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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

CEN ISO/TR 23383:2020

Textiles and textile products - Smart (Intelligent) textiles - Definitions, categorisation, applications and standardization needs (ISO/TR 23383:2020)

This document provides definitions in the field of "smart" textiles and textile products as well as a categorization of different types of smart textiles. It describes briefly the current stage of development of these products and their application potential and gives indications on preferential standardization needs.

Keel: en
Alusdokumendid: ISO/TR 23383:2020; CEN ISO/TR 23383:2020
Asendab dokumenti: CEN/TR 16298:2011

CEN ISO/TS 80004-3:2020

Nanotechnologies - Vocabulary - Part 3: Carbon nano-objects (ISO/TS 80004-3:2020)

This document defines terms related to carbon nano-objects in the field of nanotechnologies. It is intended to facilitate communication between organizations' and individuals' research, industry and other interested parties and those who interact with them. Additional terms and definitions for graphene and two-dimensional materials (2D) materials are provided in ISO/TS 80004-13. Related carbon nanoscale materials are given in Annex A.

Keel: en
Alusdokumendid: ISO/TS 80004-3:2020; CEN ISO/TS 80004-3:2020
Asendab dokumenti: CEN ISO/TS 80004-3:2014

CEN ISO/TS 80004-8:2020

Nanotechnologies - Vocabulary - Part 8: Nanomanufacturing processes (ISO/TS 80004-8:2020)

This document defines terms related to nanomanufacturing processes in the field of nanotechnologies. All the process terms in this document are relevant to nanomanufacturing, however, many of the listed processes are not exclusively relevant to the nanoscale. Terms that are not exclusive are noted within the definitions. Depending on controllable conditions, such processes can result in material features at the nanoscale or, alternatively, at larger scales. There are many other terms that name tools, components, materials, systems control methods or metrology methods associated with nanomanufacturing that are beyond the scope of this document. Terms and definitions from other parts of the ISO/TS 80004 series are reproduced in Clause 3 for context and better understanding.

Keel: en
Alusdokumendid: ISO/TS 80004-8:2020; CEN ISO/TS 80004-8:2020
Asendab dokumenti: CEN ISO/TS 80004-8:2015

EVS-EN 17343:2020

Railway applications - General terms and definitions

This document provides terms and definitions for rail networks and rail vehicles guided by track and wheels, both made of steel and/or other materials. This includes heavy rail and urban rail systems. This document is applicable as a reference for future European Standards and the revision of existing standards and represents a set of general technical terms and definitions. This document does not apply to specific applications such as: - track construction and maintenance machines not travelling on rails; - road-rail machines when not travelling on rails; - magnetic levitation transport networks and vehicles; - guided busways and guided busses; - non-public rail networks and vehicles, e.g. mine rail systems; - rail networks and vehicles exclusively for leisure, historical and tourist purposes, e.g. mountain-, field-, park-, cable rail systems, funiculars and theme park rides; - trolley busses. Not in the scope are terms and definitions related to: - control command and signalling, - operation, - geographical aspects.

Keel: en
Alusdokumendid: EN 17343:2020

EVS-EN ISO 21637:2020

Solid recovered fuels - Vocabulary (ISO 21637:2020)

This International Standard defines terms and definitions concerned in all standardisation work within the scope of ISO/TC 300, i.e. terms used in the field of production and trade of solid recovered fuels that are prepared from non-hazardous waste. NOTE Solid biofuels are covered by the scope of ISO/TC 238. Definitions in other standards with a scope different from the scope of this International Standard can be different from the definitions in this International Standard.

Keel: en
Alusdokumendid: ISO 21637:2020; EN ISO 21637:2020
Asendab dokumenti: EVS-EN 15357:2011

07 LOODUS- JA RAKENDUSTEADUSED

CEN ISO/TS 80004-3:2020

Nanotechnologies - Vocabulary - Part 3: Carbon nano-objects (ISO/TS 80004-3:2020)

This document defines terms related to carbon nano-objects in the field of nanotechnologies. It is intended to facilitate communication between organizations' and individuals' research, industry and other interested parties and those who interact with them. Additional terms and definitions for graphene and two-dimensional materials (2D) materials are provided in ISO/TS 80004-13. Related carbon nanoscale materials are given in Annex A.

