finishes on leather and fabrics. The test is intended to be carried out on a part of finished furniture, but can be carried out on test panels of the same material, finished in an identical manner to the finished product, and of a size sufficient to meet the requirements of the test. It is essential that the test is carried out on unused surfaces.

Keel: en

Alusdokumendid: prEN 16611

Asendab dokumenti: CEN/TS 16611:2016

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 50631-3-1

Household appliances network and grid connectivity - Part 3-1: Specific Data Model Mapping: SPINE

This document maps the generic use case functions and data models defined in EN 50631-1:202X to specific languages; in this case, SPINE. This document is part of EN 50631 series which defines the information exchange between Smart Appliances and management systems in homes and buildings including energy management.

Keel: en

Alusdokumendid: prEN 50631-3-1

Arvamusküsitluse lõppkuupäev: 13.01.2022

prEN 50631-4-1

Household appliances network and grid connectivity - Part 4-1: Communication Protocol Specific Aspects: SHIP 1.1

This document specifies the application of relevant transport protocols for Home and Wide Area Networks as well as cloud connectivity; in this case, SHIP (Smart Home IP). This document is part of the EN 50631 series which defines the information exchange between Smart Appliances and management systems in homes and buildings including energy management.

Keel: en

Alusdokumendid: prEN 50631-4-1

Arvamusküsitluse lõppkuupäev: 13.01.2022

TÖLKED KOMMENTEERIMISEL

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

Tõlkekavanditega saab tutvuda ja kommentaare esitada Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel asuvas kommenteerimisportaalil: <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 50708-3-1:2020

Jõutrafad. Täiendavad Euroopa nõuded. Osa 3-1: Suured jõutrafad. Üldnõuded

Käesoleva dokumendi käsitusala on määratleda suurte jõutrafade jõudlusnõuded vastavalt standardile EN 50708-1-1:2020. MÄRKUS Käesolev dokument hõlmab trafosid vastavalt komisjoni 21. mai 2014. aasta määrusele (EL) nr 548/2014 ja selle 1. oktoobri 2019. aasta muudatusele nr 2019/1783 ning annab täiendavaid konkreetseid juhiseid ühefaasiliste trafode, autotrafode, mitme mähisega trafode ja OD- ja OF-jahutussüsteemidega trafode jaoks, mis on vajalikud energiatõhususe nõuete õigeks kohaldamiseks nendele trafokategooriatele.

Keel: et

Alusdokumendid: EN 50708-3-1:2020

Kommenteerimise lõppkuupäev: 14.12.2021

EVS-EN ISO 11393-6:2019

Käsikettaagide kasutajate kaitseriietus. Osa 6: Ülakeha kaitsevahendite toimivusnõuded ja katsemeetodid

Dokumendis on täpsustatud käsikettaagidega sisselõikamise eest kaitsmiseks mõeldud ülakeha kaitsevahendite toimivusnõuded, katsemeetodid, disainilahenduse nõuded, tuvastamist võimaldav teave ja märgistused. Lisaks täpsustatakse meetodid ülakeha kaitsevahendite näidiste valimiseks ja eeltöötamiseks, kaitsva pinna mõõtmiseks, seadmed ja katsemeetodid löikekindluse hindamiseks ja praktiline toimivuskatse ergonoomiliste omaduste hindamiseks. Suunised ketsae kasutamiseks ja sobivate ülakeha kaitsevahendite valimiseks on toodud lisas A.

Keel: et

Alusdokumendid: ISO 11393-6:2018; EN ISO 11393-6:2019

Kommenteerimise lõppkuupäev: 14.12.2021

prEN 12004-1

Plaatimissegud ja -liimid. Osa 1: Olulised omadused ning toimivuse püsivuse hindamine ja kontrollimine (AVCP)

See dokument käsitleb järgmisi kolme tüüpi keraamiliste plaatide plaatimissegusid ja -liime: tsemendipõhised seinte ja põrandate plaatimiseks sise- ja välistingimustes, dispersioonipõhised ja reaktsioonvaigupõhised plaatimiseks sisetimingimustes. See dokument spetsifitseerib keraamiliste plaatide paigaldamisel kasutatavate tsemendipõhiste, dispersioonipõhiste ja reaktsioonvaigupõhiste mörtide ja liimide olulised omadused. Samuti on standardis toodud asjakohased katsemeetodid ning toimivuse püsivuse hindamine ja kontrollimine (assessment and verification of constancy of performance, AVCP).

