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EVS TEATAJA

Uued Eesti standardid

Standardikavandite arvamusküsitlus

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite tõlked kommenteerimisel

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

SISUKORD

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID	3
ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID	36
STANDARDIKAVANDITE ARVAMUSKÜSITLUS	51
TÖLKED KOMMENTEERIMISEL	81
STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE ÜLEVAATUS	84
TÜHISTAMISKÜSITLUS	85
TEADE EUROOPA STANDARDI OLEMASOLUST	86
UUED EESTIKEELSE STANDARDID JA STANDARDILAADSED DOKUMENDID	87
STANDARDIPEALKIRJADE MUUTMINE	90
UUED HARMONEERITUD STANDARDID	91
TAASKEHTESTATAV EESTI STANDARD	95

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 17399:2020

Algae and algae products - Terms and definitions

This document defines the terms related to functions, products, and properties of algae and algae products. In order to better pack the methodologies, algae are regarded as a functional group of organisms consisting of microalgae, macroalgae, cyanobacteria and Labyrinthulomycetes.

Keel: en

Alusdokumendid: EN 17399:2020

EVS-EN ISO 16972:2020

Respiratory protective devices - Vocabulary and graphical symbols (ISO 16972:2020)

This document defines terms and specifies units of measurement for respiratory protective devices (RPDs), excluding diving apparatus. It indicates graphical symbols that can be required on RPDs, parts of RPD or instruction manuals in order to instruct the person(s) using the RPD as to its operation. NOTE Terms and definitions for diving apparatus are given in EN 250.

Keel: en

Alusdokumendid: ISO 16972:2020; EN ISO 16972:2020

Asendab dokumenti: EVS-EN 132:1999

EVS-EN ISO 7010:2020

Graphical symbols - Safety colours and safety signs - Registered safety signs (ISO 7010:2019)

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

Keel: en

Alusdokumendid: ISO 7010:2019; EN ISO 7010:2020

Asendab dokumenti: EVS-EN ISO 7010:2012

Asendab dokumenti: EVS-EN ISO 7010:2012/A1:2014

Asendab dokumenti: EVS-EN ISO 7010:2012/A2:2014

Asendab dokumenti: EVS-EN ISO 7010:2012/A3:2014

Asendab dokumenti: EVS-EN ISO 7010:2012/A4:2014

Asendab dokumenti: EVS-EN ISO 7010:2012/A5:2015

Asendab dokumenti: EVS-EN ISO 7010:2012/A6:2016

Asendab dokumenti: EVS-EN ISO 7010:2012/A7:2017

EVS-EN ISO 80000-8:2020

Suurused ja ühikud. Osa 8: Akustika

Quantities and units - Part 8: Acoustics (ISO 80000-8:2020)

See dokument sätestab akustiliste suuruste nimetused, tähised, määratlused ja ühikud. Kus vajalik, on antud ka üleminekutegurid.

Keel: en, et

Alusdokumendid: ISO 80000-8:2020; EN ISO 80000-8:2020

Asendab dokumenti: EVS-EN ISO 80000-8:2007

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

EVS-EN ISO/IEC 27019:2020

Information technology - Security techniques - Information security controls for the energy utility industry (ISO/IEC 27019:2017, Corrected version 2019-08)

ISO/IEC 27019:2017 provides guidance based on ISO/IEC 27002:2013 applied to process control systems used by the energy utility industry for controlling and monitoring the production or generation, transmission, storage and distribution of electric power, gas, oil and heat, and for the control of associated supporting processes. This includes in particular the following: - central and distributed process control, monitoring and automation technology as well as information systems used for their operation, such as programming and parameterization devices; - digital controllers and automation components such as control and field devices or Programmable Logic Controllers (PLCs), including digital sensor and actuator elements; - all further supporting information systems used in the process control domain, e.g. for supplementary data visualization tasks and for controlling, monitoring, data archiving, historian logging, reporting and documentation purposes; - communication technology used in the process control domain, e.g. networks, telemetry, telecontrol applications and remote control technology; - Advanced Metering Infrastructure (AMI) components, e.g. smart meters; - measurement devices, e.g. for emission values; - digital protection and safety systems, e.g.

protection relays, safety PLCs, emergency governor mechanisms; - energy management systems, e.g. of Distributed Energy Resources (DER), electric charging infrastructures, in private households, residential buildings or industrial customer installations; - distributed components of smart grid environments, e.g. in energy grids, in private households, residential buildings or industrial customer installations; - all software, firmware and applications installed on above-mentioned systems, e.g. DMS (Distribution Management System) applications or OMS (Outage Management System); - any premises housing the above-mentioned equipment and systems; - remote maintenance systems for above-mentioned systems. ISO/IEC 27019:2017 does not apply to the process control domain of nuclear facilities. This domain is covered by IEC 62645. ISO/IEC 27019:2017 also includes a requirement to adapt the risk assessment and treatment processes described in ISO/IEC 27001:2013 to the energy utility industry-sector-specific guidance provided in this document.

Keel: en

Alusdokumendid: ISO/IEC 27019:2017; EN ISO/IEC 27019:2020

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN ISO 21043-2:2020

Forensic sciences - Part 2: Recognition, recording, collecting, transport and storage of items (ISO 21043-2:2018)

This document specifies requirements for the forensic process focusing on recognition, recording, collection, transport and storage of items of potential forensic value. It includes requirements for the assessment and examination of scenes but is also applicable to activities that occur within the facility. This document also includes quality requirements. This document is not applicable to procedures for the recovery of data from digital storage media which is covered by ISO/IEC 27037. However, the storage medium itself can yield additional items of forensic value (e.g. fingerprints or DNA). Annex D shows the applicability of this document to the forensic process.

Keel: en

Alusdokumendid: ISO 21043-2:2018; EN ISO 21043-2:2020

EVS-EN ISO 6579-1:2017/A1:2020

Microbiology of the food chain - Horizontal method for the detection, enumeration and serotyping of Salmonella - Part 1: Detection of Salmonella spp. - Amendment 1 Broader range of incubation temperatures, amendment to the status of Annex D, and correction of the composition of MSRV and SC (ISO 6579-1:2017/Amd 1:2020)

Amendment for EN ISO 6579-1:2017

Keel: en

Alusdokumendid: ISO 6579-1:2017/Amd 1:2020; EN ISO 6579-1:2017/A1:2020

Muudab dokumenti: EVS-EN ISO 6579-1:2017

11 TERVISEHOOLDUS

EVS-EN 13718-1:2014+A1:2020

Meditsiinis kasutatavad liiklusvahendid ja nende varustus. Aerokiirabi. Osa 1: Nõuded aerokiirabis kasutatavatele meditsiiniseadmetele

Medical vehicles and their equipment - Air ambulances - Part 1: Requirements for medical devices used in air ambulances

This European Standard specifies general requirements for medical devices carried in air ambulances and used therein and outside hospitals and clinics in situations where the ambient conditions can differ from normal indoor conditions. This European Standard does not cover the requirements for approval and registration of the vehicle and the training of the staff which is the responsibility of the authority/authorities in the country where the ambulance is to be registered.

Keel: en

Alusdokumendid: EN 13718-1:2014+A1:2020

Asendab dokumenti: EVS-EN 13718-1:2014

EVS-EN 13718-2:2015+A1:2020

Meditsiinis kasutatavad liiklusvahendid ja nende varustus. Aerokiirabi. Osa 2: Aerokiirabi toimimis- ja tehnilised nõuded

Medical vehicles and their equipment - Air ambulances - Part 2: Operational and technical requirements for air ambulances

This part of EN 13718 specifies the requirements for performance and equipping for air ambulances, including requirements for interfaces to medical devices used for the transport and treatment of sick or injured persons. This part of EN 13718 is applicable to air ambulances capable of transporting at least one person on a stretcher. NOTE Requirements are specified for categories of air ambulances based on the different intended use. These are the helicopter emergency medical service (HEMS) the helicopter intensive care medical service (HICAMS) and the fixed wing air ambulance (FWAA).

Keel: en

Alusdokumendid: EN 13718-2:2015+A1:2020

Asendab dokumenti: EVS-EN 13718-2:2015

EVS-EN ISO 15098:2020

Dentistry - Dental tweezers (ISO 15098:2020)

This document specifies general requirements and test methods for metallic dental tweezers of the Meriam type and for College type. This document is not applicable to anatomical tweezers and surgical tweezers.

Keel: en

Alusdokumendid: ISO 15098:2020; EN ISO 15098:2020

Asendab dokumenti: EVS-EN ISO 15098-1:2001

Asendab dokumenti: EVS-EN ISO 15098-2:2000

Asendab dokumenti: EVS-EN ISO 15098-3:2000

EVS-EN ISO 22367:2020

Medical laboratories - Application of risk management to medical laboratories (ISO 22367:2020)

This document specifies a process for a medical laboratory to identify and manage the risks to patients, laboratory workers and service providers that are associated with medical laboratory examinations. The process includes identifying, estimating, evaluating, controlling and monitoring the risks. The requirements of this document are applicable to all aspects of the examinations and services of a medical laboratory, including the pre-examination and post-examination aspects, examinations, accurate transmission of test results into the electronic medical record and other technical and management processes described in ISO 15189. This document does not specify acceptable levels of risk. This document does not apply to risks from post-examination clinical decisions made by healthcare providers. This document does not apply to the management of risks affecting medical laboratory enterprises that are addressed by ISO 31000, such as business, economic, legal, and regulatory risks.

Keel: en

Alusdokumendid: ISO 22367:2020; EN ISO 22367:2020

Asendab dokumenti: CEN ISO/TS 22367:2010

EVS-EN ISO 7787-2:2020

Dentistry - Laboratory cutters - Part 2: Carbide laboratory cutters (ISO 7787-2:2020)

This document specifies dimensional and other requirements for the 11 most commonly used carbide cutters which are predominantly used in the dental laboratory. NOTE These cutters are also used in podiatry.

Keel: en

Alusdokumendid: ISO 7787-2:2020; EN ISO 7787-2:2020

Asendab dokumenti: EVS-EN ISO 7787-2:2001

EVS-EN ISO 80601-2-12:2020

Meditsiinilised elektriseadmed. Osa 2-12: Erinõuded kriitilise meditsiiniabi andmisel kasutatavate hingamisaparaatide esmase ohutuse ja oluliste toimimishäirete osas Medical electrical equipment - Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators (ISO 80601-2-12:2020)

This document applies to the basic safety and essential performance of a ventilator in combination with its accessories, hereafter referred to as ME equipment: - intended for use in an environment that provides specialized care for patients whose conditions can be life-threatening and who can require comprehensive care and constant monitoring in a professional healthcare facility; NOTE 1 For the purposes of this document, such an environment is referred to as a critical care environment. Ventilators for this environment are considered life-sustaining. NOTE 2 For the purposes of this document, such a ventilator can provide transport within a professional healthcare facility (i.e. be a transit-operable ventilator). NOTE 3 A critical care ventilator intended for use in transport within a professional healthcare facility is not considered as an emergency medical services environment ventilator. - intended to be operated by a healthcare professional operator; and - intended for those patients who need differing levels of support from artificial ventilation including for ventilator-dependent patients. A critical care ventilator is not considered to utilize a physiologic closed-loop-control system unless it uses a physiological patient variable to adjust the ventilation therapy settings. This document is also applicable to those accessories intended by their manufacturer to be connected to a ventilator breathing system, or to a ventilator, where the characteristics of those accessories can affect the basic safety or essential performance of the ventilator. NOTE 4 If a clause or subclause is specifically intended to be applicable to ME equipment only, or to ME systems only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME equipment and to ME systems, as relevant. Hazards inherent in the intended physiological function of ME equipment or ME systems within the scope of this document are not covered by specific requirements in this document except in IEC 60601-1:2005, 7.2.13 and 8.4.1. NOTE 5 Additional information can be found in IEC 60601-1:2005+AMD1:2012, 4.2. This document is not applicable to ME equipment or an ME system operating in a ventilator-operational mode solely intended for patients who are not dependent on artificial ventilation. NOTE 6 A critical care ventilator, when operating in such a ventilator-operational mode, is not considered life-sustaining. This document is not applicable to ME equipment that is intended solely to augment the ventilation of spontaneously breathing patients within a professional healthcare facility. This document does not specify the requirements for: - ventilators or accessories intended for anaesthetic applications, which are given in ISO 80601-2-13 [2]; - ventilators or accessories intended for the emergency medical services environment, which are given in ISO 80601-2-84 [3], the future replacement for ISO 10651-3 [4]; - ventilators or accessories intended for ventilator-dependent patients in the home healthcare environment, which are given in ISO 80601-2-72 [5]; - ventilators or accessories intended for home-care ventilatory support devices, which are given in ISO 80601-2-79 [6] and ISO 80601-2-80 [7], the replacements for ISO 10651-6 [8]; - sleep apnoea therapy me equipment, which are given in ISO 80601-2-70 [9]; - continuous positive airway pressure (CPAP) me equipment; - high-frequency jet ventilators (HFJVs); - high-frequency oscillatory ventilators (HFOVs) [10]; - oxygen therapy constant flow me equipment; - cuirass or "iron-lung" ventilation equipment. This document is a document in the IEC 60601 and IEC/ISO 80601 series of documents.

Keel: en

Alusdokumendid: ISO 80601-2-12:2020; EN ISO 80601-2-12:2020

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TR 16192:2020

Waste - Guidance on analysis of eluates

This document summarizes methods for the determination of the parameters pH, ammonium, AOX, As, Ba, Cd, Cl-, easily liberatable cyanide, Co, Cr, Cr(VI), Cu, DOC/TOC, electrical conductivity, F-, Hg, Mo, Ni, NO₂-, Pb, phenol index, total S, Sb, Se, SO₄²⁻, TDS, V and Zn in aqueous eluates for the characterization of waste.

Keel: en

Alusdokumendid: CEN/TR 16192:2020

Asendab dokumenti: EVS-EN 16192:2011

EVS-EN 14025:2018/AC:2020

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

This document specifies the minimum requirements for the design and construction of metallic pressure tanks having a maximum working pressure exceeding 50 kPa (0,5 bar), for the transport of dangerous goods by road and rail and sea. This document includes requirements for openings, closures and structural equipment; it does not cover requirements of service equipment. For tanks for the transport of cryogenic liquids, EN 13530-1 and EN 13530-2 apply. Design and construction of pressure tanks according to the Scope of this document are primarily subject to the requirements of RID/ADR, Subsections 6.8.2.1, 6.8.3.1 and 6.8.5, as relevant. In addition, the relevant requirements of RID/ADR, Table A, columns 12 and 13, to Chapters 3.2, 4.3 and Subsection 6.8.2.4 apply. For the structural equipment RID/ADR, Subsections 6.8.2.2 and 6.8.3.2 apply, as relevant. The definitions of RID/ADR, Subsection 1.2.1, are referred to. For portable tanks see also RID/ADR, Chapter 4.2 and Sections 6.7.2 and 6.7.2. In addition, the relevant requirements of RID/ADR, Table A, Columns 10 and 11 to Chapters 3.2, 4.2, and Sections 6.7.2 and 6.7.3 apply. The paragraph numbers above relate to the 2017 issue of RID/ADR which are subject to regular revisions. This can lead to temporary non-compliances with EN 14025. This document is applicable to liquefied gases including LPG; however for a dedicated LPG standard see EN 12493. If not otherwise specified, provisions which take up the whole width of the page apply to all kind of tanks. Provisions contained in a single column apply only to: tanks according to RID/ADR Chapter 6.8 (left-hand column); portable tanks according to RID/ADR Chapter 6.7 (right-hand column).

Keel: en

Alusdokumendid: EN 14025:2018/AC:2020

Parandab dokumenti: EVS-EN 14025:2018

EVS-EN 15597-1:2020

Winter maintenance equipment - Spreading and spraying machines - Part 1: General requirements and definitions

This document specifies the requirements on design and construction of bulk spreaders and sprayers, trailer spreaders and towed spreaders with speed related spreading for winter service. This document also deals with information about the minimum content required for operating manuals. The document is valid for machines, which are used to spread the following spreading agents: - not pre-wetted and pre-wetted spreading agents; - abrasive spreading agents; - liquid spreading agents (brine). This document is not applicable to: - requirements for registration and approval; - requirements made by automobile manufacturers; - requirements on safety, which are dealt with in EN 17106-1 and EN 17106-3-2.

Keel: en

Alusdokumendid: EN 15597-1:2020

Asendab dokumenti: EVS-EN 15597-1:2009

EVS-EN 17084:2018/AC:2020

Raudteealased rakendused. Tuleohutus raudteeveeremis. Materjalide ja komponentide toksilisuse katsetamine

Railway applications - Fire protection on railway vehicles - Toxicity test of materials and components

This document describes the measurement of the toxicity potential of the products of combustion based on two test methods: - Method 1: EN ISO 5659-2 Smoke chamber area-based test with Fourier transform infrared spectroscopy (FTIR) gas analysis techniques; - Method 2: NF X70-100-2 Tubular furnace small mass-based test. NOTE 1 This document also specifies test equipment and set out the calculation procedures for evaluation of toxicity data. NOTE 2 This document can be used in addition to others for the determination of toxic gases from devices installed in tunnel.

Keel: en

Alusdokumendid: EN 17084:2018/AC:2020

Parandab dokumenti: EVS-EN 17084:2018

EVS-EN 17092-1:2020

Kaitserõivad mootorratturitele. Osa 1: Katsemeetodid

Protective garments for motorcycle riders - Part 1: Test methods

This document describes some of the test methods for use with EN 17092 protective garments for motorcycle riders (Part 2 and following parts). It describes the appropriate test methods for zoning, ergonomics, mechanical properties and impact abrasion resistance.

Keel: en

Alusdokumendid: EN 17092-1:2020

Asendab dokumenti: EVS-EN 13595-1:2002

Asendab dokumenti: EVS-EN 13595-2:2003

Asendab dokumenti: EVS-EN 13595-3:2002

Asendab dokumenti: EVS-EN 13595-4:2002

EVS-EN 17399:2020

Algae and algae products - Terms and definitions

This document defines the terms related to functions, products, and properties of algae and algae products. In order to better pack the methodologies, algae are regarded as a functional group of organisms consisting of microalgae, macroalgae, cyanobacteria and Labyrinthulomycetes.

Keel: en

Alusdokumendid: EN 17399:2020

EVS-EN 45552:2020

General method for the assessment of the durability of energy-related products

The standard will cover a set of parameters for assessing durability of energy-related products (ErP) and a general method to describe and assess the durability of ErP, i.e. both electrotechnical and non-electro technical products, respectively it shall be applicable to all energy-related products, that is, all products covered by the Ecodesign Directive 2009/125/EC.

Keel: en

Alusdokumendid: EN 45552:2020

EVS-EN 50306-1:2020

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 1: General requirements

EN 50306-1 specifies the general requirements applicable to the cables given in EN 50306-2, EN 50306-3 and EN 50306-4. It includes the detailed requirements for S2 sheathing materials and other components called up in the separate parts. NOTE Detailed requirements for insulation systems are given in EN 50306-2. In particular, EN 50306-1 specifies those requirements relating to fire safety which enable the cables to satisfy Hazard Level 3 of EN 45545-1 and EN 45545-2. These cables are rated for occasional thermal stresses which causes ageing equivalent to continuous operational life at a temperature of 105 °C or 90 °C. For standard cables, this is determined by the acceptance test defined in EN 50305, using accelerated long-term (5 000 h) thermal ageing indicating a 125 °C or 110 °C /20 000 h temperature index. If the customer were to require lifetime predictions, this would be demonstrated based on the temperature index of the product as supplied by the manufacturer. The maximum temperature for short circuit conditions is 160 °C based on duration of 5 s. EN 50306-1 is expected to be used in conjunction with one or more of the other parts of EN 50306.

Keel: en

Alusdokumendid: EN 50306-1:2020

Asendab dokumenti: EVS-EN 50306-1:2003

EVS-EN 50306-2:2020

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 2: Single core cables

This document specifies requirements for, and constructions and dimensions of, single core cables, rated voltage $U_0 / U = 300 / 300$ V, of the following type: Unscreened (0,5 mm² to 2,5 mm² single core) These cables are rated for occasional thermal stresses causing ageing equivalent to continuous operational life at a temperature of 105 °C. For standard cables, this is determined by the acceptance test defined in EN 50305, using accelerated long-term (5 000 h) thermal ageing indicating a 125 °C/20 000 h temperature index. If the customer were to require lifetime predictions, this would be demonstrated based on the temperature index of the product as supplied by the manufacturer. The maximum temperature for short circuit conditions is 160 °C based on duration of 5 s. Under fire conditions the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. These requirements are specified to permit the cables to satisfy Hazard Level 3 of EN 45545-1 and EN 45545-2. EN 50306-2:2020 is expected to be used in conjunction with EN 50306-1:2020, General requirements.

Keel: en

Alusdokumendid: EN 50306-2:2020

Asendab dokumenti: EVS-EN 50306-2:2003

EVS-EN 50306-3:2020

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 3: Single core and multicore cables screened and thin wall sheathed

This document specifies requirements for, and constructions and dimensions of, multicore cables, rated voltage $U_0 / U = 300 / 500$ V, of the following type: Screened (0,5 mm² to 2,5 mm², number of cores from 1 to 8). All cables have stranded tinned copper conductors, and thin wall thickness, halogen-free, insulation and sheath. They are for use in railway rolling stock as fixed wiring

or wiring where limited flexing in operation is encountered. These cables are rated for occasional thermal stresses causing ageing equivalent to continuous operational life at a temperature of 90 °C. For standard cables, this is determined by the acceptance test defined in EN 50305, using accelerated long-term (5 000 h) thermal ageing indicating a 110 °C/20 000 h temperature index. If the customer were to require lifetime predictions this would be demonstrated based on the temperature index of the product as supplied by the manufacturer. The maximum temperature for short circuit conditions is 160 °C based on duration of 5 s. Under fire conditions, the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. These requirements are specified to permit the cables to satisfy Hazard Level 3 of EN 45545-1 and EN 45545-2. EN 50306-3:2020 is expected to be used in conjunction with EN 50306-1:2020, General Requirements, and EN 50306-2:2020, Single core cables.

Keel: en

Alusdokumendid: EN 50306-3:2020

Asendab dokumenti: EVS-EN 50306-3:2003

EVS-EN 50306-4:2020

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 4: Multicore and multipair screened or not screened sheathed cables

This document specifies requirements for, and constructions and dimensions of, multicore and multipair cables rated voltage U0/U: 300/500 V, of the following types: - unscreened, sheathed for either exposed or protected wiring (0,5 mm² to 2,5 mm², number of cores from 2 to 48); - screened, sheathed for either exposed or protected wiring (0,5 mm² to 2,5 mm², number of cores from 2 to 8); - unscreened, sheathed for either exposed or protected wiring (0,5 mm² to 1,5 mm², number of screened pairs of cores from 2 to 7). - screened, sheathed for either exposed or protected wiring (0,5 mm² to 1,5 mm², number of unscreened pairs of cores from 2 to 7). All cables have stranded tinned copper conductors, halogen-free, thin wall thickness insulation and standard wall thickness sheath. Cable types are specified for use in exposed situations (Class E), and for protected situations (Class P). They are for use in railway rolling stock as fixed wiring or wiring where limited flexing in operation is encountered. These cables are rated for occasional thermal stresses causing ageing equivalent to continuous operational life at a temperature of 90 °C. For standard cables this is determined by the acceptance test defined in EN 50305, using accelerated long-term (5 000 h) thermal ageing indicating a 110 °C/20 000 h temperature index. If the customer were to require lifetime predictions this would be demonstrated based on the temperature index of the product as supplied by the manufacturer. The maximum temperature for short circuit conditions is 160 °C based on duration of 5 s. Under fire conditions the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. These requirements are specified to permit the cables to satisfy Hazard Level 3 of EN 45545-1 and EN 45545-2. EN 50306-4:2020 is expected to be used in conjunction with EN 50306-1:2020, General requirements, EN 50306-2:2020, Single core cables, and EN 50306-3:2020, Single core and multicore cables.

Keel: en

Alusdokumendid: EN 50306-4:2020

Asendab dokumenti: EVS-EN 50306-4:2003

EVS-EN 60335-1:2012+A11+A13+A1+A14+A2:2019

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 1: Üldnõuded

Household and similar electrical appliances - Safety - Part 1: General requirements (IEC 60335-1:2010, modified + IEC 60335-1:2010/A1:2013, modified + COR1:2014 + IEC 60335-1:2010/A2:2016, modified + COR1:2016)

See Euroopa standard käsitleb kodumajapidamises ja kaubanduslikul otstarbel kasutatavate elektriseadmete ohutust, kusjuures seadmete tunnuspinge ei ole ühefaasilise toite korral üle 250 V ega muudel juhtudel üle 480 V. MÄRKUS 1 Selle standardi käsitlusalasasse kuuluvad ka patareitoitete ja muud alalisvooluitoitega seadmed. Kaksiktoitega seadmeid, mida toidetakse vooluvõrgust või patareidest, käsitletakse patareimooduse korral patareitoitega seadmetena. MÄRKUS Z1 Kodumajapidamises kasutatavate seadmete hulka kuuluvad nt tüüpiliste majapidamis-funktsioonidega seadmed, mida võivad majapidamisotstarbel kasutada ka mittespetsialistid • kauplustes, kontorites ja muudes taolistes töökeskkondades, • farmihoonetes, • kui kliendid hotellides, motellides ja muudes olmekeskondades, • ööbimise ja hommikusöögiga majutuskeskkonnas. MÄRKUS Z2 Majapidamiskeskond hõlmab elamuid ja nendega seotud ehitisi, iluaedasid jne. Selle standardi käsitlusalasasse kuuluvad kauplustes, kergetööstuses ja farmides asjatundjate või väljaõpetatud personali poolt kasutamiseks ette nähtud seadmed ja masinad ning tavaisikute poolt teeninduslikuks kasutamiseks ette nähtud seadmed ja masinad. Täiendavad nõuded sellistele seadmetele on esitatud lisas ZE. MÄRKUS 2 Kehtetu. MÄRKUS Z3 Niisuguste seadmete ja masinate hulka kuuluvad nt teeninduslikus kasutamises olevad toitlustusseadmed, puhastusmasinad ning juuksuriseadmed. MÄRKUS Z4 Kriteeriumid, mida rakendatakse standardisarjaga EN 60335 haaratud toodete võtmiseks madalpingedirektiivi või masinadirektiivi käsitlusalasasse, on informatsiooniks esitatud lisas ZF. See standard käsitleb mõistlikult ettenähtavaid ohtusid, mida võivad tekitada seadmed ja masinad ning millega võivad kokku puutuda kõik isikud. Standard ei arvesta aga üldjuhul • seadmega mängivaid lapsi, • seadme kasutamist väikelaste (maimikute) poolt, • seadme järelevalveta kasutamist nooremate laste (nt koolieelikute) poolt. Arvestatakse, et ohustatud isikute vajadused võivad olla väljaspool selles standardis eeldatud taset. MÄRKUS 3 Tuleb pöörata tähelepanu asjaolule, et — sõidukites, laevadel või lennukites kasutamiseks ette nähtud seadmete kohta võidakse esitada lisanõuded; — paljudes riikides on riiklike tervishoiu-, töökaitse-, veevarustus- ja muude taoliste ametite poolt sätestatud lisanõudeid. MÄRKUS 4 Seda standardit ei rakendata — eranditult tööstuslikuks otstarbeks ette nähtud seadmete kohta; — seadmete kohta, mis on ette nähtud kasutamiseks kohtades, kus ülekaalus on erikasutusolud, nt korrodeeriv või plahvatusohtlik keskkond (tolm, aaur või gaas); — audio-, video- ja muudele taolistele elektroonikaaparaatidele (IEC 60065); — meditsiiniseadmetele (IEC 60601); — mootoriga käitatavatele elektrilistele käsitööriistadele (IEC 60745); — personalarvutitele ja muudele taolistele seadmetele (IEC 60950-1); — transporditavatele mootoriga käitatavatele elektrilistele tööriistadele (IEC 61029).

Keel: en, et

Alusdokumendid: IEC 60335-1:2010; EN 60335-1:2012; EN 60335-1:2012/A11:2014; EN 60335-1:2012/A1:2019; EN 60335-1:2012/A14:2019; EN 60335-1:2012/A2:2019; IEC 60335-1:2010/AMD1:2013; IEC 60335-1:2010/AMD2:2016/COR1:2014; EN 60335-1:2012/A13:2017; IEC 60335-1:2010/AMD2:2016/COR1:2016; IEC 60335-1:2010/AMD2:2016

Konsolideerib dokumenti: EVS-EN 60335-1:2012

Konsolideerib dokumenti: EVS-EN 60335-1:2012/A1:2019
Konsolideerib dokumenti: EVS-EN 60335-1:2012/A11:2014
Konsolideerib dokumenti: EVS-EN 60335-1:2012/A13:2017
Konsolideerib dokumenti: EVS-EN 60335-1:2012/A14:2019
Konsolideerib dokumenti: EVS-EN 60335-1:2012/A2:2019

EVS-EN ISO 11925-2:2020

Tuletundlikkuse katsed. Ehitusmaterjalide süttivustundlikkus kokkupuutel otsese leegiga. Osa 2: Väikese leegi katse

Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test (ISO 11925-2:2020)

See dokument käsitleb toodete süttivustundlikkuse määramise katsemeetodit kokkupuutel väikese leegiga null soojuskiirguse juures, kasutades vertikaalselt asetsevaid katsekehi. Teave katsemeetodi täpsuse kohta on esitatud lisas A (teatmelisa). Teave lõppkasutuses põhiolemuselt tasapinnalise toote katsetamise kohta on esitatud lisas B (normlisa). Teave lõppkasutuses perforereitud pinnaga toote katsetamise kohta on esitatud lisas C (normlisa).

Keel: en, et

Alusdokumendid: ISO 11925-2:2020; EN ISO 11925-2:2020

Asendab dokumenti: EVS-EN ISO 11925-2:2010

Asendab dokumenti: EVS-EN ISO 11925-2:2010/AC:2011

EVS-EN ISO 16972:2020

Respiratory protective devices - Vocabulary and graphical symbols (ISO 16972:2020)

This document defines terms and specifies units of measurement for respiratory protective devices (RPDs), excluding diving apparatus. It indicates graphical symbols that can be required on RPDs, parts of RPD or instruction manuals in order to instruct the person(s) using the RPD as to its operation. NOTE Terms and definitions for diving apparatus are given in EN 250.

Keel: en

Alusdokumendid: ISO 16972:2020; EN ISO 16972:2020

Asendab dokumenti: EVS-EN 132:1999

EVS-EN ISO 18526-1:2020

Silma- ja näokaitsevahendid. Katsemeetodid. Osa 1: Geomeetrilised optilised omadused Eye and face protection - Test methods - Part 1: Geometrical optical properties (ISO 18526-1:2020)

This document specifies the reference test methods for determining the spherical, cylindrical, and prismatic refractive power properties of unmounted and mounted plano lenses (non-corrective lenses) for eye and face protectors. This document does not apply to any eye and face protection product requirement standards for which other test methods are specified. Other test methods can be used provided they have been shown to be equivalent and include uncertainties of measurement no greater than those required by the reference method.

Keel: en

Alusdokumendid: ISO 18526-1:2020; EN ISO 18526-1:2020

EVS-EN ISO 18526-2:2020

Silma- ja näokaitsevahendid. Katsemeetodid. Osa 2: Füüsikalised optilised omadused Eye and face protection - Test methods - Part 2 : Physical optical properties (ISO 18526-2:2020)

This document specifies the reference test methods for determining the physical optical properties of personal eye and face protectors. This document does not apply to any eye and face protection products for which the requirements standard(s) specifies other test methods. Other test methods can be used provided they have been shown to be equivalent and include uncertainties of measurement no greater than those required of the reference method.

Keel: en

Alusdokumendid: ISO 18526-2:2020; EN ISO 18526-2:2020

EVS-EN ISO 18674-3:2017/A1:2020

Geotechnical investigation and testing - Geotechnical monitoring by field instrumentation - Part 3: Measurement of displacements across a line: Inclinometers - Amendment 1 (ISO 18674-3:2017/Amd 1:2020)

Amendment for EN ISO 18674-3:2017

Keel: en

Alusdokumendid: ISO 18674-3:2017/Amd 1:2020; EN ISO 18674-3:2017/A1:2020

Muudab dokumenti: EVS-EN ISO 18674-3:2017

EVS-EN ISO 20321:2020

Petroleum, petrochemical and natural gas industries - Safety of machineries - Powered elevators (ISO 20321:2020)

This document specifies general safety requirements for the design, testing and production of powered elevators. The requirements are applicable for onshore and offshore applications of such elevators in the petroleum and petrochemical industries. This document does not cover any other type of elevator. It is not applicable to the following types of products: — remote control devices; — lifting nubbins; — lifting plugs; — lifting subs; — internal gripping devices; — equipment for lifting tubular from and onto a vessel; — elevator links or bails. This list is not exhaustive. This document is not applicable to powered elevators manufactured before the date of this publication. NOTE Annex A provides the relation between the clauses of the European Directive on machinery (Directive 2006/42/EC) and this document, for potential significant hazards and the safety requirements dealing with them for powered elevators.

Keel: en

Alusdokumendid: ISO 20321:2020; EN ISO 20321:2020

EVS-EN ISO 21904-1:2020

Tervishoid ja ohutus keevitamisel ja külgnevatel protsessidel. Seadmed keevitussuitsu kogumiseks ja eraldamiseks. Osa 1: Üldnõuded

Health and safety in welding and allied processes - Equipment for capture and separation of welding fume - Part 1: General requirements (ISO 21904-1:2020)

This document defines the general requirements for ventilation equipment used to capture and separate fumes generated by welding and allied processes, e.g. arc welding and thermal cutting. This document also specifies the test data to be marked on the capture devices. It applies to the design and manufacture of parts of the equipment including hoods for welding, ducting, filter units, air movers, systems that inform of unsafe operation and workplace practices to ensure safe working with regard to exposure. Significant hazards are listed in Clause 4. It does not cover electrical, mechanical and pneumatic hazards. This document is applicable to: — local exhaust ventilation systems (LEV) excluding draught tables; — mobile and stationary equipment; — separation equipment used for welding and allied processes; This document is not applicable to: — general ventilation, air make up or air movement systems; — air conditioning systems; — grinding dust. This document applies to systems designed and manufactured after its publication. NOTE Specific safety requirements for thermal cutting machines are defined in ISO 17916.

Keel: en

Alusdokumendid: ISO 21904-1:2020; EN ISO 21904-1:2020

Asendab dokumenti: EVS-EN ISO 15012-4:2016

EVS-EN ISO 21904-2:2020

Health and safety in welding and allied processes - Equipment for capture and separation of welding fume - Part 2: Requirements for testing and marking of separation efficiency (ISO 21904-2:2020)

This document specifies a method for testing equipment for the separation of welding fume in order to determine whether its separation efficiency meets specified requirements. The method specified does not apply to testing of filter cartridges independent of the equipment in which they are intended to be used. This document applies to equipment that is manufactured after its publication. NOTE General ventilation systems are excluded from the Scope of ISO 21904-1.

Keel: en

Alusdokumendid: ISO 21904-2:2020; EN ISO 21904-2:2020

Asendab dokumenti: EVS-EN ISO 15012-1:2013

EVS-EN ISO 21904-4:2020

Health and safety in welding and allied processes - Equipment for capture and separation of welding fume - Part 4: Determination of the minimum air volume flow rate of capture devices (ISO 21904-4:2020)

This document specifies two methods for establishing the minimum air volume flow rate. One method is dedicated for use with captor hoods, nozzles and slot nozzles with a ratio of slot length to hose diameter of 8:1 or less. The other method is dedicated for use with on-gun extraction devices. These methods are not applicable to down draught tables.

Keel: en

Alusdokumendid: ISO 21904-4:2020; EN ISO 21904-4:2020

Asendab dokumenti: EVS-EN ISO 15012-2:2008

EVS-EN ISO 7096:2020

Mullatöomasinad. Operaatori istme vibratsiooni laboratoorne hindamine

Earth-moving machinery - Laboratory evaluation of operator seat vibration (ISO 7096:2020)

1.1 This document specifies, in accordance with ISO 10326-1:2016, a laboratory method for measuring and evaluating the effectiveness of the seat suspension in reducing the vertical whole-body vibration transmitted to the operator of earth-moving machines at frequencies between 1 Hz and 20 Hz. It also specifies acceptance criteria for application to seats on different machines. 1.2 This document is applicable to operator seats used on earth-moving machines as defined in ISO 6165. 1.3 This document defines the input spectral classes required for the following earth-moving machines. Each class defines a group of machines having similar vibration characteristics: — rigid-frame dumpers >4 500 kg operating mass; — articulated-frame dumpers; — scrapers without axle or frame suspension[1]; — wheeled loaders >4 500 kg operating mass; — graders; — wheeled dozers; — soil compactors; — backhoe loaders; — crawler dumpers; — crawler loaders; — crawler-dozers ≤50 000 kg operating mass[2]; — compact dumpers ≤4 500 kg operating mass; — wheeled compact loaders ≤4 500 kg operating mass; — skid-steer loaders, wheeled ≤4 500 kg and tracked ≤6 000 kg operating mass. 1.4 The following machines impart sufficiently low vertical vibration inputs at frequencies between 1 Hz and 20 Hz to the seat during operation that these seats do not require suspension for the attenuation of transmitted vibration: — excavators, including walking excavators and cable excavators[3]; — trenchers; —

landfill compactors; — non-vibratory rollers, except soil compactors; — vibratory rollers, except soil compactors; — pipelayers; — horizontal directional drills (HDD). 1.5 The tests and criteria defined in this document are intended for operator seats used in earth-moving machines of conventional design. NOTE Other tests can be appropriate for machines with design features that result in significantly different vibration characteristics. 1.6 Vibration which reaches the operator other than through the seat, for example that sensed by the operator's feet on the platform or control pedals or by the operator's hands on the steering-wheel, is not covered. [1] For scrapers with suspension, either a seat with no suspension can be used, or one having a suspension with high damping. [2] For crawler dozers greater than 50 000 kg, the seat performance requirements are suitably provided by a cushion type seat. [3] For excavators, the predominant vibration is generally in the fore and aft (X) axis.

Keel: en

Alusdokumendid: ISO 7096:2020; EN ISO 7096:2020

Asendab dokumenti: EVS-EN ISO 7096:2008

Asendab dokumenti: EVS-EN ISO 7096:2008/AC:2009

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

EVS-EN IEC 60704-2-7:2020

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-7: Particular requirements for fans

IEC 60704-2-7:2020 applies to electrical fans (including their accessories and their component parts) for household and similar use, designed for AC or DC supply. The motor, the impeller and their housing, if any, form a single unit. These particular requirements apply to: — conventional fans, — table fans, — pedestal fans, — ceiling fans, — bladeless fans, — wall bracket fans, — ceiling bracket fans, — louver fans, — tower fans, — ventilating and partition ventilating fans. This standard does not apply to: — fans that are part of a ventilation system, — fans designed exclusively for industrial purposes, — fans that are part of an appliance (for example cooling fans), — fans with additional functions (for example heating, humidifying). Limitations for the use of this test code are given in the scope of IEC 60704-1. This second edition cancels and replaces the first edition published in 1997. This edition constitutes a technical revision. This edition includes the following significant changes with respect to the previous edition: a) it includes additional fan categories as defined in IEC 60879:2019 and IEC 60665:2018; b) it includes standard deviations of sound power levels in 1.3; c) a comparison method has been added; d) the normative references have been updated (ISO 3744:2010 and ISO 3743-1:2010); e) it has been adjusted with regard to IEC 60704-1:2010. This International Standard is to be used in conjunction with IEC 60704 1:2010, Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 1: General requirements. This Part 2-7 supplements or modifies the corresponding clauses in IEC 60704-1:2010, so as to establish the test code for fans.

Keel: en

Alusdokumendid: IEC 60704-2-7:2020; EN IEC 60704-2-7:2020

Asendab dokumenti: EVS-EN 60704-2-7:2002

EVS-EN ISO 20361:2019/A11:2020

Vedelikupumbad ja pumbaseadmed. Mürakatse kood. Täpsusklassid 2 ja 3

Liquid pumps and pumps units - Noise test code - Grades 2 and 3 of accuracy (ISO 20361:2019)

Standardi EN ISO 20361:2019 muudatus

Keel: en

Alusdokumendid: EN ISO 20361:2019/A11:2020

Muudab dokumenti: EVS-EN ISO 20361:2019

EVS-EN ISO 21204:2020

Geometrical product specifications (GPS) - Transition specification (ISO 21204:2020)

This document defines a number of specification operators for the specification of extended edge transition features between features. An edge transition feature is an integral feature connecting two adjacent integral features. The extended edge transition feature includes portions of the adjacent features. All these specifications apply to any line in a defined direction in the extended edge transition feature. This document also defines the specification modifiers and the drawing indications for such transition specifications. The proportions and dimensions of the graphical symbols to be used are also specified. The specifications defined in this document are suitable for relatively simple edge transition functions, for example ensuring assembly without interference. For more complex functions, geometrical tolerancing offers more precise tools. This document is by intention limited to only edge transition features between two planes and between a cylinder and a plane nominally perpendicular to it. Annex A gives the first approach for an algorithm to identify toleranced features and adjacent reference sections. This algorithm is subject to change as more experience is gathered. This document provides a set of tools to express several transition specifications. It does not present any information on the relationship between a function or a use and a transition specification. NOTE 1 Corners (the transition between three or more features) are not edge transition features and are consequently not covered by this document. NOTE 2 An edge transition feature exists between two single features. A defined edge transition feature has a defined nominal shape and is not sharp ($r = 0$).

Keel: en

Alusdokumendid: ISO 21204:2020; EN ISO 21204:2020

EVS-EN 12735-1:2020**Vask ja vasesulamid. Õmblusteta ümmargused vasktorud õhukonditsioneerimise ja külmatehnika jaoks. Osa 1: Torud torustikusüsteemide jaoks****Copper and copper alloys - Seamless, round tubes for air conditioning and refrigeration - Part 1: Tubes for piping systems**

This document specifies the requirements, sampling, test methods and conditions of delivery for seamless round copper and copper alloy tubes used for refrigeration and air-conditioning piping systems (i.e. piping, connections and repairs). It is applicable to tubes with an outside diameter from 3 mm up to and including 219 mm. Tubes made of the copper-grade Cu-DHP are supplied in straight lengths in the material conditions hard or half-hard, or in coils in the annealed material condition. Tubes made of the alloy CuFe2P are supplied in straight length in the material conditions hard or annealed.

Keel: en

Alusdokumendid: EN 12735-1:2020

Asendab dokumenti: EVS-EN 12735-1:2016

EVS-EN 14025:2018/AC:2020**Tanks for the transport of dangerous goods - Metallic pressure tanks - Design and construction**

This document specifies the minimum requirements for the design and construction of metallic pressure tanks having a maximum working pressure exceeding 50 kPa (0,5 bar), for the transport of dangerous goods by road and rail and sea. This document includes requirements for openings, closures and structural equipment; it does not cover requirements of service equipment. For tanks for the transport of cryogenic liquids, EN 13530-1 and EN 13530-2 apply. Design and construction of pressure tanks according to the Scope of this document are primarily subject to the requirements of RID/ADR, Subsections 6.8.2.1, 6.8.3.1 and 6.8.5, as relevant. In addition, the relevant requirements of RID/ADR, Table A, columns 12 and 13, to Chapters 3.2, 4.3 and Subsection 6.8.2.4 apply. For the structural equipment RID/ADR, Subsections 6.8.2.2 and 6.8.3.2 apply, as relevant. The definitions of RID/ADR, Subsection 1.2.1, are referred to. For portable tanks see also RID/ADR, Chapter 4.2 and Sections 6.7.2 and 6.7.2. In addition, the relevant requirements of RID/ADR, Table A, Columns 10 and 11 to Chapters 3.2, 4.2, and Sections 6.7.2 and 6.7.3 apply. The paragraph numbers above relate to the 2017 issue of RID/ADR which are subject to regular revisions. This can lead to temporary non-compliances with EN 14025. This document is applicable to liquefied gases including LPG; however for a dedicated LPG standard see EN 12493. If not otherwise specified, provisions which take up the whole width of the page apply to all kind of tanks. Provisions contained in a single column apply only to: tanks according to RID/ADR Chapter 6.8 (left-hand column); portable tanks according to RID/ADR Chapter 6.7 (right-hand column).