Keel: en
Alusdokumendid: ISO/TS 80004-3:2020; CEN ISO/TS 80004-3:2020
Asendab dokumenti: CEN ISO/TS 80004-3:2014

CEN ISO/TS 80004-8:2020

Nanotechnologies - Vocabulary - Part 8: Nanomanufacturing processes (ISO/TS 80004-8:2020)

This document defines terms related to nanomanufacturing processes in the field of nanotechnologies. All the process terms in this document are relevant to nanomanufacturing, however, many of the listed processes are not exclusively relevant to the nanoscale. Terms that are not exclusive are noted within the definitions. Depending on controllable conditions, such processes can result in material features at the nanoscale or, alternatively, at larger scales. There are many other terms that name tools, components, materials, systems control methods or metrology methods associated with nanomanufacturing that are beyond the scope of this document. Terms and definitions from other parts of the ISO/TS 80004 series are reproduced in Clause 3 for context and better understanding.

Keel: en
Alusdokumendid: ISO/TS 80004-8:2020; CEN ISO/TS 80004-8:2020
Asendab dokumenti: CEN ISO/TS 80004-8:2015

11 TERVISEHOOLDUS

EVS-EN ISO 10993-1:2020

Meditsiiniseadmete bioloogiline hindamine. Osa 1: Hindamine ja katsetamine riskihaldusprotsessis
Biological evaluation of medical devices - Part 1: Evaluation and testing within a risk management process (ISO 10993-1:2018, including corrected version 2018-11)

See dokument määratleb — riskihaldusprotsessis rakendatavad meditsiiniseadmete bioloogilise hindamise üldpõhimõtted; — meditsiiniseadmete üldise jaotuse kategooriatesse, lähtudes nende kehakontakti iseloomust ja kestusest; — olemasolevate, kõigist allikatest pärit asjakohaste andmete hindamise; — olemasolevates andmestutes olevate lünkade kindlakstegemise riskianalüüsi põhjal; — selliste lisaandmestute kindlakstegemise, mis on vajalikud meditsiiniseadme bioloogilise ohutuse kindlakstegemiseks; — meditsiiniseadme bioloogilise ohutuse läbikaalumise. See dokument rakendub selliste materjalide ja meditsiiniseadmete hindamisele, mille puhul eeldatakse, et nad satuvad otseselt või kaudselt kontakti — patsiendi kehaga sihtotstarbelise kasutuse käigus; — kasutaja kehaga, kui meditsiiniseade on ette nähtud toimima kui kaitsevahend (nt kirurgilised kindad, maskid jm). See dokument on rakendatav kõigi meditsiiniseadmete (sealhulgas aktiivsete, mitteaktiivsete, implanteeritavate ja mitteimplanteeritavate meditsiiniseadmete) bioloogiliseks hindamiseks. See dokument annab ka suunised bioloogiliste ohtude läbikaalumiseks, mis tekivad — riskidest, nagu näiteks sellistest, mis tekivad meditsiiniseadme puhul aja jooksul ja mis on osaks üldise bioohutuse kaalutlemisel; — meditsiiniseadme või selle osa purunemisest, mis viib kehakoe kontakti uute või uudsete materjalidega. Standardisarja ISO 10993 teised osad katavad bioloogilise kaalutlemise spetsiifilisi aspekte ja nendega seotud teste. Seadmekohased või tootestandardid käsitlevad mehaanilisi teste. See dokument ei käsitle ohtusid, mis on seotud bakteritega, hallitus- ja pärmseentega, viirustega, transmissiivsete spongioossete entsefalopaatiate (TSE-de) biotoimeainetega ja muude patogeenidega.

Keel: en, et
Alusdokumendid: ISO 10993-1:2018; EN ISO 10993-1:2020
Asendab dokumenti: EVS-EN ISO 10993-1:2009/AC:2010
Asendab dokumenti: EVS-EN ISO 10993-1:2011

EVS-EN ISO 15841:2014/A1:2020

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

Amendment to EN ISO 15841:2014

Keel: en
Alusdokumendid: ISO 15841:2014/Amd 1:2020; EN ISO 15841:2014/A1:2020
Muudab dokumenti: EVS-EN ISO 15841:2014

EVS-EN ISO 22442-1:2020

Meditsiiniseadmed, mis on valmistatud kasutades loomseid kudesid ja nende derivaate. Osa 1: Riskihalduse rakendamine
Medical devices utilizing animal tissues and their derivatives - Part 1: Application of risk management (ISO 22442-1:2020)

