

EVS

TEATAJA

Avaldatud 15.12.2023

Uued Eesti standardid

Standardikavandite **arvamusküsitlus**

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite **tõlked kommenteerimisel**

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

SISUKORD

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID	3
ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID.....	21
STANDARDIKAVANDITE ARVAMUSKÜSITLUS.....	30
TÕLKED KOMMENTEERIMISEL	57
TÜHISTAMISKÜSITLUS	58
UUED EESTIKEELSESD STANDARDID JA STANDARDILAADSED DOKUMENDID	59
STANDARDIPEALKIRJADE MUUTMINE	63
UUED HARMONEERITUD STANDARDID	64

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 16687:2023

Ehitustooted: Ohtlike ainete eraldumise hindamine. Terminoloogia

Construction products: Assessment of release of dangerous substances - Terminology

This document defines terms used in the field of the assessment of the release, and the content, of dangerous substances from/in construction products. The terms are classified under the following main headings: - Terms related to products and substances (general; soil, groundwater and surface water; indoor air); - Terms related to sampling and sample preparation; - Terms related to test procedures and test results (general; soil, groundwater and surface water; indoor air, radiation). An alphabetical index is provided. NOTE Further terms generally concerning the development and application of technical specifications for construction products which fall under the scope of the construction products regulation (CPR) are listed in Annex A; their definitions are given in a Glossary by the European Commission, DG Enterprise and Industry (2014).

Keel: en

Alusdokumendid: EN 16687:2023

Asendab dokumenti: EVS-EN 16687:2015

EVS-EN ISO 23953-1:2023

Külmletid. Osa 1: Sõnastik

Refrigerated display cabinets - Part 1: Vocabulary (ISO 23953-1:2023)

This document defines terms related to refrigerated display cabinets used for the sale and display of foodstuffs. It does not apply to refrigerated vending machines or cabinets intended for use in catering or similar non-retail applications.

Keel: en

Alusdokumendid: ISO 23953-1:2023; EN ISO 23953-1:2023

Asendab dokumenti: EVS-EN ISO 23953-1:2015

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

EVS-EN 17905:2023

Intelligent transport systems - eSafety - eCall HLAP in hybrid circuit switched/packet switched network environments

In respect of 112-eCall (pan-European eCall) (operating requirements defined in EN 16072), this document defines the additional high level application protocols, procedures and processes required to provide the eCall service whilst there are still both circuit switched and packet switched wireless communication networks in operation. NOTE The objective of implementing the pan-European in-vehicle emergency call system (eCall) is to automate the notification of a traffic accident, wherever in Europe, with the same technical standards and the same quality of services objectives by using a PLMN (such as ETSI prime medium) which supports the European harmonized 112/E112 emergency number (TS12 ETSI TS 122 003 or IMS packet switched network) and to provide a means of manually triggering the notification of an emergency incident.

Keel: en

Alusdokumendid: EN 17905:2023

EVS-EN 9104-1:2023

Aerospace series - Quality management systems - Part 1: Requirements for Certification of aviation, space, and defense

This document defines the industry-accepted requirements for the ICOP scheme, which provides confidence to ASD customers, that organizations with certification of their QMS, issued by accredited CBs, meet applicable AQMS standard requirements. The requirements in this document are applicable to all participants in the ICOP scheme. If there is a conflict between the requirements of this document, and customer or applicable statutory/regulatory requirements, the latter takes precedence.

Keel: en

Alusdokumendid: EN 9104-1:2023

Asendab dokumenti: EVS-EN 9104-001:2013

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN 15518-3:2023

Winter maintenance equipment - Road weather information systems - Part 3: Requirements on measured values of stationary equipment

This document specifies the terminology and performance requirements for all sensor components of stationary equipment within a Road Weather Information System (RWIS).

Keel: en

Alusdokumendid: EN 15518-3:2023

Asendab dokumenti: EVS-EN 15518-3:2011

CEN/TS 17981-1:2023

In vitro diagnostic Next Generation Sequencing (NGS) workflows - Part 1: Human DNA examination

This document specifies requirements and gives recommendations for next generation sequencing (NGS) workflows for in vitro diagnostics and biomedical research. This document covers the pre-examination processes, human DNA (somatic and germline) isolation, sequencing library preparation, sequencing, sequence analysis and reporting of the examination of sequences for diagnostic purposes from isolated DNA from, e.g. formalin-fixed and paraffin embedded tissues, fresh frozen tissues, fine needle aspirates (FNA), whole blood, circulating tumour cells (CTCs), exosomes and other extracellular vesicles, circulating cell free DNA from plasma, and DNA from saliva. NOTE 1 Typical applications include, but are not limited to, NGS for oncology, pharmacogenomics and clinical genetics; approaches include panels (e.g. disease panels, exome panels, target gene panels and in silico panels), exome and whole genome sequencing, as well as certain epigenetics and certain single-cell analyses. This document is applicable to molecular in vitro diagnostic examinations including laboratory developed tests performed by medical laboratories, molecular pathology laboratories and molecular genetic laboratories. This document is also applicable to laboratory customers, in vitro diagnostics developers and manufacturers, biobanks, institutions, and organizations performing biomedical research. This document is not applicable for in situ sequencing, DNA-mediated protein sequencing, forensic sequencing, sequencing of pathogens or microorganisms and microbiome analysis. NOTE 2 International, national or regional regulations or requirements or multiples of them can also apply to specific topics covered in this document.

Keel: en

Alusdokumendid: CEN/TS 17981-1:2023

CEN/TS 17981-2:2023

In vitro diagnostic Next Generation Sequencing (NGS) workflows - Part 2: Human RNA examination

This document specifies requirements and gives recommendations for next generation sequencing (NGS) workflows for in vitro diagnostics and biomedical research. This document covers the pre-examination processes, human RNA isolation, sequencing library preparation, sequencing, sequence analysis and reporting of the examination of sequences for diagnostic purposes from isolated RNA from, e.g. formalin-fixed and paraffin embedded tissues, fresh frozen tissues, fine needle aspirates (FNA), whole blood, circulating tumour cells (CTCs), exosomes and other extracellular vesicles, and circulating cell free RNA from plasma. NOTE 1 Typical applications include, but are not limited to, NGS for oncology and clinical genetics, certain single-cell analyses. This document is applicable to molecular in vitro diagnostic examinations including laboratory developed tests performed by medical laboratories, molecular pathology laboratories and molecular genetic laboratories. This document is also applicable to laboratory customers, in vitro diagnostics developers and manufacturers, biobanks, institutions, and organisations performing biomedical research. This document is not applicable for in situ sequencing, forensic sequencing, sequencing of pathogens or microorganisms and microbiome analysis. NOTE 2 International, national or regional regulations or requirements or multiples of them can also apply to specific topics covered in this document.

Keel: en

Alusdokumendid: CEN/TS 17981-2:2023

EVS-EN 455-3:2023

Ühekordselt kasutatavad meditsiinilised kindad. Osa 3: Bioloogilise hindamise nõuded ja katsetamine

Medical gloves for single use - Part 3: Requirements and testing for biological evaluation

This part of EN 455 specifies requirements for the evaluation of biological safety for medical gloves for single use. It gives requirements for labelling and the disclosure of information relevant to the test methods used.

Keel: en

Alusdokumendid: EN 455-3:2023

Asendab dokumenti: EVS-EN 455-3:2015

EVS-EN IEC 60601-2-50:2021/A1:2023

Elektrilised meditsiiniseadmed. Osa 2-50: Erinõuded väikelaste valgusraviseadmete esmasele ohutusele ja olulistele toimimisnäitajatele

Medical electrical equipment - Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment

Amendment to EN IEC 60601-2-50:2021

Keel: en

Alusdokumendid: IEC 60601-2-50:2020/AMD1:2023; EN IEC 60601-2-50:2021/A1:2023

Muudab dokumenti: EVS-EN IEC 60601-2-50:2021

EVS-EN ISO 10555-1:2023

Intravascular catheters - Sterile and single-use catheters - Part 1: General requirements (ISO 10555-1:2023)

This document specifies general requirements for intravascular catheters, supplied sterile and intended for single use, for any application. This document does not apply to intravascular catheter accessories, e.g. those covered by ISO 11070.

Keel: en
Alusdokumendid: ISO 10555-1:2023; EN ISO 10555-1:2023
Asendab dokumenti: EVS-EN ISO 10555-1:2013
Asendab dokumenti: EVS-EN ISO 10555-1:2013/A1:2017

EVS-EN ISO 10555-4:2023

Intravascular catheters - Sterile and single-use catheters - Part 4: Balloon dilatation catheters (ISO 10555-4:2023)

This document specifies requirements for balloon dilatation catheters supplied sterile and intended for single use. This document does not specify requirements for vascular stents (see ISO 25539-2). NOTE Guidance on the selection of balloon materials is given in Annex G.

Keel: en
Alusdokumendid: ISO 10555-4:2023; EN ISO 10555-4:2023
Asendab dokumenti: EVS-EN ISO 10555-4:2013

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 15518-3:2023

Winter maintenance equipment - Road weather information systems - Part 3: Requirements on measured values of stationary equipment

This document specifies the terminology and performance requirements for all sensor components of stationary equipment within a Road Weather Information System (RWIS).

Keel: en
Alusdokumendid: EN 15518-3:2023
Asendab dokumenti: EVS-EN 15518-3:2011

EVS-EN 17908:2023

Algae and algae products - Methods of sampling and analysis - Determination of total lipids content using the Ryckebosch-Foubert method

This document specifies a laboratory method for the determination of the total lipid content in micro- and macroalgae by the Ryckebosch-Foubert method.

Keel: en
Alusdokumendid: EN 17908:2023

EVS-EN IEC 60335-2-14:2023/A1:2023

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

This European Standard deals with the safety of electric kitchen machines for household and similar purposes, their rated voltage being not more than 250 V.

Keel: en
Alusdokumendid: EN IEC 60335-2-14:2023/A1:2023; IEC 60335-2-14:2016/AMD1:2019
Muudab dokumenti: EVS-EN IEC 60335-2-14:2023

EVS-EN IEC 60335-2-14:2023/A11:2023

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

This European Standard deals with the safety of electric kitchen machines for household and similar purposes, their rated voltage being not more than 250 V.

Keel: en
Alusdokumendid: EN IEC 60335-2-14:2023/A11:2023
Muudab dokumenti: EVS-EN IEC 60335-2-14:2023
Muudab dokumenti: EVS-EN IEC 60335-2-14:2023/A1:2023

EVS-EN IEC 60335-2-4:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-4: Erinõuded tsentrifuugidele Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors

IEC 60335-2-4:2021 deals with the safety of stand-alone electric spin extractors and spin extractors incorporated in washing machines that have separate containers for washing and spin extraction for household and similar purposes that have a capacity not exceeding 10 kg of dry cloth and a drum peripheral speed not exceeding 50 m/s, their rated voltages being not more than 250 V for single-phase appliances and 480 V for other appliances. Appliances not intended for normal household use

but which nevertheless may be a source of danger to the public, such as spin extractors intended to be used by laymen in shops, in light industry and on farms, and spin extractors for communal use in blocks of flats or in laundrettes, are within the scope of this standard. As far as is practicable, this standard deals with the common hazards presented by appliances which are encountered by all persons in and around the home. Attention is drawn to the fact that: - for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements can be necessary; - in many countries, additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour, the national water supply authorities and similar authorities. This standard does not apply to: - appliances intended exclusively for industrial purposes; - appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas). This seventh edition cancels and replaces the sixth edition published in 2008, Amendment 1:2012 and Amendment 2:2017. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - aligns the text with IEC 60335-1, Ed 5, and its Amendments 1 and 2; - replacement of the term definition of accessible part to include test probe 18; - addition of test probe 18 for accessibility of live parts. This part 2 is to be used in conjunction with the fifth edition of IEC 60335-1:2010 and its amendments.

Keel: en

Alusdokumendid: IEC 60335-2-4:2021; EN IEC 60335-2-4:2023

Asendab dokumenti: EVS-EN 60335-2-4:2010

Asendab dokumenti: EVS-EN 60335-2-4:2010/A1:2015

Asendab dokumenti: EVS-EN 60335-2-4:2010/A11:2018

Asendab dokumenti: EVS-EN 60335-2-4:2010/A2:2019

EVS-EN IEC 60335-2-4:2023/A11:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-4: Erinõuded tsentrifuugidele Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors

This European Standard with the safety of stand-alone electric spin extractors, and pin extractors incorporated in washing machines that have separate containers for washing and spin extraction for household and similar purposes that have a capacity not exceeding 10 kg of dry cloth and a drum peripheral speed not exceeding 50 m/s, their rated voltages being not more than 250 V for single-phase appliances and 480 V for other appliances

Keel: en

Alusdokumendid: EN IEC 60335-2-4:2023/A11:2023

Muudab dokumenti: EVS-EN IEC 60335-2-4:2023

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

EVS-EN IEC 61557-7:2022/A1:2023

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitstesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 7: Faasijärjestus Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 7: Phase sequence

Standardi EVS-EN IEC 61557-7:2022 muudatus.

Keel: en, et

Alusdokumendid: EN IEC 61557-7:2022/A1:2023; IEC 61557-7:2019/AMD1:2023

Muudab dokumenti: EVS-EN IEC 61557-7:2022

EVS-EN IEC 61557-7:2022+A1:2023

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitstesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 7: Faasijärjestus Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 7: Phase sequence (IEC 61557-7:2019)

Standardisarja IEC 61557 see osa sätestab nõuded kolme faasilises jaotussüsteemis faasijärjestuse katsetamiseks kasutatavatele mõõteseadmetele. Faasijärjestuse näit võib olla mehaaniline, visuaalne ja/või akustiline. See dokument ei kehti muude suuruste täiendavate mõõtmiste kohta. See ei kehti ka seirereleede kohta. MÄRKUS Üldkasutatavad kolme faasilised süsteemid on esitatud standardi IEC 61010-1:2010 lisas I ja selle muudatuse IEC 61010-1:2010/AMD1:2016 lisas I.

Keel: en, et

Alusdokumendid: EN IEC 61557-7:2022; IEC 61557-7:2019; IEC 61557-7:2019/AMD1:2023; EN IEC 61557-7:2022/A1:2023

Konsolideerib dokumenti: EVS-EN IEC 61557-7:2022

Konsolideerib dokumenti: EVS-EN IEC 61557-7:2022/A1:2023

EVS-EN IEC 62631-3-2:2023

Dielectric and resistive properties of solid insulating materials - Part 3-2: Determination of resistive properties (DC methods) - Surface resistance and surface resistivity

IEC 62631-3-2:2023 describes methods of test for the determination of surface resistance and surface resistivity of electrical insulation materials by applying DC voltage. This edition includes the following significant technical changes with respect to the previous edition: a) descriptions of the electrode arrangements have been clarified; b) new descriptions of the conductive means

have been added; c) a new informative Annex B summarizing the results of the comparative verification study on surface resistivities using different electrode arrangements has been added.

Keel: en

Alusdokumendid: IEC 62631-3-2:2023; EN IEC 62631-3-2:2023

Asendab dokumenti: EVS-EN 62631-3-2:2016

19 KATSETAMINE

EVS-EN IEC 60721-2-6:2023/AC:2023

Classification of environmental conditions - Part 2-6: Environmental conditions appearing in nature - Earthquake vibration and shock

Corrigendum to EN IEC 60721-2-6:2023

Keel: en

Alusdokumendid: EN IEC 60721-2-6:2023/AC:2023-12; IEC 60721-2-6:2022/COR1:2023

Parandab dokumenti: EVS-EN IEC 60721-2-6:2023

EVS-EN ISO 5580:2023

Non-destructive testing - Industrial radiographic illuminators - Minimum requirements (ISO 5580:2023)

The function of an industrial radiographic illuminator is to provide sufficient diffuse light for viewing of developed radiographic films (radiographs). This document specifies the minimum requirements for industrial radiographic illuminators used for viewing radiographs.

Keel: en

Alusdokumendid: ISO 5580:2023; EN ISO 5580:2023

Asendab dokumenti: EVS-EN 25580:1999

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 1092-2:2023

Flanges and their joints - Circular flanges for pipes, valves, fittings and accessories, PN designated - Part 2: Cast iron flanges

This document specifies requirements for circular flanges made from ductile, grey and malleable cast iron for DN 10 to DN 400 and PN 2,5 to PN 100. See 4.1 and 4.2 for information regarding allowed DN and PN. This document specifies the types of flanges and their facings, dimension and tolerances, bolt sizes, surface finish of jointing faces, marking, testing, quality assurance and materials together with associated pressure/temperature (p/T) ratings.

Keel: en

Alusdokumendid: EN 1092-2:2023

Asendab dokumenti: EVS-EN 1092-2:1999

25 TOOTMISTEHNOLOOGIA

EVS-EN IEC 62453-71:2023

Field device tool (FDT) interface specification - Part 71: OPC UA Information Model for FDT

IEC 62453-71:2023 specifies an OPC UA Information Model to represent the device information based on FDT-defined device integration.

Keel: en

Alusdokumendid: IEC 62453-71:2023; EN IEC 62453-71:2023

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN IEC 62282-4-202:2023

Fuel cell technologies - Part 4-202: Fuel cell power systems for propulsion and auxiliary power units - Unmanned aircrafts - Performance test methods

IEC 62282-4-202:2023 covers performance test methods of fuel cell power systems intended to be used to power unmanned aircrafts, including general requirements, start-up, shutdown, power output, continuous running time, electric efficiency, data transmission, warning and monitoring, environmental compatibility, etc. The scope of this document is limited to electrically powered unmanned aircrafts with a maximum take-off mass not exceeding 150 kg (i.e. level 5 or lower unmanned aircrafts (UAs)). This document applies to fuel cell power systems with a rated output voltage not exceeding 220 V DC for outdoor use. This document applies only to compressed gaseous hydrogen-fuelled fuel cell power systems.

Keel: en

Alusdokumendid: IEC 62282-4-202:2023; EN IEC 62282-4-202:2023

CWA 18059-1:2023**Definition of parameters required for modelling of the material, cell and manufacturing process behaviour for battery cells for the automotive market - Part 1: Data required for modelling the material, cell and manufacturing process for cells for the automotive market**

This document specifies the data required for modelling the material, cell and manufacturing process for cells for the automotive market, based on physical and chemical characteristics of cells of NMC622/G, NMC811/G-Si, LMNO/G-Si chemistry types. This document shall be read in conjunction with the document CWA 18059-2:2023 "Definition of parameters required for modelling of the material, cell and manufacturing process behaviour for battery cells for the automotive market - Part 2: Experiments and characterisation techniques for data required for modelling cells".

Keel: en

Alusdokumendid: CWA 18059-1:2023

CWA 18059-2:2023**Definition of parameters required for modelling of the material, cell and manufacturing process behaviour for battery cells for the automotive market - Part 2: Experiments and characterisation techniques for data required for modelling cells**

This document specifies the most suitable experiment(s) needed for obtaining the data required for modelling the material, cell and manufacturing process for cells for the automotive market, based on physical and chemical characteristics of cells of NMC622/G, NMC811/G-Si, LMNO/G-Si chemistry types. This document shall be read in conjunction with the document CWA 18059-1:2023 "Definition of parameters required for modelling of the material, cell and manufacturing process behaviour for battery cells for the automotive market - Part 1: Data required for modelling the material, cell and manufacturing process for cells for the automotive market".

Keel: en

Alusdokumendid: CWA 18059-2:2023

EVS-EN 60811-201:2012/A2:2023**Elektrilised kaablid ja optilised kiudkaablid. Mittemetallmaterjalide katsetusviisid. Osa 201: Üldkatsetused. Isolatsiooni paksuse mõõtmine****Electric and optical fibre cables - Test methods for non-metallic materials - Part 201: General tests - Measurement of insulation thickness**

Amendment to EN 60811-201:2012

Keel: en

Alusdokumendid: IEC 60811-201:2012/AMD2:2023; EN 60811-201:2012/A2:2023

Muudab dokumenti: EVS-EN 60811-201:2012

EVS-EN 60811-202:2012/A2:2023**Elektrilised kaablid ja optilised kiudkaablid. Mittemetallmaterjalide katsetusviisid. Osa 202: Üldkatsetused. Mittemetallmantli paksuse mõõtmine****Electric and optical fibre cables - Test methods for non-metallic materials - Part 202: General tests - Measurement of thickness of non-metallic sheath**

Amendment to EN 60811-202:2012

Keel: en

Alusdokumendid: IEC 60811-202:2012/AMD2:2023; EN 60811-202:2012/A2:2023

Muudab dokumenti: EVS-EN 60811-202:2012

EVS-EN 60811-501:2012/A2:2023**Elektrilised kaablid ja optilised kiudkaablid. Mittemetallmaterjalide katsetusviisid. Osa 501: Mehaanilised katsetused. Isoleer- ja mantlikompaundide katsetamine mehaaniliste tunnussuuruste kindlakstegemiseks****Electric and optical fibre cables - Test methods for non-metallic materials - Part 501: Mechanical tests - Tests for determining the mechanical properties of insulating and sheathing compounds**

Amendment to EN 60811-501:2012

Keel: en

Alusdokumendid: IEC 60811-501:2012/AMD2:2023; EN 60811-501:2012/A2:2023

Muudab dokumenti: EVS-EN 60811-501:2012

EVS-EN 60811-503:2012/A1:2023

Elektrilised kaablid ja optilised kiudkaablid. Mittemetallmaterjalide katsetusviisid. Osa 503: Mehaanilised katsetused. Mantlite kokkutõmbuvuse katsetamine
Electric and optical fibre cables - Test methods for non-metallic materials - Part 503: Mechanical tests - Shrinkage test for sheaths

Amendment to EN 60811-503:2012

Keel: en

Alusdokumendid: IEC 60811-503:2012/AMD1:2023; EN 60811-503:2012/A1:2023

Muudab dokumenti: EVS-EN 60811-503:2012

EVS-EN 60811-508:2012/A2:2023

Elektrilised kaablid ja optilised kiudkaablid. Mittemetallmaterjalide katsetusviisid. Osa 508: Mehaanilised katsetused. Isolatsiooni ja mantlite survekatsetamine kõrgel temperatuuril
Electric and optical fibre cables - Test methods for non-metallic materials - Part 508: Mechanical tests - Pressure test at high temperature for insulation and sheaths

Amendment to EN 60811-508:2012

Keel: en

Alusdokumendid: IEC 60811-508:2012/AMD2:2023; EN 60811-508:2012/A2:2023

Muudab dokumenti: EVS-EN 60811-508:2012

EVS-EN IEC 60071-11:2022/AC:2023

Insulation co-ordination - Part 11 : Definitions, principles and rules for HVDC system

Corrigendum to EN IEC 60071-11:2022

Keel: en

Alusdokumendid: EN IEC 60071-11:2022/AC:2023-12; IEC 60071-11:2022/COR1:2023

Parandab dokumenti: EVS-EN IEC 60071-11:2022

EVS-EN IEC 61557-7:2022/A1:2023

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitseüsteemide katsetus-, mõõte- ja seireseadmed. Osa 7: Faasijärjestus
Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 7: Phase sequence

Standardi EVS-EN IEC 61557-7:2022 muudatus.

Keel: en, et

Alusdokumendid: EN IEC 61557-7:2022/A1:2023; IEC 61557-7:2019/AMD1:2023

Muudab dokumenti: EVS-EN IEC 61557-7:2022

EVS-EN IEC 61557-7:2022+A1:2023

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitseüsteemide katsetus-, mõõte- ja seireseadmed. Osa 7: Faasijärjestus
Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 7: Phase sequence (IEC 61557-7:2019)

Standardisarja IEC 61557 see osa sätestab nõuded kolmefaasilises jaotussüsteemis faasijärjestuse katsetamiseks kasutatavatele mõõteseadmetele. Faasijärjestuse näit võib olla mehaaniline, visuaalne ja/või akustiline. See dokument ei kehti muude suuruste täiendavate mõõtmiste kohta. See ei kehti ka seirereleede kohta. MÄRKUS Üldkasutatavad kolmefaasilised süsteemid on esitatud standardi IEC 61010-1:2010 lisas I ja selle muudatuse IEC 61010-1:2010/AMD1:2016 lisas I.

Keel: en, et

Alusdokumendid: EN IEC 61557-7:2022; IEC 61557-7:2019; IEC 61557-7:2019/AMD1:2023; EN IEC 61557-7:2022/A1:2023

Konsolideerib dokumenti: EVS-EN IEC 61557-7:2022

Konsolideerib dokumenti: EVS-EN IEC 61557-7:2022/A1:2023

EVS-EN IEC 62631-3-2:2023

Dielectric and resistive properties of solid insulating materials - Part 3-2: Determination of resistive properties (DC methods) - Surface resistance and surface resistivity

IEC 62631-3-2:2023 describes methods of test for the determination of surface resistance and surface resistivity of electrical insulation materials by applying DC voltage. This edition includes the following significant technical changes with respect to the previous edition: a) descriptions of the electrode arrangements have been clarified; b) new descriptions of the conductive means have been added; c) a new informative Annex B summarizing the results of the comparative verification study on surface resistivities using different electrode arrangements has been added.

Keel: en

31 ELEKTROONIKA

EVS-EN IEC 60393-4:2023

Potentiometers for use in electronic equipment - Part 4: Sectional specification: Single-turn rotary power potentiometers

IEC 60393-4:2023 is applicable to single-turn rotary power potentiometers wire-wound technology. Enamelled, cemented, moulded, enclosed. This specification is applicable to rotary potentiometers with nominal dissipation in excess of 10 W, the resistive element of which consists of a wire or a wound tape. All the potentiometers specified by this specification are slider-driven without reduction. Their stroke less than 360° is limited by stops. This document specifies preferred ratings and characteristics and selects from IEC 60393-1, appropriate quality assessment procedures, tests and measuring methods. It provides general performance requirements for this type of potentiometer. This document gives the minimum performance requirements and test severities. Annex A lists the letters and symbols used in the clauses of this document. This edition includes the following significant technical changes with respect to the previous edition: a) the document structure has been organized to follow new sectional specification structure decided in TC 40; b) the information on the assessment level EZ and FZ (zero nonconforming) has been revised.

Keel: en

Alusdokumendid: IEC 60393-4:2023; EN IEC 60393-4:2023

EVS-EN IEC 63215-2:2023

Endurance test methods for die attach materials - Part 2: Temperature cycling test method for die attach materials applied to discrete type power electronic devices

IEC 63215-2:2023 applies to the die attach materials and joining system applied to discrete type power electronic devices. This document specifies the temperature cycling test method which takes into account the actual usage conditions of discrete type power electronic devices to evaluate reliability of the die attach joint materials and joining system, and establishes a classification level for joining reliability (reliability performance index). The test method specified in this document is not intended to evaluate power semiconductor devices themselves. The test method specified in this document is not regarded as the one for use to guarantee the reliability of the power semiconductor device packages. NOTE The test result obtained using this document will not be used as absolute quantitative data, but for intercomparison with the other die attach materials results using the same setup.

Keel: en

Alusdokumendid: IEC 63215-2:2023; EN IEC 63215-2:2023

EVS-EN IEC 63251:2023

Test method for mechanical properties of flexible opto-electric circuit boards under thermal stress

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

Keel: en

Alusdokumendid: IEC 63251:2023; EN IEC 63251:2023

33 SIDETEHNIKA

EVS-EN IEC 60966-3:2023

Radio frequency and coaxial cable assemblies - Part 3: Sectional specification for semi-flexible coaxial cable assemblies

IEC 60966-3:2023 is a sectional specification that relates to semi-flexible coaxial cable assemblies operating in the transverse electromagnetic mode (TEM). It specifies the design and construction, IEC type designation, workmanship, marking and packaging, standard rating and characteristics, electrical, mechanical and environmental requirements of finished semi-flexible cable assemblies, quality assessment, delivery and storage, etc. This part of IEC 60966 applies to semi-flexible cable assemblies composed of semi-flexible coaxial cables and coaxial connectors. Semi-flexible cable assemblies are widely used in mobile communication systems, microwave test equipment, radar, aerospace and other fields. NOTE 1 For the purpose of this sectional specification, a cable assembly is always regarded as an integral unit. All specifications apply to the finished assembly and not to individual and non-assembled parts thereof. NOTE 2 This sectional specification can be supplemented with detail specifications giving additional details as required by the particular application. This application will not necessarily require all tests.

Keel: en

Alusdokumendid: IEC 60966-3:2023; EN IEC 60966-3:2023

Asendab dokumenti: EVS-EN 60966-3:2009

EVS-EN IEC 60966-3-1:2023

Radio frequency and coaxial cable assemblies - Part 3-1: Blank detail specification for semi-flexible coaxial cable assemblies

IEC 60966-3-1:2023 is a blank detail specification that relates to semi-flexible coaxial cable assemblies operating in the transverse electromagnetic mode (TEM). The creation of a uniform layout and style of detail specifications is determined by the use of a blank detail specification pro forma. The detail specification can be prepared by the insertion of data into the pro forma by a national organization, a manufacturer, or a user.