Keel: en

Alusdokumendid: EN 14025:2018/AC:2020

Parandab dokumenti: EVS-EN 14025:2018

EVS-EN 14624:2020**Performance of portable locating leak detectors and of fixed gas detectors for all refrigerants**

This document specifies the requirements for portable locating leak detectors and fixed gas detectors for all refrigerants. Locating detectors used in factories for manufacturing processes are not included in the Scope of EN 14624. 1.1 Product application: This document applies to different applications and environments such as plant and machine rooms, production rooms, cold rooms, supermarkets, occupied spaces like offices and hotels. 1.2 Product performance: This document specifies minimum requirements for sensitivity, operating range, response time, environmental conditions and cross sensitivity from interference gases. 1.3 Product installation: This document gives guidance of suitable technology, location of detection points, interconnection with secondary equipment (e.g. initiation of mechanical ventilation, personnel warning, and equipment shutdown). 1.4 Service and maintenance: This document gives guidance for service and maintenance: Sensors and mechanical equipment have a limited operating life and require regular performance verification to ensure conformity.

Keel: en

Alusdokumendid: EN 14624:2020

Asendab dokumenti: EVS-EN 14624:2012

EVS-EN IEC 60704-2-7:2020**Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-7: Particular requirements for fans**

IEC 60704-2-7:2020 applies to electrical fans (including their accessories and their component parts) for household and similar use, designed for AC or DC supply. The motor, the impeller and their housing, if any, form a single unit. These particular requirements apply to: – conventional fans, – table fans, – pedestal fans, – ceiling fans, – bladeless fans, – wall bracket fans, – ceiling bracket fans, – louver fans, – tower fans, – ventilating and partition ventilating fans. This standard does not apply to: – fans that are part of a ventilation system, – fans designed exclusively for industrial purposes, – fans that are part of an appliance (for example cooling fans), – fans with additional functions (for example heating, humidifying). Limitations for the use of this test code are given in the scope of IEC 60704-1. This second edition cancels and replaces the first edition published in 1997. This edition constitutes a technical revision. This edition includes the following significant changes with respect to the previous edition: a) it includes additional fan categories as defined in IEC 60879:2019 and IEC 60665:2018; b) it includes standard deviations of sound power levels in 1.3; c) a comparison method has been added; d) the normative references have been updated (ISO 3744:2010 and ISO 3743-1:2010); e) it has been adjusted with regard to IEC 60704-1:2010. This International Standard is to be used in conjunction with IEC 60704 1:2010, Household and similar electrical appliances – Test code for the determination of airborne

acoustical noise – Part 1: General requirements. This Part 2-7 supplements or modifies the corresponding clauses in IEC 60704-1:2010, so as to establish the test code for fans.

Keel: en

Alusdokumendid: IEC 60704-2-7:2020; EN IEC 60704-2-7:2020

Asendab dokumenti: EVS-EN 60704-2-7:2002

EVS-EN ISO 20361:2019/A11:2020

Vedelikupumbad ja pumbaseadmed. Mürakatse kood. Täpsusklassid 2 ja 3

Liquid pumps and pumps units - Noise test code - Grades 2 and 3 of accuracy (ISO 20361:2019)

Standardi EN ISO 20361:2019 muudatus

Keel: en

Alusdokumendid: EN ISO 20361:2019/A11:2020

Muudab dokumenti: EVS-EN ISO 20361:2019

25 TOOTMISTEHNOLLOOGIA

EVS-EN 62841-3-4:2016/A1:2020

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning

aiatöömasinad. Ohutus. Osa 3-4: Erinõuded teiseldatavatele lihvpinkidele

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery -

Safety - Part 3-4: Particular requirements for transportable bench grinders

Amendment for EN 62841-3-4:2016

Keel: en

Alusdokumendid: IEC 62841-3-4:2016/A1:2019; EN 62841-3-4:2016/A1:2020

Muudab dokumenti: EVS-EN 62841-3-4:2016

EVS-EN 62841-3-4:2016/A12:2020

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning

aiatöömasinad. Ohutus. Osa 3-4: Erinõuded teiseldatavatele lihvpinkidele

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery -

Safety - Part 3-4: Particular requirements for transportable bench grinders

Amends by Common Modification EN 62841-3-4:2016/A1:2020

Keel: en

Alusdokumendid: EN 62841-3-4:2016/A12:2020

Muudab dokumenti: EVS-EN 62841-3-4:2016/A1:2020

EVS-EN 62841-4-1:2020

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning

aiatöömasinad. Ohutus. Osa 4-1: Erinõuded kettsaagidele

Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden

Machinery - Safety - Part 4-1: Particular requirements for chain saws

IEC 62841-4-1:2017 applies to chain saws for cutting wood and designed for use by one person. This standard does not cover chain saws designed for use in conjunction with a guide-plate and riving knife or in any other way such as with a support or as a stationary or transportable machine. This standard does not apply to chain saws for tree service as defined in ISO 11681-2; or pole-mounted pruners. Pole-mounted pruners will be covered by a future part of IEC 62841. The chain saws covered by this standard are designed only to be operated with the right hand on the rear handle and the left hand on the front handle. This Part 4-1 is to be used in conjunction with the first edition of IEC 62841-1:2014. The attention of National Committees is drawn to the fact that equipment manufacturers and testing organizations may need a transitional period following publication of a new, amended or revised IEC publication in which to make products in accordance with the new requirements and to equip themselves for conducting new or revised tests. It is the recommendation of the committee that the content of this publication be adopted for implementation nationally not earlier than 36 months from the date of publication.

Keel: en

Alusdokumendid: IEC 62841-4-1:2017; EN 62841-4-1:2020

Asendab dokumenti: EVS-EN 60745-2-13:2009

Asendab dokumenti: EVS-EN 60745-2-13:2009/A1:2010

EVS-EN ISO 21904-1:2020

Tervishoid ja ohutus keevitamisel ja külgnevatel protsessidel. Seadmed keevitussuitsu

kogumiseks ja eraldamiseks. Osa 1: Üldnõuded

Health and safety in welding and allied processes - Equipment for capture and separation of

welding fume - Part 1: General requirements (ISO 21904-1:2020)

This document defines the general requirements for ventilation equipment used to capture and separate fumes generated by welding and allied processes, e.g. arc welding and thermal cutting. This document also specifies the test data to be marked on

the capture devices. It applies to the design and manufacture of parts of the equipment including hoods for welding, ducting, filter units, air movers, systems that inform of unsafe operation and workplace practices to ensure safe working with regard to exposure. Significant hazards are listed in Clause 4. It does not cover electrical, mechanical and pneumatic hazards. This document is applicable to: — local exhaust ventilation systems (LEV) excluding draught tables; — mobile and stationary equipment; — separation equipment used for welding and allied processes; This document is not applicable to: — general ventilation, air make up or air movement systems; — air conditioning systems; — grinding dust. This document applies to systems designed and manufactured after its publication. NOTE Specific safety requirements for thermal cutting machines are defined in ISO 17916.

Keel: en

Alusdokumendid: ISO 21904-1:2020; EN ISO 21904-1:2020

Asendab dokumenti: EVS-EN ISO 15012-4:2016

EVS-EN ISO 21904-2:2020

Health and safety in welding and allied processes - Equipment for capture and separation of welding fume - Part 2: Requirements for testing and marking of separation efficiency (ISO 21904-2:2020)

This document specifies a method for testing equipment for the separation of welding fume in order to determine whether its separation efficiency meets specified requirements. The method specified does not apply to testing of filter cartridges independent of the equipment in which they are intended to be used. This document applies to equipment that is manufactured after its publication. NOTE General ventilation systems are excluded from the Scope of ISO 21904-1.

Keel: en

Alusdokumendid: ISO 21904-2:2020; EN ISO 21904-2:2020

Asendab dokumenti: EVS-EN ISO 15012-1:2013

EVS-EN ISO 21904-4:2020

Health and safety in welding and allied processes - Equipment for capture and separation of welding fume - Part 4: Determination of the minimum air volume flow rate of capture devices (ISO 21904-4:2020)

This document specifies two methods for establishing the minimum air volume flow rate. One method is dedicated for use with captor hoods, nozzles and slot nozzles with a ratio of slot length to hose diameter of 8:1 or less. The other method is dedicated for use with on-gun extraction devices. These methods are not applicable to down draught tables.

Keel: en

Alusdokumendid: ISO 21904-4:2020; EN ISO 21904-4:2020

Asendab dokumenti: EVS-EN ISO 15012-2:2008

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12953-5:2020

Leektorukatlad. Osa 5: Kontroll katla survedetailide valmistamise, dokumenteerimise ja märgistamise ajal

Shell boilers - Part 5: Inspection during construction, documentation and marking of pressure parts of the boiler

See dokument määratleb nõuded leektorukatelde inspekteerimiseks ehitamise ajal ja pärast ehitamist, dokumenteerimiseks ja markeerimiseks standardi EN 12953-1:2012 kohaselt. MÄRKUS Teiste komponentide puhul, näiteks veetorustike seinad, viidatakse EN 12952 sarjale [1].

Keel: en, et

Alusdokumendid: EN 12953-5:2020

Asendab dokumenti: EVS-EN 12953-5:2002

EVS-EN IEC 61225:2020

Nuclear power plants - Instrumentation, control and electrical power systems - Requirements for static uninterruptible DC and AC power supply systems

IEC 61225:2019 specifies the performance and the functional characteristics of the low voltage static uninterruptible power supply (SUPS) systems in a nuclear power plant and, for applicable parts, in general for nuclear facilities. An uninterruptible power supply is an electrical equipment which draws electrical energy from a source, stores it and maintains supply in a specified form by means inside the equipment to output terminals. A static uninterruptible power supply (SUPS) has no rotating parts to perform its functions. This third edition cancels and replaces the second edition published in 2005. This edition includes the following significant technical changes with respect to the previous edition: a) the principal objective of this edition is to address the requirements on the static uninterruptible power supplies in nuclear power plants; b) in addition to Instrumentation and Control (I&C) power supplies include all static uninterruptible power supplies; c) emphasize that the static uninterruptible power supplies shall protect the connected equipment (loads) from transients on the on-site AC distribution system (the immunity concept); d) in accordance with the defence-in-depth concept, this standard applies to static uninterruptible power supplies for all equipment, not only for equipment important to safety, with a graded approach to verification and validation; e) addition of the requirement that, when batteries are connected in parallel under abnormal operating conditions, they shall be properly protected with isolation devices to avoid any failure that may impair more than one division of the uninterruptible power supply.

Keel: en

Alusdokumendid: IEC 61225:2019; EN IEC 61225:2020

EVS-EN IEC 62941:2020

Terrestrial photovoltaic (PV) modules - Quality system for PV module manufacturing

IEC 62947:2019 is applicable to organizations manufacturing photovoltaic (PV) modules certified to IEC 61215 series and IEC 62108 for design qualification and type approval and IEC 61730 for safety qualification and type approval. The design qualification and type approval of PV modules depend on appropriate methods for product and process design, as well as appropriate control of materials and processes used to manufacture the product. This document lays out best practices for product design, manufacturing processes, and selection and control of materials used in the manufacture of PV modules that have met the requirements of IEC 61215 series, IEC 61730, or IEC 62108. These standards also form the basis for factory audit criteria of such sites by various certifying and auditory bodies. The object of this document is to provide a framework for the improved confidence in the ongoing consistency of performance and reliability of certified PV modules. The requirements of this document are defined with the assumption that the quality management system of the organization has already fulfilled the requirements of ISO 9001 or equivalent quality management system. This document is not intended to replace or remove any requirements of ISO9001 or equivalent quality management system. By maintaining a manufacturing system in accordance with this document, PV modules are expected to maintain their performance as determined from the test sequences in IEC 61215 series, IEC 62108, or IEC 61730.

Keel: en

Alusdokumendid: IEC 62941:2019; EN IEC 62941:2020

EVS-EN ISO 20024:2020

Solid biofuels - Safe handling and storage of solid biofuel pellets in commercial and industrial applications (ISO 20024:2020)

This document provides principles and requirements for safe handling and storage of solid biofuels pellets in commercial and industrial applications. This document is using a risk-based approach to determine what safety measures should be considered. Facilities with a storage capacity <100 t are covered by ISO 20023. Generally, for end-user facilities with a storage capacity of <1 000 t, ISO 20023 could also be applicable if storage principle and facility complexity is in-line with the objectives of ISO 20023. This document covers the handling and storage process of pellets in the following applications: — at a pellet production plant from the outlet of the cooler unit until loaded for transportation; — at a commercial distributor from the receiving station until loaded for transportation; and — at an industrial end-user from the receiving station until fed into the fuel preparation or combustion process. Although unloading and loading of e.g. vessels, trains or trucks are included in the operational envelopes defined above, the safety aspect of the transportation itself is beyond the scope of this document. This document also gives specific guidance on detection and suppression systems and preparatory measures to enable safe and efficient firefighting operations. Guidance on the management of fire and explosion incidents is also specified.

Keel: en

Alusdokumendid: ISO 20024:2020; EN ISO 20024:2020

29 ELEKTROTEHNIKA

EVS-EN 50305:2020

Railway applications - Railway rolling stock cables having special fire performance - Test methods

This document specifies special test methods applicable to cables, and their constituent insulating and sheathing materials, for use in railway rolling stock. Such cables are specified in the various parts of the EN 50264 series, EN 50306 series and EN 50382 series. Other test methods required for railway rolling stock cables and their insulating and sheathing materials are listed in Annex A.

Keel: en

Alusdokumendid: EN 50305:2020

Asendab dokumenti: EVS-EN 50305:2003

EVS-EN 50306-1:2020

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 1: General requirements

EN 50306-1 specifies the general requirements applicable to the cables given in EN 50306-2, EN 50306-3 and EN 50306-4. It includes the detailed requirements for S2 sheathing materials and other components called up in the separate parts. NOTE Detailed requirements for insulation systems are given in EN 50306-2. In particular, EN 50306-1 specifies those requirements relating to fire safety which enable the cables to satisfy Hazard Level 3 of EN 45545-1 and EN 45545-2. These cables are rated for occasional thermal stresses which causes ageing equivalent to continuous operational life at a temperature of 105 °C or 90 °C. For standard cables, this is determined by the acceptance test defined in EN 50305, using accelerated long-term (5 000 h) thermal ageing indicating a 125 °C or 110 °C /20 000 h temperature index. If the customer were to require lifetime predictions, this would be demonstrated based on the temperature index of the product as supplied by the manufacturer. The maximum temperature for short circuit conditions is 160 °C based on duration of 5 s. EN 50306-1 is expected to be used in conjunction with one or more of the other parts of EN 50306.

Keel: en

Alusdokumendid: EN 50306-1:2020

Asendab dokumenti: EVS-EN 50306-1:2003

EVS-EN 50306-2:2020

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 2: Single core cables

This document specifies requirements for, and constructions and dimensions of, single core cables, rated voltage $U_0 / U = 300 / 300$ V, of the following type: Unscreened (0,5 mm² to 2,5 mm² single core) These cables are rated for occasional thermal stresses causing ageing equivalent to continuous operational life at a temperature of 105 °C. For standard cables, this is determined by the acceptance test defined in EN 50305, using accelerated long-term (5 000 h) thermal ageing indicating a 125 °C/20 000 h temperature index. If the customer were to require lifetime predictions, this would be demonstrated based on the temperature index of the product as supplied by the manufacturer. The maximum temperature for short circuit conditions is 160 °C based on duration of 5 s. Under fire conditions the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. These requirements are specified to permit the cables to satisfy Hazard Level 3 of EN 45545-1 and EN 45545-2. EN 50306-2:2020 is expected to be used in conjunction with EN 50306-1:2020, General requirements.

Keel: en

Alusdokumendid: EN 50306-2:2020

Asendab dokumenti: EVS-EN 50306-2:2003

EVS-EN 50306-3:2020

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 3: Single core and multicore cables screened and thin wall sheathed

This document specifies requirements for, and constructions and dimensions of, multicore cables, rated voltage $U_0 / U = 300 / 500$ V, of the following type: Screened (0,5 mm² to 2,5 mm², number of cores from 1 to 8). All cables have stranded tinned copper conductors, and thin wall thickness, halogen-free, insulation and sheath. They are for use in railway rolling stock as fixed wiring or wiring where limited flexing in operation is encountered. These cables are rated for occasional thermal stresses causing ageing equivalent to continuous operational life at a temperature of 90 °C. For standard cables, this is determined by the acceptance test defined in EN 50305, using accelerated long-term (5 000 h) thermal ageing indicating a 110 °C/20 000 h temperature index. If the customer were to require lifetime predictions this would be demonstrated based on the temperature index of the product as supplied by the manufacturer. The maximum temperature for short circuit conditions is 160 °C based on duration of 5 s. Under fire conditions, the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. These requirements are specified to permit the cables to satisfy Hazard Level 3 of EN 45545-1 and EN 45545-2. EN 50306-3:2020 is expected to be used in conjunction with EN 50306-1:2020, General Requirements, and EN 50306-2:2020, Single core cables.

Keel: en

Alusdokumendid: EN 50306-3:2020

Asendab dokumenti: EVS-EN 50306-3:2003

EVS-EN 50306-4:2020

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 4: Multicore and multipair screened or not screened sheathed cables

This document specifies requirements for, and constructions and dimensions of, multicore and multipair cables rated voltage $U_0/U: 300/500$ V, of the following types: - unscreened, sheathed for either exposed or protected wiring (0,5 mm² to 2,5 mm², number of cores from 2 to 48); - screened, sheathed for either exposed or protected wiring (0,5 mm² to 2,5 mm², number of cores from 2 to 8); - unscreened, sheathed for either exposed or protected wiring (0,5 mm² to 1,5 mm², number of screened pairs of cores from 2 to 7). - screened, sheathed for either exposed or protected wiring (0,5 mm² to 1,5 mm², number of unscreened pairs of cores from 2 to 7). All cables have stranded tinned copper conductors, halogen-free, thin wall thickness insulation and standard wall thickness sheath. Cable types are specified for use in exposed situations (Class E), and for protected situations (Class P). They are for use in railway rolling stock as fixed wiring or wiring where limited flexing in operation is encountered. These cables are rated for occasional thermal stresses causing ageing equivalent to continuous operational life at a temperature of 90 °C. For standard cables this is determined by the acceptance test defined in EN 50305, using accelerated long-term (5 000 h) thermal ageing indicating a 110 °C/20 000 h temperature index. If the customer were to require lifetime predictions this would be demonstrated based on the temperature index of the product as supplied by the manufacturer. The maximum temperature for short circuit conditions is 160 °C based on duration of 5 s. Under fire conditions the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. These requirements are specified to permit the cables to satisfy Hazard Level 3 of EN 45545-1 and EN 45545-2. EN 50306-4:2020 is expected to be used in conjunction with EN 50306-1:2020, General requirements, EN 50306-2:2020, Single core cables, and EN 50306-3:2020, Single core and multicore cables.

Keel: en

Alusdokumendid: EN 50306-4:2020

Asendab dokumenti: EVS-EN 50306-4:2003

EVS-EN 60598-2-22:2014/A1:2020

Valgustid. Osa 2-22: Erinõuded. Valgustid hädavalgustuseks Luminaired - Part 2-22: Particular requirements - Luminaired for emergency lighting

Muudatus standardile EN 60598-2-22:2014

Keel: en

Alusdokumendid: IEC 60598-2-22:2014/A1:2017; EN 60598-2-22:2014/A1:2020

Muudab dokumenti: EVS-EN 60598-2-22:2014

EVS-EN IEC 60947-5-2:2020

Madalpingelised lülitusaparaadid. Osa 5-2: Juhtimisahelaaparaadid ja lülituselemendid. Läheduslülitid

Low-voltage switchgear and controlgear - Part 5-2: Control circuit devices and switching elements - Proximity switches

IEC 60947-5-2:2019 applies to inductive and capacitive proximity switches that sense the presence of metallic and/or non-metallic objects, ultrasonic proximity switches that sense the presence of sound reflecting objects, photoelectric proximity switches that sense the presence of objects and non-mechanical magnetic proximity switches that sense the presence of objects with a magnetic field. This fourth edition cancels and replaces the third edition published in 2007 and Amendment 1:2012. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - update of the scope; - adaptation and update of the construction requirements according to IEC Guide 116 (e.g. material requirements, artificial optical radiation, instruction requirements, hot surface, unattended operation, foreseeable misuse...); - modification of the specifications concerning the sensing range and operating distance; - new definitions for photoelectric proximity switch type D with background suppression; - integration of the requirements and test procedures of photoelectric proximity switch type D with background suppression; - update of EMC requirements in Table 9 and Table 10; - integration of environmental information requirements and environmental condition by referencing Annexes O, W and Q of IEC 60947-1:2007, IEC 60947-1:2007/AMD1:2010 and IEC 60947-1:2007/AMD2:2014; - modification of impulse withstand voltage test (5.3.1.3, 9.3.3.4.5); - modification of the references in the (normative) standard body to the (informative) Annex A; - major update of Annex A (definitions update, new dimensions and shapes); - update of C.9.1.1; - update of Annex D in order to consider new connector types and normative references; - update of Annex F (additional symbols for photoelectric proximity switches).

Keel: en

Alusdokumendid: IEC 60947-5-2:2019; EN IEC 60947-5-2:2020

Asendab dokumenti: EVS-EN 60947-5-2:2008

Asendab dokumenti: EVS-EN 60947-5-2:2008/A1:2012

EVS-EN IEC 62031:2020

Üldtarbevalgustuse leedmoodulid. Ohutusnõuded LED modules for general lighting - Safety specifications

See dokument käsitleb järgmistele valgusdiodmoodulitele (leedmoodulitele) esitatavaid üld- ja ohutusnõudeid: • mitteintegraalsed või poolintegraalsed leedmoodulid talitlemiseks konstantsel pingel, konstantsel voolul või konstantsel võimsusel; • integraalsed leedmoodulid talitlemiseks alalis-toitepingel kuni 250 V või vahelduv-toitepingel kuni 1000 V sagedusega 50 Hz või 60 Hz. Selle dokumendi käsitlusalas vaadeldavad leedmoodulid võivad olla integreeritavad, sisseehitatud või iseseisvad. See dokument ei ole rakendatav leedlampide kohta. MÄRKUS Leedmoodulite toimivusnõuded on sätestatud standardis IEC 62717. EE MÄRKUS Terminid „valgusdiodmoodul“ ja „leedmoodul“ on sünonüümid. Edaspidises eestikeelses tekstis kasutatakse ingliskeelse teksti eeskujul terminit „leedmoodul“.

Keel: en, et

Alusdokumendid: IEC 62031:2018; EN IEC 62031:2020

Asendab dokumenti: EVS-EN 62031:2008

Asendab dokumenti: EVS-EN 62031:2008/A1:2013

Asendab dokumenti: EVS-EN 62031:2008/A2:2015

Asendab dokumenti: EVS-EN 62031:2008+A1:2013

Asendab dokumenti: EVS-EN 62031:2008+A1:2013+A2:2015

EVS-EN IEC 63115-1:2020

Secondary cells and batteries containing alkaline or other non-acid electrolytes - Sealed nickel-metal hydride cells and batteries for use in industrial applications - Part 1: Performance

IEC 63115-1:2020 specifies the marking, designation, tests and requirements for sealed nickel-metal hydride cells and batteries used in industrial applications, including stationary applications. When an IEC International Standard specifying test conditions and requirements for cells used in special applications is in conflict with this document, the former takes precedence (e.g. IEC 62675). The following are some examples of applications that utilize the cells and batteries falling under the scope of this document. • Stationary applications: telecom, uninterruptible power supplies (UPS), electrical energy storage system, utility switching, emergency power and similar applications. • Motive applications: fork-lift truck, golf cart, AGV (Automatic Guided Vehicle), railway, and marine, excluding road vehicles. Since this document covers batteries for various industrial applications, it includes those requirements that are common and minimum to the various applications. This document applies to cells and batteries. If the battery is divided into smaller units, the smaller unit can be tested as representative of the battery. The manufacturer clearly declares the tested unit. The manufacturer can add functions to the tested unit that are present in the final battery.

Keel: en

Alusdokumendid: IEC 63115-1:2020; EN IEC 63115-1:2020

EVS-EN ISO/IEC 80079-34:2020

Explosive atmospheres - Part 34: Application of quality systems for ex product manufacture (ISO/IEC 80079-34:2018)

See dokument määratleb erinõuded ja teabe Ex-toodete sertifikaatidega kooskõlas oleva tootmise kvaliteedijuhtimissüsteemi sisseseadmiseks ja korrashoidmiseks. Kuna see ei välista teiste ISO 9001:2015 eesmärkidega kokku sobivate ja samaväärseid tulemusi pakkuvate kvaliteedijuhtimissüsteemide kasutamist, on selles dokumendis esitatud vähimnõuded.

Keel: en

Alusdokumendid: ISO/IEC 80079-34:2018; EN ISO/IEC 80079-34:2020

Asendab dokumenti: EVS-EN ISO/IEC 80079-34:2011

31 ELEKTROONIKA

EVS-EN IEC 62031:2020

Üldtarbevalgustuse leedmoodulid. Ohutusnõuded LED modules for general lighting - Safety specifications

See dokument käsitleb järgmistele valgusdiodmoodulitele (leedmoodulitele) esitatavaid üld- ja ohutusnõudeid: • mitteintegraalsed või poolintegraalsed leedmoodulid talitlemiseks konstantsel pingel, konstantsel voolul või konstantsel võimsusel; • integraalsed leedmoodulid talitlemiseks alalis-toitepingel kuni 250 V või vahelduv-toitepingel kuni 1000 V sagedusega 50 Hz või 60 Hz. Selle dokumendi käsitusallas vaadeldavad leedmoodulid võivad olla integreeritavad, sisseehitatud või iseseisvad. See dokument ei ole rakendatav leedlampide kohta. MÄRKUS Leedmoodulite toimivusnõuded on sätestatud standardis IEC 62717. EE MÄRKUS Terminid „valgusdiodmoodul“ ja „leedmoodul“ on sünonüümid. Edaspidises eestikeelses tekstis kasutatakse ingliskeelse teksti eeskujul terminit „leedmoodul“.

Keel: en, et

Alusdokumendid: IEC 62031:2018; EN IEC 62031:2020

Asendab dokumenti: EVS-EN 62031:2008

Asendab dokumenti: EVS-EN 62031:2008/A1:2013

Asendab dokumenti: EVS-EN 62031:2008/A2:2015

Asendab dokumenti: EVS-EN 62031:2008+A1:2013

Asendab dokumenti: EVS-EN 62031:2008+A1:2013+A2:2015

EVS-EN IEC 63171-6:2020

Connectors for electrical and electronic equipment - Part 6: Detail specification for 2-way and 4-way (data/power), shielded, free and fixed connectors for power and data transmission with frequencies up to 600 MHz.

IEC 63171-6:2020, covers 2-way and 4-way (data/power) shielded free and fixed connectors for data transmission with frequencies up to 600 MHz and specifies the common dimensions, mechanical, electrical and transmission characteristics and environmental requirements as well as test specifications respectively. This document specifies several properties overlapping with specifications in the IEC 63171 series which have been drafted later. In case of conflict the specifications within this document prevail.

Keel: en

Alusdokumendid: IEC 63171-6:2020; EN IEC 63171-6:2020

33 SIDETEHNIKA

EVS-EN 303 213-5-1 V1.1.1:2020

Lennuvälja maapealse liikluse juhtimise täiustatud süsteem (A-SMGCS); Osa 5. Raadiospektrile juurdepääsu harmoneeritud standard multilateratsioon (MLAT) seadmetele; Alajaotus 1.

Vastuvõtjad ja päringusaatjad

Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 5: Harmonised Standard for access to radio spectrum for Multilateration (MLAT) equipment; Sub-part 1: Receivers and Interrogators

The present document specifies technical characteristics and methods of measurements for the following equipment: 1) Interrogators transmitting in the 1 030 MHz band, used in Mode S multilateration equipment in an Advanced Surface Movement Guidance and Control System (A-SMGCS); 2) Receivers, receiving in the 1 090 MHz band, used in Mode S multilateration equipment in an Advanced Surface Movement Guidance and Control System (A-SMGCS). Antennas for this equipment are external and passive without an additional amplifier. The present document does not apply to equipment which includes a transponder function, to ground vehicle locators and to reference transmitters which do not contain receivers for the purpose of replying to interrogation. NOTE: 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 303 213-5-1 V1.1.1

EVS-EN 55016-1-3:2007/A2:2020

Raadiohäiringute ja häiringutaluvuse mõõteseadmed ja -meetodid. Osa 1-3: Raadiohäiringute ja häiringutaluvuse mõõteseadmed. Abiseadmed. Häiringute võimsus Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-3: Radio disturbance and immunity measuring apparatus - Ancillary equipment - Disturbance power

Standardi EN 55016-1-3:2006 muudatus

Keel: en

Alusdokumendid: CISPR 16-1-3:2004/A2:2020; EN 55016-1-3:2006/A2:2020

Muudab dokumenti: EVS-EN 55016-1-3:2007

EVS-EN 61850-7-3:2011/A1:2020

Communication networks and systems for power utility automation - Part 7-3: Basic communication structure - Common data classes

Amendment for EN 61850-7-3:2011

Keel: en

Alusdokumendid: IEC 61850-7-3:2010/A1:2020; EN 61850-7-3:2011/A1:2020

Muudab dokumenti: EVS-EN 61850-7-3:2011

EVS-EN IEC 60098:2020

Analogue audio disk records and reproducing equipment

IEC 60098:2020 applies to analogue audio disk records and the corresponding professional and domestic reproducing equipment. It excludes amplifiers and loudspeakers, methods of measurement for which can be found in IEC 60268-3, IEC 60268-5, IEC 60268-21 and IEC 60268-22. IEC 60098:2020 specifies the characteristics that are necessary to ensure compatibility between analogue audio disk records and the corresponding reproducing equipment. It also lists and defines the most important characteristics affecting the performance of reproducing equipment, and establishes agreed methods of measurement for these characteristics. IEC 60098:2020 cancels and replaces the third edition published in 1987. This edition constitutes a full revision. This edition includes the following significant technical changes with respect to the previous edition: - addition of a tolerance on groove width.

Keel: en

Alusdokumendid: IEC 60098:2020; EN IEC 60098:2020

Asendab dokumenti: EVS-HD 337 S3:2003

EVS-EN IEC 61300-2-4:2019/A1:2020

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-4: Tests - Fibre or cable retention

Amendment for EN IEC 61300-2-4:2019

Keel: en

Alusdokumendid: IEC 61300-2-4:2019/A1:2020; EN IEC 61300-2-4:2019/A1:2020

Muudab dokumenti: EVS-EN IEC 61300-2-4:2019

EVS-EN IEC 62368-3:2020

Audio-, video-, informatsiooni- ja kommunikatsioonitehnika seadmed. Ohutus. Osa 3: Alalisvoolu-jõuedastus läbi kommunikatsioonikaablite või -portide

Audio/video, information and communication technology equipment - Part 3: Safety aspects for DC power transfer through communication cables and ports

IEC 62368-3:2017 applies to equipment intended to supply and receive operating power through communication cables or ports. It covers particular requirements for circuits that are designed to transfer DC power from a power sourcing equipment (PSE) to a powered device (PD). The power transfer uses voltages at ES1 or ES2 or in very specific cases voltage levels at ES3. Any cable provided with a connector defined by an industry standard that permits DC power transfer between equipment is considered a communication cable even if communication does not take place. For example, a USB cable can be used just to recharge a portable device battery. International Standard is to be used in conjunction with IEC 62368-1:2014. It has the status of a group safety publication in accordance with IEC Guide 104. The subclauses of IEC 62368-1 apply as far as reasonable. Where safety aspects are similar to those of IEC 62368-1, the relevant clause or subclause of IEC 62368-1 is given for reference in a note in the relevant subclause. Where a requirement in IEC 62368-3 refers to a requirement or criterion of IEC 62368-1, a specific reference to IEC 62368-1 is made. This group safety publication is primarily intended to be used as a product safety standard for the products mentioned in the scope, but shall also be used by technical committees in the preparation of standards for products similar to those mentioned in the scope of this standard, in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51.

Keel: en

Alusdokumendid: IEC 62368-3:2017; EN IEC 62368-3:2020

Asendab dokumenti: EVS-EN 60950-21:2003

35 INFOTEHNOLOOGIA

CLC/TR 50173-99-2:2020

Information technology - Implementation of BCT applications using cabling in accordance with EN 50173-4

This document describes the following: a) the functional elements and structure of the cabling, external to homes, supporting community antenna television (CATV) and master antenna television/satellite master antenna television (MATV/SMATV) networks in accordance with EN 60728 1; b) the location and accommodation of the home network interface (HNI) in accordance with EN 60728 1; c) requirements for additional cabling performance requirements (i.e. insertion loss slope between 47 MHz and 862 MHz) and necessary amendments of the reference implementations of generic cabling within the home in accordance with EN 50173 4 in order to support the CATV, MATV/SMATV networks in accordance with EN 60728 1. Safety (electrical safety and protection, optical power, fire, etc.) and electromagnetic compatibility (EMC) requirements are outside the scope of this document and are covered by standards and regulations. However, information given in this document could be of assistance in meeting these standards and regulations.

Keel: en
Alusdokumendid: CLC/TR 50173-99-2:2020
Asendab dokumenti: CLC/TR 50173-99-2:2010

CLC/TR 50174-99-2:2020

Information technology - Cabling installation - Part 99-2: Mitigation and protection from electrical interference

This document addresses the mitigation and protection of telecommunications cabling from electromagnetic interference by describing: a) coupling mechanisms and possible countermeasures; b) assessment of the electromagnetic environment; c) filtering, isolation and surge protections measures. Safety (electrical safety and protection, optical power, fire, etc.) and electromagnetic compatibility (EMC) requirements are outside the scope of this document and are covered by standards and regulations. However, information given in this document can be of assistance in meeting these standards and regulations.

Keel: en
Alusdokumendid: CLC/TR 50174-99-2:2020

CWA 17525:2020

Elements of fair and functioning data economy: identity, consent and logging

This document: - defines a digital identity for a natural person for the contextual processing by information systems and machines; - sets the background for all the other components needed to use and utilize the digital identities within a decentralized data economy, such as consent, logging, data transport, services, etc.; - focuses on providing a solid and focused background to deliver a practical approach for future development and still covers the digital identity definitions from a wide enough perspective to not limit its use in today's needs, technologies or industrial use cases; - produces a neutral, objective and generic definition for all humans that can then be scaled up based on the industry, use case and technology it is applied to based on this core definition; - covers also the basic mechanisms for use in the digital services (contextual use), trust and identity management that are within the scope of the digital identity itself; - defines a well-considered overview on the individual's digital properties, their usage and needed core processes for further consideration on standardization; and - describes the need for truly decentralized identity for every human being in the digital age.

Keel: en
Alusdokumendid: CWA 17525:2020

EVS-EN 17099:2020

Information technology - Fishery and aquaculture products - Requirements for labelling of distribution units and pallets in the trade of fishery and aquaculture products

This document specifies requirements for labels to be used on distribution units (boxes, cartons, bags, etc.), and logistic units (pallets, cages, trolleys, etc.) for fishery and aquaculture products, ensuring uniform labels with human readable text and bar codes using a common data set, thereby fulfilling EU regulations and facilitating traceability. NOTE Other labelling systems could also address European regulatory requirements. This document does not address the exchange of any information by means other than the use of labels. The technologies referred to in this document are examples of methods that are suitable to provide product traceability. This document does not cover requirements on the labelling or marking of consumer packaging but aims to ensure that the necessary information for consumer packaging labelling or marking is available through the supply chain.

Keel: en
Alusdokumendid: EN 17099:2020

EVS-EN IEC 62368-3:2020

Audio-, video-, informatsiooni- ja kommunikatsioonitehnika seadmed. Ohutus. Osa 3: Alalisvoolu-jõuedastus läbi kommunikatsioonikaablite või -portide Audio/video, information and communication technology equipment - Part 3: Safety aspects for DC power transfer through communication cables and ports

IEC 62368-3:2017 applies to equipment intended to supply and receive operating power through communication cables or ports. It covers particular requirements for circuits that are designed to transfer DC power from a power sourcing equipment (PSE) to a powered device (PD). The power transfer uses voltages at ES1 or ES2 or in very specific cases voltage levels at ES3. Any cable provided with a connector defined by an industry standard that permits DC power transfer between equipment is considered a communication cable even if communication does not take place. For example, a USB cable can be used just to recharge a portable device battery. International Standard is to be used in conjunction with IEC 62368-1:2014. It has the status of a group safety publication in accordance with IEC Guide 104. The subclauses of IEC 62368-1 apply as far as reasonable. Where safety aspects are similar to those of IEC 62368-1, the relevant clause or subclause of IEC 62368-1 is given for reference in a note in the relevant subclause. Where a requirement in IEC 62368-3 refers to a requirement or criterion of IEC 62368-1, a specific reference to IEC 62368-1 is made. This group safety publication is primarily intended to be used as a product safety standard for the products mentioned in the scope, but shall also be used by technical committees in the preparation of standards for products similar to those mentioned in the scope of this standard, in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51.

Keel: en
Alusdokumendid: IEC 62368-3:2017; EN IEC 62368-3:2020
Asendab dokumenti: EVS-EN 60950-21:2003

EVS-EN ISO 19111:2020

Geographic information - Referencing by coordinates (ISO 19111:2019)

This document defines the conceptual schema for the description of referencing by coordinates. It describes the minimum data required to define coordinate reference systems. This document supports the definition of: — spatial coordinate reference systems where coordinate values do not change with time. The system may: — be geodetic and apply on a national or regional basis, or — apply locally such as for a building or construction site, or — apply locally to an image or image sensor; — be referenced to a moving platform such as a car, a ship, an aircraft or a spacecraft. Such a coordinate reference system can be related to a second coordinate reference system which is referenced to the Earth through a transformation that includes a time element; — spatial coordinate reference systems in which coordinate values of points on or near the surface of the earth change with time due to tectonic plate motion or other crustal deformation. Such dynamic systems include time evolution, however they remain spatial in nature; — parametric coordinate reference systems which use a non-spatial parameter that varies monotonically with height or depth; — temporal coordinate reference systems which use date, time, temporal count or temporal measure quantities that vary monotonically with time; — mixed spatial, parametric or temporal coordinate reference systems. The definition of a coordinate reference system does not change with time, although in some cases some of the defining parameters can include a rate of change of the parameter. The coordinate values within a dynamic and in a temporal coordinate reference system can change with time. This document also describes the conceptual schema for defining the information required to describe operations that change coordinate values. In addition to the minimum data required for the definition of the coordinate reference system or coordinate operation, the conceptual schema allows additional descriptive information - coordinate reference system metadata - to be provided. This document is applicable to producers and users of geographic information. Although it is applicable to digital geographic data, the principles described in this document can be extended to many other forms of spatial data such as maps, charts and text documents.

Keel: en

Alusdokumendid: ISO 19111:2019; EN ISO 19111:2020

Asendab dokumenti: EVS-EN ISO 19111:2008

Asendab dokumenti: EVS-EN ISO 19111-2:2012

EVS-EN ISO 23386:2020

Building information modelling and other digital processes used in construction - Methodology to describe, author and maintain properties in interconnected data dictionaries (ISO 23386:2020)

This document establishes the rules for defining properties used in construction and a methodology for authoring and maintaining them, for a confident and seamless digital share among stakeholders following a BIM process. Regarding the definition of properties and groups of properties, this document provides: — definitions of properties and groups of properties as a list of attributes; — definitions of all the provided attributes. Regarding the authoring and maintaining process, this document provides: — definitions and roles of applicants; — definitions and roles of experts and the commission of experts; — definitions of request's attributes; — definitions of expert's attributes; — requirements to establish the management rules to interconnect data dictionaries through the mapping process for properties and groups of properties. To apply the methodology of this document, it is presupposed that the following are in place: — an established governance model for a data dictionary; — a framework for a network of data dictionaries. It is not in the scope of this document to provide the content of the interconnected data dictionaries.

Keel: en

Alusdokumendid: ISO 23386:2020; EN ISO 23386:2020

EVS-EN ISO 29134:2020

Information technology - Security techniques - Guidelines for privacy impact assessment (ISO/IEC 29134:2017)

ISO/IEC 29134:2017 gives guidelines for - a process on privacy impact assessments, and - a structure and content of a PIA report. It is applicable to all types and sizes of organizations, including public companies, private companies, government entities and not-for-profit organizations. ISO/IEC 29134:2017 is relevant to those involved in designing or implementing projects, including the parties operating data processing systems and services that process PII.

Keel: en

Alusdokumendid: ISO/IEC 29134:2017; EN ISO 29134:2020

EVS-EN ISO/IEC 15408-2:2020

Information technology - Security techniques - Evaluation criteria for IT security - Part 2: Security functional components (ISO/IEC 15408-2:2008)

ISO/IEC 15408-2:2008 defines the content and presentation of the security functional requirements to be assessed in a security evaluation using ISO/IEC 15408. It contains a comprehensive catalogue of predefined security functional components that will meet most common security needs of the marketplace. These are organized using a hierarchical structure of classes, families and components, and supported by comprehensive user notes. ISO/IEC 15408-2:2008 also provides guidance on the specification of customized security requirements where no suitable predefined security functional components exist.

Keel: en

Alusdokumendid: ISO/IEC 15408-2:2008; EN ISO/IEC 15408-2:2020

EVS-EN ISO/IEC 15408-3:2020

Information technology - Security techniques - Evaluation criteria for IT security - Part 3: Security assurance components (ISO/IEC 15408-3:2008)

ISO/IEC 15408-3:2008 defines the assurance requirements of the evaluation criteria. It includes the evaluation assurance levels that define a scale for measuring assurance for component targets of evaluation (TOEs), the composed assurance packages that define a scale for measuring assurance for composed TOEs, the individual assurance components from which the assurance levels and packages are composed, and the criteria for evaluation of protection profiles and security targets. ISO/IEC 15408-3:2008 defines the content and presentation of the assurance requirements in the form of assurance classes, families and components and provides guidance on the organization of new assurance requirements. The assurance components within the assurance families are presented in a hierarchical order.

Keel: en

Alusdokumendid: ISO/IEC 15408-3:2008; EN ISO/IEC 15408-3:2020

EVS-EN ISO/IEC 18045:2020

Information technology - Security techniques - Methodology for IT security evaluation (ISO/IEC 18045:2008)

ISO/IEC 18045:2008 is a companion document to ISO/IEC 15408, Information technology - Security techniques - Evaluation criteria for IT security. ISO/IEC 18045:2008 defines the minimum actions to be performed by an evaluator in order to conduct an ISO/IEC 15408 evaluation, using the criteria and evaluation evidence defined in ISO/IEC 15408. ISO/IEC 18045:2008 does not define evaluator actions for certain high assurance ISO/IEC 15408 components, where there is as yet no generally agreed guidance.