This document applies to medical devices other than in vitro diagnostic medical devices manufactured utilizing materials of animal origin, which are non-viable or have been rendered non-viable. It specifies, in conjunction with ISO 14971, a procedure to identify the hazards and hazardous situations associated with such devices, to estimate and evaluate the resulting risks, to control these risks, and to monitor the effectiveness of that control. Furthermore, it outlines the decision process for the residual risk acceptability, taking into account the balance of residual risk, as defined in ISO 14971, and expected medical benefit as compared to available alternatives. This document is intended to provide requirements and guidance on risk management related to the hazards typical of medical devices manufactured utilizing animal tissues or derivatives such as: a) contamination by bacteria, moulds or yeasts; b) contamination by viruses; c) contamination by agents causing transmissible spongiform encephalopathies (TSE); d) material responsible for undesired pyrogenic, immunological or toxicological reactions. For parasites and other unclassified pathogenic entities, similar principles can apply. This document does not stipulate levels of acceptability which, because they are determined by a multiplicity of factors, cannot be set down in such an international standard except for some particular derivatives mentioned in Annex C. Annex C stipulates levels of TSE risk acceptability for tallow derivatives, animal charcoal, milk and milk derivatives, wool derivatives and amino acids. This document does not specify a quality management system for the control of all stages of production of medical devices. This document does not cover the utilization of human tissues in medical devices. NOTE 1 It is not a requirement of this document to have a full quality management system during manufacture. However, attention is drawn to international standards for quality management systems (see ISO 13485) that control all stages of production or reprocessing of medical devices. NOTE 2 For guidance on the application of this document, see Annex A.

Keel: en
Alusdokumendid: ISO 22442-1:2020; EN ISO 22442-1:2020
Asendab dokumenti: EVS-EN ISO 22442-1:2015

EVS-EN ISO 22442-2:2020

Meditsiiniseadmed, mis on valmistatud kasutades loomseid kudesid ja nende derivaate. Osa 2: Hankimise, kogumise ja käitlemise ohje
Medical devices utilizing animal tissues and their derivatives - Part 2: Controls on sourcing, collection and handling (ISO 22442-2:2020)

This document specifies requirements for controls on the sourcing, collection, and handling (which includes storage and transport) of animals and tissues for the manufacture of medical devices utilizing materials of animal origin other than in vitro diagnostic medical devices. It applies where required by the risk management process as described in ISO 22442-1. NOTE Selective sourcing is especially important for transmissible spongiform encephalopathy (TSE) risk management, i.e. when utilising animal tissue and/or their derivative originating from bovine, ovine and caprine species, deer, elk, mink or cats. This document does not cover the utilization of human tissues in medical devices. This document does not specify a quality management system for the control of all stages of production of medical devices.

Keel: en
Alusdokumendid: ISO 22442-2:2020; EN ISO 22442-2:2020
Asendab dokumenti: EVS-EN ISO 22442-2:2015

EVS-ISO 15190:2020

Meditsiinilaborid. Ohutusnõuded
Medical laboratories - Requirements for safety (ISO 15190:2020, identical)

See dokument määratleb ohutu töötamise praktikate nõuded meditsiinilaboris (edaspidi: labor).

Keel: en, et
Alusdokumendid: ISO 15190:2020
Asendab dokumenti: EVS-ISO 15190:2007

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TS 16800:2020

Guideline for the validation of physico-chemical analytical methods

This document describes an approach for the validation of physico-chemical analytical methods for environmental solid matrices and water. The guidance in this document addresses the initial description of the method and two different validation approaches, in increasing order of complexity. These are: a) method development, if the method is developed by the laboratory, or conditions of adoption, if the method is a standardized protocol adopted by the laboratory; b) validation at the level of single laboratories (within-laboratory validation); c) method validation at the level of several laboratories (between-laboratory or inter-laboratory validation), with a focus on methods that are sufficiently mature and robust to be applied not only by a few expert laboratories but by laboratories operating at the routine level. The concept is strictly hierarchical, i.e. a method shall fulfil all criteria of within-laboratory validation before it can enter the validation protocol of the between-laboratory. This document is applicable to the validation of a broad range of quantitative physico-chemical test methods for the analysis of water (including drinking water, surface water, groundwater, waste water, marine water), and of solid environmental matrices, such as soil, sludge, liquid and solid waste, sediment and biota. It is intended for standardized protocols adopted by a laboratory, and either for test methods aiming at substances that have recently become of interest or for test methods applying recently developed technologies. The minimal requirements that are indispensable for the characterization of the fitness for the intended purpose of an analytical method are: selectivity, precision, trueness, performances characteristics and measurement uncertainty. The aim of validation is to prove that these requirements are met. In this document after the definitions (Clause 3) and description of the principles (Clause 4) a toolbox is given describing the relevant performance characteristics in