Keel: en

Alusdokumendid: IEC 60966-3-1:2023; EN IEC 60966-3-1:2023

Asendab dokumenti: EVS-EN 60966-3-1:2009

EVS-EN IEC 63138-2:2023

Multi-channel radio-frequency connectors - Part 2: Sectional specification for MQ4 series circular connectors

IEC 63138-2:2023, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for MQ4 series circular connectors with four RF channels, as well as a detailed specification of the blank format. An MQ4 series circular connector with 50 Ω nominal impedance has four RF channels which can be engaged and disengaged at the same time. There are two versions of plug connectors, one is a quick-lock version, and the other is a threaded version. The socket connector provides two coupling mechanisms, a quick-lock and a threaded coupling. MQ4 series circular connectors can be used in mobile communication systems and in other communication equipment. This document also specifies the mating face dimensions and gauging information of MQ4 series circular connectors, and tests selected from IEC 63138-1, applicable to all detail specifications relating to MQ4 series circular connectors.

Keel: en

Alusdokumendid: IEC 63138-2:2023; EN IEC 63138-2:2023

Asendab dokumenti: EVS-EN IEC 63138-2:2021

35 INFOTEHNOLOOGIA

EVS-EN 15518-3:2023

Winter maintenance equipment - Road weather information systems - Part 3: Requirements on measured values of stationary equipment

This document specifies the terminology and performance requirements for all sensor components of stationary equipment within a Road Weather Information System (RWIS).

Keel: en

Alusdokumendid: EN 15518-3:2023

Asendab dokumenti: EVS-EN 15518-3:2011

EVS-EN 17905:2023

Intelligent transport systems - eSafety - eCall HLAP in hybrid circuit switched/packet switched network environments

In respect of 112-eCall (pan-European eCall) (operating requirements defined in EN 16072), this document defines the additional high level application protocols, procedures and processes required to provide the eCall service whilst there are still both circuit switched and packet switched wireless communication networks in operation. NOTE The objective of implementing the pan-European in-vehicle emergency call system (eCall) is to automate the notification of a traffic accident, wherever in Europe, with the same technical standards and the same quality of services objectives by using a PLMN (such as ETSI prime medium) which supports the European harmonized 112/E112 emergency number (TS12 ETSI TS 122 003 or IMS packet switched network) and to provide a means of manually triggering the notification of an emergency incident.

Keel: en

Alusdokumendid: EN 17905:2023

EVS-EN 17926:2023

Privacy Information Management System per ISO/IEC 27701 - Refinements in European context

This document specifies refinements for an application of ISO/IEC 27701 in a European context. An organization can use this document for the implementation of the generic requirements and controls of ISO/IEC 27701 according to its context and its applicable obligations. Certification bodies can use the specifications in this document as a basis for certification criteria verifying conformity to ISO/IEC 27701. Certification criteria based on these specifications can provide a certification model under ISO/IEC 17065 for processing operations performed within the scope of a Privacy Information Management System according to ISO/IEC 27701, which can be combined with certification requirements for ISO/IEC 27701 under ISO/IEC 17021. Accreditation bodies or regulatory authorities can use provisions in this document as criteria to establish certification mechanisms.

Keel: en

Alusdokumendid: EN 17926:2023

EVS-EN IEC 61139-3:2023

Industrial networks - Single-drop digital communication interface - Part 3: Wireless extensions

IEC 61139-3:2023 specifies a wireless single-drop digital communication interface (SDCI wireless). This is an extension to the single-drop digital communication interface (SDCI) technology that is specified in IEC 61131-9. This document specifies the wireless communication services and protocol (physical layer, data link layer and application layer in accordance with the ISO/OSI reference model) for W-Masters and W-Devices. NOTE This document does not cover the integration into higher level systems such as fieldbuses.

Keel: en

Alusdokumendid: IEC 61139-3:2023; EN IEC 61139-3:2023

EVS-EN ISO/IEC 15408-1:2023

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 1: Introduction and general model (ISO/IEC 15408-1:2022)

This document establishes the general concepts and principles of IT security evaluation and specifies the general model of evaluation given by various parts of the standard which in its entirety is meant to be used as the basis for evaluation of security properties of IT products. This document provides an overview of all parts of the ISO/IEC 15408 series. It describes the various parts of the ISO/IEC 15408 series; defines the terms and abbreviations to be used in all parts of the standard; establishes the core concept of a Target of Evaluation (TOE); describes the evaluation context and describes the audience to which the evaluation criteria is addressed. An introduction to the basic security concepts necessary for evaluation of IT products is given. This document introduces: — the key concepts of Protection Profiles (PP), PP-Modules, PP-Configurations, packages, Security Targets (ST), and conformance types; — a description of the organization of security components throughout the model; — the various operations by which the functional and assurance components given in ISO/IEC 15408-2 and ISO/IEC 15408-3 can be tailored through the use of permitted operations; — general information about the evaluation methods given in ISO/IEC 18045; — guidance for the application of ISO/IEC 15408-4 in order to develop evaluation methods (EM) and evaluation activities (EA) derived from ISO/IEC 18045; — general information about the pre-defined Evaluation Assurance Levels (EALs) defined in ISO/IEC 15408-5; — information in regard to the scope of evaluation schemes.

Keel: en

Alusdokumendid: ISO/IEC 15408-1:2022; EN ISO/IEC 15408-1:2023

Asendab dokumenti: EVS-EN ISO/IEC 15408-1:2020

EVS-EN ISO/IEC 15408-2:2023

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 2: Security functional components (ISO/IEC 15408-2:2022)

This document defines the required structure and content of security functional components for the purpose of security evaluation. It includes a catalogue of functional components that will meet the common security functionality requirements of many IT products.

Keel: en

Alusdokumendid: ISO/IEC 15408-2:2022; EN ISO/IEC 15408-2:2023

Asendab dokumenti: EVS-EN ISO/IEC 15408-2:2020

EVS-EN ISO/IEC 15408-3:2023

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 3: Security assurance components (ISO/IEC 15408-3:2022)

This document defines the assurance requirements of the ISO/IEC 15408 series. It includes the individual assurance components from which the evaluation assurance levels and other packages contained in ISO/IEC 15408-5 are composed, and the criteria for evaluation of Protection Profiles (PPs), PP-Configurations, PP-Modules, and Security Targets (STs).

Keel: en

Alusdokumendid: ISO/IEC 15408-3:2022; EN ISO/IEC 15408-3:2023

Asendab dokumenti: EVS-EN ISO/IEC 15408-3:2020

EVS-EN ISO/IEC 15408-4:2023

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 4: Framework for the specification of evaluation methods and activities (ISO/IEC 15408-4:2022)

The ISO/IEC 15408 series permits comparability between the results of independent security evaluations. The ISO/IEC 15408 series does so by providing a common set of requirements for the security functionality of IT products and for assurance measures applied to these IT products during a security evaluation. ISO/IEC 18045 provides a companion methodology for some of the assurance requirements specified in the ISO/IEC 15408 series, ISO/IEC 15408-1 and ISO/IEC 18045 also allow that more specific Evaluation Activities (EAs) may be derived for use in particular evaluation contexts. Specification of such Evaluation Activities is already occurring amongst practitioners and this creates a need for a specification for defining such Evaluation Activities. This document, ISO/IEC 15408-4, provides a standardised framework for specifying objective, repeatable and reproducible Evaluation Methods (EMs), and Evaluation Activities.

Keel: en

Alusdokumendid: ISO/IEC 15408-4:2022; EN ISO/IEC 15408-4:2023

EVS-EN ISO/IEC 15408-5:2023

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 5: Pre-defined packages of security requirements (ISO/IEC 15408-5:2022)

This document provides packages of security assurance and security functional requirements that have been identified as useful in support of common usage by stakeholders. EXAMPLE Examples of provided packages include the evaluation assurance levels (EAL) and the composed assurance packages (CAPs).

Keel: en

Alusdokumendid: ISO/IEC 15408-5:2022; EN ISO/IEC 15408-5:2023

43 MAANTEESÕIDUKITE EHITUS

EVS-EN IEC 61851-1:2019/AC:2023

Elektrisõidukite juhtivuslik laadimissüsteem. Osa 1: Üldnõuded Electric vehicle conductive charging system - Part 1: General requirements

Standardi EN IEC 61851-1:2019 parandus

Keel: en

Alusdokumendid: EN IEC 61851-1:2019/AC:2023-12; IEC 61851-1:2017/COR1:2023

Parandab dokumenti: EVS-EN IEC 61851-1:2019

45 RAUDTEETEHNIKA

EVS-EN 12663-1:2010+A2:2023

Raudteealased rakendused. Nõuded raudteeveeremi kerekonstruktsioonidele. Osa 1: Vedurid ja reisiveerem (ning alternatiivne meetod kaubavagunitele) Railway applications - Structural requirements of railway vehicle bodies - Part 1: Locomotives and passenger rolling stock (and alternative method for freight wagons)

This European Standard specifies minimum structural requirements for railway vehicle bodies. This European Standard specifies the loads vehicle bodies should be capable of sustaining, identifies how material data should be used and presents the principles to be used for design validation by analysis and testing. This European Standard applies to locomotives and passenger rolling stock. EN 12663-2 provides the verification procedure for freight wagons and also refers to the methods in this standard as an alternative for freight wagons. The railway vehicles are divided into categories which are defined only with respect to the structural requirements of the vehicle bodies. Some vehicles may not fit into any of the defined categories; the structural requirements for such railway vehicles should be part of the specification and be based on the principles presented in this European Standard. The standard applies to all railway vehicles within the EU and EFTA territories. The specified requirements assume operating conditions and circumstances such as are prevalent in these countries. In addition to the requirements of this European Standard the structure of all vehicles associated with passenger conveyance may generally be required to have features that will protect occupants in the case of collision accidents. These requirements are given in EN 15227.

Keel: en

Alusdokumendid: EN 12663-1:2010+A2:2023

Asendab dokumenti: EVS-EN 12663-1:2010+A1:2014

EVS-EN 13749:2021+A1:2023

Raudteealased rakendused. Rattapaarid ja pöördvankrid. Pöördvankri raami konstruktsiooninõuete spetsifitseerimise meetod Railway applications - Wheelsets and bogies - Method of specifying the structural requirements of bogie frames

This document specifies the method to be followed to achieve a satisfactory design of bogie frames and includes design procedures, assessment methods, verification and manufacturing quality requirements. It is limited to the structural requirements of bogie frames including bolsters and axlebox housings. For the purpose of this document, these terms are taken to include all functional attachments, e.g. damper brackets.

Keel: en

Alusdokumendid: EN 13749:2021+A1:2023

Asendab dokumenti: EVS-EN 13749:2021

EVS-EN 16286-2:2023

Railway applications - Gangway systems between vehicles - Part 2: Acoustic measurements

This document specifies a measurement method and conditions to obtain reproducible and comparable sound reduction indices of all kinds of rail bound vehicles' gangway systems as specified in EN 16286 1. The setup includes all components of the system mounted like this is done between two adjacent car bodies within the train, so that a person will be able to use the gangway system, consisting of e.g.: — the bridge system (footplate); — side panels; — flexible components (bellows); — mounting systems; — elements to couple parts in the case of separable gangway systems. The method is applicable to type testing of gangways. This method is not applicable to: — interior noise measurements in vehicles; — structure borne noise measurements. The type testing procedures specified in this document are of engineering grade (grade 2) in the frequency

range from 100 Hz up to 5 000 Hz. NOTE This is the preferred range for noise declaration purposes, as specified in EN ISO 12001. If test conditions are relaxed, the results are no longer of engineering grade (grade 2).

Keel: en

Alusdokumendid: EN 16286-2:2023

Asendab dokumenti: EVS-EN 16286-2:2013

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 16603-20:2023

Space engineering - Electrical and electronic

This Standard establishes the basic rules and general principles applicable to the electrical, electronic, electromagnetic, microwave and engineering processes. It specifies the tasks of these engineering processes and the basic performance and design requirements in each discipline. It defines the terminology for the activities within these areas. It defines the specific requirements for electrical subsystems and payloads, deriving from the system engineering requirements laid out in EN 16603-10 (equivalent of ECSS-E-ST-10 "Space engineering - System engineering general requirements".)

Keel: en

Alusdokumendid: EN 16603-20:2023

Asendab dokumenti: EVS-EN 16603-20:2020

EVS-EN 9104-1:2023

Aerospace series - Quality management systems - Part 1: Requirements for Certification of aviation, space, and defense

This document defines the industry-accepted requirements for the ICOP scheme, which provides confidence to ASD customers, that organizations with certification of their QMS, issued by accredited CBs, meet applicable AQMS standard requirements. The requirements in this document are applicable to all participants in the ICOP scheme. If there is a conflict between the requirements of this document, and customer or applicable statutory/regulatory requirements, the latter takes precedence.

Keel: en

Alusdokumendid: EN 9104-1:2023

Asendab dokumenti: EVS-EN 9104-001:2013

EVS-EN IEC 62282-4-202:2023

Fuel cell technologies - Part 4-202: Fuel cell power systems for propulsion and auxiliary power units - Unmanned aircrafts - Performance test methods

IEC 62282-4-202:2023 covers performance test methods of fuel cell power systems intended to be used to power unmanned aircrafts, including general requirements, start-up, shutdown, power output, continuous running time, electric efficiency, data transmission, warning and monitoring, environmental compatibility, etc. The scope of this document is limited to electrically powered unmanned aircrafts with a maximum take-off mass not exceeding 150 kg (i.e. level 5 or lower unmanned aircrafts (UAs)). This document applies to fuel cell power systems with a rated output voltage not exceeding 220 V DC for outdoor use. This document applies only to compressed gaseous hydrogen-fuelled fuel cell power systems.

Keel: en

Alusdokumendid: IEC 62282-4-202:2023; EN IEC 62282-4-202:2023

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN IEC 63203-201-2:2022/AC:2023

Wearable electronic devices and technologies - Part 201-2: Electronic textile - Measurement methods for basic properties of conductive fabrics and insulation materials

Corrigendum to EN IEC 63203-201-2:2022

Keel: en

Alusdokumendid: EN IEC 63203-201-2:2022/AC:2023-12; IEC 63203-201-2:2022/COR1:2023

Parandab dokumenti: EVS-EN IEC 63203-201-2:2022

EVS-EN ISO 9073-18:2023

Nonwovens - Test methods - Part 18: Determination of tensile strength and elongation at break using the grab tensile test (ISO 9073-18:2023)

This document specifies a test method for the determination of the breaking force of nonwovens using a grab method in conditioned or wet state. This test method is not applicable to materials which have a high percentage of stretch. Comparing test results from tensile testing machines operating on different principles is not applicable. This document specifies methods using constant rate of specimen extension (CRE) tensile testers. Constant-rate-of-loading (CRL) instruments is covered, for information, in ISO 2062:2009, Annex A, in recognition of the fact that these instruments are still in use and can be used by agreement.

Keel: en

Alusdokumendid: ISO 9073-18:2023; EN ISO 9073-18:2023

Asendab dokumenti: EVS-EN ISO 9073-18:2008

65 PÖLLUMAJANDUS

EVS-EN 15959:2023

Anorgaanilised väetised. Ekstraheeritud fosfori P2O5 määramine Inorganic fertilizers - Determination of extracted phosphorus P2O5

See dokument määrab kindlaks fosfori määramise meetodi väetiseekstraktides. Meetod on rakendatav kõikide väetiste ekstraktide puhul fosfori eri vormide määramiseks mineraalhapetes lahustuva fosforina, vees lahustuva fosforina, neutraalses ammoniumtsitraadi lahuses lahustuva fosforina, 2 % sidrunhappes lahustuva fosforina ja 2 % sipelghappe massifraktsioonis lahustuva fosforina. Meetod on kinnitatud rakendamiseks ainult anorgaaniliste väetiste puhul, kuid õigeid ekstraheerimismeetodeid kasutades saab seda kasutada kogu ekstraheeritud fosfori puhul.

Keel: en, et

Alusdokumendid: EN 15959:2023

Asendab dokumenti: EVS-EN 15959:2011

EVS-EN ISO 16119-5:2023

Põllumajandus- ja metsatööstusmasinad. Keskkonnanõuded taimekaitsepritsidele. Osa 5: Õhust pritsimise süsteemid Agricultural and forestry machinery - Environmental requirements for sprayers - Part 5: Aerial spray systems (ISO 16119-5:2023)

This document specifies requirements and the means for their verification for the design and performance of aerial fixed wing and rotary aircraft spray systems for agriculture, forestry, turf, and vegetation control in transport access ways (such as gas and electric lines) with regard to minimizing the potential risk of environmental contamination during use, including misuse foreseeable by the manufacturer. It is intended to be used with ISO 16119-1:2013, which gives general requirements common to all the sprayer types covered by ISO 16119. When requirements of this document are different from those stated in ISO 16119-1:2013, the requirements of this document take precedence over the requirements of ISO 16119-1:2013 for machines within the scope of this document. This document does cover safety of aerial spray equipment not covered by ISO 4254 series. This document is not applicable to sprayers manufactured before the date of its publication, or unmanned aerial vehicles (such as drones).

Keel: en

Alusdokumendid: ISO 16119-5:2023; EN ISO 16119-5:2023

71 KEEMILINE TEHNOLOOGIA

EVS-EN 117:2023

Wood preservatives - Determination of toxic values against Reticulitermes species (European termites) (Laboratory method)

This document specifies a method for the determination of the toxic values of a wood preservative against the Reticulitermes species of European termites. This method is applicable to: - water-insoluble chemicals which are being studied as active insecticides; - organic water-dispersible formulations as supplied or as prepared in the laboratory by dilution of concentrates; and - water-soluble materials, for example salts. NOTE This method can be used in conjunction with an ageing procedure, for example EN 73 or EN 84.

Keel: en

Alusdokumendid: EN 117:2023

Asendab dokumenti: EVS-EN 117:2012

EVS-EN 20-1:2023

Wood preservatives - Determination of the protective effectiveness against Lyctus Brunneus (Stephens) - Part 1: Application by surface treatment (laboratory method)

This part of the EN 20 series specifies a method for the determination of the protective effectiveness or the toxic values of a wood preservative against infection by Lyctus brunneus (Stephens) when the product is applied as a surface treatment to wood. This method is applicable to: - water-insoluble chemicals which are being studied as active insecticides; or - organic formulation, as supplied or as prepared in the laboratory by dilution of concentrates; or - organic water-dispersible formulations as supplied or as prepared in the laboratory by dilution of concentrates; or - water-soluble materials, for example salts. NOTE This method can be used in conjunction with ageing procedures, which do not remove the added nutrient.

Keel: en

Alusdokumendid: EN 20-1:2023

Asendab dokumenti: EVS-EN 20-1:2000

EVS-EN 20-2:2023

Wood preservatives - Determination of the protective effectiveness against Lyctus brunneus (Stephens) - Part 2: Application by impregnation (Laboratory method)

This part of the EN 20 series specifies a method for the determination of the protective effectiveness or the toxic values of a wood preservative against infection by Lyctus brunneus (Stephens) in wood which has been treated previously by full impregnation. This method is applicable to: - water-insoluble chemicals which are being studied as active insecticides; or - organic formulation, as supplied or as prepared in the laboratory by dilution of concentrates. This method is applicable to

water-based preservatives. NOTE This method can be used in conjunction with ageing procedures, which do not remove the added nutrient.

Keel: en

Alusdokumendid: EN 20-2:2023

Asendab dokumenti: EVS-EN 20-2:2003

EVS-EN 370:2023

Wood preservatives - Determination of eradicant efficacy in preventing emergence of *Anobium punctatum* (De Geer)

This document specifies a method for the determination of the curative action of a wood preservative against infestation by *Anobium punctatum* (De Geer) when the product is applied as a surface treatment to wood. This method is applicable to any surface-applied treatment that is intended to prevent emergence of adult beetles but not intended to kill larvae in infested timber. NOTE 1 This method can be used in conjunction with an ageing procedure, for example EN 73. NOTE 2 Products intended to kill larvae can be tested by the method described in EN 48.

Keel: en

Alusdokumendid: EN 370:2023

Asendab dokumenti: EVS-EN 370:2000

75 NAFTA JA NAFTATEHNOLOOGIA

CEN/TR 16389:2023

Automotive fuels - Paraffinic diesel fuel and blends with FAME - Background to the parameters required and their respective limits and determination

This document explains the requirements and test methods for paraffinic diesel fuel from synthesis or hydrotreatment. Synthesis refers to XTL processes where X refers to various feedstocks for example Gas (G), Biomass (B) or Coal (C) and TL stands for To-Liquid. Hydrotreatment of vegetable oils and animal fats yield Hydrotreated Vegetable Oil (HVO). Paraffinic diesel fuel can be blended with up to 7,0 % (V/V) fatty acid methyl ester (FAME). This document provides background information to the final text of EN 15940 [1] and gives guidance and explanations to the producers, blenders, marketers and users of paraffinic automotive diesel fuel. Paraffinic diesel fuel is a high quality, clean burning fuel with virtually no sulfur and aromatics. Paraffinic diesel fuel can be used in diesel engines, also to reduce regulated emissions. In order to have the greatest possible emissions reduction, a specific calibration is needed. Some types of paraffinic diesel fuel, at present notably HVO, can also offer a meaningful contribution to the target of increased non-crude derived and/or renewable content in the transportation fuel pool. For general diesel engine operation, durability and warranty, paraffinic automotive diesel fuel needs a validation step to confirm the compatibility of the fuel with the vehicle, which for some existing engines still needs to be done. The vehicle manufacturer needs to be consulted before use. NOTE 1 This document is directly related to EN 15940 and will be updated once further publications take place. NOTE 2 Paraffinic diesel fuel is also used as a blending component in automotive diesel fuel. In that case, composition and properties of the final blends are defined by relevant fuel specification standards. NOTE 3 For the purposes of this document, the terms "% (m/m)" and "% (V/V)" are used to represent respectively the mass fraction and the volume fraction.

Keel: en

Alusdokumendid: CEN/TR 16389:2023

Asendab dokumenti: CEN/TR 16389:2017

77 METALLURGIA

EVS-EN 10305-3:2023

Steel tubes for precision applications - Technical delivery conditions - Part 3: Welded cold sized tubes

This document specifies the technical delivery conditions for welded cold sized steel tubes of circular cross section with specified outside diameter $D \leq 193,7$ mm and of square and of rectangular cross section for precision applications. This document can also be applied to welded cold sized tube with other cross section shapes. Tubes according to this document are characterized by having precisely defined tolerances on dimensions and a specified maximum surface roughness. Typical fields of application are in the automotive, furniture and general engineering industries.

Keel: en

Alusdokumendid: EN 10305-3:2023

Asendab dokumenti: EVS-EN 10305-3:2016

Asendab dokumenti: EVS-EN 10305-5:2016

91 EHITUSMATERJALID JA EHITUS

EVS-EN 12390-6:2023

Kivistunud betooni katsetamine. Osa 6: Katsekehade lõhestustõmbetugevus Testing hardened concrete - Part 6: Tensile splitting strength of test specimens

See dokument spetsifitseerib kivistunud betoonkatsekehade lõhestustõmbetugevuse määramise meetodi. Referentskatsekehad on valatud silindrilised katsekehad. Sellel meetodil saab katsetada ka vähemalt 75 mm läbimõõduga puursüdamikke, mis vastavad standardi EN 12504-1 nõuetele. Kuubi- või prismakujuliste katsekehade kasutamist käsitletakse lisas A.

Keel: en, et
Alusdokumendid: EN 12390-6:2023
Asendab dokumenti: EVS-EN 12390-6:2009

EVS-EN 16035:2023

Akna- ja uksetarvikute toimivuse infoleht (HPS). Tule ja/või suitsu tõkestamiseks kasutatavate uste ja/või avatavate akende tarvikute võrdlemist võimaldavate katseandmete identifitseerimine ning kokkuvõte Hardware performance sheet (HPS) - Identification and summary of test evidence to facilitate the inter-changeability of building hardware for application to fire resisting and/or smoke control doorsets and/or openable windows

See dokument võtab akna- ja uksetarvikute toimivuse infolehe (HPS) vormingus kokku asjakohased tulemused ja klassifikatsioonid hoone akna- ja uksetarvikute tulepüsivuse, suitsutõkke ja sellega seotud vastupidavuse katsetest. See dokument annab juhised ja nõuded minimaalsete nõutud andmete kohta, mis on vajalikud EXAP-aruannete ettevalmistamise alusena ehitise tule- ja/või suitsukindlate uste ja avatavate akende tarvikute vahetatavuse kohta. See dokument määratleb ehitise tule- ja/või suitsukindlate uste ja avatavate akende tarvikute toimivusomadused ja nõuded, mis võib leida vastavatest tootestandarditest.

Keel: en, et
Alusdokumendid: EN 16035:2023
Asendab dokumenti: EVS-EN 16035:2012

EVS-EN 16687:2023

Ehitustooted: Ohtlike ainete eraldumise hindamine. Terminoloogia Construction products: Assessment of release of dangerous substances - Terminology

This document defines terms used in the field of the assessment of the release, and the content, of dangerous substances from/in construction products. The terms are classified under the following main headings: - Terms related to products and substances (general; soil, groundwater and surface water; indoor air); - Terms related to sampling and sample preparation; - Terms related to test procedures and test results (general; soil, groundwater and surface water; indoor air, radiation). An alphabetical index is provided. NOTE Further terms generally concerning the development and application of technical specifications for construction products which fall under the scope of the construction products regulation (CPR) are listed in Annex A; their definitions are given in a Glossary by the European Commission, DG Enterprise and Industry (2014).

Keel: en
Alusdokumendid: EN 16687:2023
Asendab dokumenti: EVS-EN 16687:2015

EVS-EN ISO 11855-2:2021/A1:2023

Building environment design - Embedded radiant heating and cooling systems - Part 2: Determination of the design heating and cooling capacity - Amendment 1 (ISO 11855-2:2021/Amd 1:2023)

Amendment to EN ISO 11855-2:2021

Keel: en
Alusdokumendid: ISO 11855-2:2021/Amd 1:2023; EN ISO 11855-2:2021/A1:2023
Muudab dokumenti: EVS-EN ISO 11855-2:2021

93 RAJATISED

EVS-EN 16272-1:2023

Railway applications - Infrastructure - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 1: Intrinsic characteristics - Sound absorption under diffuse sound field conditions

This European Standard specifies the laboratory method for measuring the sound absorption performance of railway noise barriers and related devices acting on airborne sound propagation in reverberant conditions. It covers the assessment of the intrinsic sound absorption performance of devices that can reasonably be assembled inside the testing facility described in EN ISO 354. This method is not intended for the determination of the intrinsic characteristics of sound absorption of noise barriers and related devices acting on airborne sound propagation to be installed on railways in non-reverberant conditions. The test method in EN ISO 354 referred to in this European Standard excludes devices that act as weakly damped resonators. Some devices will depart significantly from these requirements and in these cases, care is needed in interpreting the results.

Keel: en
Alusdokumendid: EN 16272-1:2023
Asendab dokumenti: EVS-EN 16272-1:2012

EVS-EN 16272-2:2023

Railway applications - Infrastructure - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 2: Intrinsic characteristics - Airborne sound insulation under diffuse sound field conditions

This document specifies the laboratory method for measuring the airborne sound insulation performance of railway noise barriers in reverberant conditions. It covers the assessment of the intrinsic performance of noise barriers and related devices acting on airborne sound propagation that can reasonably be assembled inside the testing facility described in EN ISO 10140 2 and EN ISO 10140 4. This method is not intended for the determination of the intrinsic characteristics of airborne sound insulation of noise barriers to be installed on railway in non-reverberant conditions. All noise reducing devices different from noise barriers and related devices acting on airborne sound propagation, e.g. devices for attenuation of ground borne vibration and on board devices, are out of the scope of this document.

Keel: en

Alusdokumendid: EN 16272-2:2023

Asendab dokumenti: EVS-EN 16272-2:2012

EVS-EN 16272-5:2023

Railway applications - Infrastructure - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 5: Intrinsic characteristics - Sound absorption under direct sound field conditions

This document describes a test method for measuring a quantity representative of the intrinsic characteristics of sound absorption from railway noise barriers and related devices acting on airborne sound propagation, the sound reflection index R_1 , and then calculate a single-number rating for sound absorption from it. The test method is intended for the following applications: - determination of the intrinsic characteristics of sound absorption of noise barriers and related devices acting on airborne sound propagation to be installed along railways, to be measured either on typical installations alongside railways or on a relevant sample section; - determination of the intrinsic characteristics of sound absorption of noise barriers and related devices acting on airborne sound propagation in actual use under direct sound field conditions; - comparison of design specifications with actual performance data after the completion of the construction work; - verification of the long-term performance of noise barriers and related devices acting on airborne sound propagation (with a repeated application of the method). The test method is not intended for the following applications: - determination of the intrinsic characteristics of sound absorption of noise barriers and related devices acting on airborne sound propagation to be installed in reverberant conditions, e.g. inside tunnels or deep trenches. Results for the sound reflection index are expressed as a function of frequency, in one-third octave bands, where possible, between 100 Hz and 5 kHz. If it is not possible to get valid measurements results over the whole frequency range indicated, the results are given in a restricted frequency range and the reasons of the restriction(s) are clearly reported.