Keel: et

Alusdokumendid: prEN 12004-1

Kommenteerimise lõppkuupäev: 14.12.2021

prEN 14891

Liimiga/seguga kinnitatavate keraamiliste plaatide all kasutatavad vedelana pealekantavad veetõkketooted. Osa 1: Olulised omadused ning toimivuse püsivuse hindamine ja kontrollimine (AVCP)

See dokument kehtib kõigile vedelana pealekantavatele veetõkketootedele, mis koosnevad polümeermodifitseeritud tsementmördist ja dispersioon- või reaktsioonvaigust kattekihtidest ja mida kasutatakse välistingimustes keraamiliste plaatide all seintel, põrandatel ja ka ujumisbasseinides. See dokument esitab kõikide liimiga/seguga kinnitatavate keraamiliste plaatide all vedelana pealekantavate veetõkketootedele olulised omadused ja katsemeetodid. See dokument määrab kindlaks keraamiliste plaatide all kasutatavate vedelana pealekantavate veetõkketootedele toimivuse püsivuse hindamise ja kontrollimise.

Keel: et

Alusdokumendid: prEN 14891

Kommenteerimise lõppkuupäev: 14.12.2021

prEN ISO 10088

Väikelaevad. Püsipaigaldusega kütusesüsteemid

Selles dokumendis määratakse kindlaks sisepõlemismootorite püsipaigaldusega kütusesüsteemide projekteerimise, materjalide, konstruktsiooni, paigaldamise ja katsetamise nõuded. Seda kohaldatakse püsipaigaldatud diisel- ja bensiinimootori kütusesüsteemide kõigi osade suhtes, nagu need on paigaldatud, alates sise- ja püramootoriga väikelaevade kütuse

täitmisavast kuni käituri või lisamootori(te) ühenduskohani. Nõuded väikelaevadesse püsipaigaldatud sisepõlemismootorite bensiini- ja diislikütuse paakide projekteerimiseks ja katsetamiseks on esitatud standardis ISO 21487:2012.

Keel: et

Alusdokumendid: ISO/DIS 10088; prEN ISO 10088

Kommenteerimise lõppkuupäev: 14.12.2021

prEVS-EN 50708-1-2

Jõutrafod. Täiendavad Euroopa nõuded Osa 1-2: Üldosa. Energiatõhususe hindamine

See standard rakendub kõikidele jõutrafodele TC 14 käsitlusalas.

Keel: et

Alusdokumendid: EN 50708-1-2:2021

Kommenteerimise lõppkuupäev: 14.12.2021

prEVS-EN IEC 60445

Inimese-masina-liidese üld- ja ohutuspõhimõtted, märgistus ja tuvastamine. Seadmeklemmide, juhtide otsastuste ja juhtide tuvastamine

See dokument käib elektriseadmete, nagu näiteks takistite, sulavkaitsmete, releede, kontaktorite, trafode, pöörlevate masinate ja sel määral mil rakendatav, selliste seadmete kombinatsioonide (nt koostete) klemmide tuvastamise ja märgistamise kohta, aga ka mõningate kindla otstarbega juhtide otsastuste tuvastamise kohta. Selles nähakse ette ka põhireeglid teatavate värvide ja tähelis-numbriliste kombinatsioonide kasutamiseks juhtide tuvastamisel, et vältida nende segiajamist ja tagada ohutut talitlust. Need juhtide värvid ja tähelis-numbrilised kombinatsioonid on ette nähtud rakendamiseks kaablitel, juhtmetel, kaabli- ja juhtmesoontel, kogumislattidel, elektriseadmetel ja elektripaigaldistes. See ohutuse põhipublikatsioon on eeskätt ette nähtud kasutamiseks tehnilistes komiteedes standardite koostamisel põhimõtete kohaselt, mis on esitatud juhendites IEC Guide 104 ja ISO/IEC Guide 51. Standard ei ole ette nähtud kasutamiseks tootjatele ega sertifitseerimisorganisatsioonidele. Tehniliste komiteede üks vastutusala on kasutada ohutuse põhipublikatsioone, kui vähegi võimalik, oma publikatsioonide koostamisel. Selle ohutuse põhipublikatsiooni nõuded rakenduvad üksnes siis, kui vastavates publikatsioonides on neile viidatud või kui nad neisse on lisatud.