Keel: en

Alusdokumendid: ISO/IEC 18045:2008; EN ISO/IEC 18045:2020

EVS-EN ISO/IEC 19790:2020

Information technology - Security techniques - Security requirements for cryptographic modules (ISO/IEC 19790:2012)

ISO/IEC 19790:2012 the security requirements for a cryptographic module utilised within a security system protecting sensitive information in computer and telecommunication systems. This International Standard defines four security levels for cryptographic modules to provide for a wide spectrum of data sensitivity (e.g. low value administrative data, million dollar funds transfers, life protecting data, personal identity information, and sensitive information used by government) and a diversity of application environments (e.g. a guarded facility, an office, removable media, and a completely unprotected location). This International Standard specifies four security levels for each of 11 requirement areas with each security level increasing security over the preceding level. ISO/IEC 19790:2012 specifies security requirements specifically intended to maintain the security provided by a cryptographic module and compliance with this International Standard is not sufficient to ensure that a particular module is secure or that the security provided by the module is sufficient and acceptable to the owner of the information that is being protected.

Keel: en

Alusdokumendid: ISO/IEC 19790:2012; EN ISO/IEC 19790:2020

43 MAANTEESÕIDUKITE EHITUS

EVS-EN ISO 17409:2020

Electrically propelled road vehicles - Conductive power transfer - Safety requirements (ISO 17409:2020)

This document specifies electric safety requirements for conductive connection of electrically propelled road vehicles to external electric circuits. External electric circuits include external electric power supplies and external electric loads. This document provides requirements for the charging modes 2, 3, 4, as defined in IEC 61851-1, and reverse power transfer. For mode 4, this document provides requirements regarding the connection to an isolated DC EV charging station according to IEC 61851-23. NOTE 1 This edition does not provide requirements for mode 1. NOTE 2 External electric circuits are not part of the vehicle. This document applies to the on-board sections of vehicle power supply circuits. It applies also to dedicated power supply control functions used for the connection of the vehicle to an external electric circuit. It does not provide comprehensive safety information for manufacturing, maintenance and repair personnel. NOTE 3 ISO 6469-3 provides general electrical safety requirements for electrically propelled road vehicles. NOTE 4 With this edition of this document the limitation of y-capacitance for protection against electric shock under single failure conditions is no longer applicable as a fault protection provision when the vehicle has a conductive DC connection to an external electric circuit.

Keel: en

Alusdokumendid: ISO 17409:2020; EN ISO 17409:2020

Asendab dokumenti: EVS-EN ISO 17409:2017

45 RAUDTEETEHNIKA

CEN/TR 17469:2020

Railway applications - Axle design method

This document presents the stage of knowledge resulting from the Euraxles project about the design of the axle, and further steps to be taken. It is the support: - to define the loads to be taken into account; - to describe the stress calculation method using finite elements and the validation processes associated; - to specify the maximum permissible stresses to be assumed in calculations and the safety factors to be used. This technical report is applicable for: - wheelset Axles defined in EN 13261 as "pure wheelset"; - other axle designs such as those encountered in particular rolling stocks e.g. with independent wheels, variable gauges, urban rail. This document has not for aim to replace EN 13103-1 and CEN/TS 13103-2 but to present a complementary method to the existing ones.

Keel: en
Alusdokumendid: CEN/TR 17469:2020

EVS-EN 17084:2018/AC:2020

Raudteelased rakendused. Tuleohutus raudteeveeremis. Materjalide ja komponentide toksilisuse katsetamine Railway applications - Fire protection on railway vehicles - Toxicity test of materials and components

This document describes the measurement of the toxicity potential of the products of combustion based on two test methods: - Method 1: EN ISO 5659-2 Smoke chamber area-based test with Fourier transform infrared spectroscopy (FTIR) gas analysis techniques; - Method 2: NF X70-100-2 Tubular furnace small mass-based test. NOTE 1 This document also specifies test equipment and set out the calculation procedures for evaluation of toxicity data. NOTE 2 This document can be used in addition to others for the determination of toxic gases from devices installed in tunnel.

Keel: en
Alusdokumendid: EN 17084:2018/AC:2020
Parandab dokumenti: EVS-EN 17084:2018

EVS-EN 50305:2020

Railway applications - Railway rolling stock cables having special fire performance - Test methods

This document specifies special test methods applicable to cables, and their constituent insulating and sheathing materials, for use in railway rolling stock. Such cables are specified in the various parts of the EN 50264 series, EN 50306 series and EN 50382 series. Other test methods required for railway rolling stock cables and their insulating and sheathing materials are listed in Annex A.

Keel: en
Alusdokumendid: EN 50305:2020
Asendab dokumenti: EVS-EN 50305:2003

EVS-EN 50306-1:2020

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 1: General requirements

EN 50306-1 specifies the general requirements applicable to the cables given in EN 50306-2, EN 50306-3 and EN 50306-4. It includes the detailed requirements for S2 sheathing materials and other components called up in the separate parts. NOTE Detailed requirements for insulation systems are given in EN 50306-2. In particular, EN 50306-1 specifies those requirements relating to fire safety which enable the cables to satisfy Hazard Level 3 of EN 45545-1 and EN 45545-2. These cables are rated for occasional thermal stresses which causes ageing equivalent to continuous operational life at a temperature of 105 °C or 90 °C. For standard cables, this is determined by the acceptance test defined in EN 50305, using accelerated long-term (5 000 h) thermal ageing indicating a 125 °C or 110 °C /20 000 h temperature index. If the customer were to require lifetime predictions, this would be demonstrated based on the temperature index of the product as supplied by the manufacturer. The maximum temperature for short circuit conditions is 160 °C based on duration of 5 s. EN 50306-1 is expected to be used in conjunction with one or more of the other parts of EN 50306.

Keel: en
Alusdokumendid: EN 50306-1:2020
Asendab dokumenti: EVS-EN 50306-1:2003

EVS-EN 50306-2:2020

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 2: Single core cables

This document specifies requirements for, and constructions and dimensions of, single core cables, rated voltage $U_0 / U = 300 / 300$ V, of the following type: Unscreened (0,5 mm² to 2,5 mm² single core) These cables are rated for occasional thermal stresses causing ageing equivalent to continuous operational life at a temperature of 105 °C. For standard cables, this is determined by the acceptance test defined in EN 50305, using accelerated long-term (5 000 h) thermal ageing indicating a 125 °C/20 000 h temperature index. If the customer were to require lifetime predictions, this would be demonstrated based on the temperature index of the product as supplied by the manufacturer. The maximum temperature for short circuit conditions is 160 °C based on duration of 5 s. Under fire conditions the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. These requirements are specified to permit the cables to satisfy Hazard Level 3 of EN 45545-1 and EN 45545-2. EN 50306-2:2020 is expected to be used in conjunction with EN 50306-1:2020, General requirements.

Keel: en
Alusdokumendid: EN 50306-2:2020
Asendab dokumenti: EVS-EN 50306-2:2003

EVS-EN 50306-3:2020

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 3: Single core and multicore cables screened and thin wall sheathed

This document specifies requirements for, and constructions and dimensions of, multicore cables, rated voltage $U_0/U = 300/500$ V, of the following type: Screened (0,5 mm² to 2,5 mm², number of cores from 1 to 8). All cables have stranded tinned copper conductors, and thin wall thickness, halogen-free, insulation and sheath. They are for use in railway rolling stock as fixed wiring or wiring where limited flexing in operation is encountered. These cables are rated for occasional thermal stresses causing ageing equivalent to continuous operational life at a temperature of 90 °C. For standard cables, this is determined by the acceptance test defined in EN 50305, using accelerated long-term (5 000 h) thermal ageing indicating a 110 °C/20 000 h temperature index. If the customer were to require lifetime predictions this would be demonstrated based on the temperature index of the product as supplied by the manufacturer. The maximum temperature for short circuit conditions is 160 °C based on duration of 5 s. Under fire conditions, the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. These requirements are specified to permit the cables to satisfy Hazard Level 3 of EN 45545-1 and EN 45545-2. EN 50306 3:2020 is expected to be used in conjunction with EN 50306-1:2020, General Requirements, and EN 50306-2:2020, Single core cables.

Keel: en

Alusdokumendid: EN 50306-3:2020

Asendab dokumenti: EVS-EN 50306-3:2003

EVS-EN 50306-4:2020

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 4: Multicore and multipair screened or not screened sheathed cables

This document specifies requirements for, and constructions and dimensions of, multicore and multipair cables rated voltage U_0/U : 300/500 V, of the following types: - unscreened, sheathed for either exposed or protected wiring (0,5 mm² to 2,5 mm², number of cores from 2 to 48); - screened, sheathed for either exposed or protected wiring (0,5 mm² to 2,5 mm², number of cores from 2 to 8); - unscreened, sheathed for either exposed or protected wiring (0,5 mm² to 1,5 mm², number of screened pairs of cores from 2 to 7). - screened, sheathed for either exposed or protected wiring (0,5 mm² to 1,5 mm², number of unscreened pairs of cores from 2 to 7). All cables have stranded tinned copper conductors, halogen-free, thin wall thickness insulation and standard wall thickness sheath. Cable types are specified for use in exposed situations (Class E), and for protected situations (Class P). They are for use in railway rolling stock as fixed wiring or wiring where limited flexing in operation is encountered. These cables are rated for occasional thermal stresses causing ageing equivalent to continuous operational life at a temperature of 90 °C. For standard cables this is determined by the acceptance test defined in EN 50305, using accelerated long-term (5 000 h) thermal ageing indicating a 110 °C/20 000 h temperature index. If the customer were to require lifetime predictions this would be demonstrated based on the temperature index of the product as supplied by the manufacturer. The maximum temperature for short circuit conditions is 160 °C based on duration of 5 s. Under fire conditions the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. These requirements are specified to permit the cables to satisfy Hazard Level 3 of EN 45545-1 and EN 45545-2. EN 50306-4:2020 is expected to be used in conjunction with EN 50306-1:2020, General requirements, EN 50306-2:2020, Single core cables, and EN 50306-3:2020, Single core and multicore cables.

Keel: en

Alusdokumendid: EN 50306-4:2020

Asendab dokumenti: EVS-EN 50306-4:2003

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN 17243:2020

Cathodic protection of internal surfaces of metallic tanks, structures, equipment, and piping containing seawater

This document specifies the requirements and recommendations for cathodic protection systems applied to the internal surfaces of metallic tanks, structures, equipment and piping containing natural or treated seawater or brackish waters to provide an efficient protection from corrosion. Cathodic protection inside fresh water systems is excluded from this document. This is covered by EN 12499. NOTE EN 12499 covers internal cathodic protection for any kind of waters, including general aspects for seawater but excluding industrial cooling water systems. This document specifically details applications in seawater and brackish waters.

Keel: en

Alusdokumendid: EN 17243:2020

EVS-EN IEC 61162-460:2018/A1:2020

Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 460: Multiple talkers and multiple listeners - Ethernet interconnection - Safety and security

Amendment for EN IEC 61162-460:2018

Keel: en

Alusdokumendid: IEC 61162-460:2018/A1:2020; EN IEC 61162-460:2018/A1:2020

Muudab dokumenti: EVS-EN IEC 61162-460:2018

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 12312-15:2020

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 15: Pagasi ja seadmete veovahendid

Aircraft ground support equipment - Specific requirements - Part 15: Baggage and equipment tractors

This document specifies the technical requirements to minimize the hazards listed in Clause 4 which can arise during the commissioning, the operation and the maintenance of baggage and equipment tractors when used as intended, including misuse reasonably foreseeable by the manufacturer, when carried out in accordance with the specifications given by the manufacturer or his authorized representative. It also takes into account some requirements recognized as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies. This document applies to self-propelled baggage and equipment tractors with driver accommodation. This document does not apply to pedestrian controlled equipment. This document deals with vibrations which are considered as significant. Vibration measurements are dealt with in EN 1915-3. No extra requirements on noise are provided other than those given in EN 1915-4. NOTE EN 1915-4 provides the general GSE noise requirements. This part of EN 12312 is not applicable to baggage and equipment tractors manufactured before the date of its publication. This part of EN 12312 when used in conjunction with EN 1915-1, EN 1915-2, EN 1915-3 and EN 1915-4 provides the requirements for baggage and equipment tractors.

Keel: en

Alusdokumendid: EN 12312-15:2020

Asendab dokumenti: EVS-EN 12312-15:2006+A1:2009

EVS-EN 13718-1:2014+A1:2020

Meditsiinis kasutatavad liiklusvahendid ja nende varustus. Aerokeerabi. Osa 1: Nõuded aerokeerabis kasutatavatele meditsiiniseadmetele

Medical vehicles and their equipment - Air ambulances - Part 1: Requirements for medical devices used in air ambulances

This European Standard specifies general requirements for medical devices carried in air ambulances and used therein and outside hospitals and clinics in situations where the ambient conditions can differ from normal indoor conditions. This European Standard does not cover the requirements for approval and registration of the vehicle and the training of the staff which is the responsibility of the authority/authorities in the country where the ambulance is to be registered.

Keel: en

Alusdokumendid: EN 13718-1:2014+A1:2020

Asendab dokumenti: EVS-EN 13718-1:2014

EVS-EN 13718-2:2015+A1:2020

Meditsiinis kasutatavad liiklusvahendid ja nende varustus. Aerokeerabi. Osa 2: Aerokeerabi toimimis- ja tehnilised nõuded

Medical vehicles and their equipment - Air ambulances - Part 2: Operational and technical requirements for air ambulances

This part of EN 13718 specifies the requirements for performance and equipping for air ambulances, including requirements for interfaces to medical devices used for the transport and treatment of sick or injured persons. This part of EN 13718 is applicable to air ambulances capable of transporting at least one person on a stretcher. NOTE Requirements are specified for categories of air ambulances based on the different intended use. These are the helicopter emergency medical service (HEMS) the helicopter intensive care medical service (HICAMS) and the fixed wing air ambulance (FWAA).

Keel: en

Alusdokumendid: EN 13718-2:2015+A1:2020

Asendab dokumenti: EVS-EN 13718-2:2015

EVS-EN 16602-10-09:2020

Space product assurance - Nonconformance control system

This Standard defines the requirements for the control of nonconformances. This Standard applies to all deliverable products and supplies, at all levels, which fail to conform to project requirements. This Standard is applicable throughout the whole project lifecycle as defined in ECSS-M-ST-10. This standard may be tailored for the specific characteristics and constrains of a space project in conformance with ECSS-S-ST-00.

Keel: en

Alusdokumendid: EN 16602-10-09:2020

Asendab dokumenti: EVS-EN 16602-10-09:2014

EVS-EN 16602-20:2020

Space product assurance - Quality assurance

This Standard defines the quality assurance (QA) requirements for the establishment and implementation of a Quality Assurance programme for products of space projects. Discipline related qualification activities are complemented in standards specific to those disciplines (e.g. ECSS-E-ST-32-01 for fracture control). For software quality assurance, the software product assurance standard, ECSS-Q-ST-80 is applicable. This Standard is applicable to all space projects. This standard may be tailored for the specific characteristic and constrains of a space project in conformance with ECSS-S-ST-00. For the tailoring of this standard the following information is provided: - A table providing the pre-tailoring per "Product types" in clause 6 - A table providing the pre-tailoring per "Project phase" in Annex J

Keel: en

Alusdokumendid: ECSS-Q-ST-20C Rev.2 DFR1; EN 16602-20:2020

Asendab dokumenti: EVS-EN 16602-20:2014

EVS-EN 16603-50-12:2020

Space engineering - SpaceWire - Links, nodes, routers and networks

This Standard specifies the physical interconnection media and data communication protocols to enable the reliable sending of data at high-speed (between 2 Mb/s and 400 Mb/s) from one unit to another. SpaceWire links are full-duplex, point-to-point, serial data communication links. The scope of this Standard is the physical connectors and cables, electrical properties, and logical protocols that comprise the SpaceWire data link. SpaceWire provides a means of sending packets of information from a source node to a specified destination node. SpaceWire does not specify the contents of the packets of information. This Standard covers the following protocol levels: • Physical level: Defines connectors, cables, cable assemblies and printed circuit board tracks. • Signal level: Defines signal encoding, voltage levels, noise margins, and data signalling rates. • Character level: Defines the data and control characters used to manage the flow of data across a link. • Exchange level: Defines the protocol for link initialization, flow control, link error detection and link error recovery. • Packet level: Defines how data for transmission over a SpaceWire link is split up into packets. • Network level: Defines the structure of a SpaceWire network and the way in which packets are transferred from a source node to a destination node across a network. It also defines how link errors and network level errors are handled. This Standard may be tailored for the specific characteristics and constraints of a space project in conformance with ECSS-S-ST-00.

Keel: en

Alusdokumendid: ECSS-E-ST-50-12C; EN 16603-50-12:2020

EVS-EN 6046:2020

Aerospace series - Bearing, spherical, plain, in corrosion resisting steel - Narrow series - Dimensions and loads - Inch series

This European standard specifies the characteristics of inch based spherical plain bearing, metal to metal, in corrosion resisting steel, narrow series. They are intended for use in fixed or moving parts of the aircraft structure and their control mechanisms. They shall be used in the temperature range as determined by the grease capability as below: - code A: grease as per MIL PRF 23827 Type I, operating temperature range -73 °C to 121 °C; - code B: grease as per MIL PRF 81322, operating temperature range -54 °C to 177 °C. The range of application for bearings lubricated with grease per code A is limited to 121 °C. In both cases the spherical surface of the outer or inner ring have to be provided with a dry film lubricant as per MIL PRF 46010 or equivalent (anti seizing protection).

Keel: en

Alusdokumendid: EN 6046:2020

53 TÖSTE- JA TEISALDUS-SEADMED

EVS-EN ISO 7096:2020

Mullatöömashinad. Operaatori istme vibratsiooni laboratoorne hindamine Earth-moving machinery - Laboratory evaluation of operator seat vibration (ISO 7096:2020)

1.1 This document specifies, in accordance with ISO 10326-1:2016, a laboratory method for measuring and evaluating the effectiveness of the seat suspension in reducing the vertical whole-body vibration transmitted to the operator of earth-moving machines at frequencies between 1 Hz and 20 Hz. It also specifies acceptance criteria for application to seats on different machines. 1.2 This document is applicable to operator seats used on earth-moving machines as defined in ISO 6165. 1.3 This document defines the input spectral classes required for the following earth-moving machines. Each class defines a group of machines having similar vibration characteristics: — rigid-frame dumpers >4 500 kg operating mass; — articulated-frame dumpers; — scrapers without axle or frame suspension[1]; — wheeled loaders >4 500 kg operating mass; — graders; — wheeled dozers; — soil compactors; — backhoe loaders; — crawler dumpers; — crawler loaders; — crawler-dozers ≤50 000 kg operating mass[2]; — compact dumpers ≤4 500 kg operating mass; — wheeled compact loaders ≤4 500 kg operating mass; — skid-steer loaders, wheeled ≤4 500 kg and tracked ≤6 000 kg operating mass. 1.4 The following machines impart sufficiently low vertical vibration inputs at frequencies between 1 Hz and 20 Hz to the seat during operation that these seats do not require suspension for the attenuation of transmitted vibration: — excavators, including walking excavators and cable excavators[3]; — trenchers; — landfill compactors; — non-vibratory rollers, except soil compactors; — vibratory rollers, except soil compactors; — pipelayers; — horizontal directional drills (HDD). 1.5 The tests and criteria defined in this document are intended for operator seats used in earth-moving machines of conventional design. NOTE Other tests can be appropriate for machines with design features that result in significantly different vibration characteristics. 1.6 Vibration which reaches the operator other than through the seat, for example that sensed by the operator's feet on the platform or control pedals or by the operator's hands on the steering-wheel, is not covered. [1] For scrapers with suspension, either a seat with no suspension can be used, or one having a suspension with high damping. [2] For crawler dozers greater than 50 000 kg, the seat performance requirements are suitably provided by a cushion type seat. [3] For excavators, the predominant vibration is generally in the fore and aft (X) axis.

Keel: en

Alusdokumendid: ISO 7096:2020; EN ISO 7096:2020

Asendab dokumenti: EVS-EN ISO 7096:2008

Asendab dokumenti: EVS-EN ISO 7096:2008/AC:2009

EVS-EN ISO 1833-17:2020

Textiles - Quantitative chemical analysis - Part 17: Mixtures of cellulose fibres and certain fibres with chlorofibres and certain other fibres (method using concentrated sulfuric acid) (ISO 1833-17:2019)

This document specifies a method, using concentrated sulfuric acid, to determine the mass percentage of chlorofibres and certain other fibres, after removal of non-fibrous material, in textiles made of mixtures of — cotton, viscose, cupro, modal, lyocell, acetate, triacetate, polyamide, polyester, elastomultiester, certain acrylic and certain modacrylic fibres with — chlorofibres (based on homopolymers of vinyl chloride), polypropylene, elastolefin, melamine and polypropylene/polyamide bicomponent. The modacrylics concerned are those which give a clear solution when immersed in concentrated sulfuric acid. This method can be used, particularly in place of the methods described in ISO 1833-12 and ISO 1833-13, in all cases where a preliminary test shows that the chlorofibres do not dissolve completely either in dimethylformamide or in the azeotropic mixture of carbon disulfide and acetone.

Keel: en

Alusdokumendid: ISO 1833-17:2019; EN ISO 1833-17:2020

Asendab dokumenti: EVS-EN ISO 1833-17:2010

65 PÖLLUMAJANDUS

EVS-EN 15741:2020

Animal feeding stuffs: Methods of sampling and analysis - Determination of OCPs and PCBs by GC-MS

This document specifies a gas chromatographic mass spectrometric (GC/MS) method for the determination of organochlorine pesticides (OCPs) and polychlorinated biphenyls (PCBs) in animal feeding stuffs and oil. The method is applicable to animal feeding stuffs consisting of less than 20 % by mass and oil/fatty samples containing residues of one or more of the following OCPs and PCBs and some of their isomers and degradation products: aldrin; dieldrin; chlordane, as the sum of chlordane isomers and oxychlordane; dichlorodiphenyltrichloroethane (DDT), as the sum of isomers *op'*-DDT, *pp'*-DDT, *pp'*-TDE (*pp'*-DDD), and *pp'*-DDE; endosulfan, as the sum of α -/ β -isomers and endosulfan-sulphate; endrin, as the sum of endrin and delta-keto-endrin; heptachlor, as the sum of heptachlor and heptachlor epoxide; hexachlorobenzene (HCB); hexachlorocyclohexane isomers α -HCH (α -BHC), β -HCH (β -BHC), γ -HCH (γ -BHC or lindane); photo heptachlor; *cis*- and *trans*-nonachlor; non dioxin-like PCBs (*ndl*-PCBs), as the sum of PCB 28, 52, 101, 138, 153 and 180. The method has been fully validated by a collaborative trial for the substances and corresponding ranges (ng/g) noted in Table 1. The method has not been fully validated for oxychlordane, endrin ketone, *cis*- and *trans*-nonachlor and photo heptachlor in all matrices. The method is not applicable to chlorocamphene (toxaphene), a complex mixture of polychlorinated camphenes. Chlorocamphene has a very distinctive chromatographic profile and is easily recognisable by GC/ECD. Positive identification of the toxaphene isomers can be performed by negative chemical ionisation mass spectrometry (NCI-MS), electron impact tandem mass spectrometry (EI MS \times MS) or electron impact high resolution mass spectrometry (EI-HRMS), which is not within the scope of this method. A limit of quantification (LOQ) for the mentioned organochlorine pesticides of 5 ng/g should normally be obtained. However, 10 ng/g applies for heptachlor aldrin, endrin, dieldrin, and endosulfan (α -, β - and sulphate). For the *ndl*-PCBs an LOQ of 0,5 to 1,0 ng/g should be obtained. The LOQs mentioned apply to the individual compounds (i.e. not the sum of two or more compounds). Individual laboratories are responsible for ensuring that the equipment that they used will achieve these LOQs. On customers' demand the standard may be applied to solely the analysis of PCBs or OCPs.

Keel: en

Alusdokumendid: EN 15741:2020

Asendab dokumenti: EVS-EN 15741:2009

EVS-EN 15742:2020

Animal feeding stuffs: Methods of sampling and analysis - Determination of OCPs by GC-ECD

This document specifies a gas chromatographic method with electron capture detection (ECD) for the determination of organochlorine pesticides (OCPs) in compound feeds and oil and fats. The method is applicable to animal compound feed, oils and fats and fish meals with a water content up to about 20 % by weight and oil/fatty samples containing residues of one or more of the following OCPs, toxaphene and some of their isomers and degradation products: — aldrin; — dieldrin; — dichlorodiphenyltrichloroethane (DDT) (the isomers *op'*-DDT, *pp'*-DDT, *pp'*-TDE (*pp'*-DDD), and *pp'*-DDE); — endosulfan (as the sum of α -/ β -isomers); — endrin; — hexachlorobenzene (HCB); — hexachlorocyclohexane isomers α -HCH (α -BHC), β -HCH (β -BHC), γ -HCH (γ -BHC or lindane); For the following OCPs, the method is considered a screening method. Additional in-house validation is required for reporting validated data. — chlordane (as the sum of chlordane isomers and oxychlordane); — endosulfan-sulphate; — delta-keto-endrin; — heptachlor (as the sum of heptachlor and heptachlor epoxide); — photo-heptachlor; — *cis* — and *trans*-nonachlor. A limit of quantification (LOQ) for the mentioned OCPs of 5 μ g/kg is intended to be obtained. However, 10 μ g/kg applies for heptachlor, aldrin, endrin, dieldrin, and endosulfan (α -/ β - and sulphate). Individual laboratories are responsible for ensuring that the equipment that they use, achieves these limits of quantifications. The LOQs apply to the individual OCPs.

Keel: en

Alusdokumendid: EN 15742:2020

Asendab dokumenti: EVS-EN 15742:2009

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 17099:2020

Information technology - Fishery and aquaculture products - Requirements for labelling of distribution units and pallets in the trade of fishery and aquaculture products

This document specifies requirements for labels to be used on distribution units (boxes, cartons, bags, etc.), and logistic units (pallets, cages, trolleys, etc.) for fishery and aquaculture products, ensuring uniform labels with human readable text and bar codes using a common data set, thereby fulfilling EU regulations and facilitating traceability. NOTE Other labelling systems could also address European regulatory requirements. This document does not address the exchange of any information by means other than the use of labels. The technologies referred to in this document are examples of methods that are suitable to provide product traceability. This document does not cover requirements on the labelling or marking of consumer packaging but aims to ensure that the necessary information for consumer packaging labelling or marking is available through the supply chain.

Keel: en

Alusdokumendid: EN 17099:2020

EVS-EN ISO 16624:2020

Wheat flour and durum wheat semolina - Determination of colour by diffuse reflectance colorimetry (ISO 16624:2020)

This document specifies a method for the determination of colour in durum wheat semolina and wheat flour by diffuse reflectance colorimetry. It is applicable to industrial semolina and flour. The method can be applicable to flour obtained from experimental mill.

Keel: en

Alusdokumendid: ISO 16624:2020; EN ISO 16624:2020

71 KEEMILINE TEHNOLOOGIA

EVS-EN 14128:2020

Durability of wood and wood-based products - Efficacy criteria for curative wood preservatives as determined by biological tests

This document specifies the minimum performance requirements in biological tests for products for curative uses against specific wood destroying organisms. It specifies the biological tests required together with the efficacy criteria to be achieved in each test. Chemicals against insects can act according to their specific properties within a short time (fast acting) or only after a long period (slow acting or with a deferred effect). Different tests and efficacy requirements are needed for these various types of curative wood preservatives. This document is applicable to all wood preservative products supplied for application in liquid form for curative uses against attack by wood boring beetles. This document is also applicable for products applied to prevent the growth of the dry rot fungus through masonry. This document is also applicable to products for curative uses supplied for application as pastes, solids or in capsule form but only where appropriate biological methods of test exist as published European Standards. NOTE This standard is used as a reference document for the evaluation of efficacy of biocidal products PT8 (wood preservatives) in the framework of the European Regulation on Biocidal Products (EU) No 528/2012 (BPR). This document is not applicable to products used as fumigants. This document is also not applicable for determining whether specific curative products, used alone or in combination, are effective in conferring long-term protection against attack by wood destroying organisms. Preventive effectiveness can be determined using EN 599-1 but only for products that can be tested using the methods and interpretative procedures defined in EN 599-1. Annex A (informative) contains a guidance on re-testing after making variations in product formulation. Annex B (informative) contains some test recommendations for specific curative products against other insect species than *Hylotrupes bajulus* and *Anobium punctatum*.

Keel: en

Alusdokumendid: EN 14128:2020

Asendab dokumenti: EVS-EN 14128:2004

EVS-EN 14624:2020

Performance of portable locating leak detectors and of fixed gas detectors for all refrigerants

This document specifies the requirements for portable locating leak detectors and fixed gas detectors for all refrigerants. Locating detectors used in factories for manufacturing processes are not included in the Scope of EN 14624. 1.1 Product application: This document applies to different applications and environments such as plant and machine rooms, production rooms, cold rooms, supermarkets, occupied spaces like offices and hotels. 1.2 Product performance: This document specifies minimum requirements for sensitivity, operating range, response time, environmental conditions and cross sensitivity from interference gases. 1.3 Product installation: This document gives guidance of suitable technology, location of detection points, interconnection with secondary equipment (e.g. initiation of mechanical ventilation, personnel warning, and equipment shutdown). 1.4 Service and maintenance: This document gives guidance for service and maintenance: Sensors and mechanical equipment have a limited operating life and require regular performance verification to ensure conformity.

Keel: en

Alusdokumendid: EN 14624:2020

Asendab dokumenti: EVS-EN 14624:2012

EVS-EN ISO 28399:2020

Dentistry - External tooth bleaching products (ISO 28399:2020)

This document specifies requirements and test methods for external tooth bleaching products. These products are intended for use in the oral cavity, either by professional application (in-office tooth bleaching products) or consumer application (professional or non-professional home use of tooth bleaching products), or both. It also specifies requirements for their packaging, labelling and manufacturer's instructions for use. This document is not applicable to tooth bleaching products: — specified in ISO 11609; — intended to change colour perception of natural teeth by mechanical methods (e.g. stain removal) or using restorative approaches, such as veneers or crowns; — auxiliary or supplementary materials (e.g. tray materials) and instruments or devices (e.g. lights) that are used in conjunction with the bleaching products. This document does not specify biological safety aspects of tooth bleaching products. NOTE Maximum concentration of a bleaching agent for professional or non-professional use is subject to each country's regulatory body.

Keel: en

Alusdokumendid: ISO 28399:2020; EN ISO 28399:2020

Asendab dokumenti: EVS-EN ISO 28399:2011

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN ISO 20024:2020

Solid biofuels - Safe handling and storage of solid biofuel pellets in commercial and industrial applications (ISO 20024:2020)

This document provides principles and requirements for safe handling and storage of solid biofuels pellets in commercial and industrial applications. This document is using a risk-based approach to determine what safety measures should be considered. Facilities with a storage capacity <100 t are covered by ISO 20023. Generally, for end-user facilities with a storage capacity of <1 000 t, ISO 20023 could also be applicable if storage principle and facility complexity is in-line with the objectives of ISO 20023. This document covers the handling and storage process of pellets in the following applications: — at a pellet production plant from the outlet of the cooler unit until loaded for transportation; — at a commercial distributor from the receiving station until loaded for transportation; and — at an industrial end-user from the receiving station until fed into the fuel preparation or combustion process. Although unloading and loading of e.g. vessels, trains or trucks are included in the operational envelopes defined above, the safety aspect of the transportation itself is beyond the scope of this document. This document also gives specific guidance on detection and suppression systems and preparatory measures to enable safe and efficient firefighting operations. Guidance on the management of fire and explosion incidents is also specified.

Keel: en

Alusdokumendid: ISO 20024:2020; EN ISO 20024:2020

EVS-EN ISO 20321:2020

Petroleum, petrochemical and natural gas industries - Safety of machineries - Powered elevators (ISO 20321:2020)

This document specifies general safety requirements for the design, testing and production of powered elevators. The requirements are applicable for onshore and offshore applications of such elevators in the petroleum and petrochemical industries. This document does not cover any other type of elevator. It is not applicable to the following types of products: — remote control devices; — lifting nubbins; — lifting plugs; — lifting subs; — internal gripping devices; — equipment for lifting tubular from and onto a vessel; — elevator links or bails. This list is not exhaustive. This document is not applicable to powered elevators manufactured before the date of this publication. NOTE Annex A provides the relation between the clauses of the European Directive on machinery (Directive 2006/42/EC) and this document, for potential significant hazards and the safety requirements dealing with them for powered elevators.

Keel: en

Alusdokumendid: ISO 20321:2020; EN ISO 20321:2020

77 METALLURGIA

EVS-EN 17243:2020

Cathodic protection of internal surfaces of metallic tanks, structures, equipment, and piping containing seawater

This document specifies the requirements and recommendations for cathodic protection systems applied to the internal surfaces of metallic tanks, structures, equipment and piping containing natural or treated seawater or brackish waters to provide an efficient protection from corrosion. Cathodic protection inside fresh water systems is excluded from this document. This is covered by EN 12499. NOTE EN 12499 covers internal cathodic protection for any kind of waters, including general aspects for seawater but excluding industrial cooling water systems. This document specifically details applications in seawater and brackish waters.

Keel: en

Alusdokumendid: EN 17243:2020

EVS-EN ISO 7526:2020

Ferronickels - Determination of sulfur content - Infrared absorption method after induction furnace combustion (ISO 7526:2020)

This document specifies an infrared absorption method after combustion in an induction furnace for the determination of the sulfur content in ferronickels in the range of 0,002 % to 0,12 %. The method is applicable to normal production operations. It uses commercially available equipment, which is calibrated using steel and/or ferronickel certified reference materials (CRMs).

Keel: en

Alusdokumendid: ISO 7526:2020; EN ISO 7526:2020

Asendab dokumenti: EVS-EN 27526:2000

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 17333-1:2020

Characterisation of one component foam - Part 1: Foam yield characteristics

This document specifies test methods for the evaluation of the foam yield characteristics for moisture curing, self-curing activatable or water drying foams dispensed from single pressurized foam containers. This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory requirements prior to use. The following test methods are described: - Method 1 - Determination of the apparent density of an OCF extruded in a joint and calculation of the theoretical foam yield in running meters of the whole can. - Method 2 - Determination of the real yield of cured foam, respecting eventual cavities inside the foam structure. - Method 3 - Determination of the free foamed density of a cured OCF for identification purposes only. - Method 4 - Determination of the total foam yield for the whole OCF container for moisture and self-curing foam that can be measured by water displacement.

Keel: en

Alusdokumendid: EN 17333-1:2020

EVS-EN 17333-2:2020

Characterisation of one component foam - Part 2: Expansion characteristics

This document specifies test methods for the evaluation of the expansion properties for moisture curing, self-curing activatable or water drying foams dispensed from single pressurized foam containers. This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory requirements prior to use. The following test methods are described: - Method 1 - Dimensional stability: This test method describes how to determine the dimensional stability (shrinkage or expansion) of cured foam under typical and extreme conditions. - Method 2 - Curing pressure: This method describes how to determine the generation of pressure during the curing process of an OCF. - Method 3 - Post expansion: This method describes how to measure the expansion of a dispensed froth during the curing phase.

Keel: en

Alusdokumendid: EN 17333-2:2020

EVS-EN 17333-3:2020

Characterisation of one component foam - Part 3: Application

This document specifies test methods for the evaluation of the application properties for moisture curing, self-curing activatable or water drying foams dispensed from single pressurized foam containers. This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory requirements prior to use. The following test methods are described: - Method 1 - Cutting time: This test method describes how to determine the hardening time of a dispensed froth until it could be cut. - Method 2 - Tack free time: This test method describes how to determine the tack free time of a freshly foamed OCF. - Method 3 - Sagging: This test method describes how to evaluate the sagging behaviour and determine the biggest joint possible before dispensed froth slips off.

Keel: en

Alusdokumendid: EN 17333-3:2020

EVS-EN 17333-5:2020

Characterisation of one component foam - Part 5: Insulation

This document specifies test methods for the evaluation of the insulation properties for moisture curing, self-curing activatable or water drying foams dispensed from single pressurized foam containers. This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory requirements prior to use. The following test method is described: - Thermal conductivity: This method describes how to determine the long term thermal conductivity of a cured OCF foam, dispensed from a pressurized foam container, with a sample subjected to accelerated ageing procedure.

Keel: en

Alusdokumendid: EN 17333-5:2020

EVS-EN ISO 11357-2:2020

Plastics - Differential scanning calorimetry (DSC) - Part 2: Determination of glass transition temperature and step height (ISO 11357-2:2020)

This document specifies methods for the determination of the glass transition temperature and the step height related to the glass transition of amorphous and partially crystalline plastics.

Keel: en

Alusdokumendid: ISO 11357-2:2020; EN ISO 11357-2:2020
Asendab dokumenti: EVS-EN ISO 11357-2:2014

EVS-EN ISO 23153-1:2020

Plastics - Polyetheretherketone (PEEK) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 23153-1:2020)

This document establishes a system of designation for polyetheretherketone (PEEK) moulding and extrusion materials which can be used as the basis for specifications. Polyetheretherketone polymer chains are composed of phenylene rings linked in (1,4) position by a sequence of two ether groups followed by one ketone group. The grades of PEEK plastics are differentiated from each other by a classification system based on appropriate levels of the designatory properties a) melt viscosity or melt volume-flow rate; b) tensile modulus; c) tensile strength; and on information about the intended application and/or method of processing, important properties, additives, colorants, fillers and reinforcing materials. The designation system is applicable to all polyetheretherketones. It applies to materials ready for normal use in the form of powder, granules or pellets, unmodified or modified by colourants, fillers, reinforcements or other additives. It is not intended to imply that materials having the same designation necessarily give the same performance. This document does not provide engineering data, performance data or data on processing conditions which can be required to specify a material for a particular application and/or method of processing. If such additional properties are required, they are intended to be determined in accordance with the test methods specified in ISO 23153-2, if suitable. In order to specify a thermoplastic material for a particular application or to ensure reproducible processing, additional requirements are given in data block 5 (see 4.1).

Keel: en

Alusdokumendid: ISO 23153-1:2020; EN ISO 23153-1:2020

EVS-EN ISO 75-1:2020

Plastics - Determination of temperature of deflection under load - Part 1: General test method (ISO 75-1:2020)

1.1 This document gives a general test method for the determination of the temperature of deflection under load (flexural stress under three-point loading) of plastics. Different types of test specimen and different constant loads are defined to suit different types of material. 1.2 ISO 75-2 gives specific requirements for plastics (including filled plastics and fibre-reinforced plastics in which the fibre length, prior to processing, is up to 7,5 mm) and ebonite, while ISO 75-3 gives specific requirements for high-strength thermosetting laminates and long-fibre-reinforced plastics in which the fibre length, prior to processing, is greater than 7,5 mm. 1.3 The methods specified are suitable for assessing the relative behaviour of different types of material at elevated temperature under load at a specified rate of temperature increase. The results obtained do not necessarily represent maximum applicable temperatures because, in practice, essential factors, such as time, loading conditions and nominal surface stress, can differ from the test conditions. True comparability of data can only be achieved for materials having the same room-temperature flexural modulus. 1.4 The methods specify preferred dimensions for the test specimens. 1.5 Data obtained using the test methods described are not intended to be used to predict actual end-use performance. The data are not intended for design analysis or prediction of the endurance of materials at elevated temperatures. 1.6 This method is commonly known as the heat deflection temperature or heat distortion temperature (HDT) test, although there is no official document using this designation.

Keel: en

Alusdokumendid: ISO 75-1:2020; EN ISO 75-1:2020

Asendab dokumenti: EVS-EN ISO 75-1:2013

91 EHITUSMATERJALID JA EHITUS

CEN/TR 14245:2020

Cement - Guidelines for the application of EN 197-2: Assessment and verification of constancy of performance

This document specifies the scheme for the assessment and verification of constancy of performance (AVCP) of cements, including certification of constancy of performance. The document provides technical rules for factory production control, further testing of samples taken at the manufacturing plant (autocontrol testing) and assessment of the performance of the cement, initial inspection of the manufacturing plant and of factory production control, continuing surveillance, assessment and evaluation of factory production control and audit-testing of samples. It also provides rules for actions to be followed in the event of non-conformity and requirements for depots. In this document, the word "cement" is used to refer both to common cements as defined in EN 197-1 and to other cements and binders for which the relevant product specification standard makes reference to this document and which are submitted for certification. Such a cement is produced at a given factory and belongs to a particular type and a particular strength class, as defined and specified in the relevant product specification standard. The guidelines given in the Technical Report CEN/TR 14245 contain information for the application of this document. This document is linked with Annexes ZA of European Standards covering cements and binders, i.e. EN 197-1, EN 14216, EN 14647, EN 413-1 and EN 15743. NOTE The reason for having drafted this separate document is that the provisions it includes are applicable to different products covered by different European Standards. Guidance EN 197-2 deals with the assessment and verification of constancy of performance (AVCP) of cements and binders that are submitted for certification. It deals in particular with cases where "further testing" of the product is undertaken, as is the case for attestation system 1+ under the Construction Products Regulation. The products for which EN 197-2 is applicable are: the common cement products and the low heat cements and the sulfate resisting cements, refer to EN 197-1, the very low heat special cements, refer to EN 14216, the supersulfated cements, refer to EN 15743, the calcium aluminate cements, refer to EN 14647, and the masonry cements, refer to EN 413-1.

Keel: en

Alusdokumendid: CEN/TR 14245:2020

Asendab dokumenti: CEN/TR 14245:2014

EVS-EN 16867:2020

Building hardware - Mechatronic door furniture - Requirements and test methods

1.1 General This document applies to Mechatronic door furniture (MDF) fitted on the door set which gives the possibility to control the locking and/or release part through an electronic authorization means. This can be operable by credentials (i.e. card, code, biometric). The MDF according to this document is combined with locks according to EN 12209, EN 14846, EN 15685 or may be a part of an emergency exit device according to EN 179, EN 1125 or EN 13637. The MDF may be standalone or linkable to an external control system. The document would allow classifying the MDF upon several characteristics such as category of use, durability, environmental, security, and type of operating device. The suitability of the MDF for use on fire or smoke-door assemblies is determined by fire resistance tests conducted in addition to the performance testing specified by this document. 1.2 Exclusions This document does not cover: - mechatronic cylinders according to EN 15684; - electromechanical operated locks and striking plates according to EN 14846.

Keel: en

Alusdokumendid: EN 16867:2020

EVS-EN 17213:2020

Windows and doors - Environmental Product Declarations - Product category rules for windows and pedestrian doorsets

This document provides product category rules (PCR) for Type III environmental declarations for windows and pedestrian doorsets as defined in EN 14351-1 and EN 14351-2. Windows and pedestrian doorsets additionally providing fire resistance and/or smoke control characteristics according to EN 16034 are also covered by this document. NOTE 1 Windows that incorporate shutters and/or shutter boxes and/or blinds are in scope of this PCR. For any connected electrical devices (e.g. motors, sensors) -see 6.3.4.2. This document complements the core rules for the product category of construction products as defined in the European standard EN 15804:2012+A1:2013. The document is to be used in conjunction with EN 15804:2012+A1:2013, not replace it. NOTE 2 The assessment of social and economic performances at product level is not covered by this document. The core PCR: - defines the parameters to be declared and the way in which they are collated and reported; - describes which stages of a product's life cycle are considered in the EPD and which processes are to be included in the life cycle stages; - defines rules for the development of scenarios; - includes the rules for calculating the Life Cycle Inventory and the Life Cycle Impact Assessment underlying the EPD, including the specification of the data quality to be applied; - includes the rules for reporting the predetermined, environmental and health information that is not covered by Life Cycle Assessment (LCA) for the product, construction process(es) and construction service(s), as relevant; - defines the conditions under which construction products can be compared based on the information provided by EPD. For the EPD of construction services the same rules and requirements apply as for the EPD of construction products.