Keel: en

Alusdokumendid: EN 16272-5:2023

Asendab dokumenti: CEN/TS 16272-5:2014

EVS-EN 16272-6:2023

Railway applications - Infrastructure - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 6: Intrinsic characteristics - Airborne sound insulation under direct sound field conditions

This document describes a test method for measuring a quantity representative of the intrinsic characteristics of airborne sound insulation for rail noise barriers and related devices: the sound insulation index. The test method is intended for the following applications: - determination of the intrinsic characteristics of airborne sound insulation of noise barriers and related devices to be installed along railways, to be measured either on typical installations alongside railways or in laboratory conditions; - determination of the intrinsic characteristics of airborne sound insulation of noise barriers and related devices in actual use; - comparison of design specifications with actual performance data after the completion of the construction work; - verification of the long-term performance of noise barriers and related devices (with a repeated application of the method); - interactive design process of new products, including the formulation of installation manuals. The test method is not intended for the determination of the intrinsic characteristics of airborne sound insulation of noise barriers and related devices to be installed in reverberant conditions, e.g. inside tunnels or deep trenches or under covers. Results are expressed as a function of frequency in one-third octave bands, where possible, between 100 Hz and 5 kHz. If it is not possible to get valid measurement results over the whole frequency range indicated, the results need to be given in a restricted frequency range and the reasons for the restriction(s) need to be clearly reported.

Keel: en

Alusdokumendid: EN 16272-6:2023

Asendab dokumenti: EVS-EN 16272-6:2014

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 1022:2023

Furniture - Seating - Determination of stability

This document specifies test methods and requirements for the determination of the stability of all types of seating for adults weighing up to 110 kg, without regard to use, materials, design/construction or manufacturing process. The test methods described can be used for seating for children and heavier adults by modifying test loads and loading points. This document does not apply to children's highchairs, table mounted chairs and bath seats which are covered by other European Standards. This standard contains two Annexes: Annex A (normative) – Seat loading pad data. Annex B (normative) – Test parameters.

Keel: en

Alusdokumendid: EN 1022:2023

Asendab dokumenti: EVS-EN 1022:2018

[EVS-EN 12521:2023](#)

Mööbel. Ohutus, tugevus ja vastupidavus. Nõuded kodulaudadele Furniture - Safety, strength and durability - Requirements for domestic tables

See dokument määrab kindlaks minimaalsed ohutuse, tugevuse ja vastupidavuse nõuded kõikidele täiskasvanutele kasutamiseks mõeldud kodulaudade tüüpidele, kaasa arvatud nendele, mille konstruktsioonis on klaas. See sisaldab ka täiendavaid katsemeetodeid lisas A ja lisas B. See ei rakendu büroolaudadele ega pultidele, koduvälise kasutusega laudadele, haridusasutuste laudadele ega õuelaudadele, millele on olemas Euroopa standardid. See ei rakendu pukkjalgedega laudadele. See dokument ei anna hinnangut ühegi kodulaudades sisalduva mahutuselemendi sobivuse kohta, välja arvatud püstivuskatsete puhul. See ei sisalda nõudeid elektriohutusele. See ei sisalda nõudeid vastupanule vananemisele ja kvaliteedi halvenemisele. Lisa A (normlisa) sisaldab katsemeetodeid sõrmede kinnijäämiseks. Lisa B (teatmelisa) sisaldab lauaplaadi läbipainde katset. Lisa C (teatmelisa) sisaldab põhjendust.

Keel: en, et

Alusdokumendid: EN 12521:2023

Asendab dokumenti: EVS-EN 12521:2015

[EVS-EN 1725:2023](#)

Furniture - Beds - Requirements for safety, strength and durability

This document specifies requirements on safety, strength and durability for all types of fully assembled beds used by adults in domestic and non-domestic environments including their components, such as bed frames, bed bases, mattresses and mattress pads (when they form a unit with the mattress) and, when supplied with the bed base, mattresses and mattress pads. The tests are based on use by persons weighing up to 110 kg. With the exception of sleeping functions, it does not apply to foldaway beds. It does not apply to bunk beds, high beds and medical beds where separate Standards exist, as well as waterbeds and air beds. Additional requirements can be applicable to items that have additional functions, e.g. storage features, day beds and convertible sofa-beds. The durability test, 6.6.1, test 11, applies only to electrically operated beds. It does not include requirements for the resistance to ageing, degradation, flammability and electrical safety. Annex A (normative) specifies test methods for finger entrapment. Annex B (informative) gives a rationale.

Keel: en

Alusdokumendid: EN 1725:2023

Asendab dokumenti: EVS-EN 1725:2002

[EVS-EN 60730-2-5:2015/AC:2023](#)

Elektrilised automaatjuhtimisseadmed. Osa 2-5: Erinõuded automaatsetele elektrilistele põletijuhtimissüsteemidele Automatic electrical controls - Part 2-5: Particular requirements for automatic electrical burner control systems

Standardi EN 60730-2-5:2015 parandus

Keel: en

Alusdokumendid: IEC 60730-2-5:2013/COR1:2023; EN 60730-2-5:2015/AC:2023-12

Parandab dokumenti: EVS-EN 60730-2-5:2015

Parandab dokumenti: EVS-EN 60730-2-5:2015+A1+A2:2021

[EVS-EN IEC 60335-2-14:2023/A1:2023](#)

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

This European Standard deals with the safety of electric kitchen machines for household and similar purposes, their rated voltage being not more than 250 V.

Keel: en

Alusdokumendid: EN IEC 60335-2-14:2023/A1:2023; IEC 60335-2-14:2016/AMD1:2019

Muudab dokumenti: EVS-EN IEC 60335-2-14:2023

[EVS-EN IEC 60335-2-14:2023/A11:2023](#)

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

This European Standard deals with the safety of electric kitchen machines for household and similar purposes, their rated voltage being not more than 250 V.

Keel: en

Alusdokumendid: EN IEC 60335-2-14:2023/A11:2023

Muudab dokumenti: EVS-EN IEC 60335-2-14:2023

Muudab dokumenti: EVS-EN IEC 60335-2-14:2023/A1:2023

[EVS-EN IEC 60335-2-4:2023](#)

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-4: Erinõuded tseentrifuugidele Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors

IEC 60335-2-4:2021 deals with the safety of stand-alone electric spin extractors and spin extractors incorporated in washing machines that have separate containers for washing and spin extraction for household and similar purposes that have a capacity not exceeding 10 kg of dry cloth and a drum peripheral speed not exceeding 50 m/s, their rated voltages being not more than 250 V for single-phase appliances and 480 V for other appliances. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as spin extractors intended to be used by laymen in shops, in light industry and on farms, and spin extractors for communal use in blocks of flats or in laundrettes, are within the scope of this standard. As far as is practicable, this standard deals with the common hazards presented by appliances which are encountered by all persons in and around the home. Attention is drawn to the fact that: - for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements can be necessary; - in many countries, additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour, the national water supply authorities and similar authorities. This standard does not apply to: - appliances intended exclusively for industrial purposes; - appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas). This seventh edition cancels and replaces the sixth edition published in 2008, Amendment 1:2012 and Amendment 2:2017. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - aligns the text with IEC 60335-1, Ed 5, and its Amendments 1 and 2; - replacement of the term definition of accessible part to include test probe 18; - addition of test probe 18 for accessibility of live parts. This part 2 is to be used in conjunction with the fifth edition of IEC 60335-1:2010 and its amendments.

Keel: en

Alusdokumendid: IEC 60335-2-4:2021; EN IEC 60335-2-4:2023

Asendab dokumenti: EVS-EN 60335-2-4:2010

Asendab dokumenti: EVS-EN 60335-2-4:2010/A1:2015

Asendab dokumenti: EVS-EN 60335-2-4:2010/A11:2018

Asendab dokumenti: EVS-EN 60335-2-4:2010/A2:2019

[EVS-EN IEC 60335-2-4:2023/A11:2023](#)

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-4: Erinõuded tseentrifuugidele Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors

This European Standard with the safety of stand-alone electric spin extractors, and pin extractors incorporated in washing machines that have separate containers for washing and spin extraction for household and similar purposes that have a capacity not exceeding 10 kg of dry cloth and a drum peripheral speed not exceeding 50 m/s, their rated voltages being not more than 250 V for single-phase appliances and 480 V for other appliances

Keel: en

Alusdokumendid: EN IEC 60335-2-4:2023/A11:2023

Muudab dokumenti: EVS-EN IEC 60335-2-4:2023

[EVS-EN ISO 23953-1:2023](#)

Külmletid. Osa 1: Sõnastik

Refrigerated display cabinets - Part 1: Vocabulary (ISO 23953-1:2023)

This document defines terms related to refrigerated display cabinets used for the sale and display of foodstuffs. It does not apply to refrigerated vending machines or cabinets intended for use in catering or similar non-retail applications.

Keel: en

Alusdokumendid: ISO 23953-1:2023; EN ISO 23953-1:2023

Asendab dokumenti: EVS-EN ISO 23953-1:2015

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 16687:2015

Ehitustooted. Ohtlike ainete eraldumise hindamine. Terminoloogia
Construction products - Assessment of release of dangerous substances - Terminology

Keel: en, et

Alusdokumendid: EN 16687:2015

Asendatud järgmise dokumendiga: EVS-EN 16687:2023

Standardi staatus: Kehtetu

EVS-EN ISO 23953-1:2015

Refrigerated display cabinets - Part 1: Vocabulary (ISO 23953-1:2015)

Keel: en

Alusdokumendid: ISO 23953-1:2015; EN ISO 23953-1:2015

Asendatud järgmise dokumendiga: EVS-EN ISO 23953-1:2023

Standardi staatus: Kehtetu

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

EVS-EN 9104-001:2013

Aerospace series - Quality management systems - Part 001: Requirements for Aviation, Space, and Defence Quality Management System Certification Programs

Keel: en

Alusdokumendid: EN 9104-001:2013

Asendatud järgmise dokumendiga: EVS-EN 9104-1:2023

Standardi staatus: Kehtetu

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN 15518-3:2011

Winter maintenance equipment - Road weather information systems - Part 3: Requirements on measured values of stationary equipments

Keel: en

Alusdokumendid: EN 15518-3:2011

Asendatud järgmise dokumendiga: EVS-EN 15518-3:2023

Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN 455-3:2015

Ühekordselt kasutatavad meditsiinilised kindad. Osa 3: Bioloogilise hindamise nõuded ja katsetamine

Medical gloves for single use - Part 3: Requirements and testing for biological evaluation

Keel: en

Alusdokumendid: EN 455-3:2015

Asendatud järgmise dokumendiga: EVS-EN 455-3:2023

Muudetud järgmise dokumendiga: EN 455-3:2015/prA1

Standardi staatus: Kehtetu

EVS-EN ISO 10555-1:2013

Steriilsed ühekordselt kasutatavad intravaskulaarsed (soonesisesed) kateetrid. Osa 1: Üldnõuded

Intravascular catheters - Sterile and single-use catheters - Part 1: General requirements (ISO 10555-1:2013)

Keel: en

Alusdokumendid: ISO 10555-1:2013; EN ISO 10555-1:2013

Asendatud järgmise dokumendiga: EVS-EN ISO 10555-1:2023

Muudetud järgmise dokumendiga: EVS-EN ISO 10555-1:2013/A1:2017

Standardi staatus: Kehtetu

EVS-EN ISO 10555-1:2013/A1:2017

Steriilsed ühekordselt kasutatavad intravaskulaarsed (soonesisesed) kateetrid. Osa 1:

Üldnõuded

Intravascular catheters - Sterile and single-use catheters - Part 1: General requirements - Amendment 1 (ISO 10555-1:2013/Amd 1:2017)

Keel: en

Alusdokumendid: ISO 10555-1:2013/Amd 1:2017; EN ISO 10555-1:2013/A1:2017

Asendatud järgmise dokumendiga: EVS-EN ISO 10555-1:2023

Standardi staatus: Kehtetu

EVS-EN ISO 10555-4:2013

Steriilsed ühekordselt kasutatavad intravaskulaarsed (soonesisesed) kateetrid. Osa 4:

Balloondilatatsioonikateetrid

Intravascular catheters - Sterile and single-use catheters - Part 4: Balloon dilatation catheters (ISO 10555-4:2013)

Keel: en

Alusdokumendid: ISO 10555-4:2013; EN ISO 10555-4:2013

Asendatud järgmise dokumendiga: EVS-EN ISO 10555-4:2023

Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 15518-3:2011

Winter maintenance equipment - Road weather information systems - Part 3: Requirements on measured values of stationary equipments

Keel: en

Alusdokumendid: EN 15518-3:2011

Asendatud järgmise dokumendiga: EVS-EN 15518-3:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-4:2010

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-4: Erinõuded tsentrifuugidele

Household and similar electrical appliances - Safety -- Part 2-4: Particular requirements for spin extractors

Keel: en

Alusdokumendid: IEC 60335-2-4:2008; EN 60335-2-4:2010

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-4:2023

Muudetud järgmise dokumendiga: EVS-EN 60335-2-4:2010/A1:2015

Muudetud järgmise dokumendiga: EVS-EN 60335-2-4:2010/A1:2018

Muudetud järgmise dokumendiga: EVS-EN 60335-2-4:2010/A2:2019

Standardi staatus: Kehtetu

EVS-EN 60335-2-4:2010/A1:2015

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-4: Erinõuded tsentrifuugidele

Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors

Keel: en

Alusdokumendid: IEC 60335-2-4:2008/A1:2012; EN 60335-2-4:2010/A1:2015

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-4:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-4:2010/A11:2018

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-4: Erinõuded tsentrifuugidele

Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors

Keel: en

Alusdokumendid: EN 60335-2-4:2010/A11:2018

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-4:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-4:2010/A2:2019

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-4: Erinõuded tsentrifuugidele Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors

Keel: en

Alusdokumendid: IEC 60335-2-4:2008/A2:2017; EN 60335-2-4:2010/A2:2019

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-4:2023

Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÖTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 16272-6:2014

Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 6: Intrinsic characteristics - In situ values of airborne sound insulation under direct sound field conditions

Keel: en

Alusdokumendid: EN 16272-6:2014

Asendatud järgmise dokumendiga: EVS-EN 16272-6:2023

Standardi staatus: Kehtetu

EVS-EN 62631-3-2:2016

Dielectric and resistive properties of solid insulating materials - Part 3-2: Determination of resistive properties (DC Methods) - Surface resistance and surface resistivity

Keel: en

Alusdokumendid: IEC 62631-3-2:2015; EN 62631-3-2:2016

Asendatud järgmise dokumendiga: EVS-EN IEC 62631-3-2:2023

Standardi staatus: Kehtetu

19 KATSETAMINE

EVS-EN 25580:1999

Mittepurustav katsetamine. Tööstuslike radiograafide ekraanid. Miinimumnõuded Non-destructive testing - Industrial radiographic illuminators - Minimum requirements

Keel: en

Alusdokumendid: ISO 5580:1985; EN 25580:1992

Asendatud järgmise dokumendiga: EVS-EN ISO 5580:2023

Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 1092-2:1999

Äärikud ja nende ühendused. PN-tähistusega ümmargused äärikud torude, ventiilide, liitmike ja lisavarustuse jaoks. Osa 2: Valumalmist äärikud Flanges and their joints - Circular flanges for pipes, valves, fittings and accessories, PN designated - Part 2: Cast iron flanges

Keel: en

Alusdokumendid: EN 1092-2:1997

Asendatud järgmise dokumendiga: EVS-EN 1092-2:2023

Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 62631-3-2:2016

Dielectric and resistive properties of solid insulating materials - Part 3-2: Determination of resistive properties (DC Methods) - Surface resistance and surface resistivity

Keel: en

Alusdokumendid: IEC 62631-3-2:2015; EN 62631-3-2:2016

Asendatud järgmise dokumendiga: EVS-EN IEC 62631-3-2:2023

Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 60966-3:2009

Radio frequency and coaxial cable assemblies -- Part 3: Sectional specification for semi-flexible coaxial cable assemblies

Keel: en

Alusdokumendid: IEC 60966-3:2008; EN 60966-3:2009

Asendatud järgmise dokumendiga: EVS-EN IEC 60966-3:2023

Standardi staatus: Kehtetu

EVS-EN 60966-3-1:2009

Radio frequency and coaxial cable assemblies -- Part 3-1: Blank detail specification for semi-flexible coaxial cable assemblies

Keel: en

Alusdokumendid: IEC 60966-3-1:2009; EN 60966-3-1:2009

Asendatud järgmise dokumendiga: EVS-EN IEC 60966-3-1:2023

Standardi staatus: Kehtetu

EVS-EN IEC 63138-2:2021

Multi radio frequency channel connector - Part 2: Sectional specification for MQ4 series circular connector

Keel: en

Alusdokumendid: EN IEC 63138-2:2021; IEC 63138-2:2020

Asendatud järgmise dokumendiga: EVS-EN IEC 63138-2:2023

Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS-EN 15518-3:2011

Winter maintenance equipment - Road weather information systems - Part 3: Requirements on measured values of stationary equipments

Keel: en

Alusdokumendid: EN 15518-3:2011

Asendatud järgmise dokumendiga: EVS-EN 15518-3:2023

Standardi staatus: Kehtetu

EVS-EN ISO/IEC 15408-1:2020

Infotehnoloogia. Turbemeetodid. Infoturbe hindamise kriteeriumid. Osa 1: Sissejuhatus ja üldmudel

Information technology - Security techniques - Evaluation criteria for IT security - Part 1: Introduction and general model (ISO/IEC 15408-1:2009)

Keel: en, et

Alusdokumendid: ISO/IEC 15408-1:2009; EN ISO/IEC 15408-1:2020

Asendatud järgmise dokumendiga: EVS-EN ISO/IEC 15408-1:2023

Standardi staatus: Kehtetu

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)

Keel: en

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

Asendatud järgmise dokumendiga: EVS-EN ISO/IEC 15408-2:2023

Standardi staatus: Kehtetu

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, Corrected version 2011-05)

Keel: en

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

Asendatud järgmise dokumendiga: EVS-EN ISO/IEC 15408-3:2023

Standardi staatus: Kehtetu

45 RAUDTEETEHNKA

[EVS-EN 12663-1:2010+A1:2014](#)

Raudteealased rakendused. Nõuded raudteeveeremi kerekonstruktsioonidele. Osa 1: Vedurid ja reisiveerem (ning alternatiivne meetod kaubavagunitele)
Railway applications - Structural requirements of railway vehicle bodies - Part 1: Locomotives and passenger rolling stock (and alternative method for freight wagons)

Keel: en
Alusdokumendid: EN 12663-1:2010+A1:2014
Asendatud järgmise dokumendiga: EVS-EN 12663-1:2010+A2:2023
Standardi staatus: Kehtetu

[EVS-EN 13749:2021](#)

Raudteealased rakendused. Rattapaarid ja pöördvankrid. Pöördvankri raami konstruktsiooninõuete spetsifitseerimise meetod
Railway applications - Wheelsets and bogies - Method of specifying the structural requirements of bogie frames

Keel: en
Alusdokumendid: EN 13749:2021
Asendatud järgmise dokumendiga: EVS-EN 13749:2021+A1:2023
Standardi staatus: Kehtetu

[EVS-EN 16286-2:2013](#)

Raudteealased rakendused. Veeremivahelised ülekäigud. Osa 2: Akustilised mõõtmised
Railway applications - Gangway systems between vehicles - Part 2: Acoustic measurements

Keel: en
Alusdokumendid: EN 16286-2:2013
Asendatud järgmise dokumendiga: EVS-EN 16286-2:2023
Standardi staatus: Kehtetu

47 LAEVAEHITUS JA MERE-EHITISED

[EVS-EN ISO 3796:2002](#)

Ships and marine technology - Clear openings for external single-leaf doors

Keel: en
Alusdokumendid: ISO 3796:1999; EN ISO 3796:2001
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNKA

[EVS-EN 16603-20:2020](#)

Space engineering - Electrical and electronic

Keel: en
Alusdokumendid: ECSS-E-ST-20 C; EN 16603-20:2020
Asendatud järgmise dokumendiga: EVS-EN 16603-20:2023
Standardi staatus: Kehtetu

[EVS-EN 9104-001:2013](#)

Aerospace series - Quality management systems - Part 001: Requirements for Aviation, Space, and Defence Quality Management System Certification Programs

Keel: en
Alusdokumendid: EN 9104-001:2013
Asendatud järgmise dokumendiga: EVS-EN 9104-1:2023
Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

[EVS-EN ISO 9073-18:2008](#)

Textiles - Test methods for nonwovens - Part 18: Determination of breaking strength and elongation of nonwoven materials using the grab tensile test

Keel: en
Alusdokumendid: ISO 9073-18:2007; EN ISO 9073-18:2008
Asendatud järgmise dokumendiga: EVS-EN ISO 9073-18:2023

Standardi staatus: Kehtetu

65 PÕLLUMAJANDUS

EVS-EN 15959:2011

Väetised. Eraldatud fosfori määramine Fertilizers - Determination of extracted phosphorus

Keel: en, et

Alusdokumendid: EN 15959:2011

Asendatud järgmise dokumendiga: EVS-EN 15959:2023

Standardi staatus: Kehtetu

EVS-EN 50636-2-92:2014

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-92: Erinõuded jalgsi juhitavatele võrgutoitega murukobestitele- ja õhutitele (aeraatorid)

Household and similar electrical appliances - Safety - Part 2-92: Particular requirements for pedestrian-controlled mains-operated lawn scarifiers and aerators

Keel: en

Alusdokumendid: IEC 60335-2-92:2002; EN 50636-2-92:2014; IEC 60335-2-92/Cor 1:2003

Asendatud järgmise dokumendiga: EVS-EN IEC 62841-4-7:2022

Standardi staatus: Kehtetu

71 KEEMILINE TEHNOLOOGIA

EVS-EN 117:2012

Wood preservatives - Determination of toxic values against Reticulitermes species (European termites) (Laboratory method)

Keel: en

Alusdokumendid: EN 117:2012

Asendatud järgmise dokumendiga: EVS-EN 117:2023

Standardi staatus: Kehtetu

EVS-EN 20-1:2000

Puidukaitsevahendid. Kaitsevõime määramine Lyctus brunneus (stephens)'i vastu. Osa 1: Pealekandmine pinna töötlemisel (laboratoorne meetod)

Wood preservatives - Determination of the protective effectiveness against Lyctus brunneus (Stephens) - Part 1: Application by surface treatment (laboratory method)

Keel: en

Alusdokumendid: EN 20-1:1992

Asendatud järgmise dokumendiga: EVS-EN 20-1:2023

Standardi staatus: Kehtetu

EVS-EN 20-2:2003

Puidukaitsevahendid - Kaitsevõime määramine Lyctus brunneus (stephens)'i vastu - Osa 2: Pealekandmine immutamise teel (laboratoorne meetod)

Wood preservatives - Determination of the protective effectiveness against Lyctus brunneus (Stephens) - Part 2: Application by impregnation (laboratory method)

Keel: en

Alusdokumendid: EN 20-2:1993

Asendatud järgmise dokumendiga: EVS-EN 20-2:2023

Standardi staatus: Kehtetu

EVS-EN 370:2000

Puidukaitsevahendid. Hävitava mõju määramine Anobium punctatum (De Geer)'i väljakasve takistamisel

Wood preservatives - Determination of eradicant efficacy in preventing emergence of Anobium punctatum (De Geer)

Keel: en

Alusdokumendid: EN 370:1993

Asendatud järgmise dokumendiga: EVS-EN 370:2023

Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

CEN/TR 16389:2017

Automotive fuels - Paraffinic diesel fuel and blends with FAME - Background to the parameters required and their respective limits and determination

Keel: en

Alusdokumendid: CEN/TR 16389:2017

Asendatud järgmise dokumendiga: CEN/TR 16389:2023

Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 10305-3:2016

Steel tubes for precision applications - Technical delivery conditions - Part 3: Welded cold sized tubes

Keel: en

Alusdokumendid: EN 10305-3:2016

Asendatud järgmise dokumendiga: EVS-EN 10305-3:2023

Standardi staatus: Kehtetu

EVS-EN 10305-5:2016

Steel tubes for precision applications - Technical delivery conditions - Part 5: Welded cold sized square and rectangular tubes

Keel: en

Alusdokumendid: EN 10305-5:2016

Asendatud järgmise dokumendiga: EVS-EN 10305-3:2023

Standardi staatus: Kehtetu

91 EHTUSMATERJALID JA EHTUS

EVS-EN 12390-6:2009

Kivistunud betooni katsetamine. Osa 6: Katsekehade lõhestustõmbetugevus Testing hardened concrete - Part 6: Tensile splitting strength of test specimens

Keel: en, et

Alusdokumendid: EN 12390-6:2009

Asendatud järgmise dokumendiga: EVS-EN 12390-6:2023

Standardi staatus: Kehtetu

EVS-EN 16035:2012

Akna- ja uksetarvikute toimivuse infoleht (HPS). Tule ja/või suitsu tõkestamiseks kasutatavate uste ja/või avatavate akende tarvikute võrdlemist võimaldavate katseandmete identifitseerimine ning kokkuvõte

Hardware performance sheet (HPS) - Identification and summary of test evidence to facilitate the inter-changeability of building hardware for application to fire resisting and/or smoke control doorsets and/or openable windows

Keel: en, et

Alusdokumendid: EN 16035:2012

Asendatud järgmise dokumendiga: EVS-EN 16035:2023

Standardi staatus: Kehtetu

EVS-EN 16687:2015

Ehitustooted. Ohtlike ainete eraldumise hindamine. Terminoloogia

Construction products - Assessment of release of dangerous substances - Terminology

Keel: en, et

Alusdokumendid: EN 16687:2015

Asendatud järgmise dokumendiga: EVS-EN 16687:2023

Standardi staatus: Kehtetu

93 RAJATISED

CEN/TS 16272-5:2014

Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 5: Intrinsic characteristics - In situ values of sound reflection under direct sound field conditions

Keel: en

Alusdokumendid: CEN/TS 16272-5:2014

Asendatud järgmise dokumendiga: EVS-EN 16272-5:2023

Standardi staatus: Kehtetu

EVS-EN 16272-1:2012

Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 1: Intrinsic characteristics - Sound absorption in the laboratory under diffuse sound field conditions

Keel: en

Alusdokumendid: EN 16272-1:2012

Asendatud järgmise dokumendiga: EVS-EN 16272-1:2023

Standardi staatus: Kehtetu

EVS-EN 16272-2:2012

Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 2: Intrinsic characteristics - Airborne sound insulation in the laboratory under diffuse sound field conditions

Keel: en

Alusdokumendid: EN 16272-2:2012

Asendatud järgmise dokumendiga: EVS-EN 16272-2:2023

Standardi staatus: Kehtetu

EVS-EN 16272-6:2014

Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 6: Intrinsic characteristics - In situ values of airborne sound insulation under direct sound field conditions

Keel: en

Alusdokumendid: EN 16272-6:2014

Asendatud järgmise dokumendiga: EVS-EN 16272-6:2023

Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 1022:2018

**Mööbel. Istmed. Püstivuse määramine
Furniture - Seating - Determination of stability**

Keel: en, et

Alusdokumendid: EN 1022:2018

Asendatud järgmise dokumendiga: EVS-EN 1022:2023

Standardi staatus: Kehtetu

EVS-EN 12521:2015

**Mööbel. Tugevus, vastupidavus ja ohutus. Nõuded kodulaudadele
Furniture - Strength, durability and safety - Requirements for domestic tables**

Keel: en, et

Alusdokumendid: EN 12521:2015

Asendatud järgmise dokumendiga: EVS-EN 12521:2023

Standardi staatus: Kehtetu

EVS-EN 1725:2002

**Kodumööbel - Voodid ja madratsid - Ohutusnõuded ja katsemeetodid
Domestic furniture - Beds and mattresses - Safety requirements and test methods**

Keel: en

Alusdokumendid: EN 1725:1998

Asendatud järgmise dokumendiga: EVS-EN 1725:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-4:2010

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-4: Erinõuded tsentrifuugidele Household and similar electrical appliances - Safety -- Part 2-4: Particular requirements for spin extractors

Keel: en

Alusdokumendid: IEC 60335-2-4:2008; EN 60335-2-4:2010

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-4:2023

Muudetud järgmise dokumendiga: EVS-EN 60335-2-4:2010/A1:2015

Muudetud järgmise dokumendiga: EVS-EN 60335-2-4:2010/A11:2018

Muudetud järgmise dokumendiga: EVS-EN 60335-2-4:2010/A2:2019

Standardi staatus: Kehtetu

EVS-EN 60335-2-4:2010/A1:2015

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-4: Erinõuded tsentrifuugidele Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors

Keel: en

Alusdokumendid: IEC 60335-2-4:2008/A1:2012; EN 60335-2-4:2010/A1:2015

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-4:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-4:2010/A11:2018

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-4: Erinõuded tsentrifuugidele Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors

Keel: en

Alusdokumendid: EN 60335-2-4:2010/A11:2018

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-4:2023

Standardi staatus: Kehtetu

EVS-EN 60335-2-4:2010/A2:2019

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-4: Erinõuded tsentrifuugidele Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors

Keel: en

Alusdokumendid: IEC 60335-2-4:2008/A2:2017; EN 60335-2-4:2010/A2:2019

Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-4:2023

Standardi staatus: Kehtetu

EVS-EN ISO 23953-1:2015

Refrigerated display cabinets - Part 1: Vocabulary (ISO 23953-1:2015)

Keel: en

Alusdokumendid: ISO 23953-1:2015; EN ISO 23953-1:2015

Asendatud järgmise dokumendiga: EVS-EN ISO 23953-1:2023

Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

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

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

Iga arvamusküsitlusele oleva kavandi kohta on esitatud alljärgnev informatsioon:

- tähis;
- pealkiri;
- käsitusala;
- keel (en = inglise; et = eesti);
- Euroopa või rahvusvahelise alusdokumendi tähis, selle olemasolul;
- asendusseos, selle olemasolul;
- arvamuste esitamise tähtaeg.