Keel: et

Alusdokumendid: IEC 60445:2021; EN IEC 60445:2021

Kommenteerimise lõppkuupäev: 14.12.2021

prEVS-EN ISO 14065

Kasvuhoonegaasid. Üldised põhimõtted ja nõuded keskkonnavalase teabe valideerimis- ja tõendamisasutustele

See dokument määratleb põhimõtted ja nõuded asutustele, kes teostavad keskkonnavalase teabe avalduste valideerimist ja tõendamist. Kõik asutustega seotud programmi nõuded on lisaks selle dokumendi nõuetele. See dokument on ISO/IEC 17029:2019 valdkonnapõhine rakendus, mis sisaldab üldisi põhimõtteid ja nõudeid valideerimist/tõendamist vastavushindamistegevustena teostavate asutuste kompetentsusele, järjekindlale toimimisele ja erapooletusele. Lisaks ISO/IEC 17029:2019 nõuetele sisaldab see dokument sektorispetsiifilisi nõudeid.

Keel: et

Alusdokumendid: ISO 14065:2020; EN ISO 14065:2021

Kommenteerimise lõppkuupäev: 14.12.2021

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.

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

PIKENDAMISKÜSITLUS

EVS 929:2016

Tarkvõrk. Terminoloogia **Smart grid. Terminology**

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

Pikendamisküsitluse lõppkuupäev: 14.12.2021

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 736:1999

Raadioringhäälingusüsteem. Analoogsüsteemi helitrakti kvaliteedinäitajad Radiobroadcasting system. Sound-programme transmission chain quality parameters of analog system

Käesolev standard käsitleb ultralühilainealal raadioprogramme levitavate analoogringhäälingusüsteemide helitraktid kvaliteedinäitajaid.

Kehtima jätmise alus: Kommentaaride koond 12.11.2021 2-5/50 ja teade pikendamisküsitlusest 01.10.2021 EVS Teatajas

EVS 875-1:2015

Vara hindamine. Osa 1: Hindamise mõisted ja põhimõtted Property valuation - Part 1: Valuation Concepts and Principles

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenu tagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediitiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See Eesti standard on standardisarja EVS 875 „Vara hindamine“ sissejuhatav osa, milles kirjeldatakse hindamisega seotud mõisteid, põhimõtteid ja eesmärke, mis on olulised hindamise kui kutseala mõistmiseks ja standardite rakendamiseks. Tegemist on standardi EVS 875-1:2010 „Vara hindamine. Osa 1: Hindamise üldised alused“ uustöötusega.

Kehtima jätmise alus: EVS/TK 36 otsus 01.10.2021 2-5/48 ja teade pikendamisküsitlusest 01.10.2021 EVS Teatajas

EVS 875-2:2015

Vara hindamine. Osa 2: Varade liigid Property valuation - Part 2: Types of Properties

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenu tagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediitiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See Eesti standard on standardisarja EVS 875 „Vara hindamine“ sissejuhatav osa, milles kirjeldatakse hindamisega seotud mõisteid, põhimõtteid ja eesmärke, mis on olulised hindamise kui kutseala mõistmiseks ja standardite rakendamiseks. Tegemist on standardi EVS 875-2:2010 „Varade liigid“ uustöötusega.

Kehtima jätmise alus: EVS/TK 36 otsus 01.10.2021 2-5/48 ja teade pikendamisküsitlusest 01.10.2021 EVS Teatajas

EVS 875-3:2015

Vara hindamine. Osa 3: Hindamise alused Property valuation - Part 3: Valuation Bases

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusala on vara hindamise ja hinnangute kasutamise seotud tegevused, eelkõige laenu tagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediitiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See Eesti standard on standardisarja EVS 875 „Vara hindamine“ osa, milles defineeritakse väärtused, mida varahindamise standardid hõlmavad. Tegemist on standardi EVS 875-3:2010 „Vara hindamine. Osa 3: Väärtuse liigid“ uustöötusega.

Kehtima jätmise alus: EVS/TK 36 otsus 01.10.2021 2-5/48 ja teade pikendamisküsitlusest 01.10.2021 EVS Teatajas

TÜHISTAMISKÜSITLUS

Selles rubriigis avaldame teavet Euroopa standardimisorganisatsioonides algatatud Euroopa standardite tühistamisküsitluste kohta ning rahvusvahelise alusstandardiga Eesti standardite ja Eesti algupäraste dokumentide tühistamisküsitluste kohta. Küsitluse eesmärk on välja selgitada, kas allpool nimetatud standardite ja standardilaadsete dokumentide jätkuv kehtimine Eesti ja/või Euroopa standardina/dokumendina on vajalik.

Allviidatud standardite ja dokumentide kehtivana hoidmise vajalikkusest palume teavitada EVS-i standardiosakonda (standardiosakond@evs.ee).

EVS-EN 13402-1:2002

Rõivaste suurustähistus. Osa 1: Terminid, määratlused ja mõõduvõtmine (modifitseeritud ISO 3635:1981)

Size designation of clothes - Part 1: Terms, definitions and body measurement procedure (ISO 3635:1981, modified)

Standard määratleb kehamõõtmised rõivastele, määrab kindlaks menetluse keha mõõtmiseks ja esitab piktogrammid, mida tuleb kasutada rõivaetikettidel.