Keel: en

Alusdokumendid: EN 17213:2020

EVS-EN 17293:2020

Ajutiste ehitustööde tarindid. Valmistamine. Valmistamise nõuded Temporary works equipment - Execution - Requirements for manufacturing

See dokument määratleb nõuded ajutiste ehitustööde tarindite elementide valmistamiseks a) tehases või; b) ehitusplatsil, kui tehases valmistamine ei ole teostatav. See dokument määratleb ajutiste ehitustööde tarindite elementide valmistamise nõuded lisaks või vastupidiselt standardite EN 1090-2, EN 1090-3, EN 1090-4, EN 1090-5 ja EN 1995-1-1 nõuetele. Peale selle täpsustatakse selles dokumendis puitelementide valmistamise nõuded, mis on projekteeritud eurokoodeksite kohaselt ja mida kasutatakse ajutiste ehitustööde tarindites. Selles dokumendis ei määratleta ajutiste ehitustööde tarindite montaaži ega transpordi nõudeid.

Keel: en, et

Alusdokumendid: EN 17293:2020

EVS-EN 17333-4:2020

Characterisation of one component foam - Part 4: Mechanical strength

This document specifies test methods for the evaluation of the mechanical properties for moisture curing, self-curing activatable or water drying foams dispensed from single pressurized foam containers. This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory requirements prior to use. The following test methods are described: - Method 1 - Compression strength: This test method describes how to determine the compressive strength of a cured foam. It gives an indication of the foams resistance against area distributed pressure. The maximum endurable stress is determined. - Method 2 - Movement capability: This test method describes how to determine the movement capability of cured foam. The result gives an indication of the degree of flexibility of the cured foam. - Method 3 - Bonding strength: The method displays the measurement of the bonding power of a One Component (Foam) Adhesive, dispensed from a pressurized foam container, between two substrates with direct contact. - Method 4 - Tensile strength: This test method describes how to determine the maximum stress a cured foam can withstand while being stretched before breaking. The result gives an indication of the elasticity of the cured foam. - Method 5 - Shear strength: This method displays the behaviour of a foam system towards shear forces. It shows the strength and the bonding power of the foam as the sandwich element between wooden plates. The test is conducted according to EN 12090.

Keel: en

Alusdokumendid: EN 17333-4:2020

EVS-EN 197-2:2020

Cement - Part 2: Assessment and verification of constancy of performance

This document specifies the scheme for the assessment and verification of constancy of performance (AVCP) of cements, including certification of constancy of performance. The document provides technical rules for factory production control, further testing of samples taken at the manufacturing plant (autocontrol testing) and assessment of the performance of the cement, initial inspection of the manufacturing plant and of factory production control, continuing surveillance, assessment and evaluation of factory production control and audit-testing of samples. It also provides rules for actions to be followed in the event of non-conformity and requirements for depots. In this document, the word "cement" is used to refer both to common cements as defined in EN 197-1 and to other cements and binders for which the relevant product specification standard makes reference to this document and which are submitted for certification. Such a cement is produced at a given factory and belongs to a particular type and a particular strength class, as defined and specified in the relevant product specification standard. The guidelines given in the Technical Report CEN/TR 14245 [1] contain information for the application of this document. This document is linked with the Annexes ZA of European Standards covering cements and binders, i.e. EN 197-1, EN 14216, EN 14647, EN 413-1 and EN 15743. NOTE The reason for having drafted this separate document is that the provisions it includes are applicable to different products covered by different European Standards.

Keel: en

Alusdokumendid: EN 197-2:2020

Asendab dokumenti: EVS-EN 197-2:2014

93 RAJATISED

EVS-EN ISO 18674-3:2017/A1:2020

Geotechnical investigation and testing - Geotechnical monitoring by field instrumentation - Part 3: Measurement of displacements across a line: Inclinometers - Amendment 1 (ISO 18674-3:2017/Amd 1:2020)

Amendment for EN ISO 18674-3:2017

Keel: en

Alusdokumendid: ISO 18674-3:2017/Amd 1:2020; EN ISO 18674-3:2017/A1:2020

Muudab dokumenti: EVS-EN ISO 18674-3:2017

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 131-4:2020

Ladders - Part 4: Single or multiple hinge-joint ladders

This document specifies the requirements, tests and marking of hinged combination ladders with one or several hinge joints. This document is not applicable to hinge-joints of combination and standing ladders as defined by EN 131-1. This part of the standard is intended to be used in conjunction with EN 131-1, EN 131-2 and EN 131-3.

Keel: en

Alusdokumendid: EN 131-4:2020

Asendab dokumenti: EVS-EN 131-4:2007

EVS-EN 15398:2020

Resilient, textile, laminate and modular mechanical locked floor coverings (MMF) - Floor covering standard symbols - Complementary element

This document establishes a system of graphic symbols for use in the marking of the following floor coverings and specifies the use of these symbols: - resilient floor coverings manufactured from plastics, linoleum, cork or rubber, excluding loose-laid mats; - textile floor coverings, including loose-laid mats and rugs; - laminate floor coverings; - modular mechanical locked floor coverings (MMF).

Keel: en

Alusdokumendid: EN 15398:2020

Asendab dokumenti: CEN/TS 15398:2016

EVS-EN 17109:2020

Kõitest rajad. Isikukaitsesüsteemid. Ohutusnõuded ja katsemeetodid Mountaineering equipment - Individual safety systems for rope courses - Safety requirements and test methods

This document specifies safety requirements and test methods for components of an individual safety system for protection against a fall from height used in permanent and mobile rope courses as defined in EN 15567 1. The products considered in this standard are not intended to limit, by themselves, the deceleration of the fall of the user, as defined in EN 15567 1. For this requirement, it is essential to consider the whole ropes course system. Safety lines and harness are not covered in this standard.

Keel: en

Alusdokumendid: EN 17109:2020

EVS-EN 17232:2020

Water play equipment and features - Safety requirements, test methods and operational requirements

This document specifies safety requirements, test methods and operational requirements for water play equipment, features and structures: - intended for playing, and - in areas intended for water activities for public use (non-domestic), typically in swimming pool facilities, and - where water is an integral part in the use of the play equipment/feature/structures. This document also applies for spray parks. This document does not apply to: a) floating leisure articles according to EN ISO 25649 series; b) artificial climbing walls according to EN 12572 series; c) toys according to EN 71 series; d) water slides according to EN 1069 series; e) climbing/bouldering walls used in the swimming pool surround according to EN 17164; f) water equipment/features (e.g. ornamental fountains) not intended for playing; g) water play equipment/features installed in swimming pools for domestic use. h) playground equipment according to EN 1176 series.

Keel: en

Alusdokumendid: EN 17232:2020

EVS-EN 60335-1:2012+A11+A13+A1+A14+A2:2019

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 1: Üldnõuded

Household and similar electrical appliances - Safety - Part 1: General requirements (IEC 60335-1:2010, modified + IEC 60335-1:2010/A1:2013, modified + COR1:2014 + IEC 60335-1:2010/A2:2016, modified + COR1:2016)

See Euroopa standard käsitleb kodumajapidamises ja kaubanduslikul otstarbel kasutatavate elektriseadmete ohutust, kusjuures seadmete tunnuspinge ei ole ühefaasilise toite korral üle 250 V ega muudel juhtudel üle 480 V. MÄRKUS 1 Selle standardi käsitlusalasasse kuuluvad ka patareitoitega ja muud alalisvoolutoitega seadmed. Kaksiktoitega seadmeid, mida toidetakse vooluvõrgust või patareidest, käsitletakse patareimooduse korral patareitoitega seadmetena. MÄRKUS Z1 Kodumajapidamises kasutatavate seadmete hulka kuuluvad nt tüüpiliste majapidamis-funktsioonidega seadmed, mida võivad majapidamisotstarbel kasutada ka mittespetsialistid • kauplustes, kontorites ja muudes taolistes töökeskkondades, • farmihoonetes, • kui kliendid hotellides, motellides ja muudes olmekeskkondades, • ööbimise ja hommikusöögiga majutuskeskkonnas. MÄRKUS Z2 Majapidamiskeskond hõlmab elamuid ja nendega seotud ehitisi, iluaedasid jne. Selle standardi käsitlusalasasse kuuluvad kauplustes, kergetööstuses ja farmides asjatundjate või väljaõpetatud personali poolt kasutamiseks ette nähtud seadmed ja masinad ning tavaisikute poolt teeninduslikuks kasutamiseks ette nähtud seadmed ja masinad. Täiendavad nõuded sellistele seadmetele on esitatud lisas ZE. MÄRKUS 2 Kehtetu. MÄRKUS Z3 Niisuguste seadmete ja masinate hulka kuuluvad nt teeninduslikus kasutamises olevad toitlustusseadmed, puhastusmasinad ning juuksuriseadmed. MÄRKUS Z4 Kriteeriumid, mida rakendatakse standardisarjaga EN 60335 haaratud toodete võtmiseks madalpingedirektiivi või masinadirektiivi käsitlusalasasse, on informatsiooniks esitatud lisas ZF. See standard käsitleb mõistlikult ettenähtavaid ohtusid, mida võivad tekitada seadmed ja masinad ning millega võivad kokku puutuda kõik isikud. Standard ei arvesta aga üldjuhul • seadmega mängivaid lapsi, • seadme kasutamist väikelaste (maimikute) poolt, • seadme järelevalveta kasutamist nooremate laste (nt koolieelikute) poolt. Arvestatakse, et ohustatud isikute vajadused võivad olla väljaspool selles standardis eeldatud taset. MÄRKUS 3 Tuleb pöörata tähelepanu asjaolule, et — sõidukites, laevadel või lennukites kasutamiseks ette nähtud seadmete kohta võidakse esitada lisanõuded; — paljudes riikides on riiklike tervishoiu-, töökaitse-, veevarustus- ja muude taoliste ametite poolt sätestatud lisanõudeid. MÄRKUS 4 Seda standardit ei rakendata — eranditult tööstuslikuks otstarbeks ette nähtud seadmete kohta; — seadmete kohta, mis on ette nähtud kasutamiseks kohtades, kus ülekaalus on erikasutusolud, nt korrodeeriv või plahvatusohtlik keskkond (tolm, aaurud või gaas); — audio-, video- ja muudele taolistele elektroonikaaparatuuridele (IEC 60065); — meditsiiniseadmetele (IEC 60601); — mootoriga käitatavatele elektrilistele käsitööriistadele (IEC 60745); — personalarvutitele ja muudele taolistele seadmetele (IEC 60950-1); — transporditavatele mootoriga käitatavatele elektrilistele tööriistadele (IEC 61029).

Keel: en, et

Alusdokumendid: IEC 60335-1:2010; EN 60335-1:2012; EN 60335-1:2012/A11:2014; EN 60335-1:2012/A1:2019; EN 60335-1:2012/A14:2019; EN 60335-1:2012/A2:2019; IEC 60335-1:2010/AMD1:2013; IEC 60335-1:2010/AMD1:2013/COR1:2014; EN 60335-1:2012/A13:2017; IEC 60335-1:2010/AMD2:2016/COR1:2016; IEC 60335-1:2010/AMD2:2016

Konsolideerib dokumenti: EVS-EN 60335-1:2012

Konsolideerib dokumenti: EVS-EN 60335-1:2012/A1:2019

Konsolideerib dokumenti: EVS-EN 60335-1:2012/A11:2014

Konsolideerib dokumenti: EVS-EN 60335-1:2012/A13:2017

Konsolideerib dokumenti: EVS-EN 60335-1:2012/A14:2019

Konsolideerib dokumenti: EVS-EN 60335-1:2012/A2:2019

EVS-EN 60436:2020

Kodumajapidamises kasutatavad elektrilised nõudepesumasinad. Toimivuse mõõtemetodid **Electric dishwashers for household use - Methods for measuring the performance**

IEC 60436:2015 applies to electric dishwashers for household and similar use that are supplied with hot and/or cold water. The object is to state and define the principal performance characteristics of electric dishwashers for household and similar use and to describe the standard methods of measuring these characteristics. This standard is concerned neither with safety nor with minimum performance requirements. This edition constitutes a technical revision and includes the following significant technical changes with respect to the previous edition: a) Addition of a specification of the reference dishwasher G1222, addition of the microwave oven 752C, inclusion of standby/low power modes and updated cutlery and tableware items. b) Combined cleaning and drying: combining the cleaning and drying performance evaluations into one test, along with the energy and water consumption evaluation, prevents an opportunity for circumvention if tests were performed separately. A dishwasher can detect whether soil is present (cleaning evaluation) or not (drying evaluation) and adjust the cycle to favour performance; combining the tests addresses this. c) New dish load items: new dish load items were incorporated which reflect consumer use. New items are: stainless pots, coffee mugs, melamine plastic items, and glass bowl. The new load items provide different shapes which challenge a dishwasher water spray patterns and provide additional surfaces for soil removal assessment. d) Detergent: a new detergent "D" is specified which mirrors current tablet formulations available on the market. Detergent type D is phosphate free, with

percarbonate instead of perborate bleach and more active enzymes. e) Repeatability and reproducibility improvements. f) Addition of annexes for the evaluation of soil sensing programmes, rinsing performance, dishwasher filtration and of an annex on the inlet water temperature influence on energy consumption.

Keel: en

Alusdokumendid: IEC 60436:2015; EN 60436:2020

Asendab dokumenti: EVS-EN 50242:2016

EVS-EN ISO 28399:2020

Dentistry - External tooth bleaching products (ISO 28399:2020)

This document specifies requirements and test methods for external tooth bleaching products. These products are intended for use in the oral cavity, either by professional application (in-office tooth bleaching products) or consumer application (professional or non-professional home use of tooth bleaching products), or both. It also specifies requirements for their packaging, labelling and manufacturer's instructions for use. This document is not applicable to tooth bleaching products: — specified in ISO 11609; — intended to change colour perception of natural teeth by mechanical methods (e.g. stain removal) or using restorative approaches, such as veneers or crowns; — auxiliary or supplementary materials (e.g. tray materials) and instruments or devices (e.g. lights) that are used in conjunction with the bleaching products. This document does not specify biological safety aspects of tooth bleaching products. NOTE Maximum concentration of a bleaching agent for professional or non-professional use is subject to each country's regulatory body.

Keel: en

Alusdokumendid: ISO 28399:2020; EN ISO 28399:2020

Asendab dokumenti: EVS-EN ISO 28399:2011

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

CEN/TS 15398:2016

Resilient, textile and laminate floor coverings - Floor covering standard symbols - Complementary element

Keel: en

Alusdokumendid: CEN/TS 15398:2016

Asendatud järgmise dokumendiga: EVS-EN 15398:2020

Standardi staatus: Kehtetu

EVS-EN ISO 7010:2012

Graphical symbols - Safety colours and safety signs - Registered safety signs (ISO 7010:2011)

Keel: en

Alusdokumendid: ISO 7010:2011; EN ISO 7010:2012

Asendatud järgmise dokumendiga: EVS-EN ISO 7010:2020

Muudetud järgmise dokumendiga: EVS-EN ISO 7010:2012/A1:2014

Muudetud järgmise dokumendiga: EVS-EN ISO 7010:2012/A2:2014

Muudetud järgmise dokumendiga: EVS-EN ISO 7010:2012/A3:2014

Muudetud järgmise dokumendiga: EVS-EN ISO 7010:2012/A4:2014

Muudetud järgmise dokumendiga: EVS-EN ISO 7010:2012/A5:2015

Muudetud järgmise dokumendiga: EVS-EN ISO 7010:2012/A6:2016

Muudetud järgmise dokumendiga: EVS-EN ISO 7010:2012/A7:2017

Standardi staatus: Kehtetu

EVS-EN ISO 7010:2012/A1:2014

Graphical symbols - Safety colours and safety signs - Registered safety signs (ISO 7010:2011/Amd 1:2012)

Keel: en

Alusdokumendid: ISO 7010:2011/Amd 1:2012; EN ISO 7010:2012/A1:2014

Asendatud järgmise dokumendiga: EVS-EN ISO 7010:2020

Standardi staatus: Kehtetu

EVS-EN ISO 7010:2012/A2:2014

Graphical symbols - Safety colours and safety signs - Registered safety signs (ISO 7010:2011/Amd 2:2012)

Keel: en

Alusdokumendid: ISO 7010:2011/Amd 2:2012; EN ISO 7010:2012/A2:2013

Asendatud järgmise dokumendiga: EVS-EN ISO 7010:2020

Standardi staatus: Kehtetu

EVS-EN ISO 7010:2012/A3:2014

Graphical symbols - Safety colours and safety signs - Registered safety signs (ISO 7010:2011/Amd 3:2012)

Keel: en

Alusdokumendid: ISO 7010:2011/Amd 3:2012; EN ISO 7010:2012/A3:2013

Asendatud järgmise dokumendiga: EVS-EN ISO 7010:2020

Standardi staatus: Kehtetu

EVS-EN ISO 7010:2012/A4:2014

Graphical symbols - Safety colours and safety signs - Registered safety signs (ISO 7010:2011/Amd 4:2013)

Keel: en

Alusdokumendid: ISO 7010:2011/Amd 4:2013; EN ISO 7010:2012/A4:2014

Asendatud järgmise dokumendiga: EVS-EN ISO 7010:2020

Standardi staatus: Kehtetu

EVS-EN ISO 7010:2012/A5:2015

Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 5 (ISO 7010:2011/Amd 5:2014)

Keel: en

Alusdokumendid: ISO 7010:2011/Amd 5:2014; EN ISO 7010:2012/A1:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 7010:2020
Standardi staatus: Kehtetu

EVS-EN ISO 7010:2012/A6:2016

Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 6 (ISO 7010:2011/Amd 6:2014)

Keel: en

Alusdokumendid: ISO 7010:2011/Amd 6:2014; EN ISO 7010:2012/A6:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 7010:2020
Standardi staatus: Kehtetu

EVS-EN ISO 7010:2012/A7:2017

Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 7 (ISO 7010:2011/Amd 7:2016)

Keel: en

Alusdokumendid: ISO 7010:2011/Amd 7:2016; EN ISO 7010:2012/A7:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 7010:2020
Standardi staatus: Kehtetu

EVS-EN ISO 80000-8:2007

Quantities and units - Part 8: Acoustics

Keel: en

Alusdokumendid: ISO 80000-8:2007; EN ISO 80000-8:2007
Asendatud järgmise dokumendiga: EVS-EN ISO 80000-8:2020
Standardi staatus: Kehtetu

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

EVS-EN ISO/IEC 80079-34:2011

Plahvatusohtlik keskkond. Osa 34: Kvaliteedisüsteemide rakendamine seadmete tootmisel (ISO/IEC 80079-34:2011, modified)

Explosive atmospheres - Part 34: Application of quality systems for equipment manufacture (ISO/IEC 80079-34:2011, modified)

Keel: en

Alusdokumendid: ISO/IEC 80079-34:2011; EN ISO/IEC 80079-34:2011
Asendatud järgmise dokumendiga: EVS-EN ISO/IEC 80079-34:2020
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

CEN ISO/TS 22367:2010

Medical laboratories - Reduction of error through risk management and continual improvement (ISO/TS 22367:2008, including Cor 1:2009)

Keel: en

Alusdokumendid: CEN ISO/TS 22367:2010; ISO/TS 22367:2008; ISO/TS 22367:2008/Cor 1:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 22367:2020
Standardi staatus: Kehtetu

EVS-EN 13718-1:2014

Meditsiinis kasutatavad liiklusvahendid ja nende varustus. Aerokiirabi. Osa 1: Nõuded aerokiirabis kasutatavatele meditsiiniseadmetele

Medical vehicles and their equipment - Air ambulances - Part 1: Requirements for medical devices used in air ambulances

Keel: en

Alusdokumendid: EN 13718-1:2014
Asendatud järgmise dokumendiga: EVS-EN 13718-1:2014+A1:2020
Standardi staatus: Kehtetu

EVS-EN 13718-2:2015

Meditsiinis kasutatavad liiklusvahendid ja nende varustus. Aerokiirabi. Osa 2: Aerokiirabi toimimis- ja tehnilised nõuded

Medical vehicles and their equipment - Air ambulances - Part 2: Operational and technical requirements for air ambulances

Keel: en

Alusdokumendid: EN 13718-2:2015

Asendatud järgmise dokumendiga: EVS-EN 13718-2:2015+A1:2020

Standardi staatus: Kehtetu

EVS-EN ISO 15098-1:2001

Dental tweezers - Part 1: General requirements

Keel: en

Alusdokumendid: ISO 15098-1:2000; EN ISO 15098-1:2001

Asendatud järgmise dokumendiga: EVS-EN ISO 15098:2020

Standardi staatus: Kehtetu

EVS-EN ISO 15098-2:2000

Dental tweezers - Part 2: Meriam types

Keel: en

Alusdokumendid: ISO 15098-2:2000; EN ISO 15098-2:2000

Asendatud järgmise dokumendiga: EVS-EN ISO 15098:2020

Standardi staatus: Kehtetu

EVS-EN ISO 15098-3:2000

Dental tweezers - Part 3: College types

Keel: en

Alusdokumendid: ISO 15098-3:2000; EN ISO 15098-3:2000

Asendatud järgmise dokumendiga: EVS-EN ISO 15098:2020

Standardi staatus: Kehtetu

EVS-EN ISO 7787-2:2001

Pöörlevad hambaraviinstrumendid. Freesid. Osa 2: Laboris kasutatavad karbiidfreesid Dental rotary instruments - Cutters - Part 2: Carbide laboratory cutters

Keel: en

Alusdokumendid: ISO 7787-2:2000; EN ISO 7787-2:2000

Asendatud järgmise dokumendiga: EVS-EN ISO 7787-2:2020

Standardi staatus: Kehtetu

EVS-EN ISO 80601-2-12:2011

Meditsiinilised elektriseadmed. Osa 2-12: Erinõuded kriitilise meditsiiniabi andmisel kasutatavate ventilaatorite esmase ohutuse ja peamiste toimivusnõuete osas (ISO 80601-2- 12:2011)

Medical electrical equipment - Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators (ISO 80601-2-12:2011)

Keel: en

Alusdokumendid: ISO 80601-2-12:2011; EN ISO 80601-2-12:2011

Asendatud järgmise dokumendiga: EVS-EN ISO 80601-2-12:2020

Parandatud järgmise dokumendiga: EVS-EN ISO 80601-2-12:2011/AC:2011

Standardi staatus: Kehtetu

EVS-EN ISO 80601-2-12:2011/AC:2011

Meditsiinilised elektriseadmed. Osa 2-12: Erinõuded kriitilise meditsiiniabi andmisel kasutatavate ventilaatorite esmase ohutuse ja peamiste toimivusnõuete osas (ISO 80601-2- 12:2011/Cor 1:2011)

Medical electrical equipment - Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators - Technical Corrigendum 1 (ISO 80601-2-12:2011/Cor 1:2011)

Keel: en

Alusdokumendid: ISO 80601-2-12:2011/Cor 1:2011; EN ISO 80601-2-12:2011/AC:2011

Asendatud järgmise dokumendiga: EVS-EN ISO 80601-2-12:2020

Standardi staatus: Kehtetu

CEN/TS 15864:2015

Characterization of waste - Leaching behaviour test for basic characterization - Dynamic monolithic leaching test with continuous leachant renewal under conditions relevant for specified scenario(s)

Keel: en
Alusdokumendid: CEN/TS 15864:2015
Standardi staatus: Kehtetu

EVS-EN 132:1999

**Hingamisteede kaitsevahendid. Komponentide ja piltkirjade määratlemine
Respiratory protective devices - Definitions of terms and pictograms**

Keel: en
Alusdokumendid: EN 132:1998
Asendatud järgmise dokumendiga: EVS-EN ISO 16972:2020
Standardi staatus: Kehtetu

EVS-EN 15597-1:2009

Winter maintenance equipment - Spreading machines (gritting machines) - Part 1: General requirements and definitions for spreading machines

Keel: en
Alusdokumendid: EN 15597-1:2009
Asendatud järgmise dokumendiga: EVS-EN 15597-1:2020
Standardi staatus: Kehtetu

EVS-EN 16192:2011

Characterization of waste - Analysis of eluates

Keel: en
Alusdokumendid: EN 16192:2011
Asendatud järgmise dokumendiga: CEN/TR 16192:2020
Standardi staatus: Kehtetu

EVS-EN 50305:2003

Railway applications - Railway rolling stock cables having special fire performance - Test methods

Keel: en
Alusdokumendid: EN 50305:2002
Asendatud järgmise dokumendiga: EVS-EN 50305:2020
Standardi staatus: Kehtetu

EVS-EN 50306-1:2003

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 1: General requirements

Keel: en
Alusdokumendid: EN 50306-1:2002
Asendatud järgmise dokumendiga: EVS-EN 50306-1:2020
Standardi staatus: Kehtetu

EVS-EN 50306-2:2003

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 2: Single core cables

Keel: en
Alusdokumendid: EN 50306-2:2002
Asendatud järgmise dokumendiga: EVS-EN 50306-2:2020
Standardi staatus: Kehtetu

EVS-EN 50306-3:2003

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 3: Single core and multicore cables (pairs, triples and quads) screened and thin wall sheathed

Keel: en
Alusdokumendid: EN 50306-3:2002

Asendatud järgmise dokumendiga: EVS-EN 50306-3:2020
Standardi staatus: Kehtetu

EVS-EN 50306-4:2003

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 4: Multicore and multipair cables standard wall sheathed

Keel: en
Alusdokumendid: EN 50306-4:2002
Asendatud järgmise dokumendiga: EVS-EN 50306-4:2020
Standardi staatus: Kehtetu

EVS-EN ISO 11925-2:2010

Tuletundlikkuse katsed. Ehitusmaterjalide süttivustundlikkus kokkupuutel otsese leegiga. Osa 2: Väikese leegi katse Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test

Keel: en, et
Alusdokumendid: ISO 11925-2:2010+ISO 11925-2:2010/Cor.1:2011; EN ISO 11925-2:2010+AC:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 11925-2:2020
Parandatud järgmise dokumendiga: EVS-EN ISO 11925-2:2010/AC:2011
Standardi staatus: Kehtetu

EVS-EN ISO 11925-2:2010/AC:2011

Tuletundlikkuse katsed. Ehitusmaterjalide süttivustundlikkus kokkupuutel otsese leegiga. Osa 2: Väikese leegi katse Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test - Technical Corrigendum 1 (ISO 11925-2:2010/Cor 1:2011)

Keel: en
Alusdokumendid: ISO 11925-2:2010/Cor 1:2011; EN ISO 11925-2:2010/AC:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 11925-2:2020
Standardi staatus: Kehtetu

EVS-EN ISO 7096:2008

Mullatöömashinad. Operaatori istme vibratsiooni laboratoorne hindamine Earth-moving machinery - Laboratory evaluation of operator seat vibration

Keel: en
Alusdokumendid: ISO 7096:2000; EN ISO 7096:2008
Asendatud järgmise dokumendiga: EVS-EN ISO 7096:2020
Parandatud järgmise dokumendiga: EVS-EN ISO 7096:2008/AC:2009
Standardi staatus: Kehtetu

EVS-EN ISO 7096:2008/AC:2009

Mullatöömashinad. Operaatori istme vibratsiooni laboratoorne hindamine Earth-moving machinery - Laboratory evaluation of operator seat vibration

Keel: en
Alusdokumendid: EN ISO 7096:2008/AC:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 7096:2020
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕOTMINE. FÜSIKALISED NÄHTUSED

EVS-EN 60704-2-7:2002

Kodumajapidamises ja sarnastes oludes kasutatavad elektriseadmed. Katsenormid õhumüra määramiseks. Osa 2: Erinõuded ventilaatoritele Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2: Particular requirements for fans

Keel: en
Alusdokumendid: IEC 60704-2-7:1997; EN 60704-2-7:1998
Asendatud järgmise dokumendiga: EVS-EN IEC 60704-2-7:2020
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 12735-1:2016

Vask ja vasesulamid. Õmblusteta ümarad torud konditsioneerimise ja jahutuse jaoks. Osa 1: Torud torustikusüsteemide jaoks

Copper and copper alloys - Seamless, round tubes for air conditioning and refrigeration - Part 1: Tubes for piping systems

Keel: en

Alusdokumendid: EN 12735-1:2016

Asendatud järgmise dokumendiga: EVS-EN 12735-1:2020

Standardi staatus: Kehtetu

EVS-EN 14624:2012

Performance of portable leak detectors and of room monitors for halogenated refrigerants

Keel: en

Alusdokumendid: EN 14624:2012

Asendatud järgmise dokumendiga: EVS-EN 14624:2020

Standardi staatus: Kehtetu

EVS-EN 60704-2-7:2002

Kodumajapidamises ja sarnastes oludes kasutatavad elektriseadmed. Katsenormid õhumüra määramiseks. Osa 2: Erinõuded ventilaatoritele

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

Keel: en

Alusdokumendid: IEC 60704-2-7:1997; EN 60704-2-7:1998

Asendatud järgmise dokumendiga: EVS-EN IEC 60704-2-7:2020

Standardi staatus: Kehtetu

25 TOOTMISTEHNOLLOOGIA

EVS-EN 60745-2-13:2009

Käeshoitavad mootorajamiga elektritööriistad. Ohutus. Osa 2-13: Erinõuded kettsaagidele
Hand-held motor-operated electric tools - Safety - Part 2-13: Particular requirements for chain saws

Keel: en

Alusdokumendid: IEC 60745-2-13:2006; EN 60745-2-13:2009

Asendatud järgmise dokumendiga: EVS-EN 62841-4-1:2020

Muudetud järgmise dokumendiga: EVS-EN 60745-2-13:2009/A1:2010

Standardi staatus: Kehtetu

EVS-EN 60745-2-13:2009/A1:2010

Käeshoitavad mootorajamiga elektritööriistad. Ohutus. Osa 2-13: Erinõuded kettsaagidele
Hand-held motor-operated electric tools - Safety - Part 2-13: Particular requirements for chain saws

Keel: en

Alusdokumendid: IEC 60745-2-13:2006/A1:2009; EN 60745-2-13:2009/A1:2010

Asendatud järgmise dokumendiga: EVS-EN 62841-4-1:2020

Standardi staatus: Kehtetu

EVS-EN ISO 15012-1:2013

Health and safety in welding and allied processes - Equipment for capture and separation of welding fume - Part 1: Requirements for testing and marking of separation efficiency (ISO 15012-1:2013)

Keel: en

Alusdokumendid: ISO 15012-1:2013; EN ISO 15012-1:2013

Asendatud järgmise dokumendiga: EVS-EN ISO 21904-2:2020

Standardi staatus: Kehtetu

EVS-EN ISO 15012-2:2008

Health and safety in welding and allied processes - Requirements, testing and marking of equipment for air filtration - Part 2: Determination of the minimum air volume flow rate of captor hoods and nozzles

Keel: en
Alusdokumendid: ISO 15012-2:2008; EN ISO 15012-2:2008
Asendatud järgmise dokumendiga: EVS-EN ISO 21904-4:2020
Standardi staatus: Kehtetu

EVS-EN ISO 15012-4:2016

Tervishoid ja ohutus keevitamisel ja sellega seonduvatel protsessidel. Keevitussuitsu kogumise ja eraldamise seadmed. Osa 4: Üldnõuded
Health and safety in welding and allied processes - Equipment for capture and separation of welding fume - Part 4: General requirements (ISO 15012-4:2016)

Keel: en
Alusdokumendid: ISO 15012-4:2016; EN ISO 15012-4:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 21904-1:2020
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12953-5:2002

Trummelkatlad. Osa 5: Inspekteerimine katla survedetailide valmistamise, dokumenteerimise ja märgistamise ajal
Shell boilers - Part 5: Inspection during construction, documentation and marking of pressure parts of the boiler

Keel: en
Alusdokumendid: EN 12953-5:2002
Asendatud järgmise dokumendiga: EVS-EN 12953-5:2020
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 116300:2002

Sectional Specification: Electromechanical All-Or-Nothing Heavy Load Relays of Assessed Quality (Rated from 5 A and above)

Keel: en
Alusdokumendid: EN 116300:1993
Standardi staatus: Kehtetu

EVS-EN 116303:2005

Blank Detail Specification: Electromechanical all-or-nothing heavy load relays of assessed quality (hermetically sealed, 5 A to 25 A)

Keel: en
Alusdokumendid: EN 116303:1993
Standardi staatus: Kehtetu

EVS-EN 50305:2003

Railway applications - Railway rolling stock cables having special fire performance - Test methods

Keel: en
Alusdokumendid: EN 50305:2002
Asendatud järgmise dokumendiga: EVS-EN 50305:2020
Standardi staatus: Kehtetu

EVS-EN 60947-5-2:2008

Madalpingelised lülitus- ja juhtimisaparaadid. Osa 5-2: Juhtimisahelaseadmed ja lülituselemendid. Läheduslülitid
Low-voltage switchgear and controlgear - Part 5-2: Control circuit devices and switching elements - Proximity switches

Keel: en
Alusdokumendid: IEC 60947-5-2:2007; EN 60947-5-2:2007
Asendatud järgmise dokumendiga: EVS-EN IEC 60947-5-2:2020
Muudetud järgmise dokumendiga: EVS-EN 60947-5-2:2008/A1:2012
Standardi staatus: Kehtetu

EVS-EN 60947-5-2:2008/A1:2012

Madalpingelised lülitus- ja juhtimisaparaadid. Osa 5-2: Juhtimisahelaseadmed ja lülituselemendid. Läheduslülitid (IEC 60947-5-2:2007/A1:2012)
Low-voltage switchgear and controlgear - Part 5-2: Control circuit devices and switching elements - Proximity switches (IEC 60947-5-2:2007/A1:2012)

Keel: en
Alusdokumendid: IEC 60947-5-2:2007/A1:2012; EN 60947-5-2:2007/A1:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 60947-5-2:2020
Standardi staatus: Kehtetu

EVS-EN 62031:2008

Üldtarbevalgustuse valgusdiodmoodulid. Ohutusnõuded
LED modules for general lighting - Safety specifications

Keel: en
Alusdokumendid: IEC 62031:2008; EN 62031:2008
Asendatud järgmise dokumendiga: EVS-EN IEC 62031:2020
Muudetud järgmise dokumendiga: EVS-EN 62031:2008/A1:2013
Muudetud järgmise dokumendiga: EVS-EN 62031:2008/A2:2015
Standardi staatus: Kehtetu

EVS-EN 62031:2008/A1:2013

Üldtarbevalgustuse valgusdiodmoodulid. Ohutusnõuded
LED modules for general lighting - Safety specifications (IEC 62031:2008/A1:2012)

Keel: en
Alusdokumendid: EN 62031:2008/A1:2013; IEC 62031/Amd 1:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 62031:2020
Standardi staatus: Kehtetu

EVS-EN 62031:2008/A2:2015

Üldtarbevalgustuse valgusdiodmoodulid. Ohutusnõuded
LED modules for general lighting - Safety specifications

Keel: en, et
Alusdokumendid: EN 62031:2008/A2:2015; IEC 62031/Amd 2:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 62031:2020
Standardi staatus: Kehtetu

EVS-EN 62031:2008+A1:2013

Üldtarbevalgustuse valgusdiodmoodulid. Ohutusnõuded
LED modules for general lighting - Safety specifications (IEC 62031:2008 + IEC 62031:2008/A1:2012)

Keel: en, et
Alusdokumendid: IEC 62031:2008; EN 62031:2008; IEC 62031/Amd 1:2012; EN 62031:2008/A1:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 62031:2020
Standardi staatus: Kehtetu

EVS-EN 62031:2008+A1:2013+A2:2015

Üldtarbevalgustuse valgusdiodmoodulid. Ohutusnõuded
LED modules for general lighting - Safety specifications

Keel: en, et
Alusdokumendid: IEC 62031:2008; EN 62031:2008; IEC 62031/Amd 1:2012; EN 62031:2008/A1:2013; IEC 62031/Amd 2:2014; EN 62031:2008/A2:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 62031:2020
Standardi staatus: Kehtetu

EVS-EN ISO/IEC 80079-34:2011

Plahvatusohtlik keskkond. Osa 34: Kvaliteedisüsteemide rakendamine seadmete tootmisel (ISO/IEC 80079-34:2011, modified)
Explosive atmospheres - Part 34: Application of quality systems for equipment manufacture (ISO/IEC 80079-34:2011, modified)

Keel: en
Alusdokumendid: ISO/IEC 80079-34:2011; EN ISO/IEC 80079-34:2011
Asendatud järgmise dokumendiga: EVS-EN ISO/IEC 80079-34:2020
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 62031:2008

Üldtarbevalgustuse valgusdiodmoodulid. Ohutusnõuded LED modules for general lighting - Safety specifications

Keel: en

Alusdokumendid: IEC 62031:2008; EN 62031:2008

Asendatud järgmise dokumendiga: EVS-EN IEC 62031:2020

Muudetud järgmise dokumendiga: EVS-EN 62031:2008/A1:2013

Muudetud järgmise dokumendiga: EVS-EN 62031:2008/A2:2015

Standardi staatus: Kehtetu

EVS-EN 62031:2008/A1:2013

Üldtarbevalgustuse valgusdiodmoodulid. Ohutusnõuded LED modules for general lighting - Safety specifications (IEC 62031:2008/A1:2012)

Keel: en

Alusdokumendid: EN 62031:2008/A1:2013; IEC 62031/Amd 1:2012

Asendatud järgmise dokumendiga: EVS-EN IEC 62031:2020

Standardi staatus: Kehtetu

EVS-EN 62031:2008/A2:2015

Üldtarbevalgustuse valgusdiodmoodulid. Ohutusnõuded LED modules for general lighting - Safety specifications

Keel: en, et

Alusdokumendid: EN 62031:2008/A2:2015; IEC 62031/Amd 2:2014

Asendatud järgmise dokumendiga: EVS-EN IEC 62031:2020

Standardi staatus: Kehtetu

EVS-EN 62031:2008+A1:2013

Üldtarbevalgustuse valgusdiodmoodulid. Ohutusnõuded LED modules for general lighting - Safety specifications (IEC 62031:2008 + IEC 62031:2008/A1:2012)

Keel: en, et

Alusdokumendid: IEC 62031:2008; EN 62031:2008; IEC 62031/Amd 1:2012; EN 62031:2008/A1:2013

Asendatud järgmise dokumendiga: EVS-EN IEC 62031:2020

Standardi staatus: Kehtetu

EVS-EN 62031:2008+A1:2013+A2:2015

Üldtarbevalgustuse valgusdiodmoodulid. Ohutusnõuded LED modules for general lighting - Safety specifications

Keel: en, et

Alusdokumendid: IEC 62031:2008; EN 62031:2008; IEC 62031/Amd 1:2012; EN 62031:2008/A1:2013; IEC 62031/Amd 2:2014; EN 62031:2008/A2:2015

Asendatud järgmise dokumendiga: EVS-EN IEC 62031:2020

Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 122001:2002

Blank detail specification: CECC military specification for radio frequency connectors [type MIL-C-39012]

Keel: en

Alusdokumendid: EN 122001:1993

Standardi staatus: Kehtetu

EVS-HD 337 S3:2003

Analogue audio disk records and reproducing equipment

Keel: en

Alusdokumendid: IEC 60098:1987; HD 337 S3:1989

Asendatud järgmise dokumendiga: EVS-EN IEC 60098:2020

Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CLC/TR 50173-99-2:2010

Information technology - Implementation of BCT applications using cabling in accordance with EN 50173-4

Keel: en

Alusdokumendid: CLC/TR 50173-99-2:2010

Asendatud järgmise dokumendiga: CLC/TR 50173-99-2:2020

Standardi staatus: Kehtetu

EVS-EN 60950-21:2003

Infotehnikaseadmed. Ohutus: Osa 21: Kaugtoide

Information technology equipment - Safety - Part 21: Remote power feeding

Keel: en

Alusdokumendid: IEC 60950-21:2002; EN 60950-21:2003

Asendatud järgmise dokumendiga: EVS-EN IEC 62368-3:2020

Standardi staatus: Kehtetu

EVS-EN ISO 19111:2008

Geographic information - Spatial referencing by coordinates

Keel: en

Alusdokumendid: ISO 19111:2007; EN ISO 19111:2007

Asendatud järgmise dokumendiga: EVS-EN ISO 19111:2020

Standardi staatus: Kehtetu

EVS-EN ISO 19111-2:2012

Geographic information - Spatial referencing by coordinates - Part 2: Extension for parametric values (ISO 19111-2:2009)

Keel: en

Alusdokumendid: ISO 19111-2:2009; EN ISO 19111-2:2012

Asendatud järgmise dokumendiga: EVS-EN ISO 19111:2020

Standardi staatus: Kehtetu

43 MAANTEESÕIDUKITE EHITUS

EVS-EN ISO 17409:2017

Electrically propelled road vehicles - Connection to an external electric power supply - Safety requirements (ISO 17409:2015, Corrected version 2015-12-15)

Keel: en

Alusdokumendid: ISO 17409:2015; EN ISO 17409:2017

Asendatud järgmise dokumendiga: EVS-EN ISO 17409:2020

Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 50305:2003

Railway applications - Railway rolling stock cables having special fire performance - Test methods

Keel: en

Alusdokumendid: EN 50305:2002

Asendatud järgmise dokumendiga: EVS-EN 50305:2020

Standardi staatus: Kehtetu

EVS-EN 50306-1:2003

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 1: General requirements

Keel: en

Alusdokumendid: EN 50306-1:2002

Asendatud järgmise dokumendiga: EVS-EN 50306-1:2020

Standardi staatus: Kehtetu

EVS-EN 50306-2:2003

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 2: Single core cables

Keel: en

Alusdokumendid: EN 50306-2:2002

Asendatud järgmise dokumendiga: EVS-EN 50306-2:2020

Standardi staatus: Kehtetu

EVS-EN 50306-3:2003

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 3: Single core and multicore cables (pairs, triples and quads) screened and thin wall sheathed

Keel: en

Alusdokumendid: EN 50306-3:2002

Asendatud järgmise dokumendiga: EVS-EN 50306-3:2020

Standardi staatus: Kehtetu

EVS-EN 50306-4:2003

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 4: Multicore and multipair cables standard wall sheathed

Keel: en

Alusdokumendid: EN 50306-4:2002

Asendatud järgmise dokumendiga: EVS-EN 50306-4:2020

Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 12312-15:2006+A1:2009

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 15: Pagasi ja seadmete veovahendid KONSOLIDEERITUD TEKST

Aircraft ground support equipment - Specific requirements - Part 15: Baggage and equipment tractors CONSOLIDATED TEXT

Keel: en

Alusdokumendid: EN 12312-15:2006+A1:2009

Asendatud järgmise dokumendiga: EVS-EN 12312-15:2020

Standardi staatus: Kehtetu

EVS-EN 13718-1:2014

Meditšiinis kasutatavad liiklusvahendid ja nende varustus. Aerokiirabi. Osa 1: Nõuded aerokiirabis kasutatavatele meditsiiniseadmetele

Medical vehicles and their equipment - Air ambulances - Part 1: Requirements for medical devices used in air ambulances

Keel: en

Alusdokumendid: EN 13718-1:2014

Asendatud järgmise dokumendiga: EVS-EN 13718-1:2014+A1:2020

Standardi staatus: Kehtetu

EVS-EN 13718-2:2015

Meditšiinis kasutatavad liiklusvahendid ja nende varustus. Aerokiirabi. Osa 2: Aerokiirabi toimimis- ja tehnilised nõuded

Medical vehicles and their equipment - Air ambulances - Part 2: Operational and technical requirements for air ambulances

Keel: en

Alusdokumendid: EN 13718-2:2015

Asendatud järgmise dokumendiga: EVS-EN 13718-2:2015+A1:2020

Standardi staatus: Kehtetu

EVS-EN 16602-10-09:2014

Space product assurance - Nonconformance control system

Keel: en

Alusdokumendid: ECSS-Q-ST-10-09C; EN 16602-10-09:2014

Asendatud järgmise dokumendiga: EVS-EN 16602-10-09:2020

Standardi staatus: Kehtetu

EVS-EN 16602-20:2014

Space product assurance - Quality assurance

Keel: en

Alusdokumendid: ECSS-Q-ST-20C Rev.1; EN 16602-20:2014

Asendatud järgmise dokumendiga: EVS-EN 16602-20:2020

Standardi staatus: Kehtetu

53 TÖSTE- JA TEISALDUS-SEADMED

EVS-EN ISO 7096:2008

Mullatöömashinad. Operaatori istme vibratsiooni laboratoorne hindamine Earth-moving machinery - Laboratory evaluation of operator seat vibration