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

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EN ISO 7287:2002/prA1

Graphical symbols for thermal cutting equipment - Amendment 1 (ISO 7287:2002/DAM 1:2023)

Amendment to EN ISO 7287:2002

Keel: en

Alusdokumendid: ISO 7287:2002/DAMd 1; EN ISO 7287:2002/prA1

Muudab dokumenti: EVS-EN ISO 7287:2002

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 22074-1

Railway infrastructure - Rail fastening systems - Part 1: Vocabulary (ISO 22074-1:2020)

This document specifies the terms and definitions used in the ISO 22074 series of standards related to rail fastening systems. NOTE In this document, there are some entries where more than one term is listed in the header (e.g. sleeper, tie, cross tie in 3.2.3). In such cases, the first term is the preferred term, generally used in the ISO 22074 series of standards. The other terms are also in common use in the railway industry and are considered to be synonymous (admitted terms).

Keel: en

Alusdokumendid: ISO 22074-1:2020; prEN ISO 22074-1

Arvamusküsitluse lõppkuupäev: 12.02.2024

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

prEN IEC 62198:2023

Managing risk in projects - Application guidelines

This International Standard provides principles and generic guidelines on managing risk in projects. In particular it describes a systematic approach to managing risk in projects based on ISO 31000, Risk management – Guidelines. Guidance is provided on the principles for managing risk in projects, the framework and organizational requirements for implementing risk management, and the process for conducting effective risk management. This standard is not intended for the purpose of certification.

Keel: en

Alusdokumendid: 56/2017/CDV; prEN IEC 62198:2023

Asendab dokumenti: EVS-EN 62198:2014

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEVS-ISO 5725-1

Mõõtmismeetodite ja tulemuste mõõtetäpsus (mõõteõigsus ja korduvustäpsus). Osa 1: Üldpõhimõtted ja mõisted

Accuracy (trueness and precision) of measurement methods and results — Part 1: General principles and definitions (ISO 5725-1:2023, identical)

1.1 See dokument — tutvustab mõõtmismeetodi hindamiseks vajalikke tingimusi, piiranguid ja ressursse või tulemus; — määratleb organisatsioonilise kava uuringu abil tõesuse ja kordustäpsuse andmete saamiseks; — annab ISO 5725 (kõikide osade) jaoks vajalikud määratlused, statistilise mudeli ja põhimõtted; — ei ole kohaldatav pädevuskatsetele või referentsaine tootmisele, millel on oma standardid (vastavalt ISO 13528 ja ISO juhend 35). 1.2 See dokument käsitleb eranditult mõõtmismeetodeid, mis annavad tulemusi pidevas skaalas ja annavad katsetulemusena ühe väärtuse, kuigi see üksik väärtus võib olla vaatluste kogumi arvutuse tulemus. See määratleb väärtused, mis kirjeldavad kvantitatiivselt mõõtmismeetodi võimet anda tõene tulemus (tõesus) või korrata antud tulemust (kordustäpsus). See viitab, et täpselt identset eset mõõdetakse täpselt samal viisil ja et mõõtmisprotsess on kontrolli all. Seda dokumenti võib kasutada väga paljude katseobjektide, sealhulgas gaasi, vedelike, pulbrite ja tahkete esemete puhul, mis on toodetud või looduslikult esinevad, eeldusel, et arvesse võetakse mis tahes katseobjekti heterogeensus. See dokument ei sisalda arvutusmeetodeid, mida on kirjeldatud teistes osades.

Keel: en

Alusdokumendid: ISO 5725-1:2023

Asendab dokumenti: EVS-ISO 5725-1:2002

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEVS-ISO 5725-3

Mõõtmismeetodite ja tulemuste mõõtetäpsus (mõõteõigsus ja korduvustäpsus). Osa 3: Muutuvtingimustel korduvustäpsus ja alternatiivsed võimalused koostööuringuteks

Accuracy (trueness and precision) of measurement methods and results - Part 3: Intermediate precision and alternative designs for collaborative studies (ISO 5725-3:2023, identical)

See dokument esitab a) Valiku alternatiivseid eksperimentaalseid mooduseid mõõteõigsust ja korduvustäpsust iseloomustavate suuruste määramiseks. Sealhulgas esitatakse korratavuse ja korduvuse näitajad ning valik tugimõõtemeetodi muutuvtingimustel korduvustäpsuse näitajaid, mis sisaldavad ülevaate tingimustest, millistel nende kasutamine on vajalik või kasulik ja juhised saadud hinnangute tõlgendamiseks ja kasutamiseks. b) Spetsiifilise ülesehituse ja arvutustega läbitöötatud näited. Iga dokumendis käsitletav alternatiivne ülesehitus on mõeldud lahendamaks ühte (või mitut) alljärgnevat küsimust: a) arutelu muutuvtingimustel korduvustäpsuse näitajate definitsioonide mõju üle; b) juhised muutuvtingimustel korduvustäpsuse näitajate interpreteerimiseks ja rakendamiseks; c) korratavuse, korduvuse ja valiku muutuvtingimustel korduvustäpsuse näitajate määramine; d) parendatud¹⁾ korratavuse ja teiste korduvustäpsuse näitajate määramine; e) valimi keskmise hinnangu parendamine; f) organisatsioonisestest korduvuse standardhälvete ulatuse määramine; g) teiste korduvustäpsuse komponentide, nagu näiteks operaatorist tuleneva hajuvuse, määramine; h) korduvustäpsuse hinnangute usaldusväärsuse määramine; i) osalevate laborite minimaalse arvu vähendamine korduvustäpsuse hinnangute usaldusväärsuse optimeerimise abil; j) moonutatud korduvuse hinnangute vältimine (jaotatud tasemetega ülesehitus); k) moonutatud korratavuse hinnangute vältimine (võttes arvesse materjali heterogeensus). Tihti on meetodid, mille korduvustäpsust hinnatakse koostööuringu raames, hinnatud eelnevalt üksiku labori valideerimisuuringu, mille on läbi viinud meetodi loonud labor. Asjakohased tegurid muutuvtingimustel korduvustäpsuse hindamiseks on selle üksikut laborit hõlmava uuringu käigus eelnevalt määratletud. 1) Võimaldab osalevate laborite arvu vähendada.

Keel: en

Alusdokumendid: ISO 5725-3:2023

Asendab dokumenti: EVS-ISO 5725-3:2002

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEVS-ISO/IEC 20000-1

Infotehnoloogia. Teenusehaldus. Osa 1: Teenusehalduse süsteemi nõuded

Information technology -- Service management -- Part 1: Service management system requirements (ISO/IEC 20000-1:2018, identical)

1.1 Üldist See dokument määratleb nõuded organisatsioonile teenusehalduse süsteemi (SMS) loomiseks, juurutamiseks, hooldamiseks ja pidevaks täiustamiseks. Selles dokumendis määratletud nõuded hõlmavad teenuste plaanimist, kavandamist, üleminekut, tarnimist ja täiustamist, et täita teenuse nõudeid ja pakkuda väärtust. Seda dokumenti saavad kasutada: a) klient, kes otsib teenuseid ja vajab tagatist nende teenuste kvaliteedi kohta; b) klient, kes nõuab järjekindlat lähenemist teenuse elutsüklile kõigilt oma teenusepakkujatelt, sealhulgas tarneahelasse kuuluvatelt; c) organisatsioon, et näidata oma suutlikkust teenuste plaanimisel, kavandamisel, üleminekul, osutamisel ja täiustamisel; d) organisatsioon oma SMS-i ja teenuste jälgimiseks, mõõtmiseks ja ülevaatamiseks; e) organisatsioon teenuste plaanimise, kavandamise, ülemineku, osutamise ja täiustamise parandamiseks SMS-i tõhusa rakendamise ja toimimise kaudu; f) organisatsioon või muu osapool, kes teostab käesolevas dokumendis sätestatud nõuetele vastavuse hindamisi; g) teenuste haldamise alase koolituse või nõustamise pakkuja. Selles dokumendis kasutatud mõiste "teenus" viitab SMS-i kohaldamisalasse kuuluvale teenusele või teenustele. Selles dokumendis kasutatud mõiste "organisatsioon" viitab SMS-i käsitlusalasse kuuluvale organisatsioonile, mis haldab ja osutab klientidele teenuseid. SMS-i valdkonda kuuluv organisatsioon võib olla osa suuremast organisatsioonist, näiteks suureettevõtte osakond. Organisatsiooni või organisatsiooni osa, mis haldab ja osutab teenust või teenuseid sise- või välisklientidele, võib nimetada ka teenusepakkujaks. Selles dokumendis eristatakse selgelt mõistete „teenus“ või „organisatsioon“ muudel eesmärkidega kasutamist. 1.2 Rakendus Kõik selles dokumendis määratletud nõuded on üldised ja mõeldud kohaldamiseks kõikidele organisatsioonidele, olenemata organisatsiooni tüübist või suurusest või osutatavate teenuste olemusest. Punktides 4 kuni 10 esitatud nõuete välistamine ei ole vastuvõetav, kui organisatsioon väidab oma vastavust käesolevale dokumendile, olenemata organisatsiooni olemusest. Käesolevas dokumendis sätestatud nõuetele vastavust saab

tõendada organisatsioon ise esitades tõendused nõuete täitmist. Organisatsioon ise tõendab vastavust punktidele 4 ja 5. Samas võivad organisatsiooni toetada ka teised osapooled. Näiteks võib teine osapool läbi viia organisatsiooni nimel siseauditeid või toetada SMS-i loomist. Teise võimalusena võib organisatsioon tõendada, et ta vastutab selles dokumendis määratletud nõuete täitmise eest ja tõendab järelevalve toimimist, kui teised osapooled on kaasatud punktide 6–10 nõuete täitmisesse (vt 8.2.3). Näiteks võib organisatsioon tõendada järelevalve olemasolu üle teise osapoole, mis pakub infrastruktuuriteenuse komponente või haldab teeninduslauda, sealhulgas intsidentide haldamise protsessi. Organisatsioon ei saa tõendada vastavust käesolevas dokumendis sätestatud nõuetele, kui kõigi SMS-i reguleerimisalasse kuuluvate teenuste, teenusekomponentide või protsesside pakkumiseks või käitamiseks kasutatakse teisi osapooli. Selle dokumendi reguleerimisala ei hõlma toodete või tööriistade spetsifikatsioone. Seda dokumenti saab aga kasutada SMS-i toimimist toetavate toodete või tööriistade väljatöötamisel või hankimisel.

Keel: en

Alusdokumendid: ISO/IEC 20000-1:2018

Asendab dokumenti: EVS-ISO/IEC 20000-1:2013

Arvamusküsitluse lõppkuupäev: 12.02.2024

11 TERVISEHOOLDUS

EN 17272:2020/prA1

Chemical disinfectants and antiseptics - Methods of airborne room disinfection by automated process - Determination of bactericidal, mycobactericidal, sporicidal, fungicidal, yeasticidal, virucidal and phagocidal activities

The test methods described are designed to determine the disinfectant activity of processes used in the 1) medical area, 2) veterinary area, 3) food, industrial, domestic and institutional area using automated processes for distributing chemicals by air diffusion with no operator manually applying the disinfectant. This document covers the disinfection of nonporous surfaces but not that of the air. The objective of the described processes is to disinfect the surfaces of the overall area including the external surfaces of the equipment contained in such rooms. Air handling and products or processes specifically designed for the disinfection of medical devices are excluded from the scope of this document. The test methods and volumes described provide a defined challenge. This document is applicable to processes for which activity is claimed against the following groups of microorganisms: — vegetative bacteria, — mycobacteria, — bacterial spores, — yeasts, — fungal spores, — viruses, — bacteriophages. This document does not cover processes for which the mode of action is based on immersing and/or circulation, flooding, spraying, wiping or other processes where the product is directly applied to the surfaces and not via air dispersion.

Keel: en

Alusdokumendid: EN 17272:2020/prA1

Muudab dokumenti: EVS-EN 17272:2020

Arvamusküsitluse lõppkuupäev: 12.02.2024

EN IEC 61340-6-1:2018/prA1:2023

Amendment 1 - Electrostatics - Part 6-1: Electrostatic control for healthcare - General requirements for facilities

Amendment to EN IEC 61340-6-1:2018

Keel: en

Alusdokumendid: 101/700/CDV; EN IEC 61340-6-1:2018/prA1:2023

Muudab dokumenti: EVS-EN IEC 61340-6-1:2018

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 15002

Flow control devices for connection to a medical gas supply system (ISO 15002:2023)

This document specifies requirements for flow control devices that can be connected by the user either directly, by means of a probe or a gas-specific connector, or indirectly by means of a low-pressure hose assembly conforming with ISO 5359 to: a) a terminal unit conforming with ISO 9170-1 of a medical gas pipeline system conforming with ISO 7396-1:2016; b) the pressure outlet of a regulator conforming with ISO 10524-1:2018; or c) to the pressure outlet of a valve integrated pressure regulator (VIPR) conforming with ISO 10524-3 (see 5.2 gas inlets). This document applies to the following types of flow control devices (FCDs): a) flowmeters; b) flowgauge FCDs; and c) fixed orifice FCDs. NOTE Flow control devices that are classed as medical electrical equipment can be subject to additional requirements of IEC 60601-1. This document applies to flow control devices for the following gases: — oxygen; — oxygen 93 %; — nitrous oxide; — medical air; — carbon dioxide; — oxygen/nitrous oxide mixture 50/50 (% volume fraction); — oxygen-enriched air; — helium; — xenon; and — specified mixtures of the gases listed above. NOTE Flow control devices can be available for other gases. This document does not apply to flow control devices that are: a) for use with gases for driving surgical tools; b) an integral part of a regulator (see ISO 10524-1:2018); or c) an integral part of a valve with integrated pressure regulator (VIPR) (see ISO 10524-3).

Keel: en

Alusdokumendid: ISO 15002:2023; prEN ISO 15002

Asendab dokumenti: EVS-EN ISO 15002:2008

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN 1366-15**prEN 1366-15 'Fire resistance tests for service installations - Part 15: 1-, 2-, 3- sided ducts'**

This Part of EN 1366 specifies a method for determining the fire resistance of horizontal 1-, 2- or 3-sided ventilation ducts and ducts whose fire resistance depends on the fire resistance performance of a ceiling or wall (where ducts are located in cavities enclosed by fire-resistant shafts or ceilings). The test examines the behaviour of ducts exposed to fire from the outside (duct A) and fire inside the duct (duct B). This Standard is used in conjunction with EN1363-1. This test method does not take into consideration the effect of spalling or deflection of the adjoining floor/wall. This test method is only applicable to ventilation ducts that have passed the test for the appropriate time period according to EN1366-1 (Duct A and B) in vertical and horizontal orientations. The test specimens should not incorporate access panels, these are tested in accordance with EN1366-1.

Keel: en

Alusdokumendid: prEN 1366-15

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN 17189**Materials obtained from end of life tyres (ELT) - Determination of the true density of granulates and powders - Method based on water pycnometry**

This document sets out methods and test protocols used to determine the true density of granulates and powders produced from ELTs, based on water pycnometry.

Keel: en

Alusdokumendid: prEN 17189

Asendab dokumenti: CEN/TS 17189:2018

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN 18027**Bio-based products - Life cycle assessment - Additional requirements and guidelines for comparing the life cycles of bio-based products with their fossil-based equivalents**

This document provides requirements and guidelines for comparing the life cycles of bio-based products with their fossil-based equivalents. NOTE The term "equivalents" generally refers to the "functional equivalence". This document builds on existing LCA methodology and provides requirements and guidance on specific topics relevant for making well-balanced comparisons.

Keel: en

Alusdokumendid: prEN 18027

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN IEC 61784-3-19:2023**Industrial communication networks - Profiles - Part 3-19: Functional safety fieldbuses - Additional specifications for CPF 19**

This part of IEC 61784-3 specifies a safety communication layer (services and protocol) based on CPF 19 of IEC 61784-1, IEC 61784-2 and the IEC 61158 series (Type 24 and Type 27). It identifies the principles for functional safety communications defined in IEC 61784-3 that are relevant for this safety communication layer. This safety communication layer is intended for implementation in safety devices only. NOTE 1 It does not cover electrical safety and intrinsic safety aspects. Electrical safety relates to hazards such as electrical shock. Intrinsic safety relates to hazards associated with potentially explosive atmospheres. This document defines mechanisms for the transmission of safety-relevant messages among participants within a distributed network using fieldbus technology in accordance with the requirements of IEC 61508 (all parts) 1 294 for functional safety. These mechanisms may be used in various industrial applications such as process control, manufacturing automation and machinery. This document provides guidelines for both developers and assessors of compliant devices and systems. NOTE 2 The resulting SIL claim of a system depends on the implementation of the selected functional safety communication profile within this system – implementation of a functional safety communication profile according to this document in a standard device is not sufficient to qualify it as a safety device.

Keel: en

Alusdokumendid: 65C/1276/CDV; prEN IEC 61784-3-19:2023

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 6909**Machine tools Safety - Press brakes (ISO/DIS 6909:2023)**

This document specifies technical safety requirements and measures to be adopted by persons undertaking the design, manufacture and supply of press brakes which are intended to work cold metal or material partly of cold metal but which can be used in the same way to work other sheet materials (e.g. cardboard, plastic, rubber, leather, etc.) and also referred to as machines. NOTE 1 The design of a machine includes the study of the machine itself, taking into account all phases of the "life" of the machine mentioned in ISO 12100:2010, 5.4, and the drafting of the instructions related to all the above phases. This document covers the following types of machines (see Annex J) : - Hydraulic press brakes - Hydraulic servo-drive press brakes - Screw servo-drive press brakes - Belt-spring servo-drive press brakes. The requirements in this document take account of intended use, as defined in ISO 12100:2010, 3.23, as well as reasonably foreseeable misuse, as defined in ISO 12100:2010, 3.24. This document presumes access to the press brake from all directions, deals with all significant hazards during the various

phases of the life of the machine described in Clause 4, and specifies the safety measures for both the operator and other exposed persons. NOTE 2 All significant hazards means those identified or associated with press brakes at the time of the publication of this document. This document applies to press brakes which can function independently or in combination (e.g. two machines in tandem or more) and can also be used as a guide for the design of press brakes which are intended to be integrated in a manufacturing system. This document deals with the significant hazards, hazardous situations and events relevant to press brakes and ancillary devices (see Clause 4). This document specifies the safety requirements for press brakes defined in this clause. This document does not cover press brakes which transmit energy to impart beam motion by using pneumatic means or mechanical clutch or press brakes that use combination of technologies (e.g. combined hydraulic and screw servo-drive press brake or combined hydraulic servo-drive and screw servo-drive press brake) This document does not cover machines whose principal designed purpose is: a) sheet folding by rotary action; b) tube and pipe bending by rotary action; c) roll bending. This document does not cover hazards related to the use of press brakes in explosive atmospheres. This document is not applicable to press brakes which are manufactured before the date of its publication. This document does not cover the safety aspect of equipment for automatic loading and unloading where provided. Guidance on how to take into account additional automatic loading and unloading equipment can be found in ISO 11161.

Keel: en

Alusdokumendid: ISO/DIS 6909; prEN ISO 6909

Arvamusküsitluse lõppkuupäev: 12.02.2024

17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

EN IEC 61340-6-1:2018/prA1:2023

Amendment 1 - Electrostatics - Part 6-1: Electrostatic control for healthcare - General requirements for facilities

Amendment to EN IEC 61340-6-1:2018

Keel: en

Alusdokumendid: 101/700/CDV; EN IEC 61340-6-1:2018/prA1:2023

Muudab dokumenti: EVS-EN IEC 61340-6-1:2018

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEVS-ISO 5725-1

Mõõtmismeetodite ja tulemuste mõõtetäpsus (mõõteõigsus ja korduvustäpsus). Osa 1: Üldpõhimõtted ja mõisted

Accuracy (trueness and precision) of measurement methods and results — Part 1: General principles and definitions (ISO 5725-1:2023, identical)

1.1 See dokument — tutvustab mõõtmismeetodi hindamiseks vajalikke tingimusi, piiranguid ja ressursse või tulemus; — määratleb organisatsioonilise kava uuringu abil tõesuse ja kordustäpsuse andmete saamiseks; — annab ISO 5725 (kõikide osade) jaoks vajalikud määratlused, statistilise mudeli ja põhimõtted; — ei ole kohaldatav pädevuskatsetele või referentsaine tootmisele, millel on oma standardid (vastavalt ISO 13528 ja ISO juhend 35). 1.2 See dokument käsitleb eranditult mõõtmismeetodeid, mis annavad tulemusi pidevas skaalas ja annavad katsetulemusena ühe väärtuse, kuigi see üksik väärtus võib olla vaatluste kogumi arvutuse tulemus. See määratleb väärtused, mis kirjeldavad kvantitatiivselt mõõtmismeetodi võimet anda tõene tulemus (tõesus) või korrata antud tulemust (kordustäpsus). See viitab, et täpselt identset eset mõõdetakse täpselt samal viisil ja et mõõtmisprotsess on kontrolli all. Seda dokumenti võib kasutada väga paljude katseobjektide, sealhulgas gaasi, vedelike, pulbrite ja tahkete esemete puhul, mis on toodetud või looduslikult esinevad, eeldusel, et arvesse võetakse mis tahes katseobjekti heterogeensus. See dokument ei sisalda arvutusmeetodeid, mida on kirjeldatud teistes osades.

Keel: en

Alusdokumendid: ISO 5725-1:2023

Asendab dokumenti: EVS-ISO 5725-1:2002

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEVS-ISO 5725-3

Mõõtmismeetodite ja tulemuste mõõtetäpsus (mõõteõigsus ja korduvustäpsus). Osa 3:

Muutuvtingimustel korduvustäpsus ja alternatiivsed võimalused koostööuuringuteks

Accuracy (trueness and precision) of measurement methods and results - Part 3: Intermediate precision and alternative designs for collaborative studies (ISO 5725-3:2023, identical)

See dokument esitab a) Valiku alternatiivseid eksperimentaalseid mooduseid mõõteõigsust ja korduvustäpsust iseloomustavate suuruste määramiseks. Sealhulgas esitatakse korratavuse ja korduvuse näitajad ning valik tugimõõtemetodi muutuvingimustel korduvustäpsuse näitajaid, mis sisaldavad ülevaate tingimustest, millistel nende kasutamine on vajalik või kasulik ja juhised saadud hinnangute tõlgendamiseks ja kasutamiseks. b) Spetsiifilise ülesehituse ja arvutustega läbitöötatud näited. Iga dokumendis käsitletav alternatiivne ülesehitus on mõeldud lahendamaks ühte (või mitut) alljärgnevat küsimust: a) arutelu muutuvingimustel korduvustäpsuse näitajate definitsioonide mõju üle; b) juhised muutuvingimustel korduvustäpsuse näitajate interpreteerimiseks; c) korratavuse, korduvuse ja valiku muutuvingimustel korduvustäpsuse näitajate määramine; d) parendatud¹⁾ korratavuse ja teiste korduvustäpsuse näitajate määramine; e) valimi keskmise hinnangu parendamine; f) organisatsioonisiseste korduvuse standardhälvete ulatuse määramine; g) teiste korduvustäpsuse komponentide, nagu näiteks operaatorist tuleneva hajuvuse, määramine; h) korduvustäpsuse hinnangute usaldusväärsuse määramine; i) osalevate laborite minimaalse arvu vähendamine korduvustäpsuse hinnangute usaldusväärsuse optimeerimise abil; j) moonutatud korduvuse hinnangute vältimine (jaotatud tasemetega ülesehitus); k) moonutatud korratavuse hinnangute vältimine (võttes arvesse materjali heterogeensus). Tihti on meetodid, mille korduvustäpsust hinnatakse koostööuuringu

raames, hinnatud eelnevalt üksiku labori valideerimisuuringu, mille on läbi viinud meetodi loonud labor. Asjakohased tegurid muutuvtingimustel korduvustäpsuse hindamiseks on selle üksikut laborit hõlmava uuringu käigus eelnevalt määratletud. 1) Võimaldab osalevate laborite arvu vähendada.

Keel: en

Alusdokumendid: ISO 5725-3:2023

Asendab dokumenti: EVS-ISO 5725-3:2002

Arvamusküsitluse lõppkuupäev: 12.02.2024

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

prEN ISO 13669

Fasteners - Grooved pins - General requirements (ISO/DIS 13669:2023)

This document specifies the general characteristics of grooved pins, made of steel and stainless steel, with nominal diameters 1 mm to 25 mm. These grooved pins are designed to fulfil the main following functions: — locking of two (or more) parts, — positioning or guiding, — relative rotation of the assembled parts.

Keel: en

Alusdokumendid: ISO/DIS 13669; prEN ISO 13669

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 13670

Fasteners - Reverse-taper grooved pins - One quarter-length progressive grooves on both sides (ISO/DIS 13670:2023)

This document specifies the characteristics of grooved reverse-taper pins with one quarter-length progressive grooves on both sides (close-ends), with rounded or chamfered pin ends, in steel and stainless steel, with nominal diameters 2 mm to 25 mm. These grooved pins are designed to fulfil the main following functions: — relative rotation of the assembled parts, — locking of two (or more) parts, — positioning. The general requirements (including principles for grooved pins and assembly) are specified in ISO 13669.

Keel: en

Alusdokumendid: ISO/DIS 13670; prEN ISO 13670

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 13672

Fasteners - Parallel grooved pins - Half-length diamond grooves (ISO/DIS 13672:2023)

This document specifies the characteristics of grooved parallel pins with half-length diamond grooves (close-ends), with rounded or chamfered pin ends, in steel and stainless steel, with nominal diameters 1 mm to 25 mm. These grooved pins are designed to fulfil the main following functions: — positioning or guiding, — relative rotation of the assembled parts. The general requirements (including principles for grooved pins and assembly) are specified in ISO 13669.

Keel: en

Alusdokumendid: ISO/DIS 13672; prEN ISO 13672

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 3506-3

Fasteners - Mechanical properties of corrosion resistant stainless steel fasteners - Part 3: Set screws (and similar fasteners not under tensile stress) with specified grades and hardness classes (ISO/DIS 3506-3:2023)

ISO 3506-3:2009 specifies the mechanical properties of set screws and similar fasteners not under tensile stress made of austenitic stainless steel, when tested over an ambient temperature range of 10 °C to 35 °C. Properties vary at higher or lower temperatures. ISO 3506-3:2009 applies to set screws and similar fasteners: - with nominal thread diameter $1,6 \text{ mm} \leq d \leq 24 \text{ mm}$; - of triangular ISO metric threads with diameters and pitches in accordance with ISO 68-1, ISO 261 and ISO 262; - of any shape. It does not apply to screws with special properties, such as weldability.

Keel: en

Alusdokumendid: ISO/DIS 3506-3; prEN ISO 3506-3

Asendab dokumenti: EVS-EN ISO 3506-3:2010

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 3506-4

Fasteners - Mechanical properties of corrosion-resistant stainless steel fasteners - Part 4: Tapping screws with specified grades and hardness classes (ISO/DIS 3506-4:2023)

ISO 3506-4:2009 specifies the mechanical properties of tapping screws made of austenitic, martensitic and ferritic steel grades of corrosion-resistant stainless steels, when tested over an ambient temperature range of 10 °C to 35 °C. Properties vary at higher or lower temperatures. It applies to tapping screws with threads from ST2,2 up to and including ST8, in accordance with ISO 1478. It does not apply to screws with special properties such as weldability.

Keel: en

Alusdokumendid: ISO/DIS 3506-4; prEN ISO 3506-4
Asendab dokumenti: EVS-EN ISO 3506-4:2010

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 8739

Fasteners - Parallel grooved pins, with pilot point - Full-length diamond grooves (ISO/DIS 8739:2023)

This document specifies the characteristics of parallel grooved pins with pilot point and full-length diamond grooves (with closed-end at the insertion side), in steel and stainless steel, and with nominal diameter 1 mm to 25 mm. These grooved pins are designed to fulfil the main following function: — locking together two or more parts, with the easiest installation (due to the pilot point) and a highest level of pull-out resistance (due to the elastic fit behavior of the pin). The general requirements (including functional principles for grooved pins and assembly) are specified in ISO 13669.

Keel: en

Alusdokumendid: ISO/DIS 8739; prEN ISO 8739
Asendab dokumenti: EVS-EN ISO 8739:1999

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 8740

Fasteners - Parallel grooved pins, with chamfer point - Full-length diamond grooves (ISO/DIS 8740:2023)

This document specifies the characteristics of parallel grooved pins with chamfer point and full-length diamond grooves (with open ends), in steel and stainless steel, and with nominal diameter 1 mm to 25 mm. These grooved pins are designed to fulfil the main following function: — locking together two or more parts, with an easy installation (due to the chamfer point) and a highest level of pull-out resistance (due to the elastic fit behavior of the pin). The general requirements (including functional principles for grooved pins and assembly) are specified in ISO 13669.

Keel: en

Alusdokumendid: ISO/DIS 8740; prEN ISO 8740
Asendab dokumenti: EVS-EN ISO 8740:1999

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 8741

Fasteners - Reverse-taper grooved pins - Half-length progressive grooves (ISO/DIS 8741:2023)

This document specifies the characteristics of reverse-taper grooved pins with half-length progressive grooves (with closed ends), in steel and stainless steel, and with nominal diameter 1 mm to 25 mm. These grooved pins are designed to fulfil the main following functions: — positioning or guiding, and — relative rotation of the assembled parts, with an easy installation (due to its shape) and a medium level of pull-out resistance (due to the elastic fit behaviour of the pin). The general requirements (including functional principles for grooved pins and assembly) are specified in ISO 13669.