Keel: en, et

Alusdokumendid: EN 13402-1:2001

Tühistamisküsitluse lõppkuupäev: 14.12.2021

EVS-EN 13402-2:2002

Rõivaste suurustähistus. Osa 2: Suurustunnused ja abimõõtmised

Size designation of clothes - Part 2: Primary and secondary dimensions

Standard määrab kindlaks suurustunnused ja abimõõtmised kindlaksmääratud rõivaliikidele, mida tuleb kasutada koos standardiga EN 13402-1.

Keel: en, et

Alusdokumendid: EN 13402-2:2002

Tühistamisküsitluse lõppkuupäev: 14.12.2021

EVS-EN 61040:2002

Power and energy measuring detectors, instruments and equipment for laser radiation

This standard lays down definitions and minimum requirements, as well as suitable test procedures, for the characteristics and manufacturing standards for detectors, instruments and equipment for the measurement of power and energy of laser radiation.

Keel: en

Alusdokumendid: IEC 61040:1990; EN 61040:1992

Tühistamisküsitluse lõppkuupäev: 14.12.2021

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 50708-1-2:2021

Power transformers - Additional European requirements: Part 1-2 Common part - Assessment of energy performance

Eeldatav avaldamise aeg Eesti standardina 03.2022

EN ISO 14065:2021

Kasvuhoonegaasid. Üldpõhimõtted ja nõuded keskkonnaalase teabe kasutus- ja nõuetekohasuse tõendamist läbiviivatele asutustele General principles and requirements for bodies validating and verifying environmental information (ISO 14065:2020)

Eeldatav avaldamise aeg Eesti standardina 03.2022

AVALDATUD EESTIKEELSESD STANDARDIPARANDUSED

Selles rubriigis avaldame teavet Eesti standardite paranduste koostamise kohta. Standardiparandus koostatakse toimetusslikku laadi vigade (trükivead jms) kõrvaldamiseks standardist. Eesti standardi paranduse tähis koosneb standardi tähisest ja selle lõpu lisatud tähtedest AC.

Näiteks standardile EVS XXX:YYYY tehtud parandus kannab eraldi avaldatuna tähist EVS XXX:YYYY/AC:ZZZZ. Parandatud standardi tähis ei muutu.

EVS 914:2020/AC:2021

Koristuse kvaliteedi kokku leppimine ja hindamine
System for establishing and assessing cleaning quality

UUED EESTIKEELSESD STANDARDID JA STANDARDILAADSED DOKUMENDID

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

CEN/TR 16999:2019

Katuste päikeseenergiasüsteemid. Nõuded päikesepaneelide konstruktsioonilistele liidetele **Solar energy systems for roofs - Requirements for structural connections to solar panels**

See dokument annab juhiseid päikesepaneelide (termiliste või fotogalvaaniliste) ja lamedate või viilkatuste (kahekaldeliste katuste) vaheliste konstruktsiooniliste liidete ohutuse ja kasutatavuse põhimõtete ja nõuete kohta. See dokument ei sisalda nõudeid: — katuse, päikesepaneelide ja liidete ilmastikukindlusele; — päikesepaneelide elektrilistele, soojuslikele või mehaanilistele omadustele; — ettevaatusabinõudele rajatise tulekahju vältimiseks.

EVS-EN 1744-3:2002

Täitematerjalide keemiliste omaduste katsetamine. Osa 3: Eluaatide valmistamine täitematerjali leostamise teel

Tests for chemical properties of aggregates - Part 3: Preparation of eluates by leaching of aggregates

See Euroopa standard spetsifitseerib meetodi eluaatide valmistamiseks täitematerjalide leostamise teel, füüsikaliste ja keemiliste omaduste järgnevaks uurimiseks, kasutades vastavuskontrolli eesmärgil olemasolevaid standardmeetodeid. Seda kohaldatakse sidumata täitematerjalidele, mille osakeste suurus, kas peenestatult või peenestamata, on alla 32 mm (vt peatükk 8).