Keel: en

Alusdokumendid: ISO 7096:2000; EN ISO 7096:2008

Asendatud järgmise dokumendiga: EVS-EN ISO 7096:2020

Parandatud järgmise dokumendiga: EVS-EN ISO 7096:2008/AC:2009

Standardi staatus: Kehtetu

EVS-EN ISO 7096:2008/AC:2009

Mullatöömashinad. Operaatori istme vibratsiooni laboratoorne hindamine Earth-moving machinery - Laboratory evaluation of operator seat vibration

Keel: en

Alusdokumendid: EN ISO 7096:2008/AC:2009

Asendatud järgmise dokumendiga: EVS-EN ISO 7096:2020

Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 1833-17:2010

Textiles - Quantitative chemical analysis - Part 17: Mixtures of chlorofibres (homopolymers of vinyl chloride) and certain other fibres (method using sulfuric acid)

Keel: en

Alusdokumendid: ISO 1833-17:2006; EN ISO 1833-17:2010

Asendatud järgmise dokumendiga: EVS-EN ISO 1833-17:2020

Standardi staatus: Kehtetu

65 PÖLLUMAJANDUS

EVS-EN 15741:2009

Animal feeding stuffs - Determination of OC-pesticides and PCB's by GC/MS

Keel: en

Alusdokumendid: EN 15741:2009

Asendatud järgmise dokumendiga: EVS-EN 15741:2020

Standardi staatus: Kehtetu

EVS-EN 15742:2009

Animal feeding stuffs - Determination of OC-pesticides and PCB's by GC/ECD

Keel: en

Alusdokumendid: EN 15742:2009

Asendatud järgmise dokumendiga: EVS-EN 15742:2020

Standardi staatus: Kehtetu

EVS-EN 60745-2-13:2009

Käeshoitavad mootorajamiga elektritööriistad. Ohutus. Osa 2-13: Erinõuded kettsaagidele Hand-held motor-operated electric tools - Safety -- Part 2-13: Particular requirements for chain saws

Keel: en

Alusdokumendid: IEC 60745-2-13:2006; EN 60745-2-13:2009

Asendatud järgmise dokumendiga: EVS-EN 62841-4-1:2020

Muudetud järgmise dokumendiga: EVS-EN 60745-2-13:2009/A1:2010

Standardi staatus: Kehtetu

EVS-EN 60745-2-13:2009/A1:2010

Käeshoitavad mootorajamiga elektritööriistad. Ohutus. Osa 2-13: Erinõuded kettsaagidele

Hand-held motor-operated electric tools - Safety -- Part 2-13: Particular requirements for chain saws

Keel: en

Alusdokumendid: IEC 60745-2-13:2006/A1:2009; EN 60745-2-13:2009/A1:2010

Asendatud järgmise dokumendiga: EVS-EN 62841-4-1:2020

Standardi staatus: Kehtetu

71 KEEMILINE TEHNOLOOGIA

EVS-EN 14128:2004

Durability of wood and wood-based products - Performance criteria for products for curative uses against wood attacking organisms as determined by biological tests

Keel: en

Alusdokumendid: EN 14128:2003

Asendatud järgmise dokumendiga: EVS-EN 14128:2020

Standardi staatus: Kehtetu

EVS-EN 14624:2012

Performance of portable leak detectors and of room monitors for halogenated refrigerants

Keel: en

Alusdokumendid: EN 14624:2012

Asendatud järgmise dokumendiga: EVS-EN 14624:2020

Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN ISO 6326-1:2010

Natural gas - Determination of sulfur compounds - Part 1: General introduction

Keel: en

Alusdokumendid: ISO 6326-1:2007; EN ISO 6326-1:2009

Standardi staatus: Kehtetu

EVS-EN ISO 6326-3:2003

Looduslik gaas. Väevliühendite määramine. Osa 3: Vesiniksulfiidi, merkaptaanse väevli ja karbonüülsulfiidse väevli potentsiomeetriline määramine

Natural gas - Determination of sulfur compounds - Part 3: Determination of hydrogen sulfide, mercaptan sulfur and carbonyl sulfide sulfur by potentiometry

Keel: en

Alusdokumendid: ISO 6326-3:1989; EN ISO 6326-3:1997

Standardi staatus: Kehtetu

EVS-EN ISO 6326-5:2003

Looduslik gaas. Väevliühendite määramine. Osa 5: Lingeneri põletusmeetod

Natural gas - Determination of sulfur compounds - Part 5: Lingener combustion method

Keel: en

Alusdokumendid: ISO 6326-5:1989; EN ISO 6326-5:1997

Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 27526:2000

Nikkel, ferronikkel ja niklisulamid. Väevlisisalduse määramine. Infrapuna-absorptsioonimeetod induktsioonahjus põletamisega

Nickel, ferronickel and nickel alloys - Determination of sulfur content - Infra-red absorption method after induction furnace combustion

Keel: en

Alusdokumendid: ISO 7526:1985; EN 27526:1991

Asendatud järgmise dokumendiga: EVS-EN ISO 7526:2020

Standardi staatus: Kehtetu

79 PUIDUTEHNOLOOGIA

EVS-EN 14128:2004

Durability of wood and wood-based products - Performance criteria for products for curative uses against wood attacking organisms as determined by biological tests

Keel: en

Alusdokumendid: EN 14128:2003

Asendatud järgmise dokumendiga: EVS-EN 14128:2020

Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 11357-2:2014

Plastics - Differential scanning calorimetry (DSC) - Part 2: Determination of glass transition temperature and glass transition step height (ISO 11357-2:2013)

Keel: en

Alusdokumendid: ISO 11357-2:2013; EN ISO 11357-2:2014

Asendatud järgmise dokumendiga: EVS-EN ISO 11357-2:2020

Standardi staatus: Kehtetu

EVS-EN ISO 75-1:2013

Plastics - Determination of temperature of deflection under load - Part 1: General test method (ISO 75-1:2013)

Keel: en

Alusdokumendid: ISO 75-1:2013; EN ISO 75-1:2013

Asendatud järgmise dokumendiga: EVS-EN ISO 75-1:2020

Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

CEN/TR 14245:2014

Cement - Guidelines for the application of EN 197-2 Conformity Evaluation

Keel: en

Alusdokumendid: CEN/TR 14245:2014

Asendatud järgmise dokumendiga: CEN/TR 14245:2020

Standardi staatus: Kehtetu

CR 12695:1997

Metal chimneys - Corrosion resistance requirements and test methods

Keel: en

Alusdokumendid: CR 12695:1997

Standardi staatus: Kehtetu

EVS-EN 197-2:2014

Tsement. Osa 2: Vastavushindamine Cement - Part 2: Conformity evaluation

Keel: en, et

Alusdokumendid: EN 197-2:2014

Asendatud järgmise dokumendiga: EVS-EN 197-2:2020

Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

CEN/TS 15398:2016

Resilient, textile and laminate floor coverings - Floor covering standard symbols - Complementary element

Keel: en

Alusdokumendid: CEN/TS 15398:2016

Asendatud järgmise dokumendiga: EVS-EN 15398:2020

Standardi staatus: Kehtetu

EVS-EN 131-4:2007

Ladders - Part 4: Single or multiple hinge-joint ladders

Keel: en
Alusdokumendid: EN 131-4:2007
Asendatud järgmise dokumendiga: EVS-EN 131-4:2020
Standardi staatus: Kehtetu

EVS-EN 50242:2016

Kodumajapidamises kasutatavad elektrilised nõudepesumasinad. Toimimisinäitajate mõõtemetodid

Electric dishwashers for household use - Test methods for measuring the performance

Keel: en
Alusdokumendid: IEC 60436:2004; IEC 60436:2004/A1:2009; IEC 60436:2004/A2:2012; EN 50242:2016
Asendatud järgmise dokumendiga: EVS-EN 60436:2020
Standardi staatus: Kehtetu

EVS-EN ISO 28399:2011

Dentistry - Products for external tooth bleaching (ISO 28399:2011)

Keel: en
Alusdokumendid: ISO 28399:2011; EN ISO 28399:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 28399:2020
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 algupäraseid 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 Standardikeskuse 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 Standardikeskuse veebilehel avaldatavast [standardimisprogrammist](#).

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEN 16981

Photocatalysis - Glossary of terms

A common language for standards, disclosed to a wide audience and referring only to the operational protocols and to their outcomes, is needed both for a consistent set of standards and the connection with the scientific literature. This glossary will take into account existing glossary of terms used in photocatalysis and photochemistry. Because in photocatalysis numerous properties are difficult to be evaluated, it is strongly recommended in standard norms to avoid reporting properties depending on number of active sites, the mechanisms of adsorption or kinetic mechanisms of photocatalytic reactions. For the same reason instead of the quantum yield and related quantities it is easier to report the photonic efficiency. Most of the definitions reported in this document are a sub-set of the IUPAC definitions in photocatalysis and radiocatalysis [1]. Some other definitions, in particular for the photocatalytic rate and reactors are taken from a dedicated work [2]. The use and many technical specifications on the physical values suggested for irradiation conditions in the standards are reported in a separate Technical Specification [3]. The arrangement of entries is alphabetical, and the criterion adopted by the IUPAC has been followed for the typeface used: italicized words in a definition or following it indicate a cross-reference in the Glossary.

Keel: en

Alusdokumendid: prEN 16981

Asendab dokumenti: CEN/TS 16981:2016

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 16559

Solid biofuels - Terminology, definitions and descriptions (ISO/DIS 16559:2020)

This international standard determines the terminology and definitions for solid biofuels. According to the scope of the ISO/TC 238 this standard only includes raw and processed material originating from — forestry and arboriculture, — agriculture and horticulture, — aquaculture NOTE 1 Raw and processed material includes woody, herbaceous, fruit and aquatic biomass from the sectors mentioned above. NOTE 2 Chemically treated material does not include halogenated organic compounds or heavy metals at levels higher than those in typical virgin material values or higher than typical values of the country of origin. Materials originating from different recycling processes of end-of-life-products are not within the scope but relevant terms are included for information. Areas covered by ISO/TC28/SC7 "Liquid biofuels" and ISO/TC193 "Natural gas" are excluded. Other standards with a different scope than this International Standard may have different definitions than this standard.

Keel: en

Alusdokumendid: ISO/DIS 16559; prEN ISO 16559

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 22300

Security and resilience - Vocabulary (ISO/DIS 22300:2020)

This document contains terms and their definitions applicable to security and resilience that are used in Standards published under the control of ISO/TC 292 – Security and resilience up to and including 2016-03-01 to encourage consistent definitions of terms used in all documents published by the Technical Committee. Note: ISO 22300 is normatively referenced in all standards published by ISO/TC 292.

Keel: en

Alusdokumendid: ISO/DIS 22300; prEN ISO 22300

Asendab dokumenti: EVS-EN ISO 22300:2018

Arvamusküsitluse lõppkuupäev: 31.05.2020

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

prEN ISO 22300

Security and resilience - Vocabulary (ISO/DIS 22300:2020)

This document contains terms and their definitions applicable to security and resilience that are used in Standards published under the control of ISO/TC 292 – Security and resilience up to and including 2016-03-01 to encourage consistent definitions of terms used in all documents published by the Technical Committee. Note: ISO 22300 is normatively referenced in all standards published by ISO/TC 292.

Keel: en

Alusdokumendid: ISO/DIS 22300; prEN ISO 22300

Asendab dokumenti: EVS-EN ISO 22300:2018

Arvamusküsitluse lõppkuupäev: 31.05.2020

07 LOODUS- JA RAKENDUSTEADUSED

prEN ISO 20743

Textiles - Determination of antibacterial activity of textile products (ISO/DIS 20743:2020)

This International Standard specifies quantitative test methods to determine the antibacterial activity of all antibacterial textile products including nonwovens. This International Standard is applicable to all textile products, including cloth, wadding, thread and material for clothing, bedclothes, home furnishings and miscellaneous goods, regardless of the type of antibacterial agent used (organic, inorganic, natural or man-made) or the method of application (built-in, after-treatment or grafting). Based on the intended application and on the environment in which the textile product is to be used and also on the surface properties of the textile properties, the user can select the most suitable of the following three inoculation methods on determination of antibacterial activity: a) absorption method (an evaluation method in which the test bacterial suspension is inoculated directly onto specimens); b) transfer method (an evaluation method in which test bacteria are placed on an agar plate and transferred onto specimens); c) printing method (an evaluation method in which test bacteria are placed on a filter and printed onto specimens). The colony plate count method and the ATP (ATP = Adenosine Tri-phosphate) luminescence method are also specified for measuring the enumeration of bacteria.

Keel: en

Alusdokumendid: ISO/DIS 20743; prEN ISO 20743

Asendab dokumenti: EVS-EN ISO 20743:2013

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 6888-1

Microbiology of the food chain - Horizontal method for the enumeration of coagulase-positive staphylococci (*Staphylococcus aureus* and other species) - Part 1: Technique using Baird-Parker agar medium (ISO/DIS 6888-1:2020)

This document specifies a horizontal method for the enumeration of coagulase-positive staphylococci by counting of colonies obtained on a solid medium (Baird-Parker medium) after aerobic incubation at 34 °C to 38 °C. This document is applicable to — products intended for human consumption, — products intended for animal feeding, — environmental samples in the area of food and feed production, handling, and — samples from the primary production stage.

Keel: en

Alusdokumendid: ISO/DIS 6888-1; prEN ISO 6888-1

Asendab dokumenti: EVS-EN ISO 6888-1:2001

Asendab dokumenti: EVS-EN ISO 6888-1:2001/A1:2004

Asendab dokumenti: EVS-EN ISO 6888-1:2001/A2:2018

Asendab dokumenti: EVS-EN ISO 6888-1:2001+A1+A2:2018

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 6888-2

Microbiology of the food chain - Horizontal method for the enumeration of coagulase-positive staphylococci (*Staphylococcus aureus* and other species) - Part 2: Technique using rabbit plasma fibrinogen agar medium (ISO/DIS 6888-2:2020)

This document specifies a horizontal method for the enumeration of coagulase-positive staphylococci by counting of colonies obtained on a solid medium (rabbit plasma fibrinogen medium) after aerobic incubation at 34 °C to 38 °C (see reference [2]). This document is applicable to — products intended for human consumption, — products intended for animal feeding, — environmental samples in the area of food and feed production, handling, and — samples from the primary production stage.

Keel: en

Alusdokumendid: ISO/DIS 6888-2; prEN ISO 6888-2

Asendab dokumenti: EVS-EN ISO 6888-2:2001

Asendab dokumenti: EVS-EN ISO 6888-2:2001/A1:2004

Arvamusküsitluse lõppkuupäev: 31.05.2020

EN ISO 15841:2014/prA1

Dentistry - Wires for use in orthodontics - Amendment 1 (ISO 15841:2014/DAM 1:2020)

Amendment for EN ISO 15841:2014

Keel: en

Alusdokumendid: ISO 15841:2014/DAMd 1; EN ISO 15841:2014/prA1

Muudab dokumenti: EVS-EN ISO 15841:2014

Arvamusküsitluse lõppkuupäev: 31.05.2020

EN ISO 17254:2016/prA1

Dentistry - Coiled springs for use in orthodontics - Amendment 1 (ISO 17254:2016/DAM 1:2020)

Amendment for EN ISO 17254:2016

Keel: en

Alusdokumendid: ISO 17254:2016/DAMd 1; EN ISO 17254:2016/prA1

Muudab dokumenti: EVS-EN ISO 17254:2016

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 16628

Anaesthetic and respiratory equipment - Tracheobronchial tubes (ISO/DIS 16628:2020)

This document specifies requirements for safety, materials, design and information to be supplied with tracheobronchial tubes. These devices are used when isolation of the airways of one or both lungs is required. Tracheal tubes that include bronchus blockers are excluded from the scope of this document

Keel: en

Alusdokumendid: ISO/DIS 16628; prEN ISO 16628

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 21856

Assistive products - General requirements and test methods (ISO/DIS 21856:2020)

This European Standard specifies general requirements and test methods for assistive products for persons with a disability, which are medical devices according to the definition laid down in the EU Directive 93/42/EEC. This European Standard does not apply to assistive products which achieve their intended purpose by administering pharmaceutical substances to the user. Where other European Standards exist for particular types of assistive products then those standards apply. However, some of the requirements of this standard may still apply and may be considered in addition to those in other European standards. NOTE Not all the items listed in EN ISO 9999 are medical devices. Contracting parties may wish to consider if this standard or parts of this standard can be used for assistive products which are not medical devices as defined in the EU Directive 93/42/EEC.

Keel: en

Alusdokumendid: ISO/DIS 21856; prEN ISO 21856

Asendab dokumenti: EVS-EN 12182:2012

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 23450

Dentistry - Intraoral camera (ISO/DIS 23450:2020)

This document specifies requirements and test methods for intraoral cameras used in dentistry on the patient for pictorial representation of the oral cavity in order to support diagnosis and facilitate patient information. It specifies requirements, test methods, instructions for use and marking. This document is not applicable to a) powered polymerization activators for polymerization of dental materials; b) exclusively extraoral camera equipment to prepare overviews or to record treatments; c) dental microscopes for minimally invasive treatments; d) medical endoscopes; e) camera handpieces for tooth illumination (transillumination); f) CAD/CAM scanner handpieces; g) combinations of dental instruments with camera functions; h) cameras for endodontic purposes; i) devices for root canal inspection (endoscopic microcameras); j) cameras for tool navigation; k) cameras for determination of tooth colour.

Keel: en

Alusdokumendid: ISO/DIS 23450; prEN ISO 23450

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 80601-2-85

Medical electrical equipment - Part 2-85: Particular requirements for basic safety and essential performance of cerebral tissue oximeter equipment (ISO/DIS 80601-2-85:2020)

This particular standard applies to basic safety and essential performance of cerebral tissue oximeter equipment (t-NIRS), which is a unique application of NIRS in that it employs multiple wavelengths of light energy and time-resolved (frequency or time domain) and/or spatially resolved methods to derive a quantitative measure of tissue oxygen saturation of haemoglobin within the field of the NIRS sensor. This particular standard applies to ME EQUIPMENT used in a hospital environment as well as when used outside the hospital environment, such as in ambulances and air transport. Additional standards may apply to ME EQUIPMENT

for those environments of use. Not included within the scope of this particular standard are: a) Invasive tissue or vascular oximeters b) Device measuring dissolved oxygen c) Functional NIRS device covered by IEC 80601-2-71, where not intended for obtaining cerebral tissue oximeter signals for monitoring purposes d) Pulse oximeter covered by ISO 80601-2-61, where not intended for obtaining cerebral tissue oximeter signals for monitoring purposes; however, manufacturers should consider using relevant clauses of this standard as appropriate for their intended use. NOTE: a manufacturer may claim monitoring of tissue other than cerebral, which is not covered by this standard.

Keel: en

Alusdokumendid: ISO/DIS 80601-2-85; prEN ISO 80601-2-85

Arvamusküsitluse lõppkuupäev: 31.05.2020

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN 60335-1:2012/prA15

Household and similar electrical appliances - Safety - Part 1: General requirements

This European Standard deals with the safety of electrical appliances for household environment and commercial purposes, their rated voltage being not more than 250 V for single-phase and 480 V for others.

Keel: en

Alusdokumendid: EN 60335-1:2012/prA15

Muudab dokumenti: EVS-EN 60335-1:2012

Muudab dokumenti: EVS-EN 60335-1:2012+A11:2014

Muudab dokumenti: EVS-EN 60335-1:2012+A11+A12

Muudab dokumenti: EVS-EN 60335-1:2012+A11+A13:2017

Muudab dokumenti: EVS-EN 60335-1:2012+A11+A13+A14+A2:2019

Arvamusküsitluse lõppkuupäev: 31.05.2020

EN ISO 20349-1:2017/prA1

Personal protective equipment - Footwear protecting against risk in foundries and welding - Part 1: Requirements and test methods for protection against risk in foundries - Amendment 1 (ISO 20349-1:2017/DAM 1:2020)

Amendment for EN ISO 20349-1:2017

Keel: en

Alusdokumendid: ISO 20349-1:2017/DAMd 1; EN ISO 20349-1:2017/prA1

Muudab dokumenti: EVS-EN ISO 20349-1:2017

Arvamusküsitluse lõppkuupäev: 31.05.2020

EN ISO 20349-2:2017/prA1

Personal protective equipment - Footwear protecting against risks in foundries and welding - Part 2: Requirements and test methods for protection against risks in welding and allied processes - Amendment 1 (ISO 20349-2:2017/DAM 1:2020)

Modification of annex ZA and addition of an European informative annex

Keel: en

Alusdokumendid: ISO 20349-2:2017/DAMd 1; EN ISO 20349-2:2017/prA1

Muudab dokumenti: EVS-EN ISO 20349-2:2017

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 14031

Workplace exposure - Quantitative measurement of airborne endotoxins

This document specifies methods for the quantitative measurement of airborne endotoxins and gives general requirements for sampling on filters, transportation, storage as well as the analysis of samples. This document provides also guidelines for the assessment of workplace exposure to airborne endotoxins.

Keel: en

Alusdokumendid: prEN 14031

Asendab dokumenti: EVS-EN 14031:2003

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 14735

Characterization of waste - Preparation of waste samples for ecotoxicity tests

This European Standard describes the necessary steps to be performed before carrying out ecotoxicity tests on wastes. The purpose of this European Standard is to provide guidance on the taking of the sample, transport, storage of wastes and to define preparation, for the determination of ecotoxicological properties of wastes under the conditions specified in this European Standard by biological testing either as raw wastes or water extracts from wastes. Sample preparation for other applications (e.g. assessment of waste effects on aquatic and terrestrial organisms in a disposal scenario) is not considered. Specifying a test battery to characterize ecotoxicological properties of wastes is not in the scope of this European Standard. This European Standard is applicable to solid and liquid wastes.

Keel: en
Alusdokumendid: prEN 14735
Asendab dokumenti: EVS-EN 14735:2005

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 15344

Plastics - Recycled plastics - Characterisation of Polyethylene (PE) recyclates

This document defines a method of specifying delivery conditions for polyethylene (PE) recyclates. It gives the most important characteristics and associated test methods for assessing PE recyclates intended for use in the production of semi-finished/finished products. It is intended to support parties involved in the use of recycled PE to agree on specifications for specific and generic applications. This document is applicable without prejudice to any existing legislation. This document does not cover the characterization of plastics wastes (see EN 15347).

Keel: en
Alusdokumendid: prEN 15344
Asendab dokumenti: EVS-EN 15344:2007

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 15935

Sludge, treated biowaste, soil and waste - Determination of loss on ignition

This European Standard specifies a method for the determination of the loss on ignition (LOI) of dry matter at 550 °C. The dry matter is determined according to EN 15934. This method applies to the determination of loss on ignition of sludge, treated biowaste, soil and waste. The LOI of sediments can also be determined with this method. The loss on ignition is often used as an estimate for the content of organic matter in the sample. Inorganic substances or decomposition products (e. g. H₂O, CO₂, SO₂, O₂) are released or absorbed and some inorganic substances are volatile under the reaction conditions.

Keel: en
Alusdokumendid: prEN 15935
Asendab dokumenti: EVS-EN 15169:2007
Asendab dokumenti: EVS-EN 15935:2012

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 16980-1

Photocatalysis - Continuous flow test methods - Part 1: Determination of the degradation of nitric oxide (NO) in the air by photocatalytic materials

This document describes a method for assessing the performance of photocatalytic inorganic materials contained in cement mortars and/or limes or ceramic-based matrices, paints or materials deposited as thin films or coatings on a variety of substrates for the photocatalytic abatement of nitric oxide in the gas phase. This method is not suitable for the assessment of samples to be applied with flow perpendicular to the surface or flow permeating the surface itself as polymeric and paper filters, honeycomb structures and suchlike. The performance for the photocatalytic sample under test is evaluated by measuring the degradation rate of nitric oxide (NO) using the method described herein. The photocatalytic abatement rate is calculated from the observed rate by eliminating the effects of mass transfer. The intrinsic photocatalytic abatement rate is an intrinsic property of the material tested and makes it possible to distinguish the photocatalytic activities of various products with an absolute scale defined with physical and engineering meaning. For the measurements and calculations described in this document the concentration of nitrogen oxides (NO_x) is defined as the stoichiometric sum of nitric oxide (NO) and nitrogen dioxide (NO₂).

Keel: en
Alusdokumendid: prEN 16980-1
Asendab dokumenti: CEN/TS 16980-1:2016

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 17480

Algae and algae products - Methods for the determination of productivity of algae growth sites

This document specifies the methods to be used for the determination of productivity of algae growth sites. This document excludes methods for sampling, harvesting and pre-/postprocessing. Excluded as well is 'wild growth', which is defined as algae growing in nature without human interference except when harvesting the algae.

Keel: en
Alusdokumendid: prEN 17480

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 50399

Common test methods for cables under fire conditions - Heat release and smoke production measurement on cables during flame spread test - Test apparatus, procedures, results

EN 50399 specifies the apparatus and methods of test for the assessment of vertical flame spread, heat release, smoke production and occurrence of flaming droplets/particles of vertically-mounted electric cables under defined conditions. NOTE For the purpose of this standard, the term "electric cable" covers all power, control and communication cables, including optical fibre cables and hybrid cables used for the conveyance of energy and/or signals. EN 50399 details the apparatus for the fire propagation testing and the arrangement and calibration of the instrumentation to be installed in order to measure the heat release and the smoke

production during the test. The combustion gases are collected in a hood above the test chamber and conveyed through an exhaust system, which allows the measurement of heat release rate and smoke production. Test procedures to be used for type approval testing for classification of cables in classes [2, 6] B1ca, B2ca, Cca and Dca are given. Cable installation on the test ladder and the volume of air passing through the chamber are in accordance with the Commission Decision 2006/751/EC [5], which is reflected in the requirements of this standard.

Keel: en

Alusdokumendid: prEN 50399

Asendab dokumenti: EVS-EN 50399:2011

Asendab dokumenti: EVS-EN 50399:2011/A1:2016

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 50710

Guidelines and requirements for Remote Services for fire safety and security systems

This document specifies the minimum requirements for secure remote services (e. g. via IP connections) to the following systems: a) fire safety systems including, but not limited to, fire detection and fire alarm systems, fixed firefighting systems, smoke and heat control systems, b) security systems including, but not limited to, intruder and hold-up alarm systems, electronic access control systems, external perimeter security systems and video surveillance systems, c) social alarm systems, d) a combination of such systems. The scope doesn't cover: a) the alarm transmission infrastructure, b) the use of remote access performed by end-users

Keel: en

Alusdokumendid: prEN 50710

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 54-1

Fire detection and fire alarm systems - Part 1: Introduction

This document defines the terms and definitions that are used throughout EN 54 series of standards. It gives the principles on which each part of the series has been based and describes the functions carried out by the components of a fire detection and fire alarm system. This document applies to fire detection and fire alarm systems for buildings and civil engineering works. This document does not apply to smoke alarm devices which are covered by EN 14604.

Keel: en

Alusdokumendid: prEN 54-1

Asendab dokumenti: EVS-EN 54-1:2011

Asendab dokumenti: EVS-EN 54-1:2011/AC:2012

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 12404

Soil quality - Guidance on the selection and application of screening methods (ISO/DIS 12404:2020)

This document provides guidance on the selection and application of screening methods for assessing soil quality and waste characterization, including distribution of target parameters in soil and soil- like solid. The aim of this document is to set up criteria as to when the different kind of screening methods may be applied for the analysis of a certain parameter in soil, including soil- like solid, and waste, and which steps are required to prove their suitability. This document does not recommend any particular screening method but confirms the principles of their selection and application.

Keel: en

Alusdokumendid: ISO/DIS 12404; prEN ISO 12404

Asendab dokumenti: EVS-EN ISO 12404:2015

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 14007

Environmental management - Guidelines for determining environmental costs and benefits (ISO 14007:2019)

This document gives guidelines for organizations on determining the environmental costs and benefits associated with their environmental aspects. It addresses the dependencies of an organization on the environment, for example, natural resources, and the context in which the organization operates or is located. Environmental costs and benefits can be expressed quantitatively, in both non-monetary and monetary terms, or qualitatively. This document also provides guidance for organizations when disclosing related information. This document takes an anthropocentric perspective, i.e. looking at changes that affect human wellbeing (utility) including their concern for, and dependence on, nature and ecosystem services. This includes use and non-use values as reflected in the concept of total economic value when environmental costs and benefits are determined in monetary terms. The ways in which the environmental costs and benefits are used after they have been determined are outside the scope of this document. This document is applicable to any organization regardless of size, type and nature.

Keel: en

Alusdokumendid: ISO 14007:2019; prEN ISO 14007

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 14008

Monetary valuation of environmental impacts and related environmental aspects (ISO 14008:2019)

This document specifies a methodological framework for the monetary valuation of environmental impacts and related environmental aspects. Environmental impacts include impacts on human health, and on the built and natural environment. Environmental aspects include releases and the use of natural resources. The monetary valuation methods in this document can also be used to better understand organizations' dependencies on the environment. During the planning of the monetary valuation, the intended use of the results is considered but the use itself is outside the scope of this document. In this document, monetary valuation is a way of expressing value in a common unit, for use in comparisons and trade-offs between different environmental issues and between environmental and other issues. The monetary value to be determined includes some or all values reflected in the concept of total economic value. An anthropocentric perspective is taken, which asserts that natural environment has value in so far as it gives utility (well-being) to humans. The monetary values referred to in this document are economic values applied in trade-offs between alternative resource allocations, and not absolute values. This document does not include costing or accounting, although some valuation methods have the term "cost" in their name. This document does not include the development of models linking environmental aspects to environmental impacts. NOTE In this document, what is valued in monetary terms is either environmental impacts or environmental aspects. When valuing environmental impacts of an organization, it is important that links between environmental aspects and environmental impacts are established.

Keel: en

Alusdokumendid: ISO 14008:2019; prEN ISO 14008

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 19734

Eye and face protection - Guidance on selection, use and maintenance (ISO/DIS 19734:2020)

This document gives guidance on the control of eye and face hazards including physical, mechanical, chemical, optical radiation and biological and the selection, use and maintenance of eye and face protectors. This document applies to: — Occupational use — Non-occupational use including around the home, leisure activities and hobbies — Schools, educational and research establishments This document does not apply to eye and face protection for: — ionizing radiation; — low frequency radio waves — microwaves — sports or vehicular usage. NOTE See the ISO 18527 series for advice about application to sports. Brief advice on protection when using lasers is included but for detailed advice, see IEC 60825-14. This standard is neither a whole nor partial substitute for risk assessment which is an essential part of any eye and face protection programme

Keel: en

Alusdokumendid: ISO/DIS 19734; prEN ISO 19734

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 23063

Foundry machinery - Safety requirements for high pressure die casting machines (ISO/DIS 23063:2020)

This document applies to high pressure die casting machines: a) hot-chamber die casting machines (horizontal or vertical die closing system), and b) horizontal/vertical cold-chamber die casting machines (horizontal or a vertical die closing system). It applies to high pressure die casting units, i.e., high pressure die casting machines (HPDCM) and their interfaces with the following ancillary equipment: c) die, d) melting, holding and dosing furnaces (see ISO 13577-1), e) metal feeding equipment, f) inserting and removal devices, g) spraying appliances, h) heat exchanger for the die. This ancillary equipment itself is not covered. Additional risks arising from the material being cast are not covered. This standard does not apply to low pressure die casting machines and/or gravity die casting machines. This standard deal with all significant hazards, hazardous situations and events relevant to pressure die casting machines when used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). It provides the requirements to be met by the manufacturer to ensure the safety of persons and property during transport, commissioning, use, de-commissioning and maintenance periods, as well as in the event of foreseeable failures or malfunctions that can occur in the equipment

Keel: en

Alusdokumendid: ISO/DIS 23063; prEN ISO 23063

Asendab dokumenti: EVS-EN 869:2006+A1:2009

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 8041-2

Human response to vibration - Measuring instrumentation - Part 2: Part 2: Personal vibration exposure meters (ISO/DIS 8041-2:2020)

This document specifies minimum requirements for personal vibration exposure meters (PVEM). This document is applicable to instruments designed for measurements of whole-body vibration in the context of industrial hygiene applications (in accordance with ISO 2631-1, ISO 2631-2 and ISO 2631-4) and/or hand-arm vibration (in accordance with ISO 5349-1) together with the associated exposure times. This document provides specified design goals and permitted tolerances that define the minimum performance capabilities and functional requirements of instruments designed to measure personal daily vibration exposure. Instruments meeting the requirements of this document are required to have logging capabilities. Additional information is provided on how instruments might use the logged data for post-processing, e.g. to identify transient acceleration artefacts in the measurement so that they can be excluded from vibration exposure values and the evaluation of accurate vibration exposure times. NOTE This document is not intended to apply to instruments designed to measure or log exposure times without also performing vibration measurement. Instrumentation of this type is described in ISO/TR 19664.

Keel: en

Alusdokumendid: ISO/DIS 8041-2; prEN ISO 8041-2
Asendab dokumenti: EVS-EN ISO 8041:2005

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 9038

Determination of sustained combustibility of liquids (ISO/DIS 9038:2020)

This document specifies a procedure, at temperatures up to 100 °C, to determine whether or not a liquid product, that would be classified as "flammable" by virtue of its flash point, sustains combustion at the temperature or temperatures specified in the appropriate regulations. NOTE 1 Many national and international regulations classify liquids as presenting a flammable hazard on the basis of their flash point, as determined by a recognized method. Some of these regulations allow a derogation if the substance cannot "sustain combustion" at some specified temperature or temperatures. NOTE 2 In connection with the United Nations recommendations on the Transport of Dangerous Goods as well as with the Globally Harmonized System of Classification and Labelling of Chemicals, and also with derived national/EC regulations, temperatures of 60,5 °C and 75,0 °C are specified for this test.[1][2] The procedure is applicable to paints (including water-borne paints), varnishes, paint binders, solvents, petroleum or related products and adhesives, which have a flash point. It is not applicable to painted surfaces in respect of assessing their potential fire hazards. This test method is applicable, in addition to test methods for flash point, for assessing the fire hazard of a product. NOTE 3 Particular care needs to be taken in translating results from this test method to large scale (real life) situations, as liquids in large quantities can behave in different ways to small samples.

Keel: en

Alusdokumendid: prEN ISO 9038; ISO/DIS 9038:2020
Asendab dokumenti: EVS-EN ISO 9038:2013

Arvamusküsitluse lõppkuupäev: 31.05.2020

19 KATSETAMINE

EN 61010-031:2015/prAA

Safety requirements for electrical equipment for measurement, control and laboratory use - Part 031: Safety requirements for hand-held probe assemblies for electrical measurement and test

1.1.1 Probe assemblies included in scope This part of IEC 61010 specifies safety requirements for hand-held and hand-manipulated probe assemblies of the types described below, and their related accessories. These probe assemblies are for direct electrical connection between a part and electrical test and measurement equipment. They may be fixed to the equipment or be detachable accessories for the equipment. a) Type A: low-voltage and high-voltage, non-attenuating probe assemblies. Non-attenuating probe assemblies that are RATED for direct connection to voltages exceeding 30 V r.m.s., 42,4 V peak, or 60 V d.c., but not exceeding 63 kV. They do not incorporate components which are intended to provide a voltage divider function or a signal conditioning function, but they may contain non-attenuating components such as fuses (see Figure 1). b) Type B: high-voltage attenuating or divider probe assemblies. Attenuating or divider probe assemblies that are RATED for direct connection to secondary voltages exceeding 1 kV r.m.s or 1,5 kV d.c. but not exceeding 63 kV r.m.s or d.c. The divider function may be carried out wholly within the probe assembly, or partly within the test or measurement equipment to be used with the probe assembly (see Figure 2). c) Type C: low-voltage attenuating or divider probe assemblies. Attenuating or divider probe assemblies for direct connection to voltages not exceeding 1 kV r.m.s. or 1,5 kV d.c. The signal conditioning function may be carried out wholly within the probe assembly, or partly within the test or measurement equipment intended to be used with the probe assembly (see Figure 3). d) Type D: low-voltage attenuating, non-attenuating or other signal conditioning probe assemblies, that are RATED for direct connection only to voltages not exceeding 30 V r.m.s., or 42,4 V peak, or 60 V d.c., and are suitable for currents exceeding 8 A (see Figure 4). 1.1.2 Probe assemblies excluded from scope This standard does not apply to current sensors within the scope of IEC 61010-2-032 (hand-held and hand-manipulated current sensors), but may apply to their input measuring circuit leads and accessories.

Keel: en

Alusdokumendid: EN 61010-031:2015/prAA
Muudab dokumenti: EN 61010-031:2015/prA1:2017

Arvamusküsitluse lõppkuupäev: 31.05.2020

FprEN 61010-2-030:2016/prAA

Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-030: Particular requirements for equipment having testing or measuring circuits

1 Scope and object This clause of Part 1 is applicable except as follows: 1.1.1 Equipment included in scope Replacement: Replace the text with the following: This group safety publication is primarily intended to be used as a product safety standard for the products mentioned in the scope, but shall also be used by technical committees in the preparation of their publications for products similar to those mentioned in the scope of this standard, in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. This part of IEC 61010 specifies safety requirements for equipment having testing or measuring circuits which are connected for test or measurement purposes to devices or circuits outside the measurement equipment itself. These include measuring circuits which are part of electrical test and measurement equipment, laboratory equipment, or process control equipment. The existence of these circuits in equipment requires additional protective means between the circuit and an OPERATOR. NOTE These testing and measuring circuits can, for example: – measure voltages in circuits of other equipment, – measure temperature of a separate device via a thermocouple, – measure force on a separate device via a strain gauge, – inject a voltage onto a circuit to analyse a new design. Equipment having these testing and measuring circuits may be intended for performing tests and measurements on hazardous conductors, including MAINS conductors and telecommunication network conductors. See Annex BB for considerations of HAZARDS involved in various tests and measurements.

Keel: en
Alusdokumendid: FprEN 61010-2-030:2016/prAA
Muudab dokumenti: FprEN 61010-2-030:2016
Arvamusküsitluse lõppkuupäev: 31.05.2020

FprEN 61010-2-034:2016/prAA

Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-034: Particular requirements for measurement equipment for insulation resistance and test equipment for electric strength

1 Scope and object This clause of Part 1 is applicable except as follows: 1.1.1 Equipment included in scope Replacement: Replace the text with the following: This group safety publication is primarily intended to be used as a product safety standard for the products mentioned in the scope, but shall also be used by technical committees in the preparation of their publications for products similar to those mentioned in the scope of this standard, in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. This part of IEC 61010 specifies safety requirements for measurement equipment for insulation resistance and test equipment for electric strength with an output voltage exceeding 50 V a.c. or 120 V d.c. This part also applies to combined measuring equipment which has an insulation resistance measurement function or an electric strength test measurement function.

Keel: en
Alusdokumendid: FprEN 61010-2-034:2016/prAA
Muudab dokumenti: FprEN 61010-2-034:2016
Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN IEC 60068-2-13:2020

Environmental testing - Part 2-13: Tests - Test M: Low air pressure

This part of IEC 60068 provides methods of test applicable to specimens which, during transportation, storage or in service, can be subjected to low air pressure. The object of the low air pressure test is to the determination of the ability of components, equipment or other articles to be used, transported or stored at low air pressure. For components, equipment or other articles to be used, transported or stored under a simultaneous combination of high or low temperature and low air pressure where the combination is important for the stresses imposed on the articles or for the failure mechanisms, shall then be tested according to IEC 60068-2-39.

Keel: en
Alusdokumendid: IEC 60068-2-13:201X; prEN IEC 60068-2-13:2020
Asendab dokumenti: EVS-EN 60068-2-13:2002
Arvamusküsitluse lõppkuupäev: 31.05.2020

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

prEN 17490

Determination of screw pull out forces from screw thread channels

This document provides a test method for determining the bearing capacity (pull out force) of a connection consisting of a screw in a screw thread channel, which cannot be calculated in accordance with current codes or conventional calculations. This document can be applied to several products, including doors, windows and curtain walling. This document applies to screw thread channels made out of metal as well as metal screws. The pull out forces of such connections may already be assessed indirectly with another test method e.g. wind load resistance for doors/windows according to EN 12211 or curtain walling kits according to EN 12179. Additional information with respect to the mechanical performance of connections and direct applications can be determined with the test method described in this document.

Keel: en
Alusdokumendid: prEN 17490
Arvamusküsitluse lõppkuupäev: 31.05.2020

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN ISO 13259

Thermoplastics piping systems for underground non-pressure applications - Test method for leaktightness of elastomeric sealing ring type joints (ISO/FDIS 13259:2020)

This document specifies a test method for determining the leaktightness of elastomeric sealing ring type joints for buried thermoplastics non-pressure piping systems. Unless otherwise specified in the referring standard, the tests are carried out at the following basic test pressures: — p1: internal negative air pressure (partial vacuum); — p2: a low internal hydrostatic pressure; — p3: a higher internal hydrostatic pressure. It also describes the following four test conditions under which the tests are performed: a) Condition A: without any additional diametric or angular deflection; b) Condition B: with diametric deflection; c) Condition C: with angular deflection; d) Condition D: with simultaneous angular and diametric deflection. The applicable selection of the test pressure(s) and the test condition(s) is specified in the referring standard.

Keel: en
Alusdokumendid: ISO/FDIS 13259; prEN ISO 13259
Asendab dokumenti: EVS-EN ISO 13259:2018
Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 1402

Rubber and plastics hoses and hose assemblies - Hydrostatic testing (ISO/DIS 1402:2020)

This International Standard specifies methods for the hydrostatic testing of rubber and plastics hoses and hose assemblies, including methods for the determination of dimensional stability.

Keel: en

Alusdokumendid: ISO/DIS 1402; prEN ISO 1402

Asendab dokumenti: EVS-EN ISO 1402:2009

Arvamusküsitluse lõppkuupäev: 31.05.2020

25 TOOTMISTEHNOLOGIA

EN 62841-1:2015/prAB

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömashinad. Ohutus. Osa 1: Üldnõuded

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 1: general requirements

This standard deals with the safety of electric motor-operated or magnetically driven: - hand-held tools (IEC 62841-2); - transportable tools (IEC 62841-3); - lawn and garden machinery (IEC 62841-4). The rated voltage is not more than 250 V for single-phase a.c. or d.c. tools, and 480 V for three-phase a.c. tools. The rated input is not more than 3 700 W.

Keel: en

Alusdokumendid: EN 62841-1:2015/prAB

Muudab dokumenti: EVS-EN 62841-1:2015

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 16296

Imperfections in thermoplastics welded joints - Quality levels

This document provides quality levels for imperfections in thermoplastics welded joints. It applies to material thickness above 2,0 mm. Three quality levels are given in order to permit application for a wide range of welded fabrication. They are designated by symbols B, C and D, where B is the most stringent. The quality levels refer to production quality and not to the fitness-for-purpose (see 3.2) of the manufactured product. This document applies to the following thermoplastic materials in Table 1: ABS Acrylonitrile-butadiene-styrene plastic, ECTFE Ethylene-chlorotrifluoroethylene copolymer, FEP Fluorinated ethylene propylene, PA-U Unplasticized Polyamide, PB Polybutylene, PE Polyethylene, PFA Perfluoroalkoxy, PP-B Polypropylene block copolymer, PP-H Polypropylene homopolymer, PP-R Polypropylene random copolymer, PVC-C Chlorinated polyvinyl chloride, PVC-U Unplasticized polyvinyl chloride (rigid PVC), PVDF Polyvinylidene fluoride and to the following welding processes: - heated tool welding; - electrofusion welding; - hot gas welding using filler rod only; - extrusion welding; - solvent welding of pipes.