Keel: en

Alusdokumendid: ISO/DIS 8741; prEN ISO 8741
Asendab dokumenti: EVS-EN ISO 8741:1999

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 8742

Fasteners - Grooved pins - One-third-length center grooves (ISO/DIS 8742:2023)

This document specifies the characteristics of grooved pins with one-third-length center grooves (with closed ends), in steel and stainless steel, and with nominal diameter 1 mm to 25 mm. These grooved pins are designed to fulfil the main following functions: — relative rotation of the assembled parts, and — positioning or guiding, with an easy installation (due to its symmetrical shape) and a medium level of pull-out resistance (due to the elastic fit behavior of the pin). The general requirements (including functional principles for grooved pins and assembly) are specified in ISO 13669.

Keel: en

Alusdokumendid: ISO/DIS 8742; prEN ISO 8742
Asendab dokumenti: EVS-EN ISO 8742:1999

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 8743

Fasteners - Grooved pins - Half-length center grooves (ISO/DIS 8743:2023)

This document specifies the characteristics of grooved pins with half-length center grooves (with closed ends), in steel and stainless steel, and with nominal diameter 1 mm to 25 mm. These grooved pins are designed to fulfil the main following functions: — relative rotation of the assembled parts, and — positioning or guiding, with an easy installation (due to its symmetrical shape) and a high level of pull-out resistance (due to the elastic fit behavior of the pin). The general requirements (including functional principles for grooved pins and assembly) are specified in ISO 13669.

Keel: en

Alusdokumendid: ISO/DIS 8743; prEN ISO 8743
Asendab dokumenti: EVS-EN ISO 8743:1999

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 8744

Fasteners - Taper grooved pins - Full-length progressive grooves (ISO/DIS 8744:2023)

This document specifies the characteristics of taper grooved pins with full-length progressive grooves (with closed end at the insertion side), in steel and stainless steel, and with nominal diameter 1 mm to 25 mm. These grooved pins are designed to fulfil the main following function: — locking together two or more parts, with an easy installation (due to its shape) and a high level of pull-out resistance (due to the elastic fit behavior of the pin). The general requirements (including functional principles for grooved pins and assembly) are specified in ISO 13669.

Keel: en

Alusdokumendid: ISO/DIS 8744; prEN ISO 8744

Asendab dokumenti: EVS-EN ISO 8744:1999

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 8745

Fasteners - Taper grooved pins - Half-length progressive grooves (ISO/DIS 8745:2023)

This document specifies the characteristics of taper grooved pins with half-length progressive grooves (with close-end at the insertion side), in steel and stainless steel, and with nominal diameter 1 mm to 25 mm. These grooved pins are designed to fulfil the main following functions: — positioning or guiding, and — relative rotation of the assembled parts, with an easy installation (due to its shape) and a medium level of pull-out resistance (due to the elastic fit behavior of the pin). The general requirements (including functional principles for grooved pins and assembly) are specified in ISO 13669.

Keel: en

Alusdokumendid: ISO/DIS 8745; prEN ISO 8745

Asendab dokumenti: EVS-EN ISO 8745:1999

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 8746

Fasteners - Grooved pins with round head - Full-length diamond grooves (ISO/DIS 8746:2023)

This document specifies the characteristics of grooved pins with round head, full-length diamond grooves and pilot point or chamfered point, in steel and stainless steel, and with nominal diameter 2 mm to 20 mm. These grooved pins are designed to fulfil the main following function: — locking together two or more parts, with the easiest installation (due to the pilot or chamfer point) and a highest level of pull-out resistance (due to the elastic fit behavior of the pin). The general requirements (including functional principles for grooved pins and assembly) are specified in ISO 13669.

Keel: en

Alusdokumendid: ISO/DIS 8746; prEN ISO 8746

Asendab dokumenti: EVS-EN ISO 8746:1999

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 8747

Fasteners - Grooved pins with countersunk head - Full-length diamond grooves (ISO/DIS 8747:2023)

This document specifies the characteristics of grooved pins with countersunk head and full-length diamond grooves and pilot or chamfer point, in steel and stainless steel, and with nominal diameter 2 mm to 20 mm. These grooved pins are designed to fulfil the main following function: — locking together two or more parts, with the easiest installation (due to the pilot or chamfer point) and a highest level of pull-out resistance (due to the elastic fit behavior of the pin). The general requirements (including functional principles for grooved pins and assembly) are specified in ISO 13669.

Keel: en

Alusdokumendid: ISO/DIS 8747; prEN ISO 8747

Asendab dokumenti: EVS-EN ISO 8747:1999

Arvamusküsitluse lõppkuupäev: 12.02.2024

25 TOOTMISTEHNOLOGIA

EN ISO 7287:2002/prA1

Graphical symbols for thermal cutting equipment - Amendment 1 (ISO 7287:2002/DAM 1:2023)

Amendment to EN ISO 7287:2002

Keel: en

Alusdokumendid: ISO 7287:2002/DAMd 1; EN ISO 7287:2002/prA1

Muudab dokumenti: EVS-EN ISO 7287:2002

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN IEC 61784-3-19:2023

Industrial communication networks - Profiles - Part 3-19: Functional safety fieldbuses - Additional specifications for CPF 19

This part of IEC 61784-3 specifies a safety communication layer (services and protocol) based on CPF 19 of IEC 61784-1, IEC 61784-2 and the IEC 61158 series (Type 24 and Type 27). It identifies the principles for functional safety communications defined in IEC 61784-3 that are relevant for this safety communication layer. This safety communication layer is intended for implementation in safety devices only. NOTE 1 It does not cover electrical safety and intrinsic safety aspects. Electrical safety relates to hazards such as electrical shock. Intrinsic safety relates to hazards associated with potentially explosive atmospheres. This document defines mechanisms for the transmission of safety-relevant messages among participants within a distributed network using fieldbus technology in accordance with the requirements of IEC 61508 (all parts)1 294 for functional safety. These mechanisms may be used in various industrial applications such as process control, manufacturing automation and machinery. This document provides guidelines for both developers and assessors of compliant devices and systems. NOTE 2 The resulting SIL claim of a system depends on the implementation of the selected functional safety communication profile within this system – implementation of a functional safety communication profile according to this document in a standard device is not sufficient to qualify it as a safety device.

Keel: en

Alusdokumendid: 65C/1276/CDV; prEN IEC 61784-3-19:2023

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 17635

Non-destructive testing of welds - General rules for metallic materials (ISO/DIS 17635:2023)

ISO 17635:2016 gives guidelines for the choice of non-destructive testing (NDT) methods for welds and evaluation of the results for quality control purposes, based on quality requirements, material, weld thickness, welding process and extent of testing. ISO 17635:2016 also specifies general rules and standards to be applied to the different types of testing, for either the methodology or the acceptance levels for metallic materials. Acceptance levels cannot be a direct interpretation of the quality levels defined in ISO 5817 or ISO 10042. They are linked to the overall quality of the produced batch of welds. Requirements for acceptance levels for NDT comply with quality levels stated in ISO 5817 or ISO 10042 (moderate, intermediate, stringent) only on a general basis and not in detail for each indication. Annex A gives correlations between quality, NDT and acceptance level standards. Annex B gives an overview of the standards linked to quality levels, acceptance levels and NDT methods.

Keel: en

Alusdokumendid: ISO/DIS 17635; prEN ISO 17635

Asendab dokumenti: EVS-EN ISO 17635:2016

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 6909

Machine tools Safety - Press brakes (ISO/DIS 6909:2023)

This document specifies technical safety requirements and measures to be adopted by persons undertaking the design, manufacture and supply of press brakes which are intended to work cold metal or material partly of cold metal but which can be used in the same way to work other sheet materials (e.g. cardboard, plastic, rubber, leather, etc.) and also referred to as machines. NOTE 1 The design of a machine includes the study of the machine itself, taking into account all phases of the "life" of the machine mentioned in ISO 12100:2010, 5.4, and the drafting of the instructions related to all the above phases. This document covers the following types of machines (see Annex J) : - Hydraulic press brakes - Hydraulic servo-drive press brakes - Screw servo-drive press brakes - Belt-spring servo-drive press brakes The requirements in this document take account of intended use, as defined in ISO 12100:2010, 3.23, as well as reasonably foreseeable misuse, as defined in ISO 12100:2010, 3.24. This document presumes access to the press brake from all directions, deals with all significant hazards during the various phases of the life of the machine described in Clause 4, and specifies the safety measures for both the operator and other exposed persons. NOTE 2 All significant hazards means those identified or associated with press brakes at the time of the publication of this document. This document applies to press brakes which can function independently or in combination (e.g. two machines in tandem or more) and can also be used as a guide for the design of press brakes which are intended to be integrated in a manufacturing system. This document deals with the significant hazards, hazardous situations and events relevant to press brakes and ancillary devices (see Clause 4). This document specifies the safety requirements for press brakes defined in this clause. This document does not cover press brakes which transmit energy to impart beam motion by using pneumatic means or mechanical clutch or press brakes that use combination of technologies (e.g. combined hydraulic and screw servo-drive press brake or combined hydraulic servo-drive and screw servo-drive press brake) This document does not cover machines whose principal designed purpose is: a) sheet folding by rotary action; b) tube and pipe bending by rotary action; c) roll bending. This document does not cover hazards related to the use of press brakes in explosive atmospheres. This document is not applicable to press brakes which are manufactured before the date of its publication. This document does not cover the safety aspect of equipment for automatic loading and unloading where provided. Guidance on how to take into account additional automatic loading and unloading equipment can be found in ISO 11161.

Keel: en

Alusdokumendid: ISO/DIS 6909; prEN ISO 6909

Arvamusküsitluse lõppkuupäev: 12.02.2024

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN IEC 62282-3-200:2023

Fuel cell technologies - Part 3-200: Stationary fuel cell power systems - Performance test methods

This part of IEC 62282 covers operational and environmental aspects of the stationary fuel cell power systems performance. The test methods apply as follows: – power output under specified operating and transient conditions; – electrical and heat recovery efficiency under specified operating conditions; – environmental characteristics; for example, exhaust gas emissions, noise, etc. under specified operating and transient conditions. This document applies to all kinds of stationary fuel cell technologies, such as: – alkaline fuel cells (AFC); – phosphoric acid fuel cells (PAFC); – polymer electrolyte fuel cells (PEFC); – molten carbonate fuel cells (MCFC); – solid oxide fuel cells (SOFC). This standard does not provide coverage for electromagnetic compatibility (EMC). This standard does not apply to small stationary fuel cell power systems with rated electric power output of less than 10 kW which are dealt with IEC 62282-3-201. Fuel cell power systems may have different subsystems depending upon types of fuel cell and applications, and they have different streams of material and energy into and out of them. However, a common system diagram and boundary has been defined for evaluation of the fuel cell power system (see Figure 1). The following conditions are considered in order to determine the system boundary of the fuel cell power system: – all energy recovery systems are included within the system boundary; – all kinds of electric energy storage devices are considered outside the system boundary; – calculation of the heating value of the input fuel (such as natural gas, propane gas and pure hydrogen gas, etc.) is based on the conditions of the fuel at the boundary of the fuel cell power system. The standard does not provide safety requirements for the testing of stationary fuel cell power systems. Safe conduct of the performance tests shall be ensured by following the local safety regulations and the manufacturers instructions.

Keel: en

Alusdokumendid: 105/1016/CDV; prEN IEC 62282-3-200:2023

Asendab dokumenti: EVS-EN 62282-3-200:2016

Arvamusküsitluse lõppkuupäev: 12.02.2024

29 ELEKTROTEHNIKA

EN IEC 60947-1:2021/prAA:2023

Low-voltage switchgear and controlgear - Part 1: General rules

This Amendment A11 will revise EN IEC 60947-1:2021 to meet the essential requirements of Directive 2014/35/EU relating to low voltage and Directive 2014/30/EU relating to electromagnetic compatibility.

Keel: en

Alusdokumendid: EN IEC 60947-1:2021/prAA:2023

Muudab dokumenti: EVS-EN IEC 60947-1:2021

Arvamusküsitluse lõppkuupäev: 12.02.2024

EN IEC 61340-6-1:2018/prA1:2023

Amendment 1 - Electrostatics - Part 6-1: Electrostatic control for healthcare - General requirements for facilities

Amendment to EN IEC 61340-6-1:2018

Keel: en

Alusdokumendid: 101/700/CDV; EN IEC 61340-6-1:2018/prA1:2023

Muudab dokumenti: EVS-EN IEC 61340-6-1:2018

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN IEC 60079-7:2023

Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

This part of IEC 60079 specifies the requirements for the design, construction, testing and marking of electrical Ex Equipment and Ex Components with Type of Protection increased safety "e" intended for use in explosive gas atmospheres. Electrical Ex Equipment and Ex Components of Type of Protection increased safety "e" are either: a) Level of Protection "eb" (EPL "Mb" or "Gb"); or b) Level of Protection "ec" (EPL "Gc") Level of Protection "eb" applies to Ex Equipment or Ex Components, including their connections, conductors, windings, lamps, and batteries; but not including semiconductor devices or electrolytic capacitors. NOTE 1 The fundamental basis of "eb" is limitation of temperature, and reduced likelihood of insulation failure resulting in an arc or spark. Expected malfunctions of electronic components, such as semiconductor devices or electrolytic capacitors, can result in a failure producing excessive temperatures, or arcs and sparks. Level of Protection "ec" applies to Ex Equipment or Ex Components, including their connections, conductors, windings, lamps, and batteries; and also including semiconductor devices and electrolytic capacitors. NOTE 2 The use of electronic components, such as semiconductor devices or electrolytic capacitors, is permitted in Level of Protection "ec" as these are evaluated under both normal conditions and regular expected occurrences, and are not likely to result in excessive temperatures or arcs and sparks. As the requirements for separation distances are not applied to the internal construction, commercially available electronic components are generally suitable if the external separation distances comply. The requirements of this standard apply to both Levels of Protection unless otherwise stated.

Keel: en

Alusdokumendid: 31/1748/CDV; prEN IEC 60079-7:2023

Asendab dokumenti: EN 60079-7:2015/prAA:2023

Asendab dokumenti: EVS-EN 60079-7:2015
Asendab dokumenti: EVS-EN IEC 60079-7:2015/A1:2018
Asendab dokumenti: EVS-EN IEC 60079-7:2015+A1:2018

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN IEC 60947-7-1:2023

Low-voltage switchgear and controlgear - Part 7-1: Ancillary equipment - Terminal blocks for copper conductors

This part of IEC 60947 specifies requirements for terminal blocks with screw-type or screw-less type clamping units primarily intended for industrial or similar use and to be fixed to a support to provide electrical and mechanical connection between copper conductors. It applies to terminal blocks intended to connect round copper conductors, with or without special preparation, having a cross-section between 0,05 mm²/30 AWG and 300 mm² 218 /600 kcmil, intended to be used in circuits of a rated voltage not exceeding 1 000 V AC up to 1 000 Hz or 1 500 V DC. The tests on terminal blocks are made with AC or DC supply as required in relevant clauses of this document. Terminal blocks are electrical components, which are typically installed in enclosures according to IEC 60947-1:2020 clause 3.3.16 enclosure: part providing a specified degree of protection of equipment against certain external influences and a specified degree of protection against approach to or contact with hazardous live parts and hazardous mechanical part. For this kind of components IEC Guide 116 states that there are "however, other electrical components that are intended to be incorporated into other electrical equipment". NOTE 1 No IP degree listing for terminal blocks is required, but possible. NOTE 2 AWG is the abbreviation of "American Wire Gage" (Gage (US) = Gauge (UK)) kcmil = 1 000 cmil; 1 cmil = 1 circular mil = surface of a circle having a diameter of 1 mil (1 mil = 1/1 000 inch) This document may be used as a guide for – terminal blocks requiring the fixing of special devices to the conductors, for example quick connect terminations or wrapped connection, etc.; – terminal blocks providing wire-binding screw (see IEC 60947-1:2020, Annex D, Figure D.2), stud and nut terminations (see IEC 60947-1:2020, Annex D, Figure D.4 and D.5), lug terminations (see IEC 60947-1:2020, Annex D, Figure D.6) and terminal blocks providing direct contact to the conductors by means of edges or points penetrating insulation, for example insulation displacement connection (IDC) (see IEC 60352-4:2020, Figure 2), etc.; – special types of terminal blocks, for example with diodes or varistors or similar component holders, etc; – terminal blocks with capability to connect conductors with cross sections larger than 300 mm² /600 kcmil, see Annex E. Where applicable in this document, the term "clamping unit" has been used instead of the term "terminal". This is taken into account in case of reference to IEC 60947-1:2020.

Keel: en

Alusdokumendid: 121A/579/CDV; prEN IEC 60947-7-1:2023

Asendab dokumenti: EVS-EN 60947-7-1:2009

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN IEC 61109:2023

Insulators for overhead lines - Composite suspension and tension insulators for a.c. systems with a nominal voltage greater than 1 000 V - Definitions, test methods and acceptance criteria

This International Standard applies to composite insulators for overhead lines consisting of a load-bearing cylindrical insulating solid core consisting of fibres – usually glass – in a resin-based matrix, a housing (surrounding the insulating core) made of polymeric material and metal end fittings permanently attached to the insulating core. Composite insulators covered by this standard are intended for use as suspension/tension line insulators, but it should be noted that these insulators can occasionally be subjected to compression or bending, for example when used as interphase-spacers. Guidance on such loads is outlined in Annex C. The object of this standard is to – define the terms used, – prescribe test methods, – prescribe acceptance criteria. This standard does not include requirements dealing with the choice of insulators for specific operating conditions or environments.

Keel: en

Alusdokumendid: prEN IEC 61109:2023; IEC 61109 ED3 (36/590/CDV)

Asendab dokumenti: EVS-EN 61109:2008

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN IEC 62217:2023

Polymeric HV insulators for indoor and outdoor use - General definitions, test methods and acceptance criteria

This International Standard is applicable to polymeric insulators for a.c. systems with a nominal voltage greater than 1 000 V (frequency less than 100 Hz) and d.c. systems with a nominal voltage greater than 1 500 V whose insulating body consists of one or various organic materials. Polymeric insulators covered by this standard are intended for use both on HV overhead lines and in substations, in both indoor and outdoor applications. They include composite insulators with solid and hollow core and resin insulators. Hybrid insulators with ceramic core and polymeric housing are also included, while coated insulators (e.g. with RTV silicone rubber coatings) are not included in this standard. Electrical tests described in this standard are done under a.c. voltage and are in general applicable to insulators to be used in d.c. systems too. Tests under d.c. voltage should reflect up-to-date knowledge and experience.. The object of this standard is - to define the common terms used for polymeric insulators; - to prescribe common test methods for design tests on polymeric insulators; - to prescribe acceptance or failure criteria, if applicable; These tests, criteria and recommendations are intended to ensure a satisfactory lifetime under normal operating and environmental conditions (see Clause 5). The standard includes design tests intended to reject materials or designs which are inadequate under normal operating and environmental conditions. This standard shall only be applied in conjunction with the relevant product standard.

Keel: en

Alusdokumendid: 36/589/CDV; prEN IEC 62217:2023

Asendab dokumenti: EVS-EN 62217:2013

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN IEC 63356-2:2023

LED light source characteristics - Part 2: Design parameters and values

This part of IEC 63356 specifies design parameters and design values of a LED light source or related interface characteristics. Note 1: Interface characteristics can cover interfaces between LED light source and luminaire/controlgear or LED light source and additional attachments. Note 2: Interfaces can be related to for example electrical, mechanical, or optical aspects. This part does not cover interchangeability between products from different LED light source manufacturers. Note 3: Interchangeability is covered by Part 1. Lamp caps and lampholders specified in the IEC 60061 series are not in the scope of this document. Compliance criteria relating to parameters in this document are covered by IEC 63220 for safety, or IEC 63221 for performance.

Keel: en

Alusdokumendid: 34A/2377/CDV; prEN IEC 63356-2:2023

Asendab dokumenti: EVS-EN IEC 63356-2:2022

Arvamusküsitluse lõppkuupäev: 12.02.2024

31 ELEKTROONIKA

prEN IEC 62007-2:2023

Semiconductor optoelectronic devices for fibre optic system applications - Part 2: Measuring methods

This part of IEC 62007 specifies measuring methods for characterizing semiconductor optoelectronic devices that are used in the field of fibre optic digital communication systems and subsystems.

Keel: en

Alusdokumendid: 86C/1895/CDV; prEN IEC 62007-2:2023

Asendab dokumenti: EVS-EN 62007-2:2009

Arvamusküsitluse lõppkuupäev: 12.02.2024

33 SIDETEHNIKA

prEN IEC 62007-2:2023

Semiconductor optoelectronic devices for fibre optic system applications - Part 2: Measuring methods

This part of IEC 62007 specifies measuring methods for characterizing semiconductor optoelectronic devices that are used in the field of fibre optic digital communication systems and subsystems.

Keel: en

Alusdokumendid: 86C/1895/CDV; prEN IEC 62007-2:2023

Asendab dokumenti: EVS-EN 62007-2:2009

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN IEC 62746-4:2023

Systems interface between customer energy management system and the power management system - Part 4: Demand Side Resource Interface

The IEC 62746 series describes the interface between Customer Energy Management Systems (CEMs) and the grid management systems including those within Distribution System Operators (DSOs) and Transmission System Operators (TSOs). Each CEMS is designed to control resources associated with a residential, commercial, or industrial facility with the potential for a hierarchy of energy management systems. Initial focus is on demand response and support for demand side management; later developments are expected to include storage resources as well as grid support services from new demand-side resources. The interface may also be applied to many types of communications, for example among multiple aggregators, or among an aggregator and multiple customers.

Keel: en

Alusdokumendid: 57/2625/CDV; prEN IEC 62746-4:2023

Arvamusküsitluse lõppkuupäev: 12.02.2024

35 INFOTEHNOLOOGIA

prEN 14908-10

Open Data Communication in Building Automation, Controls and Building Management - Control Network Protocol - Part 10: Web Services for Control Networking Protocol Specification

This document specifies an open and extensible standard for residential, commercial, and industrial control and automation applications using the EN 14908-1 control network protocol and related protocols (EN 14908-2 to EN 14908-9) to provision and manage IoT devices, to access and update data from the devices, and to aggregate data from diverse devices and protocols for delivery to external applications and services. The web services as specified in this document are implemented on a central

gateway or edge server that communicates with multiple sensor, actuator, and controller edge devices using one or more edge protocols such as EN 14908-1, and also interfaces with one or more enterprise and cloud services or applications.

Keel: en

Alusdokumendid: prEN 14908-10

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN 17017-1

Electronic Public Procurement - Fulfilment - Part 1: Choreographies

This choreography describes the exchange of information in the Fulfilment phase between seller and buyer where the seller wants to announce delivery of the ordered goods or services. The purpose of the fulfilment it is to monitor the executions of the contract. This process is the process between the ordering process and the billing process. The billing process can start when fulfilment has been initiated. The business value for this is • To prepare the buyers organisation for the physical delivery. • To enabling an automatic check of delivery for the buying organisation before paying the received invoice. • To match the ordered products with the physical deliveries, such as serial numbers, lot identifiers and other information that may not be present at the time the goods were ordered. • The assist in getting an accurate calculation of the environmental footprint of the goods by including the emission during the transport. • To feed data into the logistic process, so no retyping is needed during the transport of the goods. Transactions used in the specified choreographies are out of scope. These transactions are specified in the related transaction specification on "Fulfilment Transactions".

Keel: en

Alusdokumendid: prEN 17017-1

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN 18037

Guidelines on a sectoral cybersecurity assessment

This document contains guidelines to be used in the process of drafting requirements of cybersecurity certification schemes for sectoral ICT services and systems. It includes all steps necessary to define, implement and maintain such requirements.

Keel: en

Alusdokumendid: prEN 18037

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN IEC 61784-3-19:2023

Industrial communication networks - Profiles - Part 3-19: Functional safety fieldbuses - Additional specifications for CPF 19

This part of IEC 61784-3 specifies a safety communication layer (services and protocol) based on CPF 19 of IEC 61784-1, IEC 61784-2 and the IEC 61158 series (Type 24 and Type 27). It identifies the principles for functional safety communications defined in IEC 61784-3 that are relevant for this safety communication layer. This safety communication layer is intended for implementation in safety devices only. NOTE 1 It does not cover electrical safety and intrinsic safety aspects. Electrical safety relates to hazards such as electrical shock. Intrinsic safety relates to hazards associated with potentially explosive atmospheres. This document defines mechanisms for the transmission of safety-relevant messages among participants within a distributed network using fieldbus technology in accordance with the requirements of IEC 61508 (all parts)1 294 for functional safety. These mechanisms may be used in various industrial applications such as process control, manufacturing automation and machinery. This document provides guidelines for both developers and assessors of compliant devices and systems. NOTE 2 The resulting SIL claim of a system depends on the implementation of the selected functional safety communication profile within this system – implementation of a functional safety communication profile according to this document in a standard device is not sufficient to qualify it as a safety device.

Keel: en

Alusdokumendid: 65C/1276/CDV; prEN IEC 61784-3-19:2023

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 19650-6

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 6: Health and safety information (ISO/DIS 19650-6:2023)

This Document outlines the concepts and principles to ensure that Health and Safety information is developed, shared and managed collaboratively, ensuring the economic, environmental and social benefits are secured. This Document; 1) specifies requirements for the collaborative sharing of structured H&S information throughout the asset life-cycle. 2) supports the progressive development of structured H&S information for all built assets. 3) provides guidance on how H&S information is produced, flows and can be used throughout the asset lifecycle. Whilst all H&S risk information can be included within an information model, this document requires the contextualization and filtering of hazards and risks to prioritize the elevated risks and aspects that are safety critical. 4) sets out a framework (risk information cycle) for the application of H&S information-use through BIM processes and applications. This document specifies how to use H&S information in order to: a) provide a safer and healthier environment for end-users; b) mitigate the inherent hazards and risks across the asset lifecycle; c) result in improved H&S performance, fewer incidents and associated impacts; d) provide for clearer, more assured and relevant H&S information to the 'right-people' at the 'right time'; e) reduce costs across the whole lifecycle of the asset. The exchange and use of H&S information is intended to support: 1) representation of the nature and characteristics of the project, site, built asset and associated activities; 2) representation of H&S hazards, risks and associated factors; 3) the generalization, dissemination and

re-use of H&S knowledge and experience. This document is applicable to individuals and organizations that contribute to and influence the definition of design, construction, use (including maintenance) and end of life of a built asset. This standard is intended to address information management at a stage of maturity described as "building information modelling" (BIM according to the ISO 19650 series. However, the principles and requirements of this document can be applied equally to non-BIM projects.

Keel: en

Alusdokumendid: ISO/DIS 19650-6; prEN ISO 19650-6

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEVS-ISO/IEC 20000-1

Infotehnoloogia. Teenusehaldus. Osa 1: Teenusehalduse süsteemi nõuded Information technology -- Service management -- Part 1: Service management system requirements (ISO/IEC 20000-1:2018, identical)

1.1 Üldist See dokument määratleb nõuded organisatsioonile teenusehalduse süsteemi (SMS) loomiseks, juurutamiseks, hooldamiseks ja pidevaks täiustamiseks. Selles dokumendis määratletud nõuded hõlmavad teenuste plaanmist, kavandamist, üleminekut, tarnimist ja täiustamist, et täita teenuse nõudeid ja pakkuda väärtust. Seda dokumenti saavad kasutada: a) klient, kes otsib teenuseid ja vajab tagatist nende teenuste kvaliteedi kohta; b) klient, kes nõuab järjekindlat lähenemist teenuse elutsüklile kõigilt oma teenusepakkujatelt, sealhulgas tarneahelasse kuuluvatelt; c) organisatsioon, et näidata oma suutlikkust teenuste plaanimisel, kavandamisel, üleminekul, osutamisel ja täiustamisel; d) organisatsioon oma SMS-i ja teenuste jälgimiseks, mõõtmiseks ja ülevaatamiseks; e) organisatsioon teenuste plaanimise, kavandamise, ülemineku, osutamise ja täiustamise parandamiseks SMS-i tõhusa rakendamise ja toimimise kaudu; f) organisatsioon või muu osapool, kes teostab käesolevas dokumendis sätestatud nõuetele vastavuse hindamisi; g) teenuste haldamise alase koolituse või nõustamise pakkuja. Selles dokumendis kasutatud mõiste "teenus" viitab SMS-i kohaldamisalasse kuuluvale teenusele või teenustele. Selles dokumendis kasutatud mõiste "organisatsioon" viitab SMS-i käsitlusalasse kuuluvale organisatsioonile, mis haldab ja osutab klientidele teenuseid. SMS-i valdkonda kuuluv organisatsioon võib olla osa suuremast organisatsioonist, näiteks suureettevõtte osakond. Organisatsiooni või organisatsiooni osa, mis haldab ja osutab teenust või teenuseid sise- või välisklientidele, võib nimetada ka teenusepakkujaks. Selles dokumendis eristatakse selgelt mõistete „teenus“ või „organisatsioon“ muudel eesmärkidega kasutamist. 1.2 Rakendus Kõik selles dokumendis määratletud nõuded on üldised ja mõeldud kohaldamiseks kõikidele organisatsioonidele, olenemata organisatsiooni tüübist või suurusest või osutatavate teenuste olemusest. Punktides 4 kuni 10 esitatud nõuete välistamine ei ole vastuvõetav, kui organisatsioon väidab oma vastavust käesolevale dokumendile, olenemata organisatsiooni olemusest. Käesolevas dokumendis sätestatud nõuetele vastavust saab tõendada organisatsioon ise esitades tõendused nõuete täitmist. Organisatsioon ise tõendab vastavust punktidele 4 ja 5. Samas võivad organisatsiooni toetada ka teised osapooled. Näiteks võib teine osapool läbi viia organisatsiooni nimel siseauditeid või toetada SMS-i loomist. Teise võimalusena võib organisatsioon tõendada, et ta vastutab selles dokumendis määratletud nõuete täitmise eest ja tõendab järelevalve toimimist, kui teised osapooled on kaasatud punktide 6–10 nõuete täitmisega (vt 8.2.3). Näiteks võib organisatsioon tõendada järelevalve olemasolu üle teise osapoole, mis pakub infrastruktuuriteenuse komponente või haldab teeninduslauda, sealhulgas intsidentide haldamise protsessi. Organisatsioon ei saa tõendada vastavust käesolevas dokumendis sätestatud nõuetele, kui kõigi SMS-i reguleerimisalasse kuuluvate teenuste, teenusekomponentide või protsesside pakkumiseks või käitamiseks kasutatakse teisi osapooli. Selle dokumendi reguleerimisala ei hõlma toodete või tööriistade spetsifikatsioone. Seda dokumenti saab aga kasutada SMS-i toimimist toetavate toodete või tööriistade väljatöötamisel või hankimisel.