EVS-EN 50155:2021

Raudteealased rakendused. Raudteeveerem. Elektroonikaseadmed **Railway applications - Rolling stock - Electronic equipment**

See Euroopa standard kehtib kõigile raudteeveeremile paigaldatud juhtimis-, reguleerimis-, kaitse-, diagnostika-, elektritoite- jms süsteemide elektroonikaseadmetele. Standardi rakendamisel määratletakse elektroonikaseadmeid kui seadmeid, mis koosnevad elektroonikakomponentidest (nt takistid, kondensaatorid, transistorid, diodid, integraallülitused, hübriidid, rakenduse spetsiifilised integraallülitused, mähitud komponendid ja releed) ja tunnustatud seotud komponentidest (nt pistikud, mehaanilised osad). Need komponendid on paigaldatud peamiselt trükkplaatidele. Jõuelektroonika seadmete andurid (nt vool, pinge, kiirus) ja pooljuhtseadised on samuti selle standardiga kaetud. Terviklikke pooljuhtseadmeid ja muundureid käsitletakse standardis EN 61287-1. See dokument hõlmab elektroonikaseadmete töötingimuste, projekteerimise, dokumenteerimise, katsetamise ja integreerimise nõudeid, samuti ühilduvate ja usaldusväärsete seadmete jaoks vajalikku peetavaid riist- ja tarkvaranõudeid. Konkreetseid nõudeid praktikatele, mis on vajalikud ohutuse terviklikkuse taseme või funktsionaalse ohutuse tagamiseks, pole selles dokumendis käsitletud. Sellest hoolimata kehtib see dokument kõigi veeremi elektroonikaseadmete või -süsteemide, millega täidetakse ohutusega seotud funktsioone riistvarale. Nõuded rongisisestest raudteeseadmete tarkvarale on määratletud standardis EN 50657.

EVS-EN 508-1:2021

Plekist katuse- ja seinakattetooted. Isekandvate terasest, alumiiniumist ja roostevabast terasest plekist valmistatud toodete spetsifikatsioon. Osa 1: Teras

Roofing and cladding products from metal sheet - Specification for self-supporting products of steel, aluminium or stainless steel sheet - Part 1: Steel

See standardi EN 508 osa esitab nõuded välise katuste ja seinte kattena (fassaadi kattena), vooderduse, kassettprofiilidena ja katusekiviprofiilidena kasutatavale, mittepidevalt (tükkidena) paigaldatavale isekandvale profileeritud metallkattega terasplekile, mis on täiendava orgaanilise pinnakattega või ilma. Samuti kuulub käsitlusalasse soojustusega ja membraaniga kaetud plekk. See dokument kehtestab üldised omadused, määratlused, klassifikatsiooni ning toodete sildistamise koos nõuetega materjalidele, millest neid tooteid võib valmistada. Standard on mõeldud kasutamiseks nii tootjatele, tagamaks toodete vastavuse nõuetele, kui ka ostjatele, veendumaks, et ostetud tooted vastavad nõuetele enne nende tehases väljastamist. Standard määratleb nõuded toodetele, mida on võimalik kasutada kõigis normaalses ekspluatatsioonitingimustes. See dokument kehtib kõigile mittepidevalt paigaldatavatele isekandvatele väliskasutuse profileeritud katuseplaatidele, seinakatetele, vooderdustele ning kassettprofiilidele, välja arvatud katusekiviprofiiliga tooted, mille pind on väiksem kui 1 m² ning mis on toodetud stantsimise teel. Need profileeritud katuseplaadid on kujundatud, takistamaks tuule, vihma ja lume hoonesse sattumist ning edastamaks kõik summaarsed koormused ja harva esinevad hoolduskoormused kandekonstruktsioonile. See dokument ei hõlma kandekonstruktsiooniks ette nähtud tooteid, st see hõlmab konstruktsiooniklassi III kuuluvaid ehitistes kasutatavaid tooteid (standardi EN 1993-1-3 kohaselt), ei hõlma aga konstruktsiooniklassidesse I ja II kuuluvaid ehitistes kasutatavaid tooteid (standardi EN 1993-1-3 kohaselt), mis on ette nähtud hoone konstruktsiooni üldise või osalise stabiilsuse kindlustamiseks, tagades löiketugevuse või vastupanu püsivatele staatilistele koormustele (välja arvatud pleki omakaal). Standard ei sisalda nõudeid kandekonstruktsiooni, katuse, seinakatte, vooderduse ja katusekiviprofiilide kujunduse ning ühenduste ja hüdroisolatsiooni teostuse kohta.