Keel: en

Alusdokumendid: prEN 16296

Asendab dokumenti: EVS-EN 16296:2012

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 16981

Photocatalysis - Glossary of terms

A common language for standards, disclosed to a wide audience and referring only to the operational protocols and to their outcomes, is needed both for a consistent set of standards and the connection with the scientific literature. This glossary will take into account existing glossary of terms used in photocatalysis and photochemistry. Because in photocatalysis numerous properties are difficult to be evaluated, it is strongly recommended in standard norms to avoid reporting properties depending on number of active sites, the mechanisms of adsorption or kinetic mechanisms of photocatalytic reactions. For the same reason instead of the quantum yield and related quantities it is easier to report the photonic efficiency. Most of the definitions reported in this document are a sub-set of the IUPAC definitions in photocatalysis and radiocatalysis [1]. Some other definitions, in particular for the photocatalytic rate and reactors are taken from a dedicated work [2]. The use and many technical specifications on the physical values suggested for irradiation conditions in the standards are reported in a separate Technical Specification [3]. The arrangement of entries is alphabetical, and the criterion adopted by the IUPAC has been followed for the typeface used: italicized words in a definition or following it indicate a cross-reference in the Glossary.

Keel: en

Alusdokumendid: prEN 16981

Asendab dokumenti: CEN/TS 16981:2016

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 1460

Metallic coatings - Hot dip galvanized coatings on ferrous materials - Gravimetric determination of the mass per unit area (ISO/DIS 1460:2020)

This International Standard specifies a method of determining the mass per unit area of hot dip galvanized coatings on ferrous materials. Since an exact knowledge of the area of the surface is essential, this International Standard is mainly applicable to shapes whose areas are easy to determine. If, with heavy samples, the specifications of clause 5 cannot be met, then the hot dip galvanized coating mass has to be determined by another method.

Keel: en
Alusdokumendid: ISO/DIS 1460; prEN ISO 1460
Asendab dokumenti: EVS-EN ISO 1460:1999
Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 15615

Gas welding equipment - Acetylene manifold systems for welding, cutting and allied processes - Safety requirements in high-pressure devices (ISO/DIS 15615:2020)

This International Standard establishes the general specifications, requirements and tests for devices located on the high-pressure side of acetylene manifold systems as defined in ISO 14114. It does not cover the high-pressure piping, flexible hoses and the regulator. NOTE The terms "upstream" and "downstream" refer to the normal direction of gas flow in the device.

Keel: en
Alusdokumendid: ISO/DIS 15615; prEN ISO 15615
Asendab dokumenti: EVS-EN ISO 15615:2013
Arvamusküsitluse lõppkuupäev: 31.05.2020

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN 16583

Heat exchangers - Hydronic room fan coils units - Determination of the sound power level

This European Standard applies to hydronic fan coil units (FCU) as factory-made single assemblies which provide the functions of cooling and/or heating but do not include the source of cooling or heating. The standard covers both air free delivery and air ducted units with a maximum external static pressure due to duct resistance of 120 Pa max. This European Standard provides methods for the determination of the acoustical performance of fan coil units, defining standard working condition and installation. It is not the purpose of this standard to specify the tests used for production or field testing. NOTE For the purpose of remaining clauses, the term "unit" is used to mean "fan coil unit" as defined in 3.1 of FprEN 1397:2015.

Keel: en
Alusdokumendid: prEN 16583
Asendab dokumenti: EVS-EN 16583:2015
Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN IEC 62282-7-2:2020

Fuel cell technologies - Part 7-2: Test methods - Single cell and stack performance tests for solid oxide fuel cells (SOFC)

This part of IEC 62282, which is a technical specification, provides for SOFC cell/stack assembly units, testing systems, instruments and measuring methods, and test methods to test the performance of SOFC cells and stacks. This technical specification is not applicable to small button cells that are designed for SOFC material testing and provide no practical means of fuel utilization measurement. This technical specification is to be used for data exchanges in commercial transactions between cell/stack manufacturers and system developers or for acquiring data on a cell or stack in order to estimate the performance of a system based on it. Users of this technical specification may selectively execute test items suitable for their purposes from those described in this technical specification.

Keel: en
Alusdokumendid: IEC 62282-7-2:202X; prEN IEC 62282-7-2:2020
Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN IEC 62859:2020

Nuclear power plants - Instrumentation and control systems - Requirements for coordinating safety and cybersecurity

See the scope of IEC 62859:2016 and of its Amendment1:2019. Adoption of IEC 62859:2016+Amtd1:2019 is to be done without modification.

Keel: en
Alusdokumendid: IEC 62859:2016; IEC 62859:2016/A1:2019; prEN IEC 62859:2020
Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 16559

Solid biofuels - Terminology, definitions and descriptions (ISO/DIS 16559:2020)

This international standard determines the terminology and definitions for solid biofuels. According to the scope of the ISO/TC 238 this standard only includes raw and processed material originating from — forestry and arboriculture, — agriculture and horticulture, — aquaculture NOTE 1 Raw and processed material includes woody, herbaceous, fruit and aquatic biomass from the sectors mentioned above. NOTE 2 Chemically treated material does not include halogenated organic compounds or heavy metals at levels higher than those in typical virgin material values or higher than typical values of the country of origin. Materials originating from different recycling processes of end-of-life-products are not within the scope but relevant terms are included for information. Areas covered by ISO/TC28/SC7 "Liquid biofuels" and ISO/TC193 "Natural gas" are excluded. Other standards with a different scope than this International Standard may have different definitions than this standard.

Keel: en
Alusdokumendid: ISO/DIS 16559; prEN ISO 16559
Arvamusküsitluse lõppkuupäev: 31.05.2020

29 ELEKTROTEHNIKA

EN 61009-1:2012/prAC

Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) - Annex N - Additional requirements and tests for RCBOs consisting of one residual current protection function and several independent two-pole overcurrent protection functions

This annex applies to RCBOs with one residual current protection function and several independent two-pole overcurrent protection functions.

Keel: en
Alusdokumendid: EN 61009-1:2012/prAC
Muudab dokumenti: EVS-EN 61009-1:2012

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 50342-4

Lead-acid starter batteries - Part 4: Dimensions of batteries for heavy vehicles

This document is applicable to lead-acid batteries used for heavy vehicles. The object of this document is to specify the European requirements of the main dimensions of starter batteries. For new and future developments of the above applications, it is strongly recommended that only batteries from the "Preferred Types" series be used. Batteries of the series of "Other Types" exist under several national standards. They have been transferred from the previous standard EN 60095-4. The preferred types A, B and C are newly introduced and correspond closely to the types D4, D5 and D6 with some differences in tolerances and dimensions.

Keel: en
Alusdokumendid: prEN 50342-4
Asendab dokumenti: EVS-EN 50342-4:2009

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 50397-1

Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV AC and not exceeding 36 kV AC - Part 1: Covered conductors

This document contains the requirements for covered conductors with or without integrated longitudinal watertightness and/or semi-conductive conductor screen for applications in overhead lines with rated voltages U above 1 kV a.c. and not exceeding 36 kV a.c.

Keel: en
Alusdokumendid: prEN 50397-1
Asendab dokumenti: EVS-EN 50397-1:2007

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 50399

Common test methods for cables under fire conditions - Heat release and smoke production measurement on cables during flame spread test - Test apparatus, procedures, results

EN 50399 specifies the apparatus and methods of test for the assessment of vertical flame spread, heat release, smoke production and occurrence of flaming droplets/particles of vertically-mounted electric cables under defined conditions. NOTE For the purpose of this standard, the term "electric cable" covers all power, control and communication cables, including optical fibre cables and hybrid cables used for the conveyance of energy and/or signals. EN 50399 details the apparatus for the fire propagation testing and the arrangement and calibration of the instrumentation to be installed in order to measure the heat release and the smoke production during the test. The combustion gases are collected in a hood above the test chamber and conveyed through an exhaust system, which allows the measurement of heat release rate and smoke production. Test procedures to be used for type approval testing for classification of cables in classes [2, 6] B1ca, B2ca, Cca and Dca are given. Cable installation on the test ladder and the volume of air passing through the chamber are in accordance with the Commission Decision 2006/751/EC [5], which is reflected in the requirements of this standard.

Keel: en
Alusdokumendid: prEN 50399
Asendab dokumenti: EVS-EN 50399:2011
Asendab dokumenti: EVS-EN 50399:2011/A1:2016

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN IEC 60086-1:2020

Primary batteries - Part 1: General

This part of IEC 60086 is intended to standardize primary batteries with respect to dimensions, nomenclature, terminal configurations, markings, test methods, typical performance, safety and environmental aspects. As a primary battery classification

tool, electrochemical systems are also standardized with respect to system letter, electrodes, electrolyte, nominal and maximum open circuit voltage. NOTE The requirements justifying the inclusion or the ongoing retention of batteries in the IEC 60086 series are given in Annex A. The object of IEC 60086-1 is to benefit primary battery users, device designers and battery manufacturers by ensuring that batteries from different manufacturers are interchangeable according to standard form, fit and function. Furthermore, to ensure compliance with the above, this part specifies standard test methods for testing primary cells and batteries.

Keel: en

Alusdokumendid: IEC 60086-1:201X; prEN IEC 60086-1:2020

Asendab dokumenti: EVS-EN 60086-1:2015

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN IEC 60086-2:2020

Primary batteries - Part 2: Physical and electrical specifications

This part of IEC 60086 is applicable to primary batteries based on standardized electro-chemical systems. It specifies - the physical dimensions, - the discharge test conditions and discharge performance requirements.

Keel: en

Alusdokumendid: IEC 60086-2:201X; prEN IEC 60086-2:2020

Asendab dokumenti: EVS-EN 60086-2:2016

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN IEC 60086-3:2020

Primary batteries - Part 3: Watch batteries

This part of IEC 60086 specifies dimensions, designation, methods of tests and requirements for primary batteries for watches. In several cases, a menu of test methods is given. When presenting battery electrical characteristics and/or performance data, the manufacturer specifies which test method was used.

Keel: en

Alusdokumendid: IEC 60086-3:201X; prEN IEC 60086-3:2020

Asendab dokumenti: EVS-EN 60086-3:2016

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN IEC 62271-100:2020

High-voltage switchgear and controlgear - Part 100: Alternating current circuit-breakers

This part of IEC 62271 is applicable to AC circuit-breakers designed for indoor or outdoor installation and for operation at frequencies of 50 Hz and 60 Hz on systems having voltages above 1 000 V to be tested with direct testing methods. NOTE In a direct testing method one source is used to supply the voltage and current during the making and breaking tests. This part of IEC 62271 is not applicable to: – circuit-breakers with a closing mechanism for dependent manual operation; – circuit-breakers intended for use on motive power units of electrical traction equipment; these are covered by IEC 60077 [1]; – generator circuit-breakers installed between generator and step-up transformer; these are covered by the IEC 62271-37-013 [2]; – self-tripping circuit-breakers with tripping devices that cannot be made inoperative during testing. Tests on automatic circuit reclosers are covered by IEC 62271-111 [3]; – tests to prove the performance under abnormal conditions that are not described in this part are subject to agreement between manufacturer and user. Such abnormal conditions are, for example, cases where the voltage is higher than the rated voltage of the circuit-breaker, conditions which may occur due to sudden loss of load on long lines or cables.

Keel: en

Alusdokumendid: IEC 62271-100:202X; prEN IEC 62271-100:2020

Asendab dokumenti: EVS-EN 62271-100:2009

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN IEC 62271-105:2020

High-voltage switchgear and controlgear - Part 105: Alternating current switch-fuse combinations for rated voltages above 1 kV up to and including 52 kV

Clause 1 of IEC 62271-1:2017 does not apply, and is replaced as follows: This part of IEC 62271 applies to three-pole units for public and industrial distribution systems which are functional assemblies of switches composed of switches or switch-disconnectors and current-limiting fuses designed so as to be capable of – breaking, at the rated voltage, any current up to and including the rated short-circuit breaking current; – making, at the rated voltage, circuits to which the rated short-circuit breaking current applies. It does not apply to combinations of fuses with circuit-breakers, contactors or circuit switchers, nor for combinations for motor-circuits nor to combinations incorporating single capacitor bank switches. This standard applies to combinations designed with rated voltages above 1 kV up to and including 52 kV for use on three-phase alternating current systems of either 50 Hz or 60 Hz. In this standard, the word "combination" is used for a combination in which the components constitute a functional assembly. Each association of a given type of switch and a given type of fuse defines one type of switch-fuse combination. Different types of fuses may be combined with one type of switch, which give several combinations with different characteristics, in particular concerning the rated continuous currents. A switch-fuse combination is then defined by its type designation and a list of selected fuses defined by the manufacturer, the so-called "reference list of fuses". Compliance with this standard of a given combination means that every combination using one of the selected fuses is proven to be in compliance with this standard. The fuses are incorporated in order to extend the short-circuit breaking rating of the combination beyond that of the switch alone. They are fitted with strikers in order both to open automatically all three poles of the switch on the operation of a fuse and to achieve a correct operation at values of fault current above the minimum melting current but below the minimum breaking current of the fuses. In addition to the fuse strikers, the combination may be fitted with either an over-current release or a shunt release. NOTE In this standard the term "fuse" is used to designate either the fuse or the fuse-link where the general

meaning of the text does not result in ambiguity. Fuses shall be in accordance with IEC 60282-1:2009/AMD1:2014. Devices that require dependent manual operation are not covered by this standard. Switches, including their specific mechanism, shall be in accordance with IEC 62271-103:20xx except for the short-time current and short-circuit making requirements where the current-limiting effects of the fuses are taken into account. Earthing switches forming an integral part of a combination are covered by IEC 62271-102. Switches which include other functions (not covered by IEC 62271-103) have to fulfil the requirements of their relevant standards additionally (e.g. IEC 62271-102 Disconnectors and Earthing switches).

Keel: en

Alusdokumendid: IEC 62271-105:202X; prEN IEC 62271-105:2020

Asendab dokumenti: EVS-EN 62271-105:2012

Arvamusküsitluse lõppkuupäev: 31.05.2020

31 ELEKTROONIKA

EN IEC 61837-2:2018/prA1:2020

Amendment 1 - Surface mounted piezoelectric devices for frequency control and selection - Standard outlines and terminal lead connections - Part 2: Ceramic enclosures

Amendment for EN IEC 61837-2:2018

Keel: en

Alusdokumendid: IEC 61837-2:2018/A1:202X; EN IEC 61837-2:2018/prA1:2020

Muudab dokumenti: EVS-EN IEC 61837-2:2018

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN IEC 61076-2-010:2020

CONNECTORS FOR ELECTRICAL AND ELECTRONIC EQUIPMENT - PRODUCT REQUIREMENTS - Part 2-010: Circular connectors - Detail specification for push pull connectors with outer locking mechanism, based on mating interfaces according to IEC 61076-2-101, IEC 61076-2-109, IEC 61076-2-111 and IEC 61076-2-1132-101, IEC 61076-2-109, IEC 61076-2-111 and IEC 61076-2-113

This part of IEC 61076-2 specifies circular connectors with a push-pull locking mechanism of a size derived from and thus being compatible with M12 screw-locking connectors (free connectors with screw-locking according to IEC 61076-2-101, IEC 61076-2-109, IEC 61076-2-111 or IEC 61076-2-113 are compatible to push-pull fixed interfaces according to this standard) and with mating interfaces according to IEC 61076-2-101, IEC 61076-2-109, IEC 61076-2-111 or IEC 61076-2-113. Note: M12 is the dimension of the thread of the screw-locking mechanism of circular connectors with M12 screw-locking. This standard covers both 1. power connectors with current ratings up to 16 A and voltage ratings up to 630 V, typically used for power supply and power applications in industrial premises, and 2. connectors for data and signal transmission with frequencies up to 500 MHz. These connectors consist of both, fixed and free connectors, either rewirable or non-rewirable, with M12 push-pull locking as explained above. Male connectors have round contacts from Ø0,6mm up to Ø1,5mm. In addition, the push-pull mechanisms consist of 2 different push-pull designs: a) an outer push-pull for male and female fixed connector, where the locking groove is placed onto the outer cylindrical surface of the housing. The outer push-pull for female fixed connectors is made for 2 different types of male connectors. It has locking means for both types on its outer surface. Note: design and dimensions see 5.3.1 and 5.3.2 b) An inner push-pull for female fixed connectors, where the locking means are placed onto the inner cylindrical surface of the housing. Note: design and dimensions see 5.3.3. The different codings provided by IEC 61076-2 and mentioned within this document, prevent the mating of accordingly coded male or female connectors to any other similarly sized interfaces, covered by other standards and the cross-mating between the different codings provided by IEC 61076-2.

Keel: en

Alusdokumendid: IEC 61076-2-010:201X; prEN IEC 61076-2-010:2020

Arvamusküsitluse lõppkuupäev: 31.05.2020

33 SIDETEHNIKA

prEN 301 489-4 V3.3.0

Raadioseadmete ja raadiosideteenistuste elektromagnetilise ühilduvuse (EMC) standard; Osa 4. Eritingimused paiksetele raadiolinkidele ja lisaseadmetele; Elektromagneetilise ühilduvuse harmoneeritud standard

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 4: Specific conditions for fixed radio links and ancillary equipment; Harmonised Standard for electromagnetic compatibility

The present document specifies technical characteristics and methods of measurement for Analogue and Digital Fixed Radio Links operating as fixed Point-to-Point, and Point-to-Multipoint systems as defined in annex B, including the associated ancillary equipment. NOTE 1: Technical specifications related to the antenna port of the radio equipment are not included in the present document. Such technical specifications are found in the relevant product standards for the effective use of the radio spectrum. The processing and protection switch, (de)modulator, transmitter, receiver, RF filters, branching networks and feeders are covered by the present document. The multiplexing and/or de-multiplexing elements are covered if they form part of the transmitter, receiver and/or transceiver. NOTE 2: The relationship between the present document and essential requirements of article 3.1b of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: Draft ETSI EN 301 489-4 V3.3.0

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 301 925 V1.5.2

Radiotelephone transmitters and receivers for the maritime mobile service operating in VHF bands; Technical characteristics and methods of measurement

The present document specifies the minimum requirements for shipborne radio transmitters and receivers for fixed installations operating in the VHF frequency bands between 156 MHz and 174 MHz used by the maritime mobile service, using both 25 kHz and 12,5 kHz channels and capable of Radiotelephony and Digital Selective Calling communications within the Global Maritime Distress and Safety System. The present document incorporates the requirements of the relevant resolutions of the International Maritime Organization (IMO) and is primarily intended to specify equipment suitable for fitting to ships subject to the SOLAS Convention and complying with the Council Directive 2014/90/EU of 23 July 2014 on marine equipment (the European Marine Equipment Directive). The present document does not address the testing of ancillary equipment on a stand-alone basis, i.e. separately from the radio equipment with which it is to be used.

Keel: en
Alusdokumendid: Draft ETSI EN 301 925 V1.5.2

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 302 890-2 V2.1.1

Intelligent Transport Systems (ITS); Facilities Layer function; Part 2: Position and Time management (PoTi); Release 2

The present document provides the specification of the Position and Time (PoTi) services. It includes functional and operational requirements for the position and time data to support ITS Applications. In addition, it includes the definition of syntax and semantics of messages exchanged between ITS-Stations (ITS-Ss) to augment the position and time accuracy. Finally, it specifies the facilities layer protocol in support of such message exchanges.

Keel: en
Alusdokumendid: Draft ETSI EN 302 890-2 V2.1.1

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 303 423 V1.2.9

Keskkonnatehnika (EE); Majapidamis ja kontori elektri- ja elektroonikaseadmed; Ühendusseadmete tarbitava võimsuse mõõtmine võrguühendusega ooteseisundis Environmental Engineering (EE); Electrical and electronic household and office equipment; Measurement of networked standby power consumption of Interconnecting equipment

1.1 Equipment in the scope of the present document The present document specifies methods of measurement of electrical power consumption in networked standby and the reporting of the results for network interconnecting equipment. Example of interconnecting equipment are in Annex B. Power consumption in standby (other than networked standby) is covered by CENELEC EN 50564, including the input voltage range. The present document also provides a method to test power management and whether it is possible to deactivate wireless network connection(s). The present document applies to electrical products with a rated input voltage of 230 V a.c. for single phase products and 400 V a.c. for three phase products. The present document is produced under the mandate M/544 and can be used to demonstrate compliance to the EU Regulation (EC) No 1275/2008 amended by Regulation 801/2013. The present document does not apply to televisions as defined in Regulation (EC) No 642/2009. NOTE 1: The EU regulation 801/2013 applies to equipment designed for use with a nominal voltage rating of 250 V and below. NOTE 2: EU regulation 801/2013 does not apply to electrical and electronic household and office equipment placed on the market with a low voltage external power supply to work as intended. NOTE 3: "Low voltage external power supply" is the definition provided in EU regulation 278/2009. NOTE 4: The measurement of energy consumption and performance of equipment during intended use are generally specified in product standards and are not covered by the present document. NOTE 5: Where the present document is referenced by more specific standards or procedures, these should define and name the relevant conditions to which this test procedure is applied. 1.2 Equipment not in the scope of the present document The present document does not apply to the measurement of electrical power consumption in networked standby for edge equipment. The edge equipment is a networked equipment that can be connected to a network and interact with that network or other devices and that does not have, as its primary function, the passing of network traffic to provide a network. Edge equipment are covered in CENELEC EN 50643.

Keel: en
Alusdokumendid: Draft ETSI EN 303 423 V1.2.9

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 303 648 V1.1.2

Reconfigurable Radio Systems (RRS); Radio Equipment (RE) reconfiguration architecture

The scope of the present document is to define the radio reconfiguration related architecture for reconfigurable Radio Equipment except for reconfigurable mobile devices which are covered in ETSI EN 303 095, ETSI EN 302 969 to ETSI EN 303 146-4. The work is based on the system requirements defined in ETSI EN 303 641 and the Use Cases defined in ETSI TR 103 062, ETSI TR 102 944, ETSI TR 103 585.

Keel: en
Alusdokumendid: Draft ETSI EN 303 648 V1.1.2

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 303 681-1 V1.1.2

Reconfigurable Radio Systems (RRS); Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture; Part 1: generalized Multiradio Interface (gMURI)

The present document defines an information model and protocol for multiradio interface for reconfigurable RE except for reconfigurable mobile devices. The work is based on the Use Cases defined in ETSI TR 103 585, on the system requirements defined in ETSI EN 303 641 and on the radio reconfiguration related architecture for reconfigurable RE defined in ETSI EN 303 648. The present document is based on ETSI EN 303 146-1 and provide a generalized interface definition for the generalized Software Reconfiguration Architecture.

Keel: en

Alusdokumendid: Draft ETSI EN 303 681-1 V1.1.2

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 303 681-2 V1.1.2

Reconfigurable Radio Systems (RRS); Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture; Part 2: generalized Reconfigurable Radio Frequency Interface (gRRFI)

The present document defines an information model and protocol for generalized reconfigurable radio frequency interface for reconfigurable REs except for reconfigurable mobile devices. The work is based on the Use Cases defined in ETSI TR 103 585, on the system requirements defined in ETSI EN 303 641 and on the radio reconfiguration related architecture for reconfigurable RE defined in ETSI EN 303 648. The present document will be based on ETSI EN 303 146-2 and provide a generalized interface definition for the generalized Reconfigurable Radio Frequency Interface.

Keel: en

Alusdokumendid: Draft ETSI EN 303 681-2 V1.1.2

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 303 681-3 V1.1.2

Reconfigurable Radio Systems (RRS); Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture; Part 3: generalized Unified Radio Application Interface (gURAI)

The scope of the present document is to define an information model and protocol for unified radio application interface for radio equipment reconfiguration except for reconfigurable mobile devices. The work is based on the Use Cases defined in ETSI TR 103 585 [i.1], on the system requirements defined in ETSI EN 303 641 and on the radio reconfiguration related architecture for reconfigurable RE defined in ETSI EN 303 648. The present document will be based on ETSI EN 303 146-3 and provide a generalized interface definition for the generalized Unified Radio Application Interface.

Keel: en

Alusdokumendid: Draft ETSI EN 303 681-3 V1.1.2

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 303 681-4 V1.1.2

Reconfigurable Radio Systems (RRS); Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture; Part 4: generalized Radio Programming Interface (gRPI)

The scope of the present document is to define the generalized Radio Programming Interface (gRPI) for radio equipment reconfiguration except for reconfigurable mobile devices. The work is based on the Use Cases defined in ETSI TR 103 585, on the system requirements defined in ETSI EN 303 641 and on the radio reconfiguration related architecture for radio equipment defined in ETSI EN 303 648. The present document will be based on ETSI EN 303 146-4 and provide a generalized interface definition for the generalized Radio Programming Interface (gRPI).

Keel: en

Alusdokumendid: Draft ETSI EN 303 681-4 V1.1.2

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 319 412-1 V1.3.4

Electronic Signatures and Infrastructures (ESI); Certificate Profiles; Part 1: Overview and common data structures

The present document provides an overview of the Recommendation ITU-T X.509 | ISO/IEC 9594-8 based certificate profiles and the statements for EU Qualified Certificates specified in other parts of ETSI EN 319 412. It specifies common data structures that are referenced from other parts of ETSI EN 319 412. The profiles specified in this multi-part deliverable aim to support both the Regulation (EU) No 910/2014 and use of certificates in a wider international context. Within the European context, it aims to support both EU Qualified Certificates and other forms of certificate.

Keel: en

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 50377-15-1

Connector sets and interconnect components to be used in optical fibre communication systems - Product specifications Part 15-1: Type MPO with 12 fibre PPS ferrules terminated on EN 60793-2 category A1a multimode fibre for 50/125 micron multimode fibre - macrobend enhanced fibre only

1.1 Product definition This document contains the initial, start of life dimensional, optical, mechanical and environmental performance requirements which a terminated and assembled 12 fibre multimode MPO connector set (plug adapter plug) meet in order for it to be categorized as an EN standard product. Since different variants are permitted, product marking details are given in 5.2. 1.2 Intermateability All products conforming to the requirements of this document will intermate and give the specified level of random attenuation and random return loss performance. The intention is that this will be true irrespective of the manufacturing source(s) of the product. 1.3 Operating environment The tests selected combined with the severity and duration are representative of a backplane/back panel indoor application derived from customer premises protected environment as defined in EN 50173 series and ISO/IEC 11801 series and specified as category C in EN IEC 61753-1. 1.4 Reliability Whilst the anticipated service life expectancy of the product in this environment is 20 years, compliance with this document does not guarantee the reliability of the product. This is expected to be predicted using a recognized reliability assessment programme. 1.5 Quality assurance Compliance with this document does not guarantee the manufacturing consistency of the product. This is expected to be maintained using a recognized quality assurance programme.

Keel: en

Alusdokumendid: prEN 50377-15-1

Asendab dokumenti: EVS-EN 50377-15-1:2011

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 50377-4-3

Connector sets and interconnect components to be used in optical fibre communication systems - Product specifications Part 4 3: Type SC/APC simplex 9° terminated on EN 60793 2 50 of type B-652.D and B-657.A singlemode fibre with full zirconia ferrule, category OP

1.1 Product definition This document contains the initial, start of life dimensional, optical, mechanical and environmental performance requirements which a connector terminated with cylindrical zirconia 9° angled PC ferrule and assembled singlemode resilient alignment sleeve SC-APC simplex connector set (plug/adaptor/plug), adaptor and patchcord meet in order for it to be categorized as an EN standard product. This document is intended to replace CECC 86 265-803. Since different variants are permitted, product marking details are given in 4.6. 1.2 Intermateability Products conforming to the requirements of this document are intended to intermate, and it is expected that the specified level of random attenuation performance will be met. The intention is that this will be true irrespective of the manufacturing source(s) of the product. 1.3 Operating environment The tests selected, combined with the severities and durations, are representative of a category OP environment described in EN IEC 61753-1. 1.4 Reliability Whilst the anticipated service life expectancy of the product in this environment is 20 years, compliance with this document does not guarantee the reliability of the product. This is expected to be predicted using a recognized reliability assessment programme. 1.5 Quality assurance Compliance with this document does not guarantee the manufacturing consistency of the product. This is expected to be maintained using a recognized quality assurance programme.

Keel: en

Alusdokumendid: prEN 50377-4-3

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 50710

Guidelines and requirements for Remote Services for fire safety and security systems

This document specifies the minimum requirements for secure remote services (e. g. via IP connections) to the following systems: a) fire safety systems including, but not limited to, fire detection and fire alarm systems, fixed firefighting systems, smoke and heat control systems, b) security systems including, but not limited to, intruder and hold-up alarm systems, electronic access control systems, external perimeter security systems and video surveillance systems, c) social alarm systems, d) a combination of such systems The scope doesn't cover: a) the alarm transmission infrastructure, b) the use of remote access performed by end-users

Keel: en

Alusdokumendid: prEN 50710

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 55035:2020

Electromagnetic compatibility of multimedia equipment - Immunity requirements

This document applies to multimedia equipment (MME) as defined in 3.1.26 and having a rated AC or DC supply voltage not exceeding 600 V. This includes MME with radio function(s). NOTE: The classification of equipment as MME does not depend on the presence or absence of a radio transmitting function, radio receiving function or radio transceiving function. MME intended for any professional use is within the scope of this document. NOTE Equipment within the scope of the former publications CISPR 20 or CISPR 24 is within the scope of this document. MME for which immunity requirements in the frequency range covered by this document are explicitly formulated in other current CISPR documents are excluded from the scope of this document. The objectives of this document are: • to establish requirements which provide an adequate level of intrinsic immunity so that the MME will operate as intended in its environment in the frequency range 0 Hz to 400 GHz; • to specify procedures that ensure the

reproducibility of tests and the repeatability of results. Due to technology convergence of the functions of MME, the performance criteria have been determined on a function-orientated basis rather than on an equipment-orientated basis.

Keel: en

Alusdokumendid: CISPR 35:201X; prEN 55035:2020

Asendab dokumenti: EVS-EN 55035:2017

Asendab dokumenti: EVS-EN 55035:2017/AC:2019

Asendab dokumenti: EVS-EN 55035:2017/prA

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN IEC 62148-15:2020

Fibre optic active components and devices - Package and interface standards - Part 15: Discrete vertical cavity surface emitting laser packages

This part of IEC 62148 covers the physical dimension and interface specifications for discrete vertical cavity surface emitting laser (VCSEL) devices in optical telecommunication and optical data transmission applications. The intent of this standard is to adequately specify the physical requirements of VCSEL devices that will enable mechanical interchangeability of laser devices or transmitters complying with this standard both at the printed circuit wiring board and for any panel-mounting requirement

Keel: en

Alusdokumendid: IEC 62148-15:202X; prEN IEC 62148-15:2020

Asendab dokumenti: EVS-EN 62148-15:2014

Arvamusküsitluse lõppkuupäev: 31.05.2020

35 INFOTEHNOLOOGIA

prEN 13321-1

Open data communication in building automation, controls and building management - Home and building electronic system - Part 1: Product and system requirements

This document specifies, as for Home or Building Electronic Systems (HBES) for the domain of Building Automation and Control System Application and Building Management (BACS), common rules for a class of multi-application bus systems where the functions are decentralised and linked through a common communication process. This document sets the basic requirements for products and systems. The requirements may also apply to the distributed functions of any equipment connected in a home or building control system if no specific standard exists for this equipment or system. Due to its reference to the EN 50090 series, this document sets requirements for the BACS area in relation to Architecture and Hardware and Application and Communication of systems based on HBES amongst other areas, and specifies the basic requirements for interoperability (between products and systems).

Keel: en

Alusdokumendid: prEN 13321-1

Asendab dokumenti: EVS-EN 13321-1:2012

Arvamusküsitluse lõppkuupäev: 31.05.2020

39 TÄPPISMEHAANIKA. JUVEELITOOTED

prEN IEC 60086-3:2020

Primary batteries - Part 3: Watch batteries

This part of IEC 60086 specifies dimensions, designation, methods of tests and requirements for primary batteries for watches. In several cases, a menu of test methods is given. When presenting battery electrical characteristics and/or performance data, the manufacturer specifies which test method was used.

Keel: en

Alusdokumendid: IEC 60086-3:201X; prEN IEC 60086-3:2020

Asendab dokumenti: EVS-EN 60086-3:2016

Arvamusküsitluse lõppkuupäev: 31.05.2020

43 MAANTEESÕIDUKITE EHITUS

prEN 13760

LPG equipment and accessories - Automotive LPG filling system for light and heavy duty vehicles - Nozzle, test requirements and dimensions

This European Standard specifies the minimum design, construction, test requirements and the critical dimensions for filling nozzles for the dispensing of automotive Liquefied Petroleum Gas (LPG) to vehicles of categories M and N, as defined in EC Directive 70/156, that are fitted with the Euro filling unit (light duty or heavy duty).

Keel: en

Alusdokumendid: prEN 13760

Asendab dokumenti: EVS-EN 13760:2003

Arvamusküsitluse lõppkuupäev: 31.05.2020

47 LAEVAEHITUS JA MERE-EHITISED

prEN ISO 7840

Small craft - Fire-resistant fuel hoses (ISO/DIS 7840:2020)

This document specifies general requirements and physical tests for fire-resistant hoses for conveying petrol or petrol blended with ethanol, and diesel fuel or diesel fuel blended with FAME, designed for a working pressure not exceeding 0,34 MPa for hoses with inner diameter up to and including 10 mm and 0,25 MPa for hoses up to 63 mm inner diameter in craft of hull length up to 24 m. It applies to hoses for small craft with permanently installed fuel systems. It does not apply to hoses entirely within the splash well at the stern of the craft connected directly to an outboard engine. Specifications for non-fire-resistant fuel hoses are given in ISO 8469: 2013 Specifications for permanently installed fuel systems are given in ISO 10088:2013.

Keel: en

Alusdokumendid: ISO/DIS 7840; prEN ISO 7840

Asendab dokumenti: EVS-EN ISO 7840:2018

Arvamusküsitluse lõppkuupäev: 31.05.2020

53 TÖSTE- JA TEISALDUS-SEADMED

EN 16952:2018/prA1

Agricultural machinery - Rough-terrain Work Platforms for Orchard's operations (WPO) - Safety

1.1 This European Standard, when used together with EN ISO 4254 1 and EN 15811, specifies safety requirements and measures for self-propelled rough-terrain work platforms for orchard's operations (WPO) operating at a maximum of 3 m high as defined in 3.1, where the vertical projection of the centre of the area of the platform in all platform configurations at the maximum chassis inclination specified by the manufacturer is always inside the tipping lines, used in agriculture, designed to work on unimproved natural terrain and/or disturbed terrain and intended to move at least two persons to working positions in an orchard where they are carrying out fruit picking, thinning out, pruning, or other operations related to orchard from the work platform. NOTE For examples of rough-terrain work platforms for orchard's operations (WPO), see Figures E. 1 to E.3. This European Standard describes methods for the elimination or reduction of hazards arising from the intended use of these machines in the course of normal operation and service, except hazards related to conveyor belts and elevators for the bin. In addition, it specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer. When requirements of this document are different from those which are stated in EN ISO 4254 1, the requirements of this document take precedence over the requirements of EN ISO 4254 1 for machines that have been designed and built according to the provisions of this document. This European Standard, taken together with EN ISO 4254 1 and EN 15811, deals with all the significant hazards, hazardous situations and events (as listed in Table 1) relevant to WPOs, when they are used as intended and under the conditions of misuse foreseeable by the manufacturer. It does not cover the hazards arising from: a) use in potentially explosive atmospheres; b) getting on and off the work platform at changing levels; c) environmental aspects; d) road safety. 1.2 This European Standard does not apply to: a) Mobile Elevating Work Platforms (MEWPs) (see EN 280); NOTE 1 Figure E.4 gives an example of this type of machine. b) boom-type MEWPs (see EN 280); NOTE 2 Figure E.5 and E.6 give examples of this type of machine. c) tail lifts (see EN 1756-1 and EN 1756-2); d) mast climbing work platforms (see EN 1495); e) lifting tables (see EN 1570-1); f) aircraft ground support equipment (see e.g. EN 1915-1 and EN 1915-2); g) elevating operator positions on industrial trucks (see EN 1726-2); h) unguided work cages suspended from lifting appliances (see e.g. EN 1808); i) machines having centre of the area of the platform outside the tipping lines. NOTE 3 Figure E.7 gives an example of this type of machine.

Keel: en

Alusdokumendid: EN 16952:2018/prA1

Muudab dokumenti: EVS-EN 16952:2018

Arvamusküsitluse lõppkuupäev: 31.05.2020

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 17226-1

Leather - Chemical determination of formaldehyde content - Part 1: Method using liquid chromatography (ISO/DIS 17226-1:2020)

This document specifies a method for the determination of free and released formaldehyde in leathers. This method, based on liquid chromatography (LC), is selective and not sensitive to coloured extracts and is intended to be used for precise quantification of formaldehyde. The formaldehyde content is taken to be the quantity of free-formaldehyde and formaldehyde extracted through hydrolysis contained in a water extract from the leather under standard conditions of using

Keel: en

Alusdokumendid: ISO/DIS 17226-1; prEN ISO 17226-1

Asendab dokumenti: EVS-EN ISO 17226-1:2019

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 20743

Textiles - Determination of antibacterial activity of textile products (ISO/DIS 20743:2020)

This International Standard specifies quantitative test methods to determine the antibacterial activity of all antibacterial textile products including nonwovens. This International Standard is applicable to all textile products, including cloth, wadding, thread and material for clothing, bedclothes, home furnishings and miscellaneous goods, regardless of the type of antibacterial agent used (organic, inorganic, natural or man-made) or the method of application (built-in, after-treatment or grafting). Based on the

intended application and on the environment in which the textile product is to be used and also on the surface properties of the textile properties, the user can select the most suitable of the following three inoculation methods on determination of antibacterial activity: a) absorption method (an evaluation method in which the test bacterial suspension is inoculated directly onto specimens); b) transfer method (an evaluation method in which test bacteria are placed on an agar plate and transferred onto specimens); c) printing method (an evaluation method in which test bacteria are placed on a filter and printed onto specimens). The colony plate count method and the ATP (ATP = Adenosine Tri-phosphate) luminescence method are also specified for measuring the enumeration of bacteria.

Keel: en

Alusdokumendid: ISO/DIS 20743; prEN ISO 20743

Asendab dokumenti: EVS-EN ISO 20743:2013

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 25619-1

Geosynthetics - Determination of compression behaviour - Part 1: Compressive creep properties (ISO/DIS 25619-1:2020)

This document specifies index test methods for determining the compressive creep properties of geosynthetic products. The test specimens are subjected either to normal compressive loading or to a combination of normal compressive loading and shear loading. The test method with a normal load only (see Clause 5) is the standard method. The test method in which combined normal and shear loads are applied (see Clause 6) is intended for products that are sensitive to shear failure, i.e. which have a columnar or cusped structure. The tests are carried out on dry specimens or on specimens immersed in water. The test is intended to be carried out with the specimen immersed in water when any part of the geosynthetic product contains a hydrophilic polymer.

Keel: en

Alusdokumendid: ISO/DIS 25619-1; prEN ISO 25619-1

Asendab dokumenti: EVS-EN ISO 25619-1:2009

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 9073-4

Textiles - Test methods for nonwovens - Part 4: Determination of tear resistance (ISO/DIS 9073-4:2020)

This document specifies a method for the determination of tear resistance of nonwovens by the trapezoid method.

Keel: en

Alusdokumendid: ISO/DIS 9073-4; prEN ISO 9073-4

Asendab dokumenti: EVS-EN ISO 9073-4:2000

Arvamusküsitluse lõppkuupäev: 31.05.2020

65 PÖLLUMAJANDUS

EN 16952:2018/prA1

Agricultural machinery - Rough-terrain Work Platforms for Orchard's operations (WPO) - Safety

1.1 This European Standard, when used together with EN ISO 4254 1 and EN 15811, specifies safety requirements and measures for self-propelled rough-terrain work platforms for orchard's operations (WPO) operating at a maximum of 3 m high as defined in 3.1, where the vertical projection of the centre of the area of the platform in all platform configurations at the maximum chassis inclination specified by the manufacturer is always inside the tipping lines, used in agriculture, designed to work on unimproved natural terrain and/or disturbed terrain and intended to move at least two persons to working positions in an orchard where they are carrying out fruit picking, thinning out, pruning, or other operations related to orchard from the work platform. NOTE For examples of rough-terrain work platforms for orchard's operations (WPO), see Figures E. 1 to E.3. This European Standard describes methods for the elimination or reduction of hazards arising from the intended use of these machines in the course of normal operation and service, except hazards related to conveyor belts and elevators for the bin. In addition, it specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer. When requirements of this document are different from those which are stated in EN ISO 4254 1, the requirements of this document take precedence over the requirements of EN ISO 4254 1 for machines that have been designed and built according to the provisions of this document. This European Standard, taken together with EN ISO 4254 1 and EN 15811, deals with all the significant hazards, hazardous situations and events (as listed in Table 1) relevant to WPOs, when they are used as intended and under the conditions of misuse foreseeable by the manufacturer. It does not cover the hazards arising from: a) use in potentially explosive atmospheres; b) getting on and off the work platform at changing levels; c) environmental aspects; d) road safety. 1.2 This European Standard does not apply to: a) Mobile Elevating Work Platforms (MEWPs) (see EN 280); NOTE 1 Figure E.4 gives an example of this type of machine. b) boom-type MEWPs (see EN 280); NOTE 2 Figure E.5 and E.6 give examples of this type of machine. c) tail lifts (see EN 1756-1 and EN 1756-2); d) mast climbing work platforms (see EN 1495); e) lifting tables (see EN 1570-1); f) aircraft ground support equipment (see e.g. EN 1915-1 and EN 1915-2); g) elevating operator positions on industrial trucks (see EN 1726-2); h) unguided work cages suspended from lifting appliances (see e.g. EN 1808); i) machines having centre of the area of the platform outside the tipping lines. NOTE 3 Figure E.7 gives an example of this type of machine.

Keel: en

Alusdokumendid: EN 16952:2018/prA1

Muudab dokumenti: EVS-EN 16952:2018

Arvamusküsitluse lõppkuupäev: 31.05.2020

67 TOIDUAINETE TEHNOLOOGIA

prEN ISO 4120

Sensory analysis - Methodology - Triangle test (ISO/DIS 4120:2020)

This International Standard describes a procedure for determining whether a perceptible sensory difference or similarity exists between samples of two products. The method is a forced-choice procedure. The method is applicable whether a difference exists in a single sensory attribute or in several attributes. The method is statistically more efficient than the duo-trio test (described in ISO 10399), but has limited use with products that exhibit strong carryover and/or lingering flavours. The method is applicable even when the nature of the difference is unknown [i.e. it determines neither the size nor the direction of difference between samples, nor is there any indication of the attribute(s) responsible for the difference]. The method is applicable only if the products are fairly homogeneous. The method is effective for a) determining that — either a perceptible difference results (triangle testing for difference), or — a perceptible difference does not result (triangle testing for similarity) when, for example, a change is made in ingredients, processing, packaging, handling or storage; b) or for selecting, training and monitoring assessors.

Keel: en

Alusdokumendid: ISO/DIS 4120; prEN ISO 4120

Asendab dokumenti: EVS-EN ISO 4120:2008

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 6540

Maize - Determination of moisture content (on milled grains and on whole grains) (ISO/DIS 6540:2020)

This section specifies the reference method for the determination of the moisture content of maize grains and maize semolina.

Keel: en

Alusdokumendid: ISO/DIS 6540; prEN ISO 6540

Asendab dokumenti: EVS-EN ISO 6540:2010

Arvamusküsitluse lõppkuupäev: 31.05.2020

71 KEEMILINE TEHNOLOOGIA

prEN 1018

Chemicals used for treatment of water intended for human consumption - Calcium carbonate

This European Standard is applicable to calcium carbonate used for treatment of water intended for human consumption. It describes the characteristics of calcium carbonate and specifies the requirements and the corresponding test methods for calcium carbonate. It gives information on its use in water treatment.