Keel: en

Alusdokumendid: ISO/IEC 20000-1:2018

Asendab dokumenti: EVS-ISO/IEC 20000-1:2013

Arvamusküsitluse lõppkuupäev: 12.02.2024

45 RAUDTEETEHNIKA

prEN IEC 61373:2023

Railway applications - Rolling stock equipment - Shock and vibration tests

This International Standard specifies the requirements for testing items of equipment intended for use on railway vehicles which are subsequently subjected to vibrations and shock owing to the nature of railway operational environment. To gain assurance that the quality of the equipment is acceptable, it has to withstand tests of reasonable duration that simulate the service conditions seen throughout its expected life. Simulated long-life testing can be achieved in a number of ways each having their associated advantages and disadvantages, the following being the most common: a) amplification: where the amplitudes are increased and the time base decreased; b) time compression: where the amplitude history is retained and the time base is decreased (increase of the frequency); c) decimation: where time slices of the historical data are removed when the amplitudes are below a specified threshold value. The amplification method as stated in a) above, is used in this document and together with the publications referred to in Clause 2; it defines the default test procedure to be followed when vibration testing items for use on railway vehicles. However, other standards exist and may be used with prior agreement between the manufacturer and the customer. In such cases test certification against this document will not apply. Where service information is available, tests can be performed using the method outlined in Annex A. If the levels are lower than those quoted in this document, equipment is partially certified against this document (only for service conditions giving functional test values lower than or equal to those specified in the test report). Whilst this document is primarily concerned with railway vehicles on fixed rail systems, its wider use is not precluded. For systems operating on pneumatic tyres, or other transportation systems such as trolleybuses, where the level of shock and vibration clearly differ from those obtained on fixed rail systems, the supplier and customer can agree on the test levels at the tender stage. It is recommended that the frequency spectra and the shock duration/amplitude be determined using the guidelines in Annex A. Equipment tested at levels lower than those quoted in this document shall be resulting from an agreement between supplier and customer, based on customized spectra resulting from onboard measurements. Certification according to this document is reached but limited to the specific case. An example of this is trolleybuses, whereby body-

mounted trolleybus equipment could be tested in accordance with category 1 equipment referred to in the standard. This document applies to single axis testing. However, multi-axis testing may be used with prior agreement between the manufacturer and the customer

Keel: en

Alusdokumendid: 9/3019/CDV; prEN IEC 61373:2023

Asendab dokumenti: EVS-EN 61373:2010

Asendab dokumenti: EVS-EN 61373:2010/AC:2017

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 22074-1

Railway infrastructure - Rail fastening systems - Part 1: Vocabulary (ISO 22074-1:2020)

This document specifies the terms and definitions used in the ISO 22074 series of standards related to rail fastening systems. NOTE In this document, there are some entries where more than one term is listed in the header (e.g. sleeper, tie, cross tie in 3.2.3). In such cases, the first term is the preferred term, generally used in the ISO 22074 series of standards. The other terms are also in common use in the railway industry and are considered to be synonymous (admitted terms).

Keel: en

Alusdokumendid: ISO 22074-1:2020; prEN ISO 22074-1

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 22074-2

Railway infrastructure - Rail fastening systems - Part 2: Test method for longitudinal rail restraint (ISO 22074-2:2021)

This document specifies the laboratory test procedure to determine: a) the maximum longitudinal force that can be applied to a rail, secured to a sleeper, bearer or element of ballastless track by a rail fastening assembly, without non-elastic displacement of the rail occurring, or the longitudinal stiffness at a specified longitudinal displacement of a specimen of embedded rail with an adhesive fastening system, and for any type of fastening; b) the shear displacement and slip data required for track-bridge interaction calculations.

Keel: en

Alusdokumendid: ISO 22074-2:2021; prEN ISO 22074-2

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 22074-3

Railway infrastructure - Rail fastening systems - Part 3: Proof load test method for pull-out resistance (ISO 22074-3:2021)

This document specifies a test procedure to confirm that the force necessary to pull the anchorage of a rail fastening assembly out of the sleeper or other supporting element is greater than a prescribed value (i.e. it is a "proof load" test). This test is for components of the fastening system which are: a) cast into concrete during the manufacture of sleepers or other supporting elements; b) glued into the cast or drilled holes in concrete; or c) screwed or otherwise attached to wood, polymeric composite or steel sleepers or other supporting elements. This test is not applicable to embedded rails.

Keel: en

Alusdokumendid: ISO 22074-3:2021; prEN ISO 22074-3

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 22074-4

Railway infrastructure - Rail fastening systems - Part 4: Test methods for resistance to repeated loading (ISO 22074-4:2022)

This document specifies a laboratory test procedure for applying repeated load cycles which generate displacement cycles representative of the displacements caused by traffic on railway track. It is used for assessing the long-term performance of rail fastening systems. This document is applicable to surface mounted rail on sleepers, bearers and slab track and embedded rail. This test procedure applies to a complete fastening assembly.

Keel: en

Alusdokumendid: ISO 22074-4:2022; prEN ISO 22074-4

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 22074-5

Railway infrastructure - Rail fastening systems - Part 5: Test method for electrical resistance (ISO 22074-5:2021)

This document specifies a laboratory test procedure for determining the electrical resistance, in wet conditions, between the running rails provided by a fastening system fitted to a steel or concrete sleeper, bearer or element of ballastless track. It is also applicable to embedded rail. This test procedure applies to a complete fastening assembly. It is relevant to signalling currents, not to traction currents. A reference procedure and an alternative procedure are included.

Keel: en

Alusdokumendid: ISO 22074-5:2021; prEN ISO 22074-5

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 22074-6

Railway infrastructure - Rail fastening systems - Part 6: Test method for resistance to severe environmental conditions (ISO 22074-6:2021)

This document specifies a laboratory test procedure for finding the effect of exposure to severe environmental conditions on the fastening system. This test procedure applies to a complete fastening assembly including embedded rail with mechanical fastenings. It is not applicable to embedded rail systems relying on adhesive components to secure the rail.

Keel: en

Alusdokumendid: ISO 22074-6:2021; prEN ISO 22074-6

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 22074-7

Railway infrastructure - Rail fastening systems - Part 7: Test method for clamping force and uplift stiffness (ISO 22074-7:2021)

This document specifies the laboratory test procedure for determining the clamping force exerted by the fastening system on the foot of the rail by measuring the force to separate the rail foot from its immediate support. When required, the procedure is also used to determine the uplift stiffness of the fastening system. It is applicable to systems with and without baseplates on all types of sleepers, bearers or elements of ballastless track. The test does not determine the security of the fastening components fixed into the sleeper or other fastening system support. This test procedure applies to a complete fastening assembly. It is not applicable to fastening systems for embedded rail or other fastening systems which do not act on the foot of the rail.

Keel: en

Alusdokumendid: ISO 22074-7:2021; prEN ISO 22074-7

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 22074-8

Railway infrastructure - Rail fastening systems - Part 8: Test method for vertical stiffness (ISO 22074-8:2022)

This document specifies laboratory test procedures to determine the static and low-frequency dynamic stiffness of rail pads, baseplate pads and complete rail fastening assemblies.

Keel: en

Alusdokumendid: ISO 22074-8:2022; prEN ISO 22074-8

Arvamusküsitluse lõppkuupäev: 12.02.2024

47 LAEVAEHITUS JA MERE-EHITISED

prEN ISO 16315

Small craft - Electrical systems used for electrical propulsion (ISO/DIS 16315:2023)

ISO 16315:2016 addresses the design and installation of alternating current (AC) and direct current (DC) electrical systems used for the purpose of electrical propulsion and/or electrical hybrid (system with both a rechargeable battery and a fuelled power source) propulsion. ISO 16315:2016 applies to electrical propulsion systems operated in the following ranges either individually or in combination: direct current of less than 1 500 V DC; single-phase alternating current up to AC 1 000 V; three-phase alternating current up to AC 1 000 V. ISO 16315:2016 applies to electrical propulsion systems installed in small craft up to 24 m length of the hull (LH according to ISO 8666).

Keel: en

Alusdokumendid: ISO/DIS 16315; prEN ISO 16315

Asendab dokumenti: EVS-EN ISO 16315:2016

Arvamusküsitluse lõppkuupäev: 12.02.2024

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 3475-807

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 807: Transfer impedance

This document specifies methods for measuring the transfer impedance of a cable. It is intended to be used together with EN 3475 100 and IEC 62153 4 3.

Keel: en

Alusdokumendid: prEN 3475-807

Asendab dokumenti: EVS-EN 3475-807:2002

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN 4128

Aerospace series - Bolt, normal hexagonal head, coarse tolerance shank, short thread, in heat resisting nickel base alloy, aluminium IVD coated - Classification: 1 250 MPa (at ambient temperature)/425 °C

This document specifies the characteristics of bolts, normal hexagonal head, coarse tolerance shank, short thread, in heat resisting nickel base alloy, aluminium IVD coated. Classification: 1 250 MPa /425 °C .

Keel: en

Alusdokumendid: prEN 4128

Asendab dokumenti: EVS-EN 4128:2016

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN 4734-101

Aerospace series - Mechanical transfer contact, fibre optic contact Multi connectors - Part 101: MT male contact 12 ways - Technical specification

This document specifies the performance and dimensions of MT male contact 12 ways for prEN 4733 001 connector specification.

Keel: en

Alusdokumendid: prEN 4734-101

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN 4734-102

Aerospace series - Mechanical transfer contact, fibre optic contact Multi connectors - Part 102: MT female contact 12 ways - Technical specification

This document specifies the performance and dimensions of MT female contact 12 ways for EN XXXX-001 connector specification.

Keel: en

Alusdokumendid: prEN 4734-102

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN 6049-004

Aerospace series - Electrical cables, installation - Protection sleeve in meta-aramid fibres - Part 004: Braided, tubular, high expandable - Product standard

This document defines the characteristics of high expandable braided tubular mechanical protection sleeves for electrical cable and cable bundles made from meta-aramid fibres and provided with a water repelled protection.

Keel: en

Alusdokumendid: prEN 6049-004

Asendab dokumenti: EVS-EN 6049-004:2019

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN 6059-502

Aerospace series - Electrical cables, installation Protection sleeves - Test methods - Part 502: Resistance to electrical arcs

This document specifies a method of assessing the behaviour of protection sleeves or conduits subject to an external electric arc, at 115 VAC 400 Hz. This document is expected to be used together with EN 6059-100. The primary aim of this test is to produce, in a controlled fashion, electric arcs at the immediate vicinity of a protection sleeve or conduit and to examine possible consequences on the surrounding external cables bundle which are adjacent from this protection and are supposed to be maintained in a safe condition. These electric arcs are representative of those, which can occur in service when a typical cable bundle is severely damaged. In order to optimize thickness and mass of such protection, it is necessary to associate a current limit I_n to each sleeves or conduits construction. Two levels of prospective fault current are specified for all protection sizes.

Keel: en

Alusdokumendid: prEN 6059-502

Asendab dokumenti: EVS-EN 6059-502:2014

Arvamusküsitluse lõppkuupäev: 12.02.2024

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 2419

Leather - Physical and mechanical tests - Specimen and test piece conditioning (ISO/DIS 2419:2023)

ISO 2419:2012 specifies the preparation of leather for physical and mechanical testing together with standard atmospheres for conditioning and testing. It is applicable to all types of dry leather.

Keel: en
Alusdokumendid: ISO/DIS 2419; prEN ISO 2419
Asendab dokumenti: EVS-EN ISO 2419:2012
Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 3379

Leather - Determination of distension and strength of surface (Ball burst method) (ISO/DIS 3379:2023)

ISO 3379:2015 specifies a test method for the determination of distension and strength of the leather grain or finished surface. This method is applicable to all flexible leathers and it is particularly suitable to determine the lastability of leathers for footwear uppers.

Keel: en
Alusdokumendid: ISO/DIS 3379; prEN ISO 3379
Asendab dokumenti: EVS-EN ISO 3379:2015
Arvamusküsitluse lõppkuupäev: 12.02.2024

67 TOIDUAINETE TEHNOLOOGIA

prEN ISO 11781

Molecular biomarker analysis - General guidelines for single-laboratory validation of qualitative real-time PCR methods (ISO/DIS 11781:2023)

This document describes the performance characteristics and minimum performance criteria which should be taken into account when conducting a single-laboratory validation study for qualitative (binary) real-time polymerase chain reaction (PCR) methods applied for the detection of specific DNA sequences present in foods. The protocol was developed for qualitative real-time PCR methods for the detection of DNA sequences derived from genetically modified foodstuffs. It is applicable also for single-laboratory validation of qualitative PCR methods used for analysis of other food materials, e.g. for species detection and identification. The document does not cover the evaluation of the applicability and the practicability with respect to the specific scope of the PCR method.

Keel: en
Alusdokumendid: ISO/DIS 11781; prEN ISO 11781
Asendab dokumenti: CEN/TS 17329-1:2021
Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 17174

Molecular biomarker analysis - DNA barcoding of fish and fish products using defined mitochondrial cytochrome b and cytochrome c oxidase I gene segments (ISO/DIS 17174:2023)

This document describes a procedure for the identification of single fish and fish fillets to the level of genus or species. The identification of fish species is carried out by PCR amplification of either a segment of the mitochondrial cytochrome b gene (cytb) [1] or the cytochrome c oxidase I gene (cox1, syn COI) [2], [3] or both, followed by sequencing of the PCR products and subsequent sequence comparison with entries in databases [4], [5]. The methodology allows the identification of a large number of commercially important fish species. The decision whether the cytb or cox1 gene segment or both are used for fish identification depends on the declared fish species, the applicability of the PCR method for the fish species and the availability of comparative sequences in the public databases. This method has been successfully validated on raw fish fillets, however, laboratory experience is available that it can also be applied to processed, e.g. cold smoked, hot smoked, salted, frozen, cooked, fried, deep fried samples. This document is usually unsuitable for the analysis of highly processed foods, e.g. tins of fish, with highly degraded DNA where the fragment lengths are not sufficient for amplification of the targets. Furthermore, it is not applicable for complex fish products containing mixtures of two or more fish species.

Keel: en
Alusdokumendid: prEN ISO 17174; ISO/DIS 17174.2
Asendab dokumenti: CEN/TS 17303:2019
Arvamusküsitluse lõppkuupäev: 13.01.2024

71 KEEMILINE TEHNOLOOGIA

EN 17272:2020/prA1

Chemical disinfectants and antiseptics - Methods of airborne room disinfection by automated process - Determination of bactericidal, mycobactericidal, sporicidal, fungicidal, yeasticidal, virucidal and phagocidal activities

The test methods described are designed to determine the disinfectant activity of processes used in the 1) medical area, 2) veterinary area, 3) food, industrial, domestic and institutional area using automated processes for distributing chemicals by air diffusion with no operator manually applying the disinfectant. This document covers the disinfection of nonporous surfaces but not that of the air. The objective of the described processes is to disinfect the surfaces of the overall area including the external surfaces of the equipment contained in such rooms. Air handling and products or processes specifically designed for the disinfection of medical devices are excluded from the scope of this document. The test methods and volumes described provide a defined challenge. This document is applicable to processes for which activity is claimed against the following groups of

microorganisms: — vegetative bacteria, — mycobacteria, — bacterial spores, — yeasts, — fungal spores, — viruses, — bacteriophages. This document does not cover processes for which the mode of action is based on immersing and/or circulation, flooding, spraying, wiping or other processes where the product is directly applied to the surfaces and not via air dispersion.

Keel: en

Alusdokumendid: EN 17272:2020/prA1

Muudab dokumenti: EVS-EN 17272:2020

Arvamusküsitluse lõppkuupäev: 12.02.2024

73 MÄENDUS JA MAAVARAD

EN 1009-1:2020/prA1

Machines for mechanical processing of minerals and similar solid materials - Safety - Part 1: Common requirements for machinery and processing plants

This document applies to machines for mechanical processing of minerals (cement, lime and gypsum, sand and gravel, industrial minerals, metalliferous ore and hard and soft rock aggregates, coal) and -products (slag and ashes, production and demolition waste) in construction and industry. It deals with the following types of individual machines for the mechanical processing of minerals and similar solid materials: - feeding machinery in accordance with EN 1009-2; - crushing machinery in accordance with EN 1009-3; - milling machinery in accordance with EN 1009-3; - screening machinery in accordance with EN 1009-4; - machinery for cleaning, water recycling, sorting (other than screens) and mud treatment in accordance with EN 1009-5; - mobile machinery in accordance with prEN 1009-6. This document gives the common safety requirements for mechanical processing machines used for quarrying, recycling and processing mineral and by-products (cement, lime and gypsum, sand and gravel, industrial minerals, metalliferous ore, production and demolition waste, slag handling, hard and soft rock aggregates, coal) in construction and surface mining and is intended to be used in conjunction with one of the parts EN 1009 2 to prEN 1009-6. These machine specific parts (EN 1009 2 to prEN 1009 6) do not repeat the requirements from this document, but add or replace the requirements for the machine type in question. NOTE 1 The requirements specified in this part of EN 1009 are common to two or more types of machines for the mechanical processing of minerals and similar solid materials. Specific requirements in EN 1009 2 to prEN 1009-6 take precedence over the respective requirements of this document. This document also covers assemblies of two or more of the mentioned machines which function as an integrated whole. The machines included in the scope of this document can be fixed, semi-mobile or mobile. NOTE 2 prEN 1009-6 "Specific requirements for mobile and semi mobile equipment" is under preparation to cover specific requirements (e.g. mobility, braking, access, frequent transportation), including exceptions and additional requirements for mobile and semi mobile equipment. This document covers transportation, erection, commissioning, use and maintenance of single machines or combination of single machines. This document deals with significant hazards, common to the types of machines listed in this scope when they are used as intended and under conditions for misuse which are reasonably foreseeable by the manufacturer (see Annex F) and to the hazards due to the combination of these machines and specifies the appropriate measures to eliminate or reduce the risks arising from the significant hazards. Design relating to road traffic regulations is not covered by this document. This document does not cover: - design relating to road traffic regulations; - hazards arising from the use of the machines in potentially explosive atmospheres as well as from processing of explosive materials and risks related to electromagnetic compatibility; - specific hazards related to mobile machinery. NOTE 3 EN ISO 13766-1 and EN ISO 13766-2 specify test methods and acceptance criteria for evaluating the electromagnetic compatibility of all kinds of mobile construction machinery. This document is not applicable to machinery which are manufactured before the date of publication of this document by CEN.

Keel: en

Alusdokumendid: EN 1009-1:2020/prA1

Muudab dokumenti: EVS-EN 1009-1:2020

Arvamusküsitluse lõppkuupäev: 12.02.2024

EN 1009-2:2020/prA1

Machines for mechanical processing of minerals and similar solid materials - Safety - Part 2: Specific requirements for feeding machinery and continuous handling equipment

This document, to be used together with EN 1009-1, specifies the safety requirements and their verification for the design and construction of feeding machinery and continuous handling equipment for the mechanical processing in quarrying, recycling and processing mineral and by-products. In addition, it specifies the specific information (including residual risks) to be provided by the manufacturer. When requirements of this document are different from those which are stated in EN 1009-1:2020, the requirements of this part of EN 1009 take precedence over the requirements of EN 1009-1:2020 for machines that have been designed and built according to the provisions of this document. This document, together with EN 1009-1:2020, deals with all the significant hazards, hazardous situations and events relevant to feeding machinery when they are used as intended and under the conditions foreseen by the manufacturer (see Annex C). This document does not cover: - design relating to road traffic regulations; - hazards arising from the use of the machines in potentially explosive atmospheres as well as from processing of explosive materials and risks related to electromagnetic compatibility; - specific hazards related to mobile machinery. NOTE 1 EN ISO 13766-1 and EN ISO 13766-2 specify test methods and acceptance criteria for evaluating the electromagnetic compatibility of all kinds of mobile construction machinery. NOTE 2 An additional prEN 1009-6 "Specific requirements for mobile machinery" is under preparation to cover those specific requirements, including exceptions and additional requirements for mobile and semi mobile equipment. This document is not applicable to feeding machinery and continuous handling equipment which are manufactured before the date of publication of this document by CEN.

Keel: en

Alusdokumendid: EN 1009-2:2020/prA1

Muudab dokumenti: EVS-EN 1009-2:2020

Arvamusküsitluse lõppkuupäev: 12.02.2024

EN 1009-3:2020/prA1

Machines for mechanical processing of minerals and similar solid materials - Safety - Part 3: Specific requirements for crushing and milling machinery

This document, to be used together with EN 1009-1:2020, specifies the safety requirements and their verification for the design and construction of crushing and milling machinery for the mechanical processing in quarrying, recycling and processing mineral and by-products. 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 part of EN 1009 are different from those which are stated in EN 1009-1:2020, the requirements of this part of EN 1009 take precedence over the requirements of EN 1009-1:2020 for machines that have been designed and built according to the provisions of this part of EN 1009. This document, together with EN 1009-1:2020, deals with all the significant hazards, hazardous situations and events relevant to crushing and milling machinery when they are used as intended and under the conditions foreseen by the manufacturer (see Annex C). This document does not cover: - design relating to road traffic regulations; - hazards arising from the use of the machines in potentially explosive atmospheres as well as from processing of explosive materials and risks related to electromagnetic compatibility; - specific hazards related to mobile machinery. NOTE 1 EN ISO 13766-1 and EN ISO 13766-2 specify test methods and acceptance criteria for evaluating the electromagnetic compatibility of all kinds of mobile construction machinery. NOTE 2 prEN 1009-6 "Specific requirements for mobile and semi mobile equipment" is under preparation to cover specific requirements (e.g. mobility, braking, access, frequent transportation), including exceptions and additional requirements for mobile and semi mobile equipment. This means that mobile machines are not covered as long as EN 1009-6 is not published by CEN. This document is not applicable to crushing and milling machinery which are manufactured before the date of publication of this document by CEN.

Keel: en

Alusdokumendid: EN 1009-3:2020/prA1

Muudab dokumenti: EVS-EN 1009-3:2020

Arvamusküsitluse lõppkuupäev: 12.02.2024

EN 1009-4:2020/prA1

Machines for mechanical processing of minerals and similar solid materials - Safety - Part 4: Specific requirements for screening machinery

This document, to be used together with EN 1009-1:2020, specifies the safety requirements and their verification for the design and construction of screening machinery for the mechanical processing in quarrying, recycling and processing mineral and by-products as defined in 3.1. 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 1009-1:2020, the requirements of this document take precedence over the requirements of EN 1009-1:2020 for machines that have been designed and built according to the provisions of this document. This document, together with EN 1009-1:2020, deals with all the significant hazards, hazardous situations and events relevant to screening machinery when they are used as intended and under the conditions foreseen by the manufacturer (see Annex C). This document does not cover: - design relating to road traffic regulations; - hazards arising from the use of the machines in potentially explosive atmospheres as well as from processing of explosive materials and risks related to electromagnetic compatibility; - specific hazards related to mobile machinery. NOTE 1 EN ISO 13766-1 and EN ISO 13766-2 specify test methods and acceptance criteria for evaluating the electromagnetic compatibility of all kinds of mobile construction machinery. NOTE 2 prEN 1009-6 "Specific requirements for mobile and semi mobile equipment" is under preparation to cover specific requirements (e.g. mobility, braking, access, frequent transportation), including exceptions and additional requirements for mobile and semi mobile equipment. This means that mobile machines are not covered as long as EN 1009-6 is not published by CEN. This document is not applicable to screening machinery which are manufactured before the date of publication of this document by CEN.

Keel: en

Alusdokumendid: EN 1009-4:2020/prA1

Muudab dokumenti: EVS-EN 1009-4:2020

Arvamusküsitluse lõppkuupäev: 12.02.2024

EN 1009-5:2020/prA1

Machines for mechanical processing of minerals and similar solid materials - Safety - Part 5: Specific requirements for cleaning, recycling, sorting and mud treatment machinery

This document, to be used together with EN 1009-1, specifies the safety requirements and their verification for the design and construction of machinery for cleaning, water recycling, mud treatment and sorting (other than screens) for the mechanical processing in quarrying, recycling and processing mineral and by-products. 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 part of EN 1009 are different from those which are stated in EN 1009-1:2020, the requirements of this part of EN 1009 take precedence over the requirements of EN 1009-1:2020 for machines that have been designed and built according to the provisions of this part of EN 1009. This document, together with EN 1009-1:2020, deals with all the significant hazards, hazardous situations and events relevant to machinery for cleaning, recycling, mud treatment when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer associated with the whole lifetime of the machine (see Annex C). This document does not cover: - design relating to road traffic regulations; - hazards arising from the use of the machines in potentially explosive atmospheres as well as from processing of explosive materials and risks related to electromagnetic compatibility; - specific hazards related to mobile machinery. NOTE 1 EN ISO 13766-1 and EN ISO 13766-2 specify test methods and acceptance criteria for evaluating the electromagnetic compatibility of all kinds of mobile construction machinery. NOTE 2 prEN 1009-6 "Specific requirements for mobile and semi mobile equipment" is under preparation to cover specific requirements (e.g. mobility, braking, access, frequent transportation), including exceptions and additional requirements for mobile and semi mobile equipment. This means that mobile machines are not covered as long as EN 1009-6 is not published by CEN. This document is not applicable to machinery for cleaning, recycling, mud treatment and sorting which are manufactured before the date of publication of this document by CEN.

Keel: en

Alusdokumendid: EN 1009-5:2020/prA1

Muudab dokumenti: EVS-EN 1009-5:2020

Arvamusküsitluse lõppkuupäev: 12.02.2024

75 NAFTA JA NAFTATEHNOLOOGIA

prEN 13016-3

Liquid petroleum products - Vapour pressure - Part 3: Determination of vapour pressure and calculated dry vapour pressure equivalent (DVPE) (Triple expansion method)

This document specifies a method for the determination of the vapour pressure, exerted in vacuo, by volatile, low viscosity petroleum products, components, ethanol blends up to 85 % (V/V), and feedstocks using a variable volume chamber. A dry vapour pressure equivalent (DVPE) is calculated from the vapour pressure. The conditions used in the test described in this document are a vapour-to-liquid ratio of 4:1 and a test temperature of 37,8 °C. The equipment is not wetted with water during the test, and the method described is therefore suitable for testing samples with or without oxygenates; no account is taken of dissolved water in the sample. This procedure calculates the partial pressure of the air dissolved in the test portion during the triple expansion process. It is suitable for samples with a DVPE between 15,7 kPa and 97,6 kPa; vapour pressures outside this range can be measured but the precision has not been determined. This document is applicable to fuels containing oxygenated compounds up to the limits stated in the relevant Council Directive 85/536/EEC [6], and for ethanol-fuel blends up to 85 % (V/V) ethanol. NOTE For the purposes of this document, the terms "% (m/m)" and "% (V/V)" are used to represent the mass and volume fractions respectively. WARNING - The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of users of this document to take appropriate measures to ensure the safety and health of personnel prior to application of the standard, and to determine the applicability of any further restrictions for this purpose.

Keel: en

Alusdokumendid: prEN 13016-3

Asendab dokumenti: EVS-EN 13016-3:2018

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 13628-1

Oil and gas industries including low carbon energy - Design and operation of subsea production systems - Part 1: General requirements and recommendations (ISO/DIS 13628-1:2023)

ISO 13628-1:2005 provides general requirements and overall recommendations for development of complete subsea production systems, from the design phase to decommissioning and abandonment. ISO 13628-1:2005 is intended as an umbrella document to govern other parts of ISO 13628 dealing with more detailed requirements for the subsystems which typically form part of a subsea production system. However, in some areas (e.g. system design, structures, manifolds, lifting devices, and colour and marking) more detailed requirements are included herein, as these subjects are not covered in a subsystem standard. The complete subsea production system comprises several subsystems necessary to produce hydrocarbons from one or more subsea wells and transfer them to a given processing facility located offshore (fixed, floating or subsea) or onshore, or to inject water/gas through subsea wells. ISO 13628-1:2005 and its related subsystem standards apply as far as the interface limits described in Clause 4. Specialized equipment, such as split trees and trees and manifolds in atmospheric chambers, are not specifically discussed because of their limited use. However, the information presented is applicable to those types of equipment.