[EVS-EN 55011:2016/A2:2021](#)

Tööstus-, teadus- ja meditsiiniseadmed. Raadiosageduslike häiringute tunnussuurused. Piirväärtused ja mõõtemetodid
Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement (CISPR 11:2015/A2:2019)

Standardi EN 55011:2016 muudatus

[EVS-EN 55011:2016+A1+A11+A2:2021](#)

Tööstus-, teadus- ja meditsiiniseadmed. Raadiosageduslike häiringute tunnussuurused. Piirväärtused ja mõõtemetodid
Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement (CISPR 11:2015, modified + CISPR 11:2015/A1:2016 + CISPR 11:2015/A2:2019)

See rahvusvaheline standard rakendub tööstuslikult, teaduslikult ja meditsiiniliselt kasutatavatele seadmetele, mis töötavad sagedusvahemikus 0 Hz kuni 400 GHz, ja riigisestele ja taoliste rakendustele, mis tekitavad ja/või kasutavad kohapeal raadiosagedusenergiat. See standard katab emissioonide nõuded, mis on seotud raadiosageduslike (RF) häiringutega sagedusvahemikus 9 kHz kuni 400 GHz. Mõõtmised tuleb teha ainult sagedusvahemikes, millel on kirjeldatud piirväärtused peatükis 6. ISM RF rakenduste korral ITU raadioeeskirjade määratluse tähenduses (vaata määratlus 3.13) katab see standard emissioonide nõuded, mis on seotud raadiosageduslike häiringutega sagedusvahemikus 9 kHz kuni 18 GHz. MÄRKUS Induktioonküpsetusrakenduste emissioonide nõuded on kirjeldatud standardis CISPR 14-1 [1]. ISM RF valgustusseadmete ja UV-kiirgurite nõuded, mis töötavad ISM-sagedusalade sisse langevatel ITU raadioeeskirjades määratletud sagedustel, sisalduvad selles standardis. Seadmed, mis on kaetud muude CISPR-i toodete ja tooteperekondade emissioonide standarditega, on väljaspool selle standardi käsitlusala.

[EVS-EN IEC 61936-1:2021](#)

Tugevoolupaigaldised nimivahelduvpingega üle 1 kV ja alalispingega üle 1,5 kV. Osa 1: Vahelduvpinge

Power installations exceeding 1 kV AC and 1,5 kV DC - Part 1: AC (IEC 61936-1:2021)

See standardisarja IEC 61936 osa esitab üle 1 kV nimivahelduvpingega ja kuni 60 Hz nimisagedusega võrkude tugevoolupaigaldiste projekteerimise ja ehitamise üldnõuded, tagamaks nende kasutamise ettenähtud ohutus ja nõuetekohane toimivus. Selles standardis mõistetakse tugevoolupaigaldisi alljärgnevalt: a) alajaamad, sealhulgas elektriraudtee toitealajaamad; b) elektripaigaldised postidel, mastidel ja tornides, väljaspool suletud elektrikäiduala paiknevad jaotlad ja/või trafod; c) ühessamas paigas asuv(ad) üks (või mitu) elektri jaama plokki, paigaldised sisaldab generaatoreid ja trafosid koos kõigi nende juurde kuuluvate jaotlate ja abivooluahelatega. Eri paikades asuvate elektri jaama plokide vahelised ühendused siia hulka ei kuulu; d) tehaste, tootmisettevõtete või muude tööstuslike, põllumajanduslike, kaubanduslike või avalike asutuste elektrivõrgud; e) rannikumere platvormide elektripaigaldised elektrienergia tootmiseks, ülekandmiseks, jaotamiseks ja/või salvestamiseks. f) lõpu-/üleline kumastid (õhuliinide ja maa-aluste liinide vahel). Tugevoolupaigaldisse kuuluvad muude kõrval järgmised seadmed ja seadmekompleksid: — pöörlevad elektrimasinad; — lülitus- ja juhtimisseadmed; — trafod ja reaktorid; — muundurid; — kaablid; — juhistikud; — akupatareid; — kondensaatoreid; — maanduspaigaldised; — suletud elektrikäiduala koostisse kuuluvad hooned ja tarad; — liidetud kaitse-, juhtimise- ja abisüsteemid; — suuremõõtmeline õhksüdamikreaktor. MÄRKUS 1 Üldjuhul on seadmestandard selle standardi suhtes ülimuslik. Seda standardit ei rakendata järgmiste paigaldiste ja rajatiste projekteerimisel ja ehitamisel: — eri paigaldiste vahelised õhu- ja maa-alused liinid; — elektriraudteed ja veerem; — kaevandusseadmed ja -paigaldised; — luminofoorlampipaigaldised; — paigaldised laevadel standardisarja IEC 60092 (kõik osad) kohaselt ja rannikumere paigaldised standardisarja IEC 61892 (kõik osad) kohaselt, mida kasutatakse rannikumere naftatööstuses puurimiseks, töötlemiseks ja ladustamiseks; — elektrostaatilised seadmed (nt elektrostaatilised sadestid, värvipihustid); — katsetamispaigad; — meditsiiniseadmed, nt meditsiinilised röntgenseadmed. Standardit ei rakendata tehasetooteliste tüübikatsetatud jaotusseadmetele ja tehasetooteliste kõrgepinge/madalpinge-alajaamadele, mille kohta on olemas eraldi IEC standardid. MÄRKUS 2 Standardit ei rakendata pingealustele töödele esitatud nõuetele elektripaigaldistes. MÄRKUS 3 See standard käsitleb kõrgepingepaigaldiste ohutusnõudeid ja kõrgepingepaigaldiste mõju madalpingepaigaldistele. Kuni 1 kV elektripaigaldiste kohta rakendub standardisari IEC 60364 (kõik osad).