Keel: en

Alusdokumendid: prEN 1018

Asendab dokumenti: EVS-EN 1018:2013+A1:2015

Arvamusküsitluse lõppkuupäev: 31.05.2020

75 NAFTA JA NAFTATEHNOLOOGIA

prEN 13760

LPG equipment and accessories - Automotive LPG filling system for light and heavy duty vehicles - Nozzle, test requirements and dimensions

This European Standard specifies the minimum design, construction, test requirements and the critical dimensions for filling nozzles for the dispensing of automotive Liquefied Petroleum Gas (LPG) to vehicles of categories M and N, as defined in EC Directive 70/156, that are fitted with the Euro filling unit (light duty or heavy duty).

Keel: en

Alusdokumendid: prEN 13760

Asendab dokumenti: EVS-EN 13760:2003

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 17278

Natural gas vehicles - Vehicle fuelling appliances

This document covers the design and manufacturing, installation and testing, operation and maintenance for vehicle fuelling appliances (VFAs) – the assemblies of the pressure equipment with limited technical parameters, intended for the non-commercial fuelling of natural gas vehicles (NGVs) with compressed natural gas (CNG). This document is applicable to VFAs supplied with natural gas as defined in local applicable gas composition regulations or EN 16723-2, or with other gases meeting these requirements including biomethane, upgraded coal-bed methane (CBM) and gas from liquefied natural gas (LNG) vaporizer (on-site or off-site). In case of combination of the certified VFA assembly with additional equipment, such as external storage and/or dispenser, EN ISO 16923 applies to the new assembly - the certified VFA assembly with added external equipment. In case of combinations of interconnected VFA assemblies, EN ISO 16923 applies to the whole new assembly of the certified VFA assemblies.

Keel: en

Alusdokumendid: prEN 17278

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 16559

Solid biofuels - Terminology, definitions and descriptions (ISO/DIS 16559:2020)

This international standard determines the terminology and definitions for solid biofuels. According to the scope of the ISO/TC 238 this standard only includes raw and processed material originating from — forestry and arboriculture, — agriculture and horticulture, — aquaculture NOTE 1 Raw and processed material includes woody, herbaceous, fruit and aquatic biomass from the sectors mentioned above. NOTE 2 Chemically treated material does not include halogenated organic compounds or heavy metals at levels higher than those in typical virgin material values or higher than typical values of the country of origin. Materials originating from different recycling processes of end-of-life-products are not within the scope but relevant terms are included for information. Areas covered by ISO/TC28/SC7 “Liquid biofuels” and ISO/TC193 “Natural gas” are excluded. Other standards with a different scope than this International Standard may have different definitions than this standard.

Keel: en

Alusdokumendid: ISO/DIS 16559; prEN ISO 16559

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 19901-5

Petroleum and natural gas industries - Specific requirements for offshore structures - Part 5: Weight management (ISO/DIS 19901-5:2020)

This document specifies requirements for managing and controlling the weight and centre of gravity (CoG) of offshore facilities by means of mass management during all lifecycle phases; including conceptual design, front end engineering, detail engineering, onshore/inshore construction, and offshore installation. These facilities can be completely new installations (Greenfield) or the modifications to existing installations (Brownfield). It is also necessary to continue managing and controlling weight throughout operations, decommissioning and removal to facilitate Structural Integrity Management (SIM) and to assist with removal of facilities during decommissioning. The provisions are applicable to offshore facilities of all types (fixed and floating). Only items with mass shall be addressed. Loads not related to mass shall be omitted. See ISO 19904-1, ISO 19901-6 and ISO 19901-7. Weights from mass of snow and ice are not to be included as they are not part of a facility. This document specifies: a) managing and controlling weights and CoGs for components and entire facilities; b) managing weight and CoG interfaces; c) standardised terminology for weight and CoG estimating and reporting; d) requirements for determining Not To Exceed (NTE) weights and budget weights; e) weighing and determination of weight and CoG of tagged equipment, major assemblies, modules and facilities; This document can be used as a basis for: a) costing, scheduling or determining suitable construction method(s) or location(s); b) planning, evaluating and presenting the client's, contractor's or fabricator's weight management and reporting system; c) as a contract reference between client, contractor and suppliers; d) as a means of refining the structural analysis or model.

Keel: en

Alusdokumendid: ISO/DIS 19901-5; prEN ISO 19901-5

Asendab dokumenti: EVS-EN ISO 19901-5:2016

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 21640

Solid recovered fuels - Specifications and classes (ISO/DIS 21640:2020)

This International Standard specifies a classification system for solid recovered fuels (SRF) and a template for the specification of their properties. SRF are produced from non-hazardous waste. Excluded: — untreated municipal solid waste — Solid Biofuels included in the scope of ISO TC238

Keel: en

Alusdokumendid: ISO/DIS 21640; prEN ISO 21640

Asendab dokumenti: EVS-EN 15359:2011

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 22854

Liquid petroleum products - Determination of hydrocarbon types and oxygenates in automotive-motor gasoline and in ethanol (E85) automotive fuel - Multidimensional gas chromatography method (ISO/DIS 22854:2020)

This document specifies the gas chromatographic (GC) method for the determination of saturated, olefinic and aromatic hydrocarbons in automotive motor gasoline and ethanol (E85) automotive fuel. Additionally, the benzene content, oxygenate compounds and the total oxygen content can be determined. NOTE 1 For the purposes of this document, the terms % (m/m) and % (V/V) are used to represent respectively the mass fraction, μ , and the volume fraction, ϕ . This document defines two procedures, A and B. Procedure A is applicable to automotive motor gasoline with total aromatics of up to 50 % (V/V); total olefins from about 1,5 % (V/V) up to 30 % (V/V); oxygenates from 0,8 % (V/V) up to 15 % (V/V); total oxygen from about 1,5 % (m/m) to about 3,7 % (m/m); and benzene of up to 2 % (V/V). The system can be used for ethers with 5 or more C atoms up to 22 % (V/V) but the precision has not been established up to this level. Although this test method can be used to determine higher-olefin contents of up to 50 % (V/V), the precision for olefins was tested only in the range from about 1,5 % (V/V) to about 30 % (V/V). Although specifically developed for the analysis of automotive motor gasoline that contains oxygenates, this test method can also be applied to other hydrocarbon streams having similar boiling ranges, such as naphthas and reformates. NOTE 2 For Procedure A, precision data have been established for the oxygenate compounds in automotive motor gasoline samples containing ethyl-tert-butyl ether (ETBE), methyl-tert-butyl ether (MTBE), tert-amyl-methyl ether (TAME), iso-propanol, iso-butanol, tert-butanol, methanol and ethanol. The derived precision data for methanol do not comply with the precision calculation as presented in this document.

Applicability of this document has also been verified for the determination of n-propanol, acetone, and di-isopropyl ether (DIPE). However, no precision data have been determined for these compounds. Procedure B describes the procedure for the analysis of oxygenated groups (ethanol, methanol, ethers, C3 – C5 alcohols) in ethanol (E85) automotive fuel containing ethanol between 50 % (V/V) and 85 % (V/V). The gasoline is diluted with an oxygenate-free component to lower the ethanol content to a value below 20 % (V/V) before the analysis by GC. If the ethanol content is unknown, it is advisable to use a dilution of 4:1 when analysing the sample. The sample can be fully analysed including hydrocarbons. Precision data for the diluted sample are only available for the oxygenated groups. NOTE 3 For Procedure B, the precision can be used for an ethanol fraction from about 50 % (V/V) up to 85 % (V/V). For the ether fraction, the precision as specified in Table 6 can be used for samples containing at least 11 % (V/V) of ethers. For the higher alcohol fraction, too few data were obtained to derive a full precision statement and the data presented in Table 6 are therefore only indicative. NOTE 4 While developing this test method, the final boiling point was limited to 215 °C. NOTE 5 An overlap between C9 and C10 aromatics can occur. However, the total is accurate. Isopropyl benzene is resolved from the C8 aromatics and is included with the other C9 aromatics.

Keel: en

Alusdokumendid: ISO/DIS 22854; prEN ISO 22854

Asendab dokumenti: EVS-EN ISO 22854:2016

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 23251

Petroleum, petrochemical and natural gas industries - Pressure-relieving and depressuring systems (ISO 23251:2019)

This document is applicable to pressure-relieving and vapour depressuring systems. Although intended for use primarily in oil refineries, it is also applicable to petrochemical facilities, gas plants, Liquefied Natural Gas (LNG) facilities and oil and gas production facilities. The information provided is designed to aid in the selection of the system that is most appropriate for the risks and circumstances involved in various installations. This document supplements API Std 521, 6th edition (2014), the requirements of which are applicable with the exceptions specified in this document.

Keel: en

Alusdokumendid: ISO 23251:2019; prEN ISO 23251

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 9038

Determination of sustained combustibility of liquids (ISO/DIS 9038:2020)

This document specifies a procedure, at temperatures up to 100 °C, to determine whether or not a liquid product, that would be classified as "flammable" by virtue of its flash point, sustains combustion at the temperature or temperatures specified in the appropriate regulations. NOTE 1 Many national and international regulations classify liquids as presenting a flammable hazard on the basis of their flash point, as determined by a recognized method. Some of these regulations allow a derogation if the substance cannot "sustain combustion" at some specified temperature or temperatures. NOTE 2 In connection with the United Nations recommendations on the Transport of Dangerous Goods as well as with the Globally Harmonized System of Classification and Labelling of Chemicals, and also with derived national/EC regulations, temperatures of 60,5 °C and 75,0 °C are specified for this test.[1][2] The procedure is applicable to paints (including water-borne paints), varnishes, paint binders, solvents, petroleum or related products and adhesives, which have a flash point. It is not applicable to painted surfaces in respect of assessing their potential fire hazards. This test method is applicable, in addition to test methods for flash point, for assessing the fire hazard of a product. NOTE 3 Particular care needs to be taken in translating results from this test method to large scale (real life) situations, as liquids in large quantities can behave in different ways to small samples.

Keel: en

Alusdokumendid: prEN ISO 9038; ISO/DIS 9038:2020

Asendab dokumenti: EVS-EN ISO 9038:2013

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEVS 652

Põlevkiviõlid. Tahkete lisandite ja tuhasuse määramise meetod

Shale oils - Method for determination of sediment content and ash

Selles Eesti standardis kirjeldatakse tahkete lisandite ja tuhasuse määramise meetodit. Käesolev standard kehtib põlevkivi termilisel töötlemisel saadud õlide kohta.

Keel: et

Asendab dokumenti: EVS 652:1994

Arvamusküsitluse lõppkuupäev: 31.05.2020

77 METALLURGIA

prEN ISO 15349-2

Unalloyed steel - Determination of low carbon content - Part 2: Infrared absorption method after combustion in an induction furnace (with preheating) (ISO/DIS 15349-2:2020)

This document specifies an infrared absorption method after combustion in an induction furnace for the determination of the low carbon content in unalloyed steel. The method is applicable to carbon mass fraction contents between 0,000 3 % and 0,009 % .

Keel: en

Alusdokumendid: ISO/DIS 15349-2; prEN ISO 15349-2
Asendab dokumenti: EVS-EN ISO 15349-2:2004

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 23063

Foundry machinery - Safety requirements for high pressure die casting machines (ISO/DIS 23063:2020)

This document applies to high pressure die casting machines: a) hot-chamber die casting machines (horizontal or vertical die closing system), and b) horizontal/vertical cold-chamber die casting machines (horizontal or a vertical die closing system). It applies to high pressure die casting units, i.e., high pressure die casting machines (HPDCM) and their interfaces with the following ancillary equipment: c) die, d) melting, holding and dosing furnaces (see ISO 13577-1), e) metal feeding equipment, f) inserting and removal devices, g) spraying appliances, h) heat exchanger for the die. This ancillary equipment itself is not covered. Additional risks arising from the material being cast are not covered. This standard does not apply to low pressure die casting machines and/or gravity die casting machines. This standard deal with all significant hazards, hazardous situations and events relevant to pressure die casting machines when used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). It provides the requirements to be met by the manufacturer to ensure the safety of persons and property during transport, commissioning, use, de-commissioning and maintenance periods, as well as in the event of foreseeable failures or malfunctions that can occur in the equipment

Keel: en

Alusdokumendid: ISO/DIS 23063; prEN ISO 23063
Asendab dokumenti: EVS-EN 869:2006+A1:2009

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 6931-1

Stainless steels for springs - Part 1: Wire (ISO 6931-1:2016)

ISO 6931-1:2016 specifies the grades of stainless steels which are generally used in the cold drawn condition in the form of wire of circular cross-section up to 10,00 mm in diameter, for the production of springs and spring parts exposed to corrosive effects and sometimes to slightly increased temperatures (see Annex A). Certain steel grades covered by ISO 16143-2 are also used for springs, although to a much lesser extent. In these cases, the mechanical properties (tensile strength, etc.) will be agreed between purchaser and supplier. Similarly, diameters between 10,00 mm and 15,00 mm can be ordered according to the specifications of this part of ISO 6931, in which case the parties will agree upon the required mechanical characteristics. In addition to the specifications of this part of ISO 6931, the general technical delivery requirements of ISO 404 are applicable.

Keel: en

Alusdokumendid: ISO 6931-1:2016; prEN ISO 6931-1
Asendab dokumenti: EVS-EN 10270-3:2011

Arvamusküsitluse lõppkuupäev: 31.05.2020

83 KUMMI- JA PLASTITÖÖSTUS

prEN 12613

Plastics warning devices for underground cables and pipelines with visual characteristics

This document specifies the material, mechanical and functional (fitness for purpose) requirements for warning devices with visual characteristics manufactured from plastics, intended to indicate the presence of cables and piping systems buried in ground when opening trenches and more generally during digging work. This document also specifies the test methods referred to in this document. This document is applicable to two types of visual warning devices: tapes (type 1) and meshes (type 2).

Keel: en

Alusdokumendid: prEN 12613
Asendab dokumenti: EVS-EN 12613:2009

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 15344

Plastics - Recycled plastics - Characterisation of Polyethylene (PE) recyclates

This document defines a method of specifying delivery conditions for polyethylene (PE) recyclates. It gives the most important characteristics and associated test methods for assessing PE recyclates intended for use in the production of semi-finished/finished products. It is intended to support parties involved in the use of recycled PE to agree on specifications for specific and generic applications. This document is applicable without prejudice to any existing legislation. This document does not cover the characterization of plastics wastes (see EN 15347).

Keel: en

Alusdokumendid: prEN 15344
Asendab dokumenti: EVS-EN 15344:2007

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 16980-1**Photocatalysis - Continuous flow test methods - Part 1: Determination of the degradation of nitric oxide (NO) in the air by photocatalytic materials**

This document describes a method for assessing the performance of photocatalytic inorganic materials contained in cement mortars and/or limes or ceramic-based matrices, paints or materials deposited as thin films or coatings on a variety of substrates for the photocatalytic abatement of nitric oxide in the gas phase. This method is not suitable for the assessment of samples to be applied with flow perpendicular to the surface or flow permeating the surface itself as polymeric and paper filters, honeycomb structures and suchlike. The performance for the photocatalytic sample under test is evaluated by measuring the degradation rate of nitric oxide (NO) using the method described herein. The photocatalytic abatement rate is calculated from the observed rate by eliminating the effects of mass transfer. The intrinsic photocatalytic abatement rate is an intrinsic property of the material tested and makes it possible to distinguish the photocatalytic activities of various products with an absolute scale defined with physical and engineering meaning. For the measurements and calculations described in this document the concentration of nitrogen oxides (NO_x) is defined as the stoichiometric sum of nitric oxide (NO) and nitrogen dioxide (NO₂).

Keel: en

Alusdokumendid: prEN 16980-1

Asendab dokumenti: CEN/TS 16980-1:2016

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 4629-3**Binders for paints and varnishes - Determination of hydroxyl value - Part 3: Rapid test (ISO 4629-3:2018)**

This document specifies a titrimetric method for determining the hydroxyl groups in resins and binders for paints and varnishes. This method is primarily suitable for neutral media. Acidic products provide higher values; neutral products provide, through neutralization of the acidic carbamates, lower values. For these products, preliminary tests are performed to ensure the applicability of the method.

Keel: en

Alusdokumendid: ISO 4629-3:2018; prEN ISO 4629-3

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 9038**Determination of sustained combustibility of liquids (ISO/DIS 9038:2020)**

This document specifies a procedure, at temperatures up to 100 °C, to determine whether or not a liquid product, that would be classified as "flammable" by virtue of its flash point, sustains combustion at the temperature or temperatures specified in the appropriate regulations. NOTE 1 Many national and international regulations classify liquids as presenting a flammable hazard on the basis of their flash point, as determined by a recognized method. Some of these regulations allow a derogation if the substance cannot "sustain combustion" at some specified temperature or temperatures. NOTE 2 In connection with the United Nations recommendations on the Transport of Dangerous Goods as well as with the Globally Harmonized System of Classification and Labelling of Chemicals, and also with derived national/EC regulations, temperatures of 60,5 °C and 75,0 °C are specified for this test.[1][2] The procedure is applicable to paints (including water-borne paints), varnishes, paint binders, solvents, petroleum or related products and adhesives, which have a flash point. It is not applicable to painted surfaces in respect of assessing their potential fire hazards. This test method is applicable, in addition to test methods for flash point, for assessing the fire hazard of a product. NOTE 3 Particular care needs to be taken in translating results from this test method to large scale (real life) situations, as liquids in large quantities can behave in different ways to small samples.

Keel: en

Alusdokumendid: prEN ISO 9038; ISO/DIS 9038:2020

Asendab dokumenti: EVS-EN ISO 9038:2013

Arvamusküsitluse lõppkuupäev: 31.05.2020

EN 206:2013+A1:2016/prA2:2020**Concrete - Specification, performance, production and conformity**

Amendment for EN 206:2013+A1:2016

Keel: en

Alusdokumendid: EN 206:2013+A1:2016/prA2:2020

Muudab dokumenti: EVS-EN 206:2014+A1:2016

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 15805**Particulate air filters for general ventilation - Standardised dimensions**

This European Standard specifies the header frame dimensions of air filters for general ventilation to be used in air handling units, air intake system filters for rotary machinery and other applications. This includes pocket filters, rigid (V type) filters and filters to which header frame dimensions are applicable.

Keel: en
Alusdokumendid: prEN 15805
Asendab dokumenti: EVS-EN 15805:2010

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 16980-1

Photocatalysis - Continuous flow test methods - Part 1: Determination of the degradation of nitric oxide (NO) in the air by photocatalytic materials

This document describes a method for assessing the performance of photocatalytic inorganic materials contained in cement mortars and/or limes or ceramic-based matrices, paints or materials deposited as thin films or coatings on a variety of substrates for the photocatalytic abatement of nitric oxide in the gas phase. This method is not suitable for the assessment of samples to be applied with flow perpendicular to the surface or flow permeating the surface itself as polymeric and paper filters, honeycomb structures and suchlike. The performance for the photocatalytic sample under test is evaluated by measuring the degradation rate of nitric oxide (NO) using the method described herein. The photocatalytic abatement rate is calculated from the observed rate by eliminating the effects of mass transfer. The intrinsic photocatalytic abatement rate is an intrinsic property of the material tested and makes it possible to distinguish the photocatalytic activities of various products with an absolute scale defined with physical and engineering meaning. For the measurements and calculations described in this document the concentration of nitrogen oxides (NO_x) is defined as the stoichiometric sum of nitric oxide (NO) and nitrogen dioxide (NO₂).

Keel: en
Alusdokumendid: prEN 16980-1
Asendab dokumenti: CEN/TS 16980-1:2016

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 17392-1

Sustainability of construction works - Environmental product declarations - Core rules for road materials - Part 1: Bituminous mixtures

This document provides core product category rules for type III environmental declaration of bituminous materials for building and civil engineering according to EN 13108-1, EN 13108-2, EN 13108-3, EN 13108-4, EN 13108-5, EN 13108-6, EN 13108-7, EN 13108-9, and prEN 13108-31. The approach taken for these PCR may be considered applicable and adaptable for other bitumen based products. This document defines the parameters to be reported, what EPD types (and life cycle stages) to be covered, what rules to be followed in order to generate Life Cycle Inventories (LCI) and conduct Life Cycle Impact Assessment (LCIA) and the data quality to be used in the development of EPDs. In addition to the common parts of EN 15804, this document for bituminous materials: - defines the system boundaries; - defines the modelling and assessment of material-specific characteristics; - defines allocation procedures for multi-output processes along the production chain; - includes the rules for calculating the LCI and the LCIA underlying the EPD; - provides guidance for the determination of the reference service life (RSL); - gives guidance on the establishment of default scenarios. Principles used: - PCR covering bituminous materials; - from cradle to beyond the building life cycle based on EN 15804; - polluter pays: processes of waste processing shall be assigned to the product system that generates the waste until the end-of-waste state is reached; - EPD will be based on declared units (e.g. tonnes of material) and not functional units (e.g. km of road); - abiotic depletion potential of aggregate should be declared when relevant; - all use of inert material in the quarry: reclamation, sound and dust protection have to be included in stages A1 to A3 of the EPD; - data quality will be described (e.g. Average yearly value, average 10 years value, or maximum value ever encountered). NOTE The Use stage, Informative Module B, depends on the use scenario and this depends on the type of road it is used for, the width of the road, the width of the lane, the total pavement structure and substrate for which the pavement layer it is used, the climate conditions, the maximum and minimum pavement temperatures, the traffic intensity and the number of weights of the axle loadings, etc. The use scenario details are determined by the buyer / user of the bituminous mixture. Therefore, only examples on typical maintenance scenarios are given. This guideline provides PCRs that can be applied for a particular asphalt mixture, from a specific asphalt plant with a specific production temperature. Hence, the design of the asphalt mixture is necessary to produce the specific EPD.

Keel: en
Alusdokumendid: prEN 17392-1

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 11855-1

Building environment design - Embedded radiant heating and cooling systems - Part 1: Definitions, symbols, and comfort criteria (ISO/DIS 11855-1:2020)

This part of ISO 11855 specifies the basic definitions, symbols, and comfort criteria for embedded radiant heating and cooling systems. The ISO 11855 series is applicable to water based embedded surface heating and cooling systems in residential, commercial and industrial buildings. The methods apply to systems integrated into the wall, floor or ceiling construction without any open air gaps. It does not apply to panel systems with open air gaps which are not integrated into the building structure. The ISO 11855 series also applies, as appropriate, to the use of fluids other than water as a heating or cooling medium. The ISO 11855 series is not applicable for testing of systems. The methods do not apply to heated or chilled ceiling panels or beams.

Keel: en
Alusdokumendid: ISO/DIS 11855-1; prEN ISO 11855-1
Asendab dokumenti: EVS-EN ISO 11855-1:2015

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 11855-2

Building environment design - Embedded radiant heating and cooling systems - Part 2: Determination of the design heating and cooling capacity (ISO/DIS 11855-2:2020)

This part of ISO 11855 specifies procedures and conditions to enable the heat flow in water based surface heating and cooling systems to be determined relative to the medium differential temperature for systems. The determination of thermal performance of water based surface heating and cooling systems and their conformity to this part of ISO 11855 is carried out by calculation in accordance with design documents and a model. This should enable a uniform assessment and calculation of water based surface heating and cooling systems. The surface temperature and the temperature uniformity of the heated/cooled surface, nominal heat flux between water and space, the associated nominal medium differential temperature, and the field of characteristic curves for the relationship between heat flux and the determining variables are given as the result. This part of ISO 11855 includes a general method based on Finite Difference or Finite Element Methods and simplified calculation methods depending on position of pipes and type of building structure. The ISO 11855 series is applicable to water based embedded surface heating and cooling systems in residential, commercial and industrial buildings. The methods apply to systems integrated into the wall, floor or ceiling construction without any open air gaps. It does not apply to panel systems with open air gaps which are not integrated into the building structure. The ISO 11855 series also applies, as appropriate, to the use of fluids other than water as a heating or cooling medium. The ISO 11855 series is not applicable for testing of systems. The methods do not apply to heated or chilled ceiling panels or beams.

Keel: en

Alusdokumendid: ISO/DIS 11855-2; prEN ISO 11855-2

Asendab dokumenti: EVS-EN ISO 11855-2:2015

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 11855-3

Building environment design - Embedded radiant heating and cooling systems - Part 3: Design and dimensioning (ISO/DIS 11855-3:2020)

This part of ISO 11855 establishes a system design and dimensioning method to ensure the heating and cooling capacity of the radiant heating and cooling systems. The ISO 11855 series is applicable to water based embedded surface heating and cooling systems in residential, commercial and industrial buildings. The methods apply to systems integrated into the wall, floor or ceiling construction without any open air gaps. It does not apply to panel systems with open air gaps which are not integrated into the building structure. The ISO 11855 series applies also, as appropriate, to the use of fluids other than water as a heating or cooling medium. The ISO 11855 series is not applicable for testing of systems. The methods do not apply to heated or chilled ceiling panels or beams.

Keel: en

Alusdokumendid: ISO/DIS 11855-3; prEN ISO 11855-3

Asendab dokumenti: EVS-EN ISO 11855-3:2015

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 11855-4

Building environment design - Embedded radiant heating and cooling systems - Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity of Thermo Active Building Systems (TABS) (ISO/DIS 11855-4:2020)

This part of ISO 11855 allows the calculation of peak cooling capacity of Thermo Active Building Systems (TABS), based on heat gains, such as solar gains, internal heat gains, and ventilation, and the calculation of the cooling power demand on the water side, to be used to size the cooling system, as regards the chiller size, fluid flow rate, etc. This part of ISO 11855 defines a detailed method aimed at the calculation of heating and cooling capacity in non-steady state conditions. The ISO 11855 series is applicable to water based embedded surface heating and cooling systems in residential, commercial and industrial buildings. The methods apply to systems integrated into the wall, floor or ceiling construction without any open air gaps. It does not apply to panel systems with open air gaps which are not integrated into the building structure. The ISO 11855 series also applies, as appropriate, to the use of fluids other than water as a heating or cooling medium. The ISO 11855 series is not applicable for testing of systems. The methods do not apply to heated or chilled ceiling panels or beams.

Keel: en

Alusdokumendid: ISO/DIS 11855-4; prEN ISO 11855-4

Asendab dokumenti: EVS-EN ISO 11855-4:2015

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 13259

Thermoplastics piping systems for underground non-pressure applications - Test method for leaktightness of elastomeric sealing ring type joints (ISO/FDIS 13259:2020)

This document specifies a test method for determining the leaktightness of elastomeric sealing ring type joints for buried thermoplastics non-pressure piping systems. Unless otherwise specified in the referring standard, the tests are carried out at the following basic test pressures: — p1: internal negative air pressure (partial vacuum); — p2: a low internal hydrostatic pressure; — p3: a higher internal hydrostatic pressure. It also describes the following four test conditions under which the tests are performed: a) Condition A: without any additional diametric or angular deflection; b) Condition B: with diametric deflection; c) Condition C: with angular deflection; d) Condition D: with simultaneous angular and diametric deflection. The applicable selection of the test pressure(s) and the test condition(s) is specified in the referring standard.

Keel: en

Alusdokumendid: ISO/FDIS 13259; prEN ISO 13259

93 RAJATISED

prEN 17392-1

Sustainability of construction works - Environmental product declarations - Core rules for road materials - Part 1: Bituminous mixtures

This document provides core product category rules for type III environmental declaration of bituminous materials for building and civil engineering according to EN 13108-1, EN 13108-2, EN 13108-3, EN 13108-4, EN 13108-5, EN 13108-6, EN 13108-7, EN 13108-9, and prEN 13108-31. The approach taken for these PCR may be considered applicable and adaptable for other bitumen based products. This document defines the parameters to be reported, what EPD types (and life cycle stages) to be covered, what rules to be followed in order to generate Life Cycle Inventories (LCI) and conduct Life Cycle Impact Assessment (LCIA) and the data quality to be used in the development of EPDs. In addition to the common parts of EN 15804, this document for bituminous materials: - defines the system boundaries; - defines the modelling and assessment of material-specific characteristics; - defines allocation procedures for multi-output processes along the production chain; - includes the rules for calculating the LCI and the LCIA underlying the EPD; - provides guidance for the determination of the reference service life (RSL); - gives guidance on the establishment of default scenarios. Principles used: - PCR covering bituminous materials; - from cradle to beyond the building life cycle based on EN 15804; - polluter pays: processes of waste processing shall be assigned to the product system that generates the waste until the end-of-waste state is reached; - EPD will be based on declared units (e.g. tonnes of material) and not functional units (e.g. km of road); - abiotic depletion potential of aggregate should be declared when relevant; - all use of inert material in the quarry: reclamation, sound and dust protection have to be included in stages A1 to A3 of the EPD; - data quality will be described (e.g. Average yearly value, average 10 years value, or maximum value ever encountered). NOTE The Use stage, Informative Module B, depends on the use scenario and this depends on the type of road it is used for, the width of the road, the width of the lane, the total pavement structure and substrate for which the pavement layer it is used, the climate conditions, the maximum and minimum pavement temperatures, the traffic intensity and the number of weights of the axle loadings, etc. The use scenario details are determined by the buyer / user of the bituminous mixture. Therefore, only examples on typical maintenance scenarios are given. This guideline provides PCRs that can be applied for a particular asphalt mixture, from a specific asphalt plant with a specific production temperature. Hence, the design of the asphalt mixture is necessary to produce the specific EPD.

Keel: en

Alusdokumendid: prEN 17392-1

Arvamusküsitluse lõppkuupäev: 31.05.2020

97 OLME. MEELELAHUTUS. SPORT

EN 13089:2011+A1:2015/prA2

Mountaineering equipment - Ice-tools - Safety requirements and test methods

Amendment for EN 13089:2011+A1:2015

Keel: en

Alusdokumendid: EN 13089:2011+A1:2015/prA2

Muudab dokumenti: EVS-EN 13089:2011+A1:2015

Arvamusküsitluse lõppkuupäev: 31.05.2020

EN 14749:2016/prA1

Furniture - Domestic and kitchen storage units and kitchen-worktops - Safety requirements and test methods

This European Standard specifies safety requirements and test methods for all types of kitchen and bathroom storage units and domestic storage furniture and their components. It does not apply to non-domestic storage, office storage, industrial storage, catering equipment, retail storage and industrial storage lockers. It does not apply to units covered by EN 71 1, Safety of toys - Part 1: Mechanical and physical properties and EN 60065, Audio, video and similar electronic apparatus - Safety requirements (IEC 60065). It does not include requirements for the resistance to ageing, degradation, flammability and electrical safety. Safety that is dependent upon the structure of the building is not included, e.g. the strength of wall hanging units includes only the cabinet and its components including wall attachment devices. The wall and the wall attachments are not included. Annex A (normative) contains additional test methods. Annex B (informative) contains a guide to testing of units and components according to this document. Annex C (informative) contains an example of loading of wall hanging units. Annex D (informative) contains a method for calculation of vertical and horizontal acting forces.

Keel: en

Alusdokumendid: EN 14749:2016/prA1

Muudab dokumenti: EVS-EN 14749:2016

Arvamusküsitluse lõppkuupäev: 31.05.2020

EN 16282-3:2016/prA1

Equipment for commercial kitchens - Components for ventilation in commercial kitchens - Part 3: Kitchen ventilation ceilings; design and safety requirements

This European Standard specifies requirements for the design, construction and operation of kitchen ventilation ceilings, including technical safety, ergonomic and hygienic features. This European Standard is applicable to ventilation systems in commercial

kitchens, associated areas and other installations processing foodstuffs intended for commercial use. Kitchens and associated areas are special rooms in which meals are prepared, where tableware and equipment is washed, cleaned and food is stored. This European Standard is applicable to kitchen ventilation ceilings except those used in domestic kitchens. A method of verification of each requirement is also specified. Unless otherwise specified, the requirements of this standard need to be checked by way of inspection and/or measurement. NOTE Please note the possible existence of additional or alternative local national regulations on installation, appliance requirements and inspection, maintenance and operation.

Keel: en

Alusdokumendid: EN 16282-3:2016/prA1

Muudab dokumenti: EVS-EN 16282-3:2016

Arvamusküsitluse lõppkuupäev: 31.05.2020

EN 16282-7:2017/prA1

Equipment for commercial kitchens - Components for ventilation in commercial kitchens - Part 7: Installation and use of fixed fire suppression systems

This European Standard specifies requirements and gives recommendations for the design, installation, testing, maintenance and safety of kitchen fire suppression systems in buildings. This European Standard is applicable to ventilation systems in commercial kitchens, associated areas and other installations processing foodstuffs intended for commercial use. Kitchens and associated areas are special rooms in which meals are prepared, where tableware and equipment is washed, cleaned, food is stored and food waste areas. This European Standard is applicable to fire suppression systems except those used in domestic kitchens or industrial food processing facilities. Unless otherwise specified, the requirements of this standard should be checked by way of inspection and/or measurement. NOTE Please note the possible existence of additional or alternative local national regulations on installation, appliance requirements and inspection, maintenance and operation.

Keel: en

Alusdokumendid: EN 16282-7:2017/prA1

Muudab dokumenti: EVS-EN 16282-7:2017

Arvamusküsitluse lõppkuupäev: 31.05.2020

EN 16647:2015/prA1

Fireplaces for liquid fuels - Decorative appliances producing a flame using alcohol based or gelatinous fuel - Use in private households

This European Standard applies for decorative fireplaces/appliances for domestic use, producing a flame using alcohol, hereafter referred to as fuel, in liquid or gelatinous fuel for decoration. NOTE 1 The requirements are strictly applied even when used in other areas. Outside the private household and outdoor area can apply more or different rules on the use of the appliances. This European Standard applies to free-standing, wall-mounted and built-in appliances with a maximum power output of 4,5 kW. This European Standard applies for appliances ready for use, whose burner is of one unit or are an integral component of the appliances but not for appliances with a fuel tank separate from the appliance. This European Standard does not apply for appliances specifically designed for heating food or keeping food warm (rechauds), as well as for appliances for use in boats, caravans, other vehicles or outdoor areas. This European Standard does not apply for appliances with a power output higher than 4,5 kW or with a defined heating function. NOTE 2 National regulation may restrict the power output to less than 4,5 kW.

Keel: en

Alusdokumendid: EN 16647:2015/prA1

Muudab dokumenti: EVS-EN 16647:2015

Arvamusküsitluse lõppkuupäev: 31.05.2020

EN 60335-1:2012/prA15

Household and similar electrical appliances - Safety - Part 1: General requirements

This European Standard deals with the safety of electrical appliances for household environment and commercial purposes, their rated voltage being not more than 250 V for single-phase and 480 V for others.

Keel: en

Alusdokumendid: EN 60335-1:2012/prA15

Muudab dokumenti: EVS-EN 60335-1:2012

Muudab dokumenti: EVS-EN 60335-1:2012+A11:2014

Muudab dokumenti: EVS-EN 60335-1:2012+A11+A12

Muudab dokumenti: EVS-EN 60335-1:2012+A11+A13:2017

Muudab dokumenti: EVS-EN 60335-1:2012+A11+A13+A1+A14+A2:2019

Arvamusküsitluse lõppkuupäev: 31.05.2020

EN 892:2012+A1:2016/prA2

Mountaineering equipment - Dynamic mountaineering ropes - Safety requirements and test methods

Amendment for EN 892:2012+A1:2016

Keel: en

Alusdokumendid: EN 892:2012+A1:2016/prA2

Muudab dokumenti: EVS-EN 892:2012+A1:2016

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 13321-1

Open data communication in building automation, controls and building management - Home and building electronic system - Part 1: Product and system requirements

This document specifies, as for Home or Building Electronic Systems (HBES) for the domain of Building Automation and Control System Application and Building Management (BACS), common rules for a class of multi-application bus systems where the functions are decentralised and linked through a common communication process. This document sets the basic requirements for products and systems. The requirements may also apply to the distributed functions of any equipment connected in a home or building control system if no specific standard exists for this equipment or system. Due to its reference to the EN 50090 series, this document sets requirements for the BACS area in relation to Architecture and Hardware and Application and Communication of systems based on HBES amongst other areas, and specifies the basic requirements for interoperability (between products and systems).

Keel: en

Alusdokumendid: prEN 13321-1

Asendab dokumenti: EVS-EN 13321-1:2012

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN 14344

Child care articles - Child seats for cycles - Safety requirements and test methods

This document specifies requirements for child seats intended to be mounted on cycles and electrical power assisted cycles with a cut off speed of up to 25 km/h (i.e. according to EN 15194), their attachment system and accessories intended to be attached to the seat in order to transport children with a weight from 9 kg up to 22 kg and who are capable of sitting unaided. NOTE 1 Some European countries have special legislation for child seats for cycles. Compliance with this document might not meet this legislation. NOTE 2 Where a child seat or any part of the child seat has several functions or can be converted into another function, other relevant standards might be applicable.

Keel: en

Alusdokumendid: prEN 14344

Asendab dokumenti: EVS-EN 14344:2004

Arvamusküsitluse lõppkuupäev: 01.05.2020

prEN 50090-6-2

Home and Building Electronic Systems (HBES)- Part 6-2 IoT Semantic Ontology_Model_Description

This document defines the HBES Information Model and a corresponding data exchange format for the Home and Building HBES Open Communication System.

Keel: en

Alusdokumendid: prEN 50090-6-2

Arvamusküsitluse lõppkuupäev: 31.05.2020

prEN ISO 22042

Blast chillers and freezers cabinets for professional use - Classification, requirements and test conditions (ISO/DIS 22042:2020)

This Standard specifies the requirements for the verification of performance and energy consumption of blast cabinets for professional use in commercial kitchens, hospitals, canteens, institutional catering and similar professional areas. The appliances covered by this Standard are intended to rapidly cool down hot foodstuffs up to a load capacity of 300 kg.

Keel: en

Alusdokumendid: ISO/DIS 22042; prEN ISO 22042

Asendab dokumenti: EVS-EN 17032:2018

Arvamusküsitluse lõppkuupäev: 31.05.2020

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 Standardikeskuse 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 Standardikeskuse veebilehel avaldatavast [standardimisprogrammist](#).

EVS-EN 1497:2007

Kõrgelt kukkumise isikukaitsevahendid. Päästerakmed

Selles Euroopa standardis täpsustatakse päästerakmetega seotud nõuded, katsemeetodid, märgistus ja tootja kasutusjuhend. Euroopa standardile vastavaid päästerakmeid kasutatakse kukkumiskaitseüsteemides kasutatavate päästesüsteemide osana. Päästerakmed pole mõeldud kasutamiseks kukkumist pidurdavates süsteemides keha kinni hoidva vahendina.

Keel: et

Alusdokumendid: EN 1497:2007

Kommenteerimise lõppkuupäev: 01.05.2020

EVS-EN 1899-2:1999

Vee kvaliteet. Biokeemilise hapnikutarbe (BHTn) määramine n päeva pärast. Osa 2: Meetod lahjendamata proovide jaoks

See dokument kirjeldab biokeemilise hapnikutarbe määramist lahjendamata vee proovides. See sobib kõikidele vetele, kus biokeemiline hapnikutarve on suurem või võrdne määramispiiriga 0,5 mg/l hapnikku ja ei ületa 6 mg/l hapnikku. Selles dokumendis on avastamispiir, DL, defineeritud kui: $DL = t_{0,95}(f) \cdot 2 \cdot s_B \cdot \sqrt{(1 + 1/n)}$ (1) kus s_B on seeriasisene standardhälve, $t_{0,95}(f)$ Student-i t-väärtus, kus f on vabadusastmete arv s_B määramise jaoks ja n on nullproovi analüüside arv analüütilises seerias. s_B arvutatakse reaalsete proovide BHT kontsentratsiooni määramistest hinnangulise DL väärtuse lähedal. Juhtudel, kus analüütiline meetod ei vaja nullprooviga parandamist, võib valemist $\sqrt{(1+1/n)}$ (2) ära jätta. Saadud tulemus on biokeemiliste ja keemiliste reaktsioonide kombinatsioon. Neil ei ole rangelt ja üheselt mõistetav iseloom nagu seda on näiteks tulemustel, mis on saadud ühtse, hästi määratletud keemilise protsessi tulemusel. Sellest hoolimata annavad tulemused indikatsiooni, mille põhjal saab hinnata vee kvaliteeti. Testi võib mõjutada erinevate ühendite esinemine. Need, mis on toksilised mikroorganismidele, nagu näiteks bakteritsiidid, mürgised metallid või vaba kloor, inhibeerivad biokeemilist oksüdatsiooni. Vetikate või nitrifitseerivate mikroorganismide esinemine võib tingida kõrgemaid tulemusi. Selliste juhtude korral muuda meetodit (vaata lisa B või standardit EN 1899-1). On väga oluline, et selle dokumendi järgi tehtud katseid teeks sobiva kvalifikatsiooniga personal. Lisa A kirjeldab alternatiivseid inkubatsiooniaegu. Lisa B kirjeldab meetodi muutmise võimalusi lisades külvimaterjale, soolasisi, nitrifikatsiooni inhibeerimist allüüluurea (ATU) lisamist, neutralisatsiooni, homogeniseerimist ja/või filtreerimist. Need muudatused võivad olla vajalikud kindlateks suubla vee kvaliteedi hindamiseks.

Keel: et

Alusdokumendid: ISO 5815:1989; EN 1899-2:1998

Kommenteerimise lõppkuupäev: 01.05.2020

EVS-EN ISO/IEC 80079-34:2020

Plahvatusohtlik keskkond. Osa 34: Kvaliteedisüsteemide rakendamine seadmete tootmisel

See dokument määratleb erinõuded ja teabe Ex-toodete sertifikaatidega kooskõlas oleva tootmise kvaliteedijuhtimissüsteemi sisseseadmiseks ja korrashoidmiseks. Kuna see ei välista teiste ISO 9001:2015 eesmärkidega kokku sobivate ja samaväärseid tulemusi pakkuvate kvaliteedijuhtimissüsteemide kasutamist, on selles dokumendis esitatud vähimnõuded.