Keel: en

Alusdokumendid: ISO/DIS 13628-1; prEN ISO 13628-1

Asendab dokumenti: EVS-EN ISO 13628-1:2006

Asendab dokumenti: EVS-EN ISO 13628-1:2006/A1:2010

Arvamusküsitluse lõppkuupäev: 12.02.2024

77 METALLURGIA

prEN 10265

Magnetics materials - Specification for electrical steel strip and sheet with specified mechanical properties and magnetic polarisation

This document defines the grades of electrical steel strip and sheet with specified mechanical properties and magnetic polarisation. It specifies general requirements, mechanical properties, magnetic polarisation, geometric characteristics, tolerances and technological characteristics, as well as inspection procedures. This document applies to electrical steel strip and sheet for the construction of poles and rims of rotating electrical machines. The grades are grouped into two classes according to their manufacturing process: - hot-rolled grades; - cold-rolled grades. NOTE These materials correspond to EN 60404-1:2018, D.2.

Keel: en

Alusdokumendid: prEN 10265

Asendab dokumenti: EVS-EN 10265:2000

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN 16474**Plastics and rubber machines - Tyre curing machines - Safety requirements**

This document applies to tyre curing machines having the following configuration: - crossing flow tyre curing machines, with one cavity with manual or automatic feeding and discharge; - crossing flow tyre curing machines, with two cavities, with manual or automatic feeding and discharge and with: - common curing cycle and common safeguarding; or - independent curing cycles and independent safeguarding; - tyre curing machines with automatic rear feeding and discharge. The safety requirements and/or protective measures specified in this document apply to tyre curing machines for cycle, motorcycle, passenger vehicle and truck tyres. This document deals with the following ancillaries equipment that are an integral part in a tyre curing machine: - loading/unloading device; - take-away conveyor; - Post Cure Inflator (PCI) integrated in the rear side of a crossing flow machines for passenger vehicle tyres. This document does not deal with: - feeding system and discharge system; - tyre curing machines with manual loading of the green tyre into the mould and manual unloading of the cured tyre from the mould; - ancillary equipment which is not an integral part of the tyre curing machine, e.g. conveying equipment; - exhaust systems. This document deals with all significant hazards, hazardous situations and events relevant to tyre curing machines, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex A). It does not deal with hazards associated with falling of parts of the container or mould because they are not part of the machinery. This document is not applicable to tyre curing machines which are manufactured before the date of its publication as an EN.

Keel: en

Alusdokumendid: prEN 16474

Asendab dokumenti: EVS-EN 16474:2015

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN 17189**Materials obtained from end of life tyres (ELT) - Determination of the true density of granulates and powders - Method based on water pycnometry**

This document sets out methods and test protocols used to determine the true density of granulates and powders produced from ELTs, based on water pycnometry.

Keel: en

Alusdokumendid: prEN 17189

Asendab dokumenti: CEN/TS 17189:2018

Arvamusküsitluse lõppkuupäev: 12.02.2024

EN 1009-1:2020/prA1**Machines for mechanical processing of minerals and similar solid materials - Safety - Part 1: Common requirements for machinery and processing plants**

This document applies to machines for mechanical processing of minerals (cement, lime and gypsum, sand and gravel, industrial minerals, metalliferous ore and hard and soft rock aggregates, coal) and -products (slag and ashes, production and demolition waste) in construction and industry. It deals with the following types of individual machines for the mechanical processing of minerals and similar solid materials: - feeding machinery in accordance with EN 1009-2; - crushing machinery in accordance with EN 1009-3; - milling machinery in accordance with EN 1009-3; - screening machinery in accordance with EN 1009-4; - machinery for cleaning, water recycling, sorting (other than screens) and mud treatment in accordance with EN 1009-5; - mobile machinery in accordance with prEN 1009-6. This document gives the common safety requirements for mechanical processing machines used for quarrying, recycling and processing mineral and by-products (cement, lime and gypsum, sand and gravel, industrial minerals, metalliferous ore, production and demolition waste, slag handling, hard and soft rock aggregates, coal) in construction and surface mining and is intended to be used in conjunction with one of the parts EN 1009 2 to prEN 1009-6. These machine specific parts (EN 1009 2 to prEN 1009 6) do not repeat the requirements from this document, but add or replace the requirements for the machine type in question. NOTE 1 The requirements specified in this part of EN 1009 are common to two or more types of machines for the mechanical processing of minerals and similar solid materials. Specific requirements in EN 1009 2 to prEN 1009-6 take precedence over the respective requirements of this document. This document also covers assemblies of two or more of the mentioned machines which function as an integrated whole. The machines included in the scope of this document can be fixed, semi-mobile or mobile. NOTE 2 prEN 1009-6 "Specific requirements for mobile and semi mobile equipment" is under preparation to cover specific requirements (e.g. mobility, braking, access, frequent transportation), including exceptions and additional requirements for mobile and semi mobile equipment. This document covers transportation, erection, commissioning, use and maintenance of single machines or combination of single machines. This document deals with significant hazards, common to the types of machines listed in this scope when they are used as intended and under conditions for misuse which are reasonably foreseeable by the manufacturer (see Annex F) and to the hazards due to the combination of these machines and specifies the appropriate measures to eliminate or reduce the risks arising from the significant hazards. Design relating to road traffic regulations is not covered by this document. This document does not cover: - design relating to road traffic regulations; - hazards arising from the use of the machines in potentially explosive atmospheres as well as from processing of explosive materials and risks related to electromagnetic compatibility; - specific hazards related to mobile machinery. NOTE 3 EN ISO 13766-1 and EN ISO 13766-2 specify test methods and acceptance criteria for evaluating the electromagnetic compatibility of all kinds of mobile construction machinery. This document is not applicable to machinery which are manufactured before the date of publication of this document by CEN.

Keel: en

Alusdokumendid: EN 1009-1:2020/prA1
Muudab dokumenti: EVS-EN 1009-1:2020

Arvamusküsitluse lõppkuupäev: 12.02.2024

EN 1009-2:2020/prA1

Machines for mechanical processing of minerals and similar solid materials - Safety - Part 2: Specific requirements for feeding machinery and continuous handling equipment

This document, to be used together with EN 1009-1, specifies the safety requirements and their verification for the design and construction of feeding machinery and continuous handling equipment for the mechanical processing in quarrying, recycling and processing mineral and by-products. In addition, it specifies the specific information (including residual risks) to be provided by the manufacturer. When requirements of this document are different from those which are stated in EN 1009-1:2020, the requirements of this part of EN 1009 take precedence over the requirements of EN 1009-1:2020 for machines that have been designed and built according to the provisions of this document. This document, together with EN 1009-1:2020, deals with all the significant hazards, hazardous situations and events relevant to feeding machinery when they are used as intended and under the conditions foreseen by the manufacturer (see Annex C). This document does not cover: - design relating to road traffic regulations; - hazards arising from the use of the machines in potentially explosive atmospheres as well as from processing of explosive materials and risks related to electromagnetic compatibility; - specific hazards related to mobile machinery. NOTE 1 EN ISO 13766-1 and EN ISO 13766-2 specify test methods and acceptance criteria for evaluating the electromagnetic compatibility of all kinds of mobile construction machinery. NOTE 2 An additional prEN 1009-6 "Specific requirements for mobile machinery" is under preparation to cover those specific requirements, including exceptions and additional requirements for mobile and semi mobile equipment. This document is not applicable to feeding machinery and continuous handling equipment which are manufactured before the date of publication of this document by CEN.

Keel: en

Alusdokumendid: EN 1009-2:2020/prA1
Muudab dokumenti: EVS-EN 1009-2:2020

Arvamusküsitluse lõppkuupäev: 12.02.2024

EN 1009-3:2020/prA1

Machines for mechanical processing of minerals and similar solid materials - Safety - Part 3: Specific requirements for crushing and milling machinery

This document, to be used together with EN 1009-1:2020, specifies the safety requirements and their verification for the design and construction of crushing and milling machinery for the mechanical processing in quarrying, recycling and processing mineral and by-products. 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 part of EN 1009 are different from those which are stated in EN 1009-1:2020, the requirements of this part of EN 1009 take precedence over the requirements of EN 1009-1:2020 for machines that have been designed and built according to the provisions of this part of EN 1009. This document, together with EN 1009-1:2020, deals with all the significant hazards, hazardous situations and events relevant to crushing and milling machinery when they are used as intended and under the conditions foreseen by the manufacturer (see Annex C). This document does not cover: - design relating to road traffic regulations; - hazards arising from the use of the machines in potentially explosive atmospheres as well as from processing of explosive materials and risks related to electromagnetic compatibility; - specific hazards related to mobile machinery. NOTE 1 EN ISO 13766-1 and EN ISO 13766-2 specify test methods and acceptance criteria for evaluating the electromagnetic compatibility of all kinds of mobile construction machinery. NOTE 2 prEN 1009-6 "Specific requirements for mobile and semi mobile equipment" is under preparation to cover specific requirements (e.g. mobility, braking, access, frequent transportation), including exceptions and additional requirements for mobile and semi mobile equipment. This means that mobile machines are not covered as long as EN 1009-6 is not published by CEN. This document is not applicable to crushing and milling machinery which are manufactured before the date of publication of this document by CEN.

Keel: en

Alusdokumendid: EN 1009-3:2020/prA1
Muudab dokumenti: EVS-EN 1009-3:2020

Arvamusküsitluse lõppkuupäev: 12.02.2024

EN 1009-4:2020/prA1

Machines for mechanical processing of minerals and similar solid materials - Safety - Part 4: Specific requirements for screening machinery

This document, to be used together with EN 1009-1:2020, specifies the safety requirements and their verification for the design and construction of screening machinery for the mechanical processing in quarrying, recycling and processing mineral and by-products as defined in 3.1. 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 1009-1:2020, the requirements of this document take precedence over the requirements of EN 1009-1:2020 for machines that have been designed and built according to the provisions of this document. This document, together with EN 1009-1:2020, deals with all the significant hazards, hazardous situations and events relevant to screening machinery when they are used as intended and under the conditions foreseen by the manufacturer (see Annex C). This document does not cover: - design relating to road traffic regulations; - hazards arising from the use of the machines in potentially explosive atmospheres as well as from processing of explosive materials and risks related to electromagnetic compatibility; - specific hazards related to mobile machinery. NOTE 1 EN ISO 13766-1 and EN ISO 13766-2 specify test methods and acceptance criteria for evaluating the electromagnetic compatibility of all kinds of mobile construction machinery. NOTE 2 prEN 1009-6 "Specific requirements for mobile and semi mobile equipment" is under preparation to cover specific requirements (e.g. mobility, braking, access, frequent transportation), including exceptions and additional requirements for mobile and semi mobile equipment. This means that

mobile machines are not covered as long as EN 1009-6 is not published by CEN. This document is not applicable to screening machinery which are manufactured before the date of publication of this document by CEN.

Keel: en

Alusdokumendid: EN 1009-4:2020/prA1

Muudab dokumenti: EVS-EN 1009-4:2020

Arvamusküsitluse lõppkuupäev: 12.02.2024

EN 1009-5:2020/prA1

Machines for mechanical processing of minerals and similar solid materials - Safety - Part 5: Specific requirements for cleaning, recycling, sorting and mud treatment machinery

This document, to be used together with EN 1009-1, specifies the safety requirements and their verification for the design and construction of machinery for cleaning, water recycling, mud treatment and sorting (other than screens) for the mechanical processing in quarrying, recycling and processing mineral and by-products. 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 part of EN 1009 are different from those which are stated in EN 1009-1:2020, the requirements of this part of EN 1009 take precedence over the requirements of EN 1009-1:2020 for machines that have been designed and built according to the provisions of this part of EN 1009. This document, together with EN 1009-1:2020, deals with all the significant hazards, hazardous situations and events relevant to machinery for cleaning, recycling, mud treatment when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer associated with the whole lifetime of the machine (see Annex C). This document does not cover: - design relating to road traffic regulations; - hazards arising from the use of the machines in potentially explosive atmospheres as well as from processing of explosive materials and risks related to electromagnetic compatibility; - specific hazards related to mobile machinery. NOTE 1 EN ISO 13766-1 and EN ISO 13766-2 specify test methods and acceptance criteria for evaluating the electromagnetic compatibility of all kinds of mobile construction machinery. NOTE 2 prEN 1009-6 "Specific requirements for mobile and semi mobile equipment" is under preparation to cover specific requirements (e.g. mobility, braking, access, frequent transportation), including exceptions and additional requirements for mobile and semi mobile equipment. This means that mobile machines are not covered as long as EN 1009-6 is not published by CEN. This document is not applicable to machinery for cleaning, recycling, mud treatment and sorting which are manufactured before the date of publication of this document by CEN.

Keel: en

Alusdokumendid: EN 1009-5:2020/prA1

Muudab dokumenti: EVS-EN 1009-5:2020

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN 1366-15

prEN 1366-15 'Fire resistance tests for service installations - Part 15: 1-, 2-, 3- sided ducts'

This Part of EN 1366 specifies a method for determining the fire resistance of horizontal 1-, 2- or 3-sided ventilation ducts and ducts whose fire resistance depends on the fire resistance performance of a ceiling or wall (where ducts are located in cavities enclosed by fire-resistant shafts or ceilings). The test examines the behaviour of ducts exposed to fire from the outside (duct A) and fire inside the duct (duct B). This Standard is used in conjunction with EN1363-1. This test method does not take into consideration the effect of spalling or deflection of the adjoining floor/wall. This test method is only applicable to ventilation ducts that have passed the test for the appropriate time period according to EN1366-1 (Duct A and B) in vertical and horizontal orientations. The test specimens should not incorporate access panels, these are tested in accordance with EN1366-1.

Keel: en

Alusdokumendid: prEN 1366-15

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN 14908-10

Open Data Communication in Building Automation, Controls and Building Management - Control Network Protocol - Part 10: Web Services for Control Networking Protocol Specification

This document specifies an open and extensible standard for residential, commercial, and industrial control and automation applications using the EN 14908-1 control network protocol and related protocols (EN 14908-2 to EN 14908-9) to provision and manage IoT devices, to access and update data from the devices, and to aggregate data from diverse devices and protocols for delivery to external applications and services. The web services as specified in this document are implemented on a central gateway or edge server that communicates with multiple sensor, actuator, and controller edge devices using one or more edge protocols such as EN 14908-1, and also interfaces with one or more enterprise and cloud services or applications.

Keel: en

Alusdokumendid: prEN 14908-10

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 19650-6

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 6: Health and safety information (ISO/DIS 19650-6:2023)

This Document outlines the concepts and principles to ensure that Health and Safety information is developed, shared and managed collaboratively, ensuring the economic, environmental and social benefits are secured. This Document; 1) specifies

requirements for the collaborative sharing of structured H&S information throughout the asset life-cycle. 2) supports the progressive development of structured H&S information for all built assets. 3) provides guidance on how H&S information is produced, flows and can be used throughout the asset lifecycle. Whilst all H&S risk information can be included within an information model, this document requires the contextualization and filtering of hazards and risks to prioritize the elevated risks and aspects that are safety critical. 4) sets out a framework (risk information cycle) for the application of H&S information-use through BIM processes and applications. This document specifies how to use H&S information in order to: a) provide a safer and healthier environment for end-users; b) mitigate the inherent hazards and risks across the asset lifecycle; c) result in improved H&S performance, fewer incidents and associated impacts; d) provide for clearer, more assured and relevant H&S information to the 'right-people' at the 'right time'; e) reduce costs across the whole lifecycle of the asset. The exchange and use of H&S information is intended to support: 1) representation of the nature and characteristics of the project, site, built asset and associated activities; 2) representation of H&S hazards, risks and associated factors; 3) the generalization, dissemination and re-use of H&S knowledge and experience. This document is applicable to individuals and organizations that contribute to and influence the definition of design, construction, use (including maintenance) and end of life of a built asset. This standard is intended to address information management at a stage of maturity described as "building information modelling" (BIM according to the ISO 19650 series. However, the principles and requirements of this document can be applied equally to non-BIM projects.

Keel: en

Alusdokumendid: ISO/DIS 19650-6; prEN ISO 19650-6

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 8100-1

Lifts for the transport of persons and goods - Part 1: Safety rules for the construction and installation of passenger and goods passenger lifts (ISO/DIS 8100-1:2023)

1.1 This document specifies the safety rules for permanently installed new passenger or goods passenger lifts, with traction, positive or hydraulic drive, serving defined landing levels, having a car designed for the transportation of persons or persons and goods, suspended by ropes or chains or jacks and moving between guide rails inclined not more than 15° to the vertical. 1.2 In addition to the requirements of this document, supplementary requirements shall be considered in special cases (use of lifts by persons with disabilities, in case of fire, potentially explosive atmosphere, extreme climate conditions, seismic conditions, transporting dangerous goods, etc.). 1.3 This document does not cover: a) lifts with: 1) drive systems other than those stated in 1.1; 2) rated speed $\leq 0,15$ m/s; b) hydraulic lifts: 1) with a rated speed exceeding 1 m/s; 2) where the setting of the pressure relief valve exceeds 50 MPa (5.9.3.5.3); c) new passenger or goods passenger lifts in existing buildings) where in some circumstances due to limitations enforced by building constraints, some requirements of EN 81 20 cannot be met and EN 81 21 should be considered; d) lifting appliances, such as paternosters, mine lifts, theatrical lifts, appliances with automatic caging, skips, lifts and hoists for building and public works sites, ships' hoists, platforms for exploration or drilling at sea, construction and maintenance appliances or lifts in wind turbines; e) important modifications (see Annex C) to a lift installed before this standard is brought into application; f) safety during operations of transport, erection, repairs, and dismantling of lifts. However, this standard may usefully be taken as a basis. Noise and vibrations are not dealt with in this standard as they are not found at levels which could be considered as harmful with regard to the safe use and maintenance of the lift (see also 0.4.1). 1.4 This document is not applicable to passenger and goods passenger lifts which are installed before the date of its publication as EN. 2) Existing building is a building which is used or was already used before the order for the lift was placed. A building whose internal structure is completely renewed is considered as a new building.

Keel: en

Alusdokumendid: ISO/DIS 8100-1; prEN ISO 8100-1

Asendab dokumenti: EVS-EN 81-20:2020

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 8100-2

Lifts for the transport of persons and goods - Part 2: Design rules, calculations, examinations and tests of lift components (ISO/DIS 8100-2:2023)

This standard specifies the design rules, calculations, examinations and tests of lift components which are referred to by other standards used for the design of passenger lifts, goods passenger lifts, goods only lifts, and other similar types of lifting appliances.

Keel: en

Alusdokumendid: ISO/DIS 8100-2; prEN ISO 8100-2

Asendab dokumenti: EVS-EN 81-50:2020

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEVS 941

Ehitustööde üldised kvaliteedinõuded. Kütte ja jahutussüsteemid General quality requirements for construction works. Heating and cooling systems.

Selles Eesti standardis määratakse üldised tehnilised ja kvaliteedi nõuded Eesti Vabariigis ehitatavatele ja rekonstrueeritavatele kütte- ja jahutussüsteemidele.

Keel: et

Arvamusküsitluse lõppkuupäev: 13.01.2024

prEN ISO 19650-6**Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 6: Health and safety information (ISO/DIS 19650-6:2023)**

This Document outlines the concepts and principles to ensure that Health and Safety information is developed, shared and managed collaboratively, ensuring the economic, environmental and social benefits are secured. This Document; 1) specifies requirements for the collaborative sharing of structured H&S information throughout the asset life-cycle. 2) supports the progressive development of structured H&S information for all built assets. 3) provides guidance on how H&S information is produced, flows and can be used throughout the asset lifecycle. Whilst all H&S risk information can be included within an information model, this document requires the contextualization and filtering of hazards and risks to prioritize the elevated risks and aspects that are safety critical. 4) sets out a framework (risk information cycle) for the application of H&S information-use through BIM processes and applications. This document specifies how to use H&S information in order to: a) provide a safer and healthier environment for end-users; b) mitigate the inherent hazards and risks across the asset lifecycle; c) result in improved H&S performance, fewer incidents and associated impacts; d) provide for clearer, more assured and relevant H&S information to the 'right-people' at the 'right time'; e) reduce costs across the whole lifecycle of the asset. The exchange and use of H&S information is intended to support: 1) representation of the nature and characteristics of the project, site, built asset and associated activities; 2) representation of H&S hazards, risks and associated factors; 3) the generalization, dissemination and re-use of H&S knowledge and experience. This document is applicable to individuals and organizations that contribute to and influence the definition of design, construction, use (including maintenance) and end of life of a built asset. This standard is intended to address information management at a stage of maturity described as "building information modelling" (BIM according to the ISO 19650 series. However, the principles and requirements of this document can be applied equally to non-BIM projects.

Keel: en

Alusdokumendid: ISO/DIS 19650-6; prEN ISO 19650-6

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEVS 935-1**Jalakäijate ülekäiguradade valgustamine lisavalgustusega. Osa 1: Kvaliteedi üldnäitajad ja juhiväärtused****Lighting of pedestrian crossings with additional lighting - Part 1: General quality characteristics and guide values**

See Eesti standard käsitleb avalikult kasutatavaid, pimedal ajal valgustatud kohalike teede ülekäiguradasid, millele paigutatakse lisavalgustus.

Keel: et

Alusdokumendid: DIN 67523-1:2010-06

Asendab dokumenti: EVS 935-1:2017

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEVS 935-2**Jalakäijate ülekäiguradade valgustamine lisavalgustusega. Osa 2: Arvutamine ja mõõtmine****Lighting of pedestrian crossings with additional lighting - Part 2: Calculation and measurement**

See standard sätestab, mil viisil tuleb arvutada ja mõõta standardis EVS 935-1 esitatud kvantitatiivselt käsitatavaid valgustehnilisi kvaliteedinäitajaid. Sätestused on vajalikud, et arvutusi võrreldavalt ja mõõtmisi ühetaoliselt sooritada saaks.

Keel: et

Alusdokumendid: DIN 67523-2:2010-06

Asendab dokumenti: EVS 935-2:2017

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN 14908-10**Open Data Communication in Building Automation, Controls and Building Management - Control Network Protocol - Part 10: Web Services for Control Networking Protocol Specification**

This document specifies an open and extensible standard for residential, commercial, and industrial control and automation applications using the EN 14908-1 control network protocol and related protocols (EN 14908-2 to EN 14908-9) to provision and manage IoT devices, to access and update data from the devices, and to aggregate data from diverse devices and protocols for delivery to external applications and services. The web services as specified in this document are implemented on a central gateway or edge server that communicates with multiple sensor, actuator, and controller edge devices using one or more edge protocols such as EN 14908-1, and also interfaces with one or more enterprise and cloud services or applications.

Keel: en

Alusdokumendid: prEN 14908-10

Arvamusküsitluse lõppkuupäev: 12.02.2024

prEN ISO 20957-1

Stationary training equipment - Part 1: General safety requirements and test methods (ISO/DIS 20957-1:2023)

This part of ISO 20957 specifies general safety requirements and test methods for indoor stationary training equipment unless modified in the other parts of this International Standard. This part of ISO 20957 also covers environmental aspects. It also specifies a classification system (see Clause 4). This part of ISO 20957 is applicable to all stationary training equipment as defined in 3.1. This includes equipment for use in training areas of organizations such as sport associations, educational establishments, hotels, sport halls, clubs, rehabilitation centres and studios (classes S and I) where access and control is specifically regulated by the owner (person who has the legal responsibility), equipment for domestic use (class H) and other types of equipment including motor driven equipment as defined in 3.1. The requirements of a specific part of ISO 20957 take priority over the corresponding requirements of this general standard. If the intended use of the stationary training equipment is for children under 14 years other standards are applicable unless such stationary training equipment is intended for educational purposes in schools and other pedagogical contexts for children under the surveillance of a qualified adult instructor. This part of ISO 20957 does not apply to stationary training equipment intended for outdoor use without supervision e.g. freely accessible. NOTE 1 If a user has special needs (medical rehabilitation, disability) it is essential that the owner (the person with legal responsibility) conducts a specific risk assessment to determine safe use and if necessary to ensure trained staff are available to supervise the activity. NOTE 2 In the event that the stationary training equipment is intended for medical purposes, attention is drawn to the requirements of MDR 2017/745/EU in addition to the requirements of this part of ISO 20957. NOTE 3 In the event that the stationary training equipment is intended for children's purposes, attention is drawn to the requirements of Council Directive of 18 June 2009 on the approximation of the laws of the Member States relating to safety of toys 2009/48/EC in addition to the requirements of this part of ISO 20957. NOTE 4 In the event that the stationary training equipment is designed to be accessible to people with disability, attention is drawn to any relevant national guidelines. NOTE 5 Concerning flammability, attention is drawn to national regulations. NOTE 6 In the event that the stationary training equipment contains environmental critical components, attention is drawn to national regulations, e.g. European Directives.

Keel: en

Alusdokumendid: ISO/DIS 20957-1; prEN ISO 20957-1

Asendab dokumenti: EVS-EN ISO 20957-1:2013

Arvamusküsitluse lõppkuupäev: 12.02.2024

TÕLKED KOMMENTEERIMISEL

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

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

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

prEN 747-1

Mööbel. Narivoodid ja kõrged voodid. Osa 1: Ohutuse, tugevuse ja vastupidavuse nõuded.

See dokument määrab kindlaks ohutuse, tugevuse ja vastupidavuse nõuded narivooditele ja kõrgetele vooditele koduseks ja koduväliseks kasutamiseks. Standard on rakendatav narivooditele ja kõrgetele vooditele sise pikkusega enam kui 1400 mm ja voodipõhja maksimaalse laiusel 1200 mm ja kõrgusega põrandast voodipõhja ülemise pinnani 600 mm või enam. See dokument ei rakendu eriotstarbelise kasutusega narivooditele ja kõrgetele vooditele, mis hõlmab kasutust vanglates ning sõjaväe- ja tuletõrjeüksuste poolt, kuid ei piirdu sellega. Kui narivoodiga/kõrge voodiga kaasnevad teised tooted, nagu näiteks laud või mahutusmööbel, võivad lisaks kehtida asjakohased Euroopa standardid. Dokument sisaldab ühte lisa: — Lisa A (teatmelisa) – Põhjendused.

Keel: et

Alusdokumendid: prEN 747-1

Kommenteerimise lõppkuupäev: 13.01.2024

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 standarddilaadsete 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 2382-37:2003

Infotehnoloogia. Sõnastik. Osa 37: Virtuaalreaalsus

Information technology - Vocabulary - Part 37: Virtual reality

Standard on mõeldud soodustama rahvusvahelist suhtlust infotehnoloogias. Ta esitab infotehnoloogia valdkonna jaoks oluliste valitud mõistete terminid ja määratlused kahes keeles ning määratleb artiklite vahelised seosed. Teistesse keeltesse tõlkimise hõlbustamiseks on määratlused kavandatud nii, et võimalikult välistada ühele keelele omaseid iseärasusi. Standard määratleb virtuaalreaalsusega seotud mõisteid.

Keel: et-en

Alusdokumendid: ISO/IEC WD2 2382-37:

Tühistamisküsitluse lõppkuupäev: 13.01.2024

EVS-EN 16995:2017

Foodstuffs - Vegetable oils and foodstuff on basis of vegetable oils - Determination of mineral oil saturated hydrocarbons (MOSH) and mineral oil aromatic hydrocarbons (MOAH) with on-line HPLC-GC-FID analysis

This European Standard specifies a highly efficient method for the determination of saturated and aromatic hydrocarbons (from C10 to C50) in vegetable fats and oils and foodstuff on basis of vegetable oils for which it has been interlaboratory validated, with online-HPLC-GC-FID [1], [2] and [3]. This standard is not intended to be applied to other matrices. The method can be used for the analysis of mineral oil saturated hydrocarbons (MOSH) and/or mineral oil aromatic hydrocarbons (MOAH). The method has been tested in an interlaboratory study via the analysis of both naturally contaminated and spiked vegetable oil samples and mayonnaise and margarine samples, ranging from 4 mg/kg to 197 mg/kg for MOSH, and from 2 mg/kg to 51 mg/kg for MOAH. According to the results of the interlaboratory studies, the method has been proven suitable for MOSH- and MOAH mass concentrations each above 10 mg/kg. In case of suspected interferences from natural sources, the mineral origin of the MOSH and MOAH fraction can be verified by examination of the pattern by GC-MS.

Keel: en

Alusdokumendid: EN 16995:2017

Tühistamisküsitluse lõppkuupäev: 13.01.2024

UUED EESTIKEELSESED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS-EN 12390-6:2023

Kivistunud betooni katsetamine. Osa 6: Katsekehade lõhestustõmbetugevus Testing hardened concrete - Part 6: Tensile splitting strength of test specimens

See dokument spetsifitseerib kivistunud betoonkatsekehade lõhestustõmbetugevuse määramise meetodi. Referentskatsekehad on valatud silindrilised katsekehad. Sellel meetodil saab katsetada ka vähemalt 75 mm läbimõõduga puursüdamikke, mis vastavad standardi EN 12504-1 nõuetele. Kuubi- või prismakujuliste katsekehade kasutamist käsitletakse lisas A.