[EVS-EN ISO 1463:2021](#)

Metall- ja oksiidpinnakatted. Pinnakatte paksuse mõõtmine. Mikroskoobi meetod
Metallic and oxide coatings - Measurement of coating thickness - Microscopical method (ISO 1463:2021)

See dokument spetsifitseerib meetodi metalliliste pinnakatte, oksiidsete kihtide, portselan- või klaasemalikatete paksuse määramiseks ristlõigete mikroskoobi uuringute kaudu optilise mikroskoobi abil.

[EVS-EN ISO 15614-12:2021](#)

Metallide keevitusprotseduuride spetsifitseerimine ja kvalifitseerimine. Keevituse protseduuri katse. Osa 12: Punkt-, joon- ja projektsioonkeevitus

Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 12: Spot, seam and projection welding (ISO 15614-12:2021)

See dokument määratleb katsetused, mida võib kasutada keevitusprotseduuri spetsifikaatide kvalifitseerimisel punkt-, joon- ja projektsioonkeevitusprotsesside korral. MÄRKUS Protseduurid reljeefprojektsioonkeevituse jaoks on kirjutatud. Neid saab kohandada ka tahkefaas projektsioonide korral, nt mutrikeevitus, tihvtide keevitamine, risttraadi keevitamine. See dokument

määratleb tingimused katsete teostamiseks ja kvalifitseeritud keevitusprotseduuride kehtivusulatused kõigile selle dokumendiga hõlmatud praktilistele keevitusoperatsioonidele. See käsitleb järgmisi kontaktkeevituse protsesse, nagu määratletud standardis ISO 4063: — 21 – punktkontaktkeevitus; — 211 – kaudpunktkeevitus (ingl indirect spot welding); — 212 – otsepunktkeevitus (ingl direct spot welding); — 22 – joonkontaktkeevitus; — 221 – katteliide joonkeevitus (ingl lap seam welding); — 222 – plastse deformeerimisega joonkeevitus (ingl mash seam welding); — 223 – ettevalmistatud servadega joonkontaktkeevitus (ingl prep-lap seam welding); — 224 – vahetraadiga joonkontaktkeevitus (ingl wire seam welding); — 225 – foolium põkk-joonkeevitus (ingl foil butt-seam welding); — 226 – joonkeevitus ribana (ingl seam welding with strip); — 23 – projektsioonkeevitus; — 231 – kaud-projektsioonkeevitus (ingl indirect projecton welding); — 232 – otseprojektsioonkeevitus (ingl direct projecton welding).

EVS-EN ISO 3696:2000

Laboratoorsel analüüsimisel kasutatav vesi. Iseloomustus ja katsemeetodid Water for analytical laboratory use - Specification and test methods

See rahvusvaheline standard täpsustab anorgaaniliste kemikaalide laboratoorsel analüüsimisel kasutatavate kolme vee klassi nõuded ja vastavad katsemeetodid. Seda ei kasutata vee orgaaniliste jälgede analüüsiks, vee pindaktiivsete ainete või vee bioloogiliseks või meditsiiniliseks analüüsiks. MÄRKUS Mõnel põhjusel (näiteks mõnede analüüsimeetodite või katsete puhul, mille puhul vesi peab olema steriilne, pürogeenivaba või kindlaksmääratud pindpinevusega), võib osutada vajalikuks teha täiendavaid erikatseid ja järelepuhastamist või muud töötlemist.