Keel: et

Alusdokumendid: ISO/IEC 80079-34:2018; EN ISO/IEC 80079-34:2020

Kommenteerimise lõppkuupäev: 01.05.2020

ISO/TR 25901-1:2016 et

Keevitamine ja külgnevad protsessid. Sõnastik. Osa 1: Üldterminid

See standardi ISO/TR 25901 osa sisaldab keevitusprotsessidele ja külgnevate (seotud) protsessidele rakenduvaid üldtermineid ja määratlusi. Ta ei sisalda eriprotsessidega seotud termineid või iseäralikke keevitamise külgnevate protsesside aspekte, mis sisalduvad selle Tehnilise Aruande osades (vaata eessõna) või teistes ISO standardites. Selle ISO/TR 25901 osa põhilise kogumi terminid on järjestatud süstemaatilises järjekorras. Lisa A esitab indeksi, milles kõik terminid on loetletud tähestikulises järjekorras koos kohaste alamjaotiste näitamiseks. Lisaks pakub ta prantsuskeelsed vasted, mis katavad kaks kolmest ametlikust ISO keelest (inglise, prantsuse ja vene keel). On toodud ka saksakeelsed vasted, mis on avaldatud Saksamaa liikmesorganisatsiooni (DIN) vastutusel ja on toodud ainult informatsiooniks. MÄRKUS 1 Ainult ametlikes keeltes (inglise, prantsuse ja vene) toodud terminid on arvesse võetud kui ISO terminid ja määratlused. MÄRKUS 2 Kõik need terminid ja määratlused on kättesaadavad ISO interneti platvormil (ISO Online Browsing Platform (OBP)): <https://www.iso.org/obp/ui/>

Keel: et

Alusdokumendid: ISO/TR 25901-1:2016

Kommenteerimise lõppkuupäev: 01.05.2020

prEN 13598-2

Maa-alused surveta dreanaži ja kanalisatsiooni plasttorustikud. Plastifitseerimata polüvinüülkloriid (PVC-U), polüpropüleen (PP) ja polüetüleen (PE). Osa 2: Hooldus- ja kontrollkaevude spetsifikatsioonid

Selles dokumendis täpsustatakse määratlused ja nõuded plastifitseerimata polü (vinüülkloriidi) (PVC-U), polüpropüleeni (PP) ja polüetüleeni (PE) hooldus- ning kontrollkaevude jaoks, mis on ette nähtud survevabade maa-aluste dreanaži- ja kanalisatsioonüsteemide jaoks maksimaalse sügavusega 6 m maapinnast hoolde- või kontrollkaevu voolurenni põhja kõrguseni. See dokument hõlmab hooldus- ja kontrollkaevusid koos voolurenniga alustega ning nende ühendusi torustikusüsteemiga. Hoolde- ja kontrollkaevud on ette nähtud kasutamiseks jalakäijate või sõidukite liiklusaladel väljaspool hoone konstruktsiooni. MÄRKUS 1 Kavandatud kasutamine maa-aluses paigalduses väljaspool hoonekonstruktsiooni kajastub toodete märgistamises rakendusala koodiga "U". MÄRKUS 2 Sellele dokumendile vastavaid tooteid saab kasutada ka liiklusetaladel. MÄRKUS 3 Sellele standardile vastavaid tooteid saab maa-alustesse rakendustesse paigaldada ilma täiendava staatilise arvutusega. MÄRKUS 4 Madalad kontrollkaevud on määratletud standardis EN 13598-1 [1]. Standardile EN 13598-2 vastavad hoolde- ja kontrollkaevud on tehtud ettenähtud komponentide komplektist, mis on valmistatud plastifitseerimata polü (vinüülkloriidist) (PVC-U), polüpropüleenist (PP), mineraalide modifikaatoriga polüpropüleenist (PP-MD) või polüetüleenist (PE) ja kokku pandud. MÄRKUS 5 Kogu hoolduskaevu või kontrollkaevu komplekt võib sisaldada ka esemeid, mida käesolev dokument ei hõlma (näiteks maapinna või pinnaosa lähedal). MÄRKUS 6 Hoolde- ja kontrollkaevud võivad olla varustatud raamide, luukide ja restidega vastavalt EN 124 asjakohasele osale [2]. Sademeveesüsteemide jaoks võib kasutada standardile EN 13598-2 vastavaid hoolde- ja kontrollkaevusid. Hoolde- ja kontrollkaevu komponente saab toota mitmel viisil, nt. ekstrusioon, survevalu, rotatsioonvormimine, madalrõhu vormimine või olla valmistatud. MÄRKUS 7 Hooldus- ja kontrollkaevusid saab monteerida erinevatest komponentidest, kuid neid saab toota ka ühe osana. MÄRKUS 8 Hooldus- ja kontrollkaevude suhtes võivad kehtida riiklikud eeskirjad ja / või kohalikud sätted.

Keel: et

Alusdokumendid: prEN 13598-2

Kommenteerimise lõppkuupäev: 01.05.2020

prEN IEC 61547:2019

Üldvalgustusseadmed. Elektromagnetilise ühilduvuse häiringutaluvusnõuded

Käesolev elektromagnetilise häirekindluse nõudeid määratlev IEC 61547 osa kohaldub valgustusseadmetele, mis kuuluvad IEC tehnilise komitee 34 käsitusallasse, sealhulgas valgusallikad, valgustid ja moodulid. Käesoleva dokumendi käsituslalt on välja jäetud: — Komponentid ja moodulid, mis on ette nähtud valgustusseadmesse sisse ehitamiseks ja pole lõpptarbiija poolt vahetatavad; — Seadmed, millele on elektromagnetilise ühilduvuse nõuded raadiosageduslikus vahemikus määratletud otseselt teiste toodete häirekindlusstandardites, isegi kui need sisaldavad sisseehitatud valgustusfunktsiooni. MÄRKUS Näiteid väljajäetud seadmetest: — seadmed, milles on sisseehitatud taustvalguse, skaalavalguse ja signaalvalguse jaoks mõeldud valgustusseadised; — SSL-ekraanid; — õhupuhasid, külmikud, sügavkülmikud; — fotokopeerseadmed, projektorid; — püsipaigaldiste elektroonilised lülitid; — liiklusvahendite valgustusseadmed (CISPR 12 reguleerimisalas); — õhusõidukite ja lennuvälja rajatiste valgustusseadmed. Seevastu mitmeotstarbeliste seadmete korral, millel valgustusfunktsioon töötab sõltumatult teistest funktsioonidest, tuleb käesoleva dokumendi elektromagnetilise ühilduvuse nõudeid kohaldada üksnes valgustusfunktsioonile. Juhtmevaba kaugjuhtimisfunktsiooni omavad valgustusseadmed kuuluvad samuti käesoleva dokumendi reguleerimisalasse. Katsetused piirduvad siiski ainult valgustusfunktsiooni kontrollimisega. Raadio valdkonda kuuluvaid nähtuseid nagu sageduse stabiilsus või parasitiikiirgused, ei kontrollita. NÄIDE Värvuse/valgustugevuse juhtimine juhtmevaba liidese kaudu peab peale häirekindluskatset jääma algsel viisil toimivaks. Käesoleva dokumendi käsituslalt kuulub ka valgustusseade, mis ühildub süsteemi või paigaldisega, välja arvatud ühendus tavalise toitevõrguga. Käesoleva dokumendi nõuded põhinevad IEC 61000-6-1:2016 sätestatud nõuetel kodu-, kaubandus-, ja väiketööstuskeskkonna jaoks, kuid kohandatud valgustusvaldkonna jaoks. Võib eeldada, et valgustusseadmed, mis täidavad käesoleva dokumendi nõudeid, töötavad rahuldavalt ka teistes keskkondades. Mõningatel erijuhtudel võib võtta kasutusele lisameetmeid, et tagada kõrgendatud häirekindlus. Käesolevas dokumendis pole mõistlik hakata käsitlema kõiki neid erinevaid võimalusi. Sellised nõuded saab kehtestada tarnija ja ostja vahelises lepingus.

Keel: et

Alusdokumendid: IEC 61547:201X; prEN IEC 61547:2019

Kommenteerimise lõppkuupäev: 01.05.2020

prEVS-EN 12697-11

Asfaltsegud. Katsemeetodid. Osa 11: Täitematerjali ja bituumeni vahelise nakke määramine

See dokument määratleb meetodid täitematerjali ja bituumeni vahelise nakke määramiseks ning selle mõju määramiseks nimetatud kombinatsiooni paljandumistundlikkusele. Kõnealune omadus on mõeldud abistama segukoostise projekteerijat, mitte niivõrd kasutamiseks tüübikatsena. Nende meetoditega määratud paljandumistundlikkus on kaudne mõõdupuu jõule, millega bituumen kleepub mitmesuguste täitematerjalide külge või erinevad bituumenid kleepuvad ühe konkreetse täitematerjali külge. Neid meetodeid võib kasutada ka niiskuse mõju hindamiseks vaadeldavale täitematerjali-bituumeni kombinatsioonile kas ilma või koos naket parandavate lisanditega, kaasa arvatud vedelad, nagu amiinid, või fillerid, nagu kustutatud lubi või tsement. Rullpudeli meetodi puhul väljendatakse naket kui bituumeniga kaetud tihendamata täitematerjali osakeste bituumeniga kaetuse visuaalselt hinnatud määra pärast mehaanilist segamist vees. MÄRKUS 1 Rullpudeli katse on lihtne, kuid subjektiivne katsemeetod ja sobiv rutiinseks katsetamiseks. See ei sobi väga abrasiivsete täitematerjalide puhul. Staatilise katsemeetodi puhul väljendatakse naket kui bituumeniga kaetud tihendamata täitematerjali osakeste bituumeniga kaetuse visuaalselt hinnatud määra pärast vees hoidmist. MÄRKUS 2 Staatiline katse on lihtne, ehkki subjektiivne katsemeetod, mis on üldiselt vähem täpne, kuid see võib sobida kõrge poleerumistundlikkusega (PSV) täitematerjalide puhul. Keetmise meetodi puhul väljendatakse naket kui bituumeniga kaetud tihendamata täitematerjali osakeste bituumeniga kaetuse hinnatud määra pärast kindlatel tingimustel keevasse vette kastmist. MÄRKUS 3 Keetmise meetod on kõrge täpsusega objektiivne katse. Siiski on see erilise katse, kuna nõuab teostajatelt suuremat vilumust ning vajab reagentideks kemikaale. Viimane asjaolu võib tähendada tervisekaitse ja ohutuse eritingimusi. MÄRKUS 4 Keetmise katsemeetodi protseduuri saab kasutada igasuguste sideaine-täitematerjali kombinatsioonide puhul, milles täitematerjal on päritolult karbonaatne või ränikarbonaatne kivim või ränikivim.

Keel: et

Alusdokumendid: EN 12697-11:2020

Kommenteerimise lõppkuupäev: 01.05.2020

prEVS-EN ISO 14713-2

Tsinkpinnakatted. Juhised ja soovitud rauapõhistest sulamitest ja terasest konstruktsioonide kaitsmiseks korrosiooni eest. Osa 2: Kuumtsinkimine

Selles dokumendis esitatakse juhised ja soovitud pärast valmistamist korrosioonikaitse eesmärgil kuumtsingitavate (nt vastavalt standardile ISO 1461) toodete projekteerimise üldiste põhimõtete kohta, näiteks tooted, mis on valmistatud vastavalt standardile EN 1090-2. See dokument ei rakendu pidevas kuumsukelprotsessis pinnatud traadile ja lehele (nt vastavalt standardile EN 10346).

Keel: et

Alusdokumendid: ISO 14713-2:2019; EN ISO 14713-2:2020

Kommenteerimise lõppkuupäev: 01.05.2020

prEVS-ISO 35001

Labori ja muud seotud organisatsiooni bioriskihaldus

See dokument määratleb protsessi, et identifitseerida, kaalutleda, ohjata ja seirata ohtlike bioloogiliste materjalidega seotud riske. Dokument on rakendatav igas laboris või muus organisatsioonis, mis käitleb, säilitab, transpordib ja/või utiliseerib ohtlikke bioloogilisi materjale. See dokument on mõeldud toetama olemasolevaid laborite rahvusvahelisi standardeid. See dokument ei ole mõeldud laboritele, mis analüüsivad mikroorganismide ja/või toksiinide olemasolu toidus või loomasöödas. Dokument ei ole mõeldud põllumajanduses geneetiliselt muundatud saagi kasutamist puudutavate riskide haldamiseks.

Keel: et

Alusdokumendid: ISO 35001:2019

Kommenteerimise lõppkuupäev: 01.05.2020

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 847-1:2014

Veevärk. Osa 1: Veehaarded Waterworks - Part 1: Water Intakes

Standard kehtib veevärgi, sh ühis- või eraveevärgi veehaaretele ning on ette nähtud kasutamiseks veevärgi veeallika, tüübi ja asukoha valikul, veehaarde põhisõlmede projekteerimisel ja seadmete valikul ning veeallika ja veehaarde sanitaarkaitsealade projekteerimisel.

Pikendamisküsitluse lõppkuupäev: 01.05.2020

EVS 867:2011

Raudteelased rakendused. Reisijate ooteplatvormid Railway applications - Passenger platforms

Standard käsitleb raudteel reisijate ooteplatvormide projekteerimisele, ehitamisele ja hooldusele esitatavaid nõudeid, hõlmates nii uusi (ehitatavaid) kui ka olemasolevaid (rekonstrueeritavaid) ooteplatvorme, juurdepääsuteid ooteplatvormidele ning juurdepääsuteel asuvaid ülekäigukohti.

Pikendamisküsitluse lõppkuupäev: 01.05.2020

EVS 867:2011/A1:2013

Raudteelased rakendused. Reisijate ooteplatvormid Railway applications - Passenger platforms

Standardi EVS 867:2011 muudatus

Pikendamisküsitluse lõppkuupäev: 01.05.2020

EVS 867:2011+A1:2013

Raudteelased rakendused. Reisijate ooteplatvormid Railway applications - Passenger platforms

Standard käsitleb rongireisijate ooteplatvormide projekteerimisele, ehitamisele ja hooldusele esitatavaid nõudeid, hõlmates nii uusi (ehitatavaid) kui ka olemasolevaid (rekonstrueeritavaid) ooteplatvorme, juurdepääsu-teid ooteplatvormidele ning juurdepääsuteel asuvaid ülekäigukohti.

Pikendamisküsitluse lõppkuupäev: 01.05.2020

EVS 922:2014

Raudteelased rakendused. Raudteefoorid, tee- ja signaalmärgid Railway applications - Railway signals, track signals and warning signs

Standard käsitleb raudtee tee- ja signaalmärke ning raudteefoore, nõudeid nende kujule ja suurusele, värvus- ja peegeldusomadustele ning paigaldamisele ja nähtavusele.

Pikendamisküsitluse lõppkuupäev: 01.05.2020

EVS 924:2015

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

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

Pikendamisküsitluse lõppkuupäev: 01.05.2020

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 3660-038:2013

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 038: Manual installation tool, style Z, for installation of stainless steel shield termination band EN 3660-033, to cable outlet accessories - Product standard

This European Standard defines a manual banding tool style Z, for terminating steel banding bands according to EN 3660-033 to cable outlet accessories, securing individual and/or overall screens.

Keel: en

Alusdokumendid: EN 3660-038:2013

Tühistamisküsitluse lõppkuupäev: 01.05.2020

TEADE EUROOPA STANDARDI OLEMASOLUST

Selles rubriigis avaldame teavet Euroopa standardite ja CENELEC-i harmoneerimisdokumentide kohta, mille on Standardikeskusele kättesaadavaks teinud Euroopa standardimisorganisatsioonid, ja mille Eesti standardina avaldamiseks on vajalik täiendav ettevalmistusaeg. 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 Standardikeskuse veebilehel avaldatavast [standardimisprogrammist](#). Lisateave standardiosakonnast: standardiosakond@evs.ee.

EN 55011:2016/A11:2020

Tööstus-, teadus- ja meditsiiniseadmed. Raadiosageduslike häiringute tunnussuurused. Piirväärtused ja mõõtemetodid
Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement

Eeldatav avaldamise aeg Eesti standardina 05.2020

EN 55032:2015/A11:2020

Multimeediaseadme elektromagnetiline ühilduvus. Kiirgusnõuded
Electromagnetic compatibility of multimedia equipment - Emission Requirements

Eeldatav avaldamise aeg Eesti standardina 05.2020

EN 12697-1:2020

Bituminous mixtures - Test methods - Part 1: Soluble binder content

Eeldatav avaldamise aeg Eesti standardina 09.2020

EN 13629:2020

Wood flooring - Solid individual and pre-assembled hardwood boards

Eeldatav avaldamise aeg Eesti standardina 08.2020

EN IEC 61000-4-11:2020

Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase

Eeldatav avaldamise aeg Eesti standardina 05.2020

UUED EESTIKEELSESD STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS-EN 12953-5:2020

Leektorukatlad. Osa 5: Kontroll katla survedetailide valmistamise, dokumenteerimise ja märgistamise ajal **Shell boilers - Part 5: Inspection during construction, documentation and marking of pressure parts of the boiler**

See dokument määratleb nõuded leektorukatelde inspekteerimiseks ehitamise ajal ja pärast ehitamist, dokumenteerimiseks ja markeerimiseks standardi EN 12953-1:2012 kohaselt. MÄRKUS Teiste komponentide puhul, näiteks veetorstike seinad, viidatakse EN 12952 sarjale [1].

EVS-EN 13565-1:2019

Paiksed tulekustutussüsteemid. Vahtsüsteemide komponendid. Osa 1: Nõuded ja katsemeetodid **Fixed firefighting systems - Foam systems - Part 1: Requirements and test methods for components**

Selles dokumendis on määratud nõuded materjalidele, ehitusele ja komponentide toimivusele, mis on mõeldud kasutamiseks paiksetes vahtkustutussüsteemides, kasutades vahukontsentraate, mis vastavad standarditele EN 1568-1 kuni EN 1568-4. Käsitatud komponendid on dosaatorid, pihustid, poolkihialused voolikuseadmed, joatorud, madala/keskmise kordsusega vahugeneraatorid, kõrge kordsusega vahugeneraatorid, vahukambrid, mahutid ja surveanumad. Katsemeetodid on esitatud lisades A kuni K. Samuti on esitatud nõuded iseloomustavate andmete tagamiseks, mida on vaja komponentide õige kasutamiseks. MÄRKUS 1 Kui ei ole öeldud teisiti, on manomeetrite rõhud väljendatud baarides. Selle dokumendi nõuded ei kata, kui ei ole määratud teisiti, komponentide kasutamist kombinatsioonidena, et moodustada osaline või terviklik tuletõrjesüsteem. MÄRKUS 2 Ei tohi eeldada, et sellele dokumendile vastavad komponendid üksteisega ühilduvad. Selle dokumendi käsitlusalas ei sisaldu nõuded pumpadele, mootoritele ega mehaaniliste komponentide (st kaugjuhtimisega monitorid) toimimisele.

EVS-EN 17293:2020

Ajutiste ehitustööde tarindid. Valmistamine. Valmistamise nõuded **Temporary works equipment - Execution - Requirements for manufacturing**

See dokument määratleb nõuded ajutiste ehitustööde tarindite elementide valmistamiseks a) tehases või; b) ehitusplatsil, kui tehases valmistamine ei ole teostatav. See dokument määratleb ajutiste ehitustööde tarindite elementide valmistamise nõuded lisaks või vastupidiselt standardite EN 1090-2, EN 1090-3, EN 1090-4, EN 1090-5 ja EN 1995-1-1 nõuetele. Peale selle täpsustatakse selles dokumendis puitelementide valmistamise nõuded, mis on projekteeritud eurokoodeksite kohaselt ja mida kasutatakse ajutiste ehitustööde tarindites. Selles dokumendis ei määratleta ajutiste ehitustööde tarindite montaaži ega transpordi nõudeid.

EVS-EN 354:2010

Kukkumisvastased isikukaitsevahendid. Turvaliinid **Personal fall protection equipment - Lanyards**

Selles Euroopa standardis täpsustatakse turvaliinidega seotud nõuded, katsemeetodid, märgistus, tootja kasutusjuhend ja pakend. Sellele Euroopa standardile vastavaid turvaliine kasutatakse kukkumiskaitsevahendite (s.o liikumisulatust piiravad süsteemid, tööasendi tagamise süsteemid, kõiega ligipääsu võimaldavad süsteemid, kukkumist pidurdavad süsteemid ja päästesüsteemid) ühendusdetailide või -komponentidena.

EVS-EN 355:2002

Kukkumisvastased isikukaitsevahendid. Leevendid **Personal protective equipment against falls from a height - Energy absorbers**

Selles Euroopa standardis täpsustatakse leevenditega seotud nõuded, katsemeetodid, märgistus, tootja kasutusjuhend ja pakend. Euroopa standardile vastavaid leevendeid kasutatakse detailide või osadena, mis on turvaliini, ankurduoliini või kogukehakarakteritega integreeritud või kombineeritud. Leevendi ja turvaliini on allsüsteemid, mis moodustavad standardis EN 361 täpsustatud kogukehakarakteritega kombineerimisel ühe standardiga EN 363 hõlmatud kukkumist pidurdavatest süsteemidest. Kukkumist pidurdavad vahendid on täpsustatud standardites EN 353-1, EN 353-2 ja EN 360.

EVS-EN 365:2004

Kukkumisvastased isikukaitse- ja muud vahendid. Üldnõuded kasutus- ja hooldusjuhendile, regulaarse kontrolli ja parandustööde juhendile, märgistusele ja pakendile **Personal protective equipment and other equipment for protection against falls from a height - General requirements for instructions for use, maintenance, periodical examination, repair, marking and packaging**

Selles Euroopa standardis määratletakse üldised miinimumnõuded IKV-de, mis hõlmavad keha hoidmise vahendeid ja muid koos keha hoidmise vahenditega kukkumise vältimiseks, ligipääsemiseks, väljapääsemiseks ja tööasendi tagamiseks, kukkumise pidurdamiseks ja päästeotstarbel kasutatavaid vahendeid, kasutus- ja hooldusjuhendile, regulaarse kontrolli ja parandustööde juhendile, märgistusele ja pakendile. Dokumendi eesmärk ei ole käsitleda 1) ainult konkreetse kukkumisvastase IKV või muu vahendi ja selle kasutamise seotud spetsiifilisi nõudeid, mis peaksid olema täpsustatud asjakohases dokumendis; 2) mis tahes spordi- või vabaajategevuses kasutatavaid kukkumisvastaseid IKV-sid või muid vahendeid.

EVS-EN 60335-1:2012/A1:2019

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 1: Üldnõuded Household and similar electrical appliances - Safety - Part 1: General requirements (IEC 60335-1:2010/A1:2013, modified + COR1:2014)

Standardi EN 60335-1:2012 muudatus

EVS-EN 60335-1:2012/A14:2019

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

Standardi EN 60335-1:2012 muudatus

EVS-EN 60335-1:2012/A2:2019

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 1: Üldnõuded Household and similar electrical appliances - Safety - Part 1: General requirements (IEC 60335-1:2010/A2:2016, modified + COR1:2016)

Standardi EN 60335-1:2012 muudatus

EVS-EN 60335-1:2012+A11+A13+A1+A14+A2:2019

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 1: Üldnõuded Household and similar electrical appliances - Safety - Part 1: General requirements (IEC 60335-1:2010, modified + IEC 60335-1:2010/A1:2013, modified + COR1:2014 + IEC 60335-1:2010/A2:2016, modified + COR1:2016)

See Euroopa standard käsitleb kodumajapidamises ja kaubanduslikul otstarbel kasutatavate elektriseadmete ohutust, kusjuures seadmete tunnuspinge ei ole ühefaasilise toite korral üle 250 V ega muudel juhtudel üle 480 V. MÄRKUS 1 Selle standardi käsitlusalasse kuuluvad ka patareitoitega ja muud alalisvoolutoitega seadmed. Kaksiktoitega seadmeid, mida toidetakse vooluvõrgust või patareidest, käsitletakse patareimooduse korral patareitoitega seadmetena. MÄRKUS Z1 Kodumajapidamises kasutatavate seadmete hulka kuuluvad nt tüüpiliste majapidamis-funktsioonidega seadmed, mida võivad majapidamisotstarbel kasutada ka mittespetsialistid • kauplustes, kontorites ja muudes taolistes töökeskkondades, • farmihoonetes, • kui kliendid hotellides, motellides ja muudes olmekeskondades, • ööbimise ja hommikusöögiga majutuskeskkonnas. MÄRKUS Z2 Majapidamiskeskond hõlmab elamuid ja nendega seotud ehitisi, iluaedasid jne. Selle standardi käsitlusalasle kuuluvad kauplustes, kergetööstuses ja farmides asjatundjate või väljaõpetatud personali poolt kasutamiseks ette nähtud seadmed ja masinad ning tavaisikute poolt teeninduslikuks kasutamiseks ette nähtud seadmed ja masinad. Täiendavad nõuded sellistele seadmetele on esitatud lisanõude ZE. MÄRKUS 2 Kehtetu. MÄRKUS Z3 Niisuguste seadmete ja masinate hulka kuuluvad nt teeninduslikus kasutamises olevad toitlustusseadmed, puhastusmasinad ning juuksuriseadmed. MÄRKUS Z4 Kriteeriumid, mida rakendatakse standardisarjaga EN 60335 haaratud toodete võtmiseks madalpingedirektiivi või masinadirektiivi käsitlusalasle, on informatsiooniks esitatud lisanõude ZF. See standard käsitleb mõistlikult ettenähtavaid ohtusid, mida võivad tekitada seadmed ja masinad ning millega võivad kokku puutuda kõik isikud. Standard ei arvesta aga üldjuhul • seadmega mängivaid lapsi, • seadme kasutamist väikelaste (maimikute) poolt, • seadme järelevalveta kasutamist nooremate laste (nt koolieelikute) poolt. Arvestatakse, et ohustatud isikute vajadused võivad olla väljaspool selles standardis eeldatud taset. MÄRKUS 3 Tuleb pöörata tähelepanu asjaolule, et — sõidukites, laevadel või lennukites kasutamiseks ette nähtud seadmete kohta võidakse esitada lisanõuded; — paljudes riikides on riiklike tervishoiu-, töökaitse-, veevarustus- ja muude taoliste ametite poolt sätestatud lisanõudeid. MÄRKUS 4 Seda standardit ei rakendata — eranditult tööstuslikuks otstarbeks ette nähtud seadmete kohta; — seadmete kohta, mis on ette nähtud kasutamiseks kohtades, kus ülekaalus on erikasutusolud, nt korrodeeriv või plahvatusohtlik keskkond (tolm, aurud või gaas); — audio-, video- ja muudele taolistele elektroonikaaparaatidele (IEC 60065); — meditsiiniseadmetele (IEC 60601); — mootoriga käitatavatele elektrilistele käsitööriistadele (IEC 60745); — personalarvutitele ja muudele taolistele seadmetele (IEC 60950-1); — transporditavatele mootoriga käitatavatele elektrilistele tööriistadele (IEC 61029).

EVS-EN IEC 62031:2020

Üldtarbevalgustuse leedmoodulid. Ohutusnõuded LED modules for general lighting - Safety specifications

See dokument käsitleb järgmistele valgusdioodmoodulitele (leedmoodulitele) esitatavaid üld- ja ohutusnõudeid: • mitteintegraalsed või poolintegraalsed leedmoodulid talitlemiseks konstantsel pingel, konstantsel voolul või konstantsel võimsusel; • integraalsed leedmoodulid talitlemiseks alalis-toitepingel kuni 250 V või vahelduv-toitepingel kuni 1000 V sagedusega 50 Hz või 60 Hz. Selle dokumendi käsitlusalas vaadeldavad leedmoodulid võivad olla integreeritavad, sisseehitatud või iseseisvad. See dokument ei ole rakendatav leedlampide kohta. MÄRKUS Leedmoodulite toimivusnõuded on sätestatud standardis IEC 62717. EE MÄRKUS Terminid „valgusdioodmoodul“ ja „leedmoodul“ on sünonüümid. Edaspidises eestikeelses tekstis kasutatakse ingliskeelse teksti eeskujul terminit „leedmoodul“.

EVS-EN ISO 11925-2:2020

Tuletundlikkuse katsed. Ehitusmaterjalide süttivustundlikkus kokkupuutel otsese leegiga. Osa 2: Väikese leegi katse

Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test (ISO 11925-2:2020)

See dokument käsitleb toodete süttivustundlikkuse määramise katsemeetodit kokkupuutel väikese leegiga null soojuskiirguse juures, kasutades vertikaalselt asetsevaid katsekehi. Teave katsemeetodi täpsuse kohta on esitatud lisas A (teatmelisa). Teave lõppkasutuses põhiolemuselt tasapinnalise toote katsetamise kohta on esitatud lisas B (normlisa). Teave lõppkasutuses perforeeritud pinnaga toote katsetamise kohta on esitatud lisas C (normlisa).

EVS-EN ISO 80000-8:2020

Suurused ja ühikud. Osa 8: Akustika

Quantities and units - Part 8: Acoustics (ISO 80000-8:2020)

See dokument sätestab akustiliste suuruste nimetused, tähised, määratlused ja ühikud. Kus vajalik, on antud ka üleminekutegurid.

EVS-ISO 21001:2018

Haridusasutused. Haridusasutuste juhtimissüsteemid. Nõuded koos kasutusjuhistega

Educational organizations - Management systems for educational organizations -

Requirements with guidance for use (ISO 21001:2018, identical)

Selles dokumendis spetsifitseeritakse nõuded haridusasutuse juhtimissüsteemile (HAJS) juhiks, kui selline organisatsioon a) peab näitama oma suutlikkust toetada kompetentsuse omandamist ja arendamist õpetamise, õppimise või uurimistöö kaudu; b) püüab suurendada õppurite, teiste kasusaajate ja personali rahulolu oma HAJS-i mõjusa rakendamise kaudu, sealhulgas süsteemi parendamise protsessid ning õppurite ja teiste kasusaajate nõuetele vastavuse tagamine. Kõik selle dokumendi nõuded on üldised ja on mõeldud kohaldamiseks mis tahes organisatsioonile, mis kasutab õppekava kompetentsuse arendamise toetamiseks õpetamise, õppimise või uurimistöö kaudu selle tüübist, suurusest või osutamise meetodist sõltumata. Seda dokumenti saavad kohaldada haridusasutused suuremates organisatsioonides, kelle põhitegevus ei ole haridusteenuste osutamine, nagu erialast väljaõpet pakuvad osakonnad. See dokument ei rakendu organisatsioonidele, mis ainult toodavad või valmistavad haridustooteid.

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 354:2010	Kõrgelt kukkumise isikukaitsevahendid. Trosstalrepid	Kukkumisvastased isikukaitsevahendid. Turvaliinid
EVS-EN 355:2002	Kõrgelt kukkumise isikukaitsevahendid. Energia summutajad	Kukkumisvastased isikukaitsevahendid. Leevendid
EVS-EN 365:2004	Kõrgelt kukkumise isikukaitsevahendid ja muud kõrgelt kukkumise kaitsevahendid. Üldnõuded kasutusjuhenditele, hooldusele, regulaarsele ülevaatusele, parandamisele, märgistamisele ja pakendamisele	Kukkumisvastased isikukaitse- ja muud vahendid. Üldnõuded kasutus- ja hooldusjuhendile, regulaarse kontrolli ja parandustööde juhendile, märgistusele ja pakendile

UUED EESTIKEELSE PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 13565-1:2019	Fixed firefighting systems - Foam systems - Part 1: Requirements and test methods for components	Paiksed tulekustutussüsteemid. Vahtsüsteemide komponendid. Osa 1: Nõuded ja katsemeetodid

UUED HARMONEERITUD STANDARDID

Toote nõuetele vastavuse seaduse kohaselt avaldab Eesti Standardikeskus oma veebilehel ja ametlikus väljaandes teavet harmoneeritud standardeid ülevõtva Eesti standardite kohta.

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

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

Lisainfo:

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

Eesti Standardikeskus avaldab ametlikus väljaandes harmoneeritud standardeid ülevõtva Eesti standardite kohta järgmist infot:

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

Info esitatakse vastavate õigusaktide kaupa.

Direktiiv 2008/57/EÜ Ühenduse raudteesüsteem Komisjoni rakendusotsus (EL) 2020/453 (EL Teataja 2020/L 95/01)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse
EVS-EN 14067-4:2013+A1:2018 Raudteealased rakendused. Aerodünaamika. Osa 4: Aerodünaamilised nõuded ja katsemeetodid avalikul raudteel	30.03.2020	EN 14067-4:2005+A1:2009	30.03.2020
EVS-EN 14067-6:2018 Raudteealased rakendused. Aerodünaamika. Osa 6: Nõuded ja testprotseduurid külgtuule hindamiseks	30.03.2020	EN 14067-6:2010	30.03.2020
EVS-EN 14198:2016+A1:2018 Raudteealased rakendused. Pidurdamine. Nõuded veduriga veetavate rongide pidurisüsteemidele	30.03.2020	EN 14198:2016	30.03.2020
EVS-EN 14363:2016+A1:2018 Raudteealased rakendused. Raudteeveeremi sõiduomaduste heakskiidukatsed ja simulatsioon. Sõidu- ja seisukatsed	30.03.2020		
Märkus: Vastavust saab eeldada üksnes juhul, kui standardit kasutatakse koos Euroopa Liidu Raudteeameti tehnilise arvamusega ERA-OPI-2018-3 (https://www.era.europa.eu/library/opinions-and-technical-advice_en).			
EVS-EN 15355:2019 Raudteealased rakendused. Pidurdamine. Jaotus- ja eraldusklapid	30.03.2020	EN 15355:2008+A1:2010	30.03.2021
EVS-EN 15610:2019 Raudteealased rakendused. Müratase. Rööpa ja ratta ebatasasuste mõõtmised seoses veeremüra tekkega	30.03.2020	EN 15610:2009	30.09.2020
EVS-EN 15877-1:2012+A1:2018 Raudteealased rakendused. Raudteeveeremi märgistus. Osa 1: Kaubavagunid	30.03.2020	EN 15877-1:2012	30.03.2020
EVS-EN 16186-1:2015+A1:2018 Raudteealased rakendused. Juhiruum. Osa 1: Antropomeetrilised andmed ja nähtavus	30.03.2020		
EVS-EN 16186-3:2016+A1:2018 Raudteealased rakendused. Juhikabiin. Osa 3: Näidikute kujundus	30.03.2020	EN 16186-3:2016	30.09.2020
EVS-EN 16452:2015+A1:2019 Raudteealased rakendused. Pidurdamine. Piduriklotsid	30.03.2020		

EVS-EN 16729-4:2018 Raudteealased rakendused. Raudteeinfrastruktuur. Rööbaste mittepurustav kontroll rööbastees. Osa 4: Personali kvalifitseerimine rööbaste mittepurustavaks kontrolliks	30.03.2020		
EVS-EN 16922:2017+A1:2019 Raudteealased rakendused. Teeninduse püsiseadmed. Heitvee tühjendamisseadmed	30.03.2020	EN 16922:2017	30.09.2020
EVS-EN 17023:2018 Raudteealased rakendused. Raudteeveeremi hooldus. Hoolduskava koostamine ja muutmine	30.03.2020		
EVS-EN 17069-1:2019 Raudteealased rakendused. Süsteemid ja protseduurid rööpmelaiuse muutmiseks. Osa 1: Automaatsed laiuse süsteemid	30.03.2020		
EVS-EN 50122-1:2011/A1:2011 Raudteealased rakendused. Kohtkindlad paigaldised. Elektriohutus, maandamine ja tagasivooluahel. Osa 1: Kaitsemeetmed elektrilöögi eest	30.03.2020		
EVS-EN 50122-1:2011/A2:2016 Raudteealased rakendused. Kohtkindlad paigaldised. Elektriohutus, maandamine ja tagasivooluahel. Osa 1: Kaitsemeetmed elektrilöögi eest	30.03.2020		
EVS-EN 50122-1:2011/A3:2016 Raudteealased rakendused. Kohtkindlad paigaldised. Elektriohutus, maandamine ja tagasivooluahel. Osa 1: Kaitsemeetmed elektrilöögi eest	30.03.2020		
EVS-EN 50122-1:2011/A4:2017 Raudteealased rakendused. Kohtkindlad paigaldised. Elektriohutus, maandamine ja tagasivooluahel. Osa 1: Kaitsemeetmed elektrilöögi eest	30.03.2020		
EVS-EN 50126-1:2017 Raudteealased rakendused. Töökindluse, kasutatavuse, hooldatavuse ja ohutuse (RAMS) määratlemine ning esitlemine. Osa 1: Põhinõuded ja üldprotseduur	30.03.2020	EN 50126-1:1999	23.03.2020
EVS-EN 50126-2:2017 Raudteealased rakendused. Töökindluse, kasutatavuse, hooldatavuse ja ohutuse (RAMS) määratlemine ning esitlemine. Osa 2: Süsteemide ohutuslik lähenemisviis	30.03.2020		
EVS-EN 50129:2018 Raudteealased rakendused. Kommunikatsiooni-, signalisatsiooni- ja andmetöötlussüsteemid. Ohutusega seotud elektroonilised signalisatsioonisüsteemid	30.03.2020	EN 50129:2003	30.03.2020
EVS-EN 50129:2018/AC:2019 Raudteealased rakendused. Kommunikatsiooni-, signalisatsiooni- ja andmetöötlussüsteemid. Ohutusega seotud elektroonilised signalisatsioonisüsteemid	30.03.2020		
EVS-EN 50318:2018 Raudteealased rakendused. Vooluvõtusüsteemid. Pantograafi ja kontaktliini vahelise dünaamilise koostoime simulatsiooni kinnitamine	30.03.2020		
EVS-EN 50463-1:2017 Raudteealased rakendused. Energiamõõtmised rongides. Osa 1: Üldnõuded	30.03.2020	EN 50463-1:2012	30.03.2020
EVS-EN 50463-2:2017 Raudteealased rakendused. Energiamõõtmised rongides. Osa 2: Energiamõõtmised	30.03.2020	EN 50463-2:2012	30.03.2020
EVS-EN 50463-2:2017/AC:2018 Raudteealased rakendused. Energiamõõtmised rongides. Osa 2: Energiamõõtmised	30.03.2020		
EVS-EN 50463-3:2017 Raudteealased rakendused. Energiamõõtmised rongides. Osa 3: Andmekäsitlus	30.03.2020	EN 50463-3:2012	30.03.2020
EVS-EN 50463-4:2017 Raudteealased rakendused. Energiamõõtmised rongides. Osa 4: Andmeside	30.03.2020	EN 50463-4:2012	30.03.2020
EVS-EN 50463-5:2017 Raudteealased rakendused. Energiamõõtmised rongides. Osa 5: Vastavushindamine	30.03.2020	EN 50463-5:2012	30.03.2020

Direktiiv 90/385/EMÜ
Aktiivsed siirdatavad meditsiiniseadmed
 Komisjoni rakendusotsus (EL) 2020/438
 (EL Teataja 2020/L 90 I/25)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN ISO 10993-11:2018 Meditsiiniseadmete bioloogiline hindamine. Osa 11: Katsed süsteemse toksilisuse hindamiseks	25.03.2020	EN ISO 10993-11:2009	30.09.2021
EVS-EN ISO 11137-1:2015/A2:2019 Tervishoiutoodete steriliseerimine. Kiirgus. Osa 1: Nõuded meditsiiniseadmete steriliseerimisprotsessi väljatöötamisele, valideerimisele ja tavakontrollile. Muudatus 2: Jaotiste 4.3.4 and 11.2 parandamine	25.03.2020		
EVS-EN ISO 13408-2:2018 Tervishoiutoodete aseptiline töötlemine. Osa 2: Steriliseeriv filtreerimine	25.03.2020	EN ISO 13408-2:2011	30.09.2021
EVS-EN ISO 13485:2016/AC:2018 Meditsiiniseadmed. Kvaliteedijuhtimissüsteemid. Normatiivsed nõuded	25.03.2020		
EVS-EN ISO 25424:2019 Tervishoiutoodete steriliseerimine. Madalatemperatuurine aur ja formaldehüüd. Nõuded meditsiiniseadme steriliseerimisprotsessi väljatöötamiseks, valideerimiseks ja rutiinseks kontrolliks	25.03.2020		

Direktiiv 93/42/EMÜ
Meditsiinivahendid
 Komisjoni rakendusotsus (EL) 2020/437
 (EL Teataja 2020/L 90 I/01)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse
EVS-EN 13795-1:2019 Kirurgilised rõivad ja drapeeringud. Nõuded ja katsemeetodid. Osa 1: Kirurgilised drapeeringud ja kitlid	25.03.2020		
EVS-EN 13795-2:2019 Kirurgilised rõivad ja drapeeringud. Nõuded ja katsemeetodid. Osa 2: Kaitseülkonnad	25.03.2020		
EVS-EN 13976-2:2018 Päästesüsteemid. Inkubaatorite transportimine. Osa 2: Süsteeminõuded	25.03.2020	EN 13976-2:2011	30.09.2021
EVS-EN 14683:2019 Meditsiinilised maskid. Nõuded ja katsemeetodid (parandatud väljaanne 07.2019)	25.03.2020	EN 14683:2005	30.09.2021
EVS-EN ISO 10993-11:2018 Meditsiiniseadmete bioloogiline hindamine. Osa 11: Katsed süsteemse toksilisuse hindamiseks	25.03.2020	EN ISO 10993-11:2009	30.09.2021
EVS-EN ISO 11137-1:2015/A2:2019 Tervishoiutoodete steriliseerimine. Kiirgus. Osa 1: Nõuded meditsiiniseadmete steriliseerimisprotsessi väljatöötamisele, valideerimisele ja tavakontrollile. Muudatus 2: Jaotiste 4.3.4 and 11.2 parandamine	25.03.2020		
EVS-EN ISO 11608-7:2017 Nõelinfusiooni süsteemid meditsiiniliseks kasutamiseks. Nõuded ja katsemeetodid. Osa 7: Nägemispuudega inimestele mõeldud rakendused	25.03.2020		
EVS-EN ISO 11990:2018 Laserid ja laseritega seotud varustus. Traheaaltorude šaftide ja trahhea-mansettide laserikindluse määramine	25.03.2020	EN ISO 11990-1:2014; EN ISO 11990-2:2014	30.09.2021

EVS-EN ISO 13408-2:2018 Tervishoiutoodete aseptiline töötlemine. Osa 2: Steriliseeriv filtreerimine	25.03.2020	EN ISO 13408-2:2011	30.09.2021
EVS-EN ISO 13485:2016/AC:2018 Meditsiiniseadmed. Kvaliteedijuhtimissüsteemid. Normatiivsed nõuded	25.03.2020		
EVS-EN ISO 15747:2019 Veenisesteks süstideks mõeldud plastanumad	25.03.2020	EN ISO 15747:2011	30.09.2021
EVS-EN ISO 15883-4:2018 Pesur-desinfektorid. Osa 4: Termotundliku endoskoobi keemiliseks desinfitseerimiseks kasutatavale pesur- desinfektorile esitatavad nõuded ja katsed	25.03.2020	EN ISO 15883-4:2009	30.09.2021
EVS-EN ISO 17664:2017 Meditsiiniseadmete steriliseerimine. Tootja poolt esitatav informatsioon resteriiliseeritavate meditsiiniseadmete käitlemise kohta	25.03.2020	EN ISO 17664:2004	30.09.2021
EVS-EN ISO 21987:2017 Oftalmiline optika. Paigaldatud prilliläätsed	25.03.2020	EN ISO 21987:2009	30.09.2021
EVS-EN ISO 25424:2019 Tervishoiutoodete steriliseerimine. Madalatemperatuurune aur ja formaldehüüd. Nõuded meditsiiniseadme steriliseerimisprotsessi väljatöötamiseks, valideerimiseks ja rutiinseks kontrolliks	25.03.2020		
EVS-EN ISO 81060-2:2019 Mitteinvasiivsed sfügmomanomeetrid. Osa 2: Katkendliku automatiseeritud mõõteviisi kliinilised uuringud	25.03.2020		

Direktiiv 98/79/EÜ
In vitro meditsiinivahendid
Komisjoni rakendusotsus (EL) 2020/439
(EL Teataja 2020/L 90 I/33)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse
EVS-EN ISO 11137-1:2015/A2:2019 Tervishoiutoodete steriliseerimine. Kiirgus. Osa 1: Nõuded meditsiiniseadmete steriliseerimisprotsessi väljatöötamisele, valideerimisele ja tavakontrollile. Muudatus 2: Jaotiste 4.3.4 and 11.2 parandamine	25.03.2020		
EVS-EN ISO 13408-2:2018 Tervishoiutoodete aseptiline töötlemine. Osa 2: Steriliseeriv filtreerimine	25.03.2020	EN ISO 13408-2:2011	30.09.2021
EVS-EN ISO 13485:2016/AC:2018 Meditsiiniseadmed. Kvaliteedijuhtimissüsteemid. Normatiivsed nõuded	25.03.2020		
EVS-EN ISO 25424:2019 Tervishoiutoodete steriliseerimine. Madalatemperatuurune aur ja formaldehüüd. Nõuded meditsiiniseadme steriliseerimisprotsessi väljatöötamiseks, valideerimiseks ja rutiinseks kontrolliks	25.03.2020		

TAASKEHTESTATAV EESTI STANDARD

11 TERVISEHOOLDUS

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN ISO 24500:2010

Ergonomics - Accessible design - Auditory signals for consumer products

Keel: en

Alusdokumendid: ISO 24500:2010; EN ISO 24500:2010