EVS-EN 12521:2023

Mööbel. Ohutus, tugevus ja vastupidavus. Nõuded kodulaudadele Furniture - Safety, strength and durability - Requirements for domestic tables

See dokument määrab kindlaks minimaalsed ohutuse, tugevuse ja vastupidavuse nõuded kõikidele täiskasvanutele kasutamiseks mõeldud kodulaudade tüüpidele, kaasa arvatud nendele, mille konstruktsioonis on klaas. See sisaldab ka täiendavaid katsemeetodeid lisas A ja lisas B. See ei rakendu büroolaudadele ega pultidele, koduvälise kasutusega laudadele, haridusasutuste laudadele ega õuelaudadele, millele on olemas Euroopa standardid. See ei rakendu pukkjalgedega laudadele. See dokument ei anna hinnangut ühegi kodulaudades sisalduva mahutuselemendi sobivuse kohta, välja arvatud püstivuskatsete puhul. See ei sisalda nõudeid elektriohutusele. See ei sisalda nõudeid vastupanule vananemisele ja kvaliteedi halvenemisele. Lisa A (normlisa) sisaldab katsemeetodeid sõrmede kinnijäämiseks. Lisa B (teatmelisa) sisaldab lauaplaadi läbipainde katset. Lisa C (teatmelisa) sisaldab põhjendust.

EVS-EN 1264-2:2021

Veepõhised pinnasised kütte- ja jahutussüsteemid. Osa 2: Põrandküte: Soojusvõimsuse kindlaksmääramise meetodid, kasutades arvutusi ja eksperimentaalseid katseid Water based surface embedded heating and cooling systems - Part 2: Floor heating: Methods for the determination of the thermal output using calculations and experimental tests

Standardisarjas EN 1264 antakse juhised pinnasise kütte- ja jahutussüsteemide kohta, mis on paigaldatud hoonetes, elamutesse ja mitteelamutesse (nt kontorid, avalikud, äri- ja tööstushooned), ning keskendutakse soojusliku mugavuse otstarbel paigaldatud süsteemidele. Standardisarjas EN 1264 antakse juhised veepõhiste kütte- ja jahutussüsteemide kohta, mis on sisse ehitatud köetava või jahutatava ruumi piirettesse. Samuti määratletakse muude soojuskandjate kasutamist vee asemel, kui see on asjakohane. Standardisarjas EN 1264 määratletakse standarditud tootemadused arvutuste ja soojusvõimsuse katsete teel tehniliste spetsifikatsioonide ja sertifikaatide jaoks. Nende süsteemide projekteerimise, rajamise ja kasutamise jaoks vt tüüpide A, B, C, D, H, I ja J kohta standardid EN 1264-3 ja EN 1264-4. Tüüpide E, F ja G kohta vt standardisari EN ISO 11855. Standardisarjas EN 1264 määratletud süsteemid külgnevad hoone piirde konstruktsiooniga, mis on paigaldatud vahetult või kinnituskanduritega. Standardisarjas EN 1264 ei määratleta ripplagedesse paigaldatud laesüsteeme, kus süsteemi ja ehituskonstruktsiooni vahel on kavandatud avatud õhuvahe, mis võimaldab õhu termilist ringlust. Nende süsteemide soojusvõimsust saab määrata standardisarja EN 14037 ja standardi EN 14240 järgi. Standardis EN 1264-2 täpsustatakse sooja veega põrandküttesüsteeme. Standardi EN 1264-5 rakendamine nõuab, et enne seda kasutatakse standardit EN 1264-2. Standardis EN 1264-5 määratletakse standardis EN 1264-2 määratletud põrandküttesüsteemide soojusvõimsuse teisendamist seintesse ja lagedesse sisseehitatud küttepinde soojusvõimsuseks ning põrandatesse, seintesse ja lagedesse sisseehitatud jahutuspinde soojusvõimsuseks. Standardis EN 1264-2 täpsustatakse sooja veega põrandküttesüsteemide soojusvõimsuse määramise piirtingimused ning katsemeetodid soojuskandja ja ruumi temperatuuride erinevuse funktsioonina. Soojusvõimsust katsetatakse arvutus- ja mõõtmismeetodil. Arvutusmeetodid kohaldatakse süsteemidele, mis vastavad standardi EN 1264-1 määratlustele (tüübid A, B, C, D, H, I ja J). Mõõtmismeetod annab juhised süsteemidele, mis nendele määratlustele ei vasta. Arvutus- ja mõõtmismeetod on teineteisega kooskõlas ning annavad korrelatiivsed ja täiesti vastavad katsetulemused. Katsetulemused, mis on väljendatud olenevalt muudest parameetritest, on tavaline erisoojusvõimsus ning sellega seotud tavaline soojuskandja temperatuuri ja toatemperatuuri vaheline erinevus, samuti tannuskõverate väljad, mis näitavad erisoojusvõimsuse ning soojuskandja ja ruumi temperatuuride erinevuse vahelist sõltuvust.

EVS-EN 15725:2023

Ehitustoodete ja -elementide laiendatud tuleohutusosalane kasutusulatus: EXAP-standardite ja EXAP-protokollide koostamise põhimõtted Extended application on the fire performance of construction products and building elements: Principle of EXAP standards and EXAP reports

See dokument pakub protseduurid standardite ja protokollide koostamiseks, järgides laiendatud kasutusulatuse (EXAP) protsessi, mis kasutab tulekindluse katseid, tulepüsimise katseid (sealhulgas teiste toimivusomaduste, nt suitsu lekke/tõkke ja/või isesulgumisvõime kestvuse katseid) ja katusekatete välise tulekindluse katseid, mis on läbi viidud toodete või tootepere standardisarja EN 13501 erinevate osade kohase tuleohutusosalase klassifikatsiooni saamiseks. EXAP-reeglid piiravad nõutavate katsete arvu, luues meetodeid toodete valiku (nt tootevalik, suuremad mõõtmed jne) tuleohutusosalase klassifikatsiooni määramiseks ning EXAP-reeglid moodustavad standarditud tehnilised kokkulepped parameetrite muutmiseks. EXAP-i põhiidee on töötada välja ohutud meetodid, mis võimaldavad laiendada katsetatud toote kasutusulatust, säilitades samal ajal toote nõutud klassifikatsiooni. Katseprotokollid on aluseks EXAP-protokollile. See dokument viitab läbivalt „laiendatud kasutusulatuse standarditele“; kus iganes seda terminit kasutatakse, viitab see kas standardile, mille on koostanud

CEN/TC 127 „Fire safety in buildings“, või asjakohasele tootestandardile, mis sisaldab informatsiooni laiendatud kasutusulatusel kohta. Euroopa süsteem võimaldab hetkel laiendatud kasutusulatusel reegleid lisada ka tehnilistesse spetsifikatsioonidesse. Neid reegleid loovatelt CEN-i tehnilistelt komiteedelt ja EOTA töögruppidele on palutud otsida juhiseid tehniliselt komiteelt CEN/TC 127 tagamaks, et nende reeglid on kooskõlas tehnilise komitee CEN/TC 127 koostatud standarditega. Juhtudel, kui laiendatud kasutusulatusel reeglid harmoneeritud EN tootestandardites ja ETA-des ei ole kooskõlas tehnilise komitee CEN/TC 127 koostatud standarditega, on CEN BT-d sellest informeeritud. See dokument ei hõlma toote kaasamist ehitustöödel, mida hinnatakse rahvuslike nõuete alusel. Ekspertarvamus (st arvamus, mis ei võta arvesse / ei ole hõlmatud EXAP-standardiga ning baseerub ainult ühe indiviidi kogemusele) ei ole selle protsessi osa.

EVS-EN 15959:2023

Anorgaanilised väetised. Ekstraheeritud fosfori P2O5 määramine Inorganic fertilizers - Determination of extracted phosphorus P2O5

See dokument määrab kindlaks fosfori määramise meetodi väetiseekstraktides. Meetod on rakendatav kõikide väetiste ekstraktide puhul fosfori eri vormide määramiseks mineraalhapetes lahustuva fosforina, vees lahustuva fosforina, neutraalses ammoniumtsitraadi lahuses lahustuva fosforina, 2 % sidrunhappes lahustuva fosforina ja 2 % sipelghappe massifraktsioonis lahustuva fosforina. Meetod on kinnitatud rakendamiseks ainult anorgaaniliste väetiste puhul, kuid õigeid ekstraheerimismeetodeid kasutades saab seda kasutada kogu ekstraheeritud fosfori puhul.

EVS-EN 16035:2023

Akna- ja uksetarvikute toimivuse infoleht (HPS). Tule ja/või suitsu tõkestamiseks kasutatavate uste ja/või avatavate akende tarvikute võrdlemist võimaldavate katseandmete identifitseerimine ning kokkuvõte

Hardware performance sheet (HPS) - Identification and summary of test evidence to facilitate the inter-changeability of building hardware for application to fire resisting and/or smoke control doorsets and/or openable windows

See dokument võtab akna- ja uksetarvikute toimivuse infolehe (HPS) vormingus kokku asjakohased tulemused ja klassifikatsioonid hoone akna- ja uksetarvikute tulepüsivuse, suitsutõkke ja sellega seotud vastupidavuse katsetest. See dokument annab juhised ja nõuded minimaalsete nõutud andmete kohta, mis on vajalikud EXAP-aruanete ettevalmistamise alusena ehitise tule- ja/või suitsukindlate uste ja avatavate akende tarvikute vahetatavuse kohta. See dokument määratleb ehitise tule- ja/või suitsukindlate uste ja avatavate akende tarvikute toimivusomadused ja nõuded, mis võib leida vastavatest tootestandarditest.

EVS-EN 197-6:2023

Tsement. Osa 6: Taaskasutatavaid ehitusmaterjale sisaldav tsement Cement - Part 6: Cement with recycled building materials

See dokument spetsifitseerib taaskasutatavat betooni peenosist sisaldava tsemendi, mille ette nähtud kasutusala on betooni, mördi, süstmördi jne valmistamine.

EVS-EN 480-1:2023

Betooni, mördi ja süstmördi keemilised lisandid. Katsemeetodid. Osa 1: Katsetamisel kasutatav etalonbetoon ja etalonmört

Admixtures for concrete, mortar and grout - Test methods - Part 1: Reference concrete and reference mortar for testing

See dokument spetsifitseerib etalonbetooni ja etalonmördi lähtematerjalid, koostise ja segamise meetodi, mida kasutatakse lisandite efektiivsuse ja sobivuse katsetamisel standardisarja EN 934 kohaselt.

EVS-EN IEC 61557-7:2022/A1:2023

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitse süsteemide katsetus-, mõõte- ja seireseadmed. Osa 7: Faasijärjestus Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 7: Phase sequence

Standardi EVS-EN IEC 61557-7:2022 muudatus.

EVS-EN IEC 61557-7:2022+A1:2023

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitse süsteemide katsetus-, mõõte- ja seireseadmed. Osa 7: Faasijärjestus Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 7: Phase sequence (IEC 61557-7:2019)

Standardisarja IEC 61557 see osa sätestab nõuded kolme faasilises jaotussüsteemis faasijärjestuse katsetamiseks kasutatavatele mõõteseadmetele. Faasijärjestuse näit võib olla mehaaniline, visuaalne ja/või akustiline. See dokument ei kehti muude suuruste täiendavate mõõtmiste kohta. See ei kehti ka seireseadmete kohta. MÄRKUS Üldkasutatavad kolme faasilised süsteemid on esitatud standardi IEC 61010-1:2010 lisa I ja selle muudatuse IEC 61010-1:2010/AMD1:2016 lisa I.

EVS-EN ISO 4037-1:2021

Kiirguskaitse. Dosimeetrite ja doosi kiiruse mõõteseadmete kalibreerimiseks ning nende footoni energiast sõltuva koste määramiseks kasutatav röntgen- ja gammaetalonkiirgus. Osa 1: Kiirgusparameetrid ja saamise meetodid

Radiological protection - X and gamma reference radiation for calibrating dosimeters and doserate meters and for determining their response as a function of photon energy - Part 1: Radiation characteristics and production methods (ISO 4037-1:2019)

Selles dokumendis konkretiseeritakse röntgen- ja gammaetalonkiirguse omadused ja saamise meetodid kiirguskaitse kasutatavate dosimeetrite ja radiomeetrite kalibreerimiseks Rahvusvahelise Radioloogiliste Ühikute ja Mõõtmiste Komisjoni (ICRU) fantoomiga seotud tegevussuuste suhtes [5]. Vähi õhukerma kiirus, mille suhtes see standard kehtib, on 1 $\mu\text{Gy h}^{-1}$. Sellest õhukerma kiiruse väärtusest madalama väärtuse korral tuleb (looduslikule) taustkiirgusele pöörata erilist tähelepanu ja see ei sisaldu selles dokumendis. Peatükkides 4 kuni 6 toodud kiirgusomaduste kohta on piisavalt avaldatud teavet, et täpsustada kombineeritud või kirjeldatud etalonväljade kõikide oluliste parameetrite nõuded, saavutamaks sihipärane laiendmääramatus umbes 6 % kuni 10 % ($k = 2$) fantoomiga seotud tegevussuuste jaoks. Teatmelisades A kuni C kirjeldatud röntgenkiirguse välja ei märgita seal röntgenkiirguse etalonväljadeks. MÄRKUS 1996. aastal välja antud standardi ISO 4037-1 esimene väljaanne sisaldas mõningaid täiendavaid kiirgusomadusi, mille kohta selline avaldatud teave pole saadaval. Need on fluorestsentskiirgused, radionukliidi 241Am gammakiirgus, S-Am ning kõrge energiaga footonkiirgused R-Ti ja R-Ni, mis on eemaldatud selle dokumendi põhiosast. Enim kasutatavad kiirgused, radionukliidi 241Am fluorestsentskiirgus ja gammakiirgus, S-Am, sisalduvad peaaegu muutmata kujul teatmelisades A ja B. Teatmelis C on toodud täiendavad röntgenkiirguse väljad, mida iseloomustab kvaliteediindeks. Konkreetse footoni energia vahemikuga etalonkiirguste rühma tekitamise meetodeid on kirjeldatud peatükkides 4 kuni 6, mis määravad kindlaks nende kiirguste omadused. Etalonkiirguste kolm rühma on a) energjavahemik umbes 8 keV kuni 330 keV, pidev filtreeritud röntgenkiirgus; b) energjavahemik 600 keV kuni 1,3 MeV, radionukliidide kiiratud gammakiirgus; c) energjavahemik 4 MeV kuni 9 MeV, kiirandite abil saadud footonkiirgus. Kavandatavaks rakenduseks sobivaima etalonkiirguse välja saab leida tabelist 1, mis annab ülevaate kõigist peatükkides 4 kuni 6 toodud etalonkiirguse kiirgusomadustest. See ei hõlma lisades A, B ja C nimetatud kiirgust. Peatükkides 4 kuni 6 esitatud nõuded ja meetodid on suunatud doosi (doosikiiruse) väärtuse laiendmääramatuse ($k = 2$), ligikaudu 6 % kuni 10 %, saavutamiseks fantoomiga seotud tegevussuuste puhul etalonväljades. Selle saavutamiseks pakutakse välja kaks saamise meetodit: Esimene neist on „kombineeritud etalonväljade“ tekitamine, mille omadused on piisavalt hästi iseloomustatud, et võimaldada kasutada standardis ISO 4037-3 soovitatud teisendustegureid. Vaid väikese erinevuse olemasolu „kombineeritud etalonvälja“ spektraalses jaotuses, võrreldes nominaalse etalonväljaga, kinnitatakse meetoditega, mis on esitatud ja üksikasjalikult kirjeldatud standardis ISO 4037-2. Kiirguse kombineeritud etalonväljade puhul on soovitatavad teisendustegurid toodud standardis ISO 4037-3 ainult teatud allika ja dosimeetri vaheliste kindlaksmääratud kauguste jaoks, nt 1,0 m ja 2,5 m. Teiste vahemaade puhul peab kasutaja otsustama, kas neid teisendustegureid saab kasutada. Juhul kui mõlemad väärtused on lähedased, nt erinevus on ainult 2 % või vähem, võib kasutada lineaarset interpolatsiooni. Teine meetod on „kirjeldatud etalonväljade“ tekitamine. Selleks määratakse teisendustegurid kas spektromeetria abil või mõõdetakse vajalikud väärtused otse, sekundaarsete etalonosimeetrite abil. Seda meetodit rakendatakse mis tahes kiirgusomaduse, mis tahes mõõtesuure ja vajaduse korral mis tahes fantoomi ja kiirguse langemisuurga suhtes. Lisaks, nõuded etalonkiirgust kirjeldavatele parameetritele, sõltuvad määratud sügavusest fantoomis, st 0,07 mm, 3 mm ja 10 mm, seejuures eri sügavuste jaoks kehtivad erinevad nõuded. Seega võib antud kiirgusväli olla 0,07 mm sügavuse jaoks „kombineeritud etalonväli“, kuid mitte 10 mm sügavuse jaoks, mille jaoks see võib olla „kirjeldatud etalonväli“. Teisendustegureid saab määrata mis tahes vahemaaga jaoks tagades, et õhukerma kiirus ei oleks alla 1 $\mu\text{Gy/h}$. Mõlemad meetodid vajavad etalonvälja jaoks laetud osakeste tasakaalu. Ometi ei ole seda alati saavutatud töökohal olevas väljas, mille jaoks dosimeeter on kalibreeritud. See kehtib eriti footoni energia korral, mil puudub etalonisügavusel d sellele omane laetud osakeste tasakaal, mis omakorda sõltub energia ja etalonisügavuse d tegelikust kombinatsioonist. Üle 65 keV, 0,75 MeV ja 2,1 MeV energiaga elektronid suudavad lihtsalt läbistada vastavalt 0,07 mm, 3 mm ja 10 mm ICRU kudet ja nendest väärtustest suuremate energiatega footonite kiirgusomadusi käsitletakse nendel sügavustel nagu ilma loomupärase tasakaaluta laetud osakeste jaoks defineeritud suuruste kiirgusomadusi. Määramaks doosi (doosikiiruse) väärtust ja selle laiendmääramatuse väärtust, peavad kõik suuruse väärtuste määramiseks kasutatavad mõõteriistad olema siseriiklike etalonideni jälgitavalt kalibreeritud. See dokument ei käsitle impulsskiirguse etalonvälju.

EVS-EN ISO 4037-2:2021

Kiirguskaitse. Dosimeetrite ja doosi kiiruse mõõteseadmete kalibreerimiseks ning nende footoni energiast sõltuva koste määramiseks kasutatav röntgen- ja gammaetalonkiirgus. Osa 2: Kiirguskaitse energia vahemikes 8 keV kuni 1,3 MeV ja 4 MeV kuni 9 MeV

Radiological protection - X and gamma reference radiation for calibrating dosimeters and doserate meters and for determining their response as a function of photon energy - Part 2: Dosimetry for radiation protection over the energy ranges from 8 keV to 1,3 MeV and 4 MeV to 9 MeV (ISO 4037-2:2019)

Selles dokumendis konkretiseeritakse toimingud röntgen- ja gammaetalonkiirguse, mida kasutatakse kiirguskaitse mõõteriistade kalibreerimiseks energjavahemikus umbes 8 keV kuni 1,3 MeV ja 4 MeV kuni 9 MeV ning õhukerma kiiruse korral üle 1 $\mu\text{Gy/h}$, dosimeetriaks. Arvesse võetud mõõtesuured on õhukerma vabas õhus Ka ja Rahvusvahelise Kiirgusühikute ja Mõõtmiste Komisjoni (ICRU) [2] fantoomiga seotud tegevussuured $\text{H}^*(10)$, $\text{Hp}(10)$, $\text{H}'(3)$, $\text{Hp}(3)$, $\text{H}'(0,07)$ ja $\text{Hp}(0,07)$ koos vastavate doosikiirustega. Kiirguse tekitamise meetodid on toodud standardis ISO 4037-1. Seda dokumenti saab kasutada ka standardi ISO 4037-1:2019 lisades A, B ja C toodud kiirgusomaduste kohta, kuid see ei tähenda, et nendes lisades kirjeldatud kiirgusomaduste kalibreerimistunnistus vastaks standardisarja ISO 4037 nõuetele. Selles dokumendis esitatud nõuded ja meetodid on suunatud doosi (doosikiiruse) väärtuse laiendmääramatuse ligikaudu 6 % kuni 10 % ($k = 2$) saavutamiseks fantoomiga seotud tegevussuuste puhul etalonväljades. Et seda saavutada, pakutakse standardis ISO 4037-1 välja kaks etalonväljade tekitamise viisi. Esimene neist on selliste „kombineeritud etalonväljade“ tekitamine, mis järgivad nõudeid nii täpselt, et saab kasutada soovitatud teisendustegureid. „Kombineeritud etalonvälja“ spektraaljaotuse üksnes väikese erinevuse olemasolu võrreldes nominaalse etalonväljaga kinnitavad protseduurid, mis on esitatud ja üksikasjalikult kirjeldatud selles dokumendis. Kombineeritud etalonväljade puhul on soovitatavad teisendustegurid toodud standardis ISO 4037-3 ainult teatud

allika ja dosimeetri vaheliste kindlaksmääratud kauguste jaoks, nt 1,0 m ja 2,5 m. Teiste vahemaade puhul peab kasutaja otsustama, kas neid teisendustegureid saab kasutada. Teine meetod on „kirjeldatud etalonväljade“ tekitamine. Selleks määratakse teisendustegurid kas spektromeetria abil või mõõdetakse vajalikud väärtused otse, sekundaarsete standarddosimeetrite abil. Seda meetodit rakendatakse mis tahes kiirgusomaduse, mis tahes mõõtesuuruse ning vajaduse korral mis tahes fantoomi ja kiirguse langemisenurga suhtes. Teisendustegureid saab määrata mis tahes vahemaa jaoks tagades, et õhukerma kiirus ei oleks alla 1 $\mu\text{Gy/h}$. Mõlemad meetodid vajavad etalonvälja jaoks laetud osakeste tasakaalu. Ometi ei ole seda alati saavutatud töökohal olevas väljas, mille jaoks dosimeeter peab olema kalibreeritud. See kehtib eriti footoni energia korral, mil puudub etalonsügavusel d sellele omane laetud osakeste tasakaal, mis omakorda sõltub energia ja etalonsügavuse d tegelikust kombinatsioonist. Üle 65 keV, 0,75 MeV ja 2,1 MeV energiaga elektronid suudavad läbistada vastavalt 0,07 mm, 3 mm ja 10 mm ICRU kudet ning nendest väärtustest suuremate energiatega footonite korral, kiirgusomadused nende sügavuste jaoks defineeritud suurustele, loetakse ilma sisemise tasakaaluta laetud osakeste kiirgusomadusteks. Selles dokumendis ei käsitleta pulsseerivate etalonväljade dosimeetriat.

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 1264-3:2021	Veepõhised piirdesisesed kütte- ja jahutussüsteemid. Osa 3: Dimensioneerimine	Veepõhised pinnasisesed kütte- ja jahutussüsteemid. Osa 3: Dimensioneerimine
EVS-EN 1264-4:2021	Veepõhised piirdesisesed kütte- ja jahutussüsteemid. Osa 4: Paigaldamine	Veepõhised pinnasisesed kütte- ja jahutussüsteemid. Osa 4: Paigaldamine
EVS-EN 17109:2020	Kõitest rajad. Isikukaitsesüsteemid. Ohutusnõuded ja katsemeetodid	Mägironimisvarustus. Individuaalne julgestussüsteem kõisradadele. Ohutusnõuded ja testimeetodid
EVS-EN ISO 11607-1:2020/A1:2023	Lõplikult steriliseeritud meditsiiniseadme pakendamine. Osa 1: Nõuded materjalile, steriilsele barjäärile ja pakendusele	Lõplikult steriliseeritud meditsiiniseadme pakendamine. Osa 1: Nõuded materjalile, steriilsele barjäärile ja pakendusele. Muudatus 1: Riskihalduse rakendamine

UUED EESTIKEELSE PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 1264-2:2021	Water based surface embedded heating and cooling systems - Part 2: Floor heating: Methods for the determination of the thermal output using calculations and experimental tests	Veepõhised pinnasisesed kütte- ja jahutussüsteemid. Osa 2: Põrandküte: Soojusvõimsuse kindlaksmääramise meetodid, kasutades arvutusi ja eksperimentaalseid katseid
EVS-EN 15725:2023	Extended application on the fire performance of construction products and building elements: Principle of EXAP standards and EXAP reports	Ehitustoodete ja -elementide laiendatud tuleohutusala kasutusulatus: EXAP-standardite ja EXAP-protokollide koostamise põhimõtted
EVS-EN 197-6:2023	Cement - Part 6: Cement with recycled building materials	Tsement. Osa 6: Taaskasutatavaid ehitusmaterjale sisaldav tsement
EVS-EN 480-1:2023	Admixtures for concrete, mortar and grout - Test methods - Part 1: Reference concrete and reference mortar for testing	Betooni, mördi ja süstmördi keemilised lisandid. Katsemeetodid. Osa 1: Katsetamisel kasutatav etalonbetoon ja etalonmört
EVS-EN ISO 4037-1:2021	Radiological protection - X and gamma reference radiation for calibrating dosimeters and doserate meters and for determining their response as a function of photon energy - Part 1: Radiation characteristics and production methods (ISO 4037-1:2019)	Kiirguskaitse. Dosimeetrite ja doosi kiiruse mõõteseadmete kalibreerimiseks ning nende footoni energiast sõltuva koste määramiseks kasutatav röntgen- ja gammaetalonkiirgus. Osa 1: Kiirgusparameetrid ja saamismeetodid
EVS-EN ISO 4037-2:2021	Radiological protection - X and gamma reference radiation for calibrating dosimeters and doserate meters and for determining their response as a function of photon energy - Part 2: Dosimetry for radiation protection over the energy ranges from 8 keV to 1,3 MeV and 4 MeV to 9 MeV (ISO 4037-2:2019)	Kiirguskaitse. Dosimeetrite ja doosi kiiruse mõõteseadmete kalibreerimiseks ning nende footoni energiast sõltuva koste määramiseks kasutatav röntgen- ja gammaetalonkiirgus. Osa 2: Kiirguskaitsealine dosimeetria energiavahemikes 8 keV kuni 1,3 MeV ja 4 MeV kuni 9 MeV

UUED HARMONEERITUD STANDARDID

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

Harmoneeritud standardiks nimetatakse EL-i õigusaktide kontekstis Euroopa Komisjoni standardimisettepaneku alusel Euroopa standardimisorganisatsioonide koostatud ja vastu võetud 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 Standardimis- ja Akrediteerimiskeskus avaldab ametlikus väljaandes harmoneeritud standardeid ülevõtvate Eesti standardite kohta järgmist infot:

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

Info esitatakse vastavate õigusaktide kaupa.

Direktiiv 2014/53/EL

Radioseadmed

Komisjoni rakendusotsus (EL) 2023/2669 (EL Teataja 2023/L 01.12.2023)

Harmoniseeritud 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 Märkus 1
EVS-EN 50360:2017/A1:2023 Tootestandard juhtmevabade sideseadmete nõuetele vastavuse tõendamiseks, inimesele toimivate elektromagnetväljade põhipiirangud ja kokkupuute piirnormid sagedusalas 300 MHz kuni 6 GHz: Kõrva ääres hoitavad seadmed	01.12.2023		
EVS-EN 50360:2017+A1:2023 Tootestandard juhtmevabade sideseadmete nõuetele vastavuse tõendamiseks, inimesele toimivate elektromagnetväljade põhipiirangud ja kokkupuute piirnormid sagedusalas 300 MHz kuni 6 GHz: Kõrva ääres hoitavad seadmed	01.12.2023		
EVS-EN 50566:2017/A1:2023 Tootestandard juhtmevabade sideseadmete nõuetele vastavuse tõendamiseks, inimesele toimivate elektromagnetväljade põhipiirangud ja kokkupuute piirnormid sagedusalas 30 MHz kuni 6 GHz: Inimese kehaga lähedases kontaktis olevad käes hoitavad ja kehale kinnitatavad seadmed	01.12.2023		
EVS-EN 50566:2017+A1:2023 Tootestandard juhtmevabade sideseadmete nõuetele vastavuse tõendamiseks, inimesele toimivate elektromagnetväljade põhipiirangud ja kokkupuute piirnormid sagedusalas 30 MHz kuni 6 GHz: Inimese kehaga lähedases kontaktis olevad käes hoitavad ja kehale kinnitatavad seadmed	01.12.2023		

Direktiiv 2016/425
Isikukaitsevahendid

Komisjoni rakendusotsus (EL) 2023/2752 (EL Teataja 2023/L 11.12.2023)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse Märkus 1
EVS-EN 13089:2011+A3:2023 Mägironimisvarustus. Abivahendid jää jaoks. Ohutusnõuded ja katsemeetodid	11.12.2023		
EVS-EN 1384:2023 Ratsutamiskiivrid	11.12.2023		
EVS-EN 892:2012+A3:2023 Mägironimisvarustus. Dünaamilised mägironimisköied. Ohutusnõuded ja katsemeetodid	11.12.2023		
EVS-EN ISO 10819:2013/A2:2022 Mehaaniline vibratsioon ja löögid. Labakäe-käsivarre vibratsioon. Meetod kinnaste vibratsiooniülekanne mõõtmiseks ja hindamiseks peopesast	11.12.2023		
EVS-EN ISO 10819:2013+A1+A2:2022 Mehaaniline vibratsioon ja löögid. Labakäe-käsivarre vibratsioon. Meetod kinnaste vibratsiooniülekanne mõõtmiseks ja hindamiseks peopesast	11.12.2023		