EVS-EN ISO/IEC 17029:2019

Vastavushindamine. Üldised põhimõtted ja nõuded valideerimis- ja tõendamisasutustele Conformity Assessment - General principles and requirements for validation and verification bodies (ISO/IEC 17029:2019)

See dokument sisaldab üldisi põhimõtteid ja nõudeid valideerimist/tõendamist vastavushindamistegevustena teostavate asutuste kompetentsusele, järjekindlale toimimisele ja erapooletusele. Selle dokumendi järgi tegutsevad asutused saavad pakkuda valideerimist/tõendamist kui esimese osapoole, teise osapoole või kolmanda osapoole tegevust. Asutus võib olla ainult valideerimisasutus, ainult tõendamisasutus või pakkuda mõlemaid tegevusi. See dokument kohaldub valideerimis-/tõendamisasutustele kõigis sektorites, andes kinnituse, et väited määratletud tulevase kasutuse suhtes on kas usaldusväärsed (valideerimine) või tõeselt avaldatud (tõendamine). Selle dokumendi järgi ei kuulu teiste vastavushindamistegevuste (nt katsetamise, inspekteerimise ja sertifitseerimise) tulemused siiski valideerimisele/tõendamisele. Samuti ei kuulu ka olukorrad, kus valideerimis-/tõendamistegevusi viiakse läbi muu vastavushindamistegevuse protsessi etappidena. Seda dokumenti saab kohaldada igale sektorile koos sektoripõhiste programmidega, mis sisaldavad valideerimis-/tõendamisprotsesside ja protseduuride nõudeid. Seda dokumenti võivad aluseks kasutada akrediteerimisasutused akrediteerimiseks, vastastikuse hindamise grupid vastastikusel hindamisel või muul viisil valideerimis-/tõendamisasutuste tunnustamisel rahvusvahelised või piirkondlikud organisatsioonid, valitsused, seaduses sätestatud ametkonnad, programmi omanikud, valdkondlikud asutused, ettevõtted, kliendid ja tarbijad. MÄRKUS See dokument sisaldab üldisi nõudeid ja on rakendatavate valideerimis-/tõendamisprogrammide suhtes neutraalne. Kohaldatavate programmide nõuded lisanduvad selle dokumendi nõuetele.

EVS-ISO 21500:2021

Projekti-, programmi- ja portfelli juhtimine. Kontekst ja kontseptsioonid Project, programme and portfolio management - Context and concepts (ISO 21500:2021, identical)

See dokument määratleb organisatsioonilise konteksti ja aluskontseptsioonid projekti-, programmi- ja portfelli juhtimiseks ning annab organisatsioonidele juhised projekti-, programmi- ja portfelli juhtimise juurutamiseks ning parendamiseks, kasutades tehnilise komitee ISO/TC 258 ette valmistatud standardeid. See dokument on rakendatav enamikus, kaasa arvatud avalikes ja eraorganisatsioonides, olenemata nende suurusest ja tüübist, ning kõigis projektides, programmides ja portfelliges, olenemata nende keerukusest, suurusest või kestusest. Lisajuhised projekti-, programmi- ja portfelli juhtimiseks ning ka valitsemiseks annavad ISO 21502, ISO 21503, ISO 21504 ja ISO 21505.

EVS-ISO 21502:2021

Projekti-, programmi- ja portfelli juhtimine. Projektijuhtimise alused Project, programme and portfolio management - Guidance on project management (ISO 21502:2020, identical)

See dokument annab juhised projektijuhtimiseks. See on rakendatav kõigis organisatsioonides, sealhulgas avalikes, era- ja heategevuslikes organisatsioonides, ning kõigis projektides, sõltumata otstarbest, toimeviisist, elutsükli mudelist, keerukusest, suurusest, maksumusest või kestusest. MÄRKUS Toimeviis võib olla mis tahes meetod või protsess, mis sobib väljundite tüübiga, näiteks ennustav, inkrementaalne, iteratiivne, kohanduv (adaptiivne) või hübriidne, sealhulgas agiilsed lähenemisviisid. See dokument annab üldised kirjeldused menetlustest, mida peetakse hästi toimivaks ja häid tulemusi andvaks projektijuhtimise kontekstis. See dokument ei anna juhiseid programmide või portfelliges juhtimiseks. Teemasid, mis puudutavad üldist juhtimist, käsitletakse ainult projektijuhtimise kontekstis.

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 1744-3:2002	Täitematerjali keemiliste omaduste katsetamine. Osa 3: Täitematerjali leostamine	Täitematerjalide keemiliste omaduste katsetamine. Osa 3: Eluaatide valmistamine täitematerjali leostamise teel

UUED EESTIKEELSESED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
CEN/TR 16999:2019	Solar energy systems for roofs - Requirements for structural connections to solar panels	Katuste päikeseenergiasüsteemid. Nõuded päikesepaneelide konstruktsioonilistele liidetele
EVS-EN ISO 1463:2021	Metallic and oxide coatings - Measurement of coating thickness - Microscopical method (ISO 1463:2021)	Metall- ja oksiidpinnakatted. Pinnakatte paksuse mõõtmine. Mikroskoobi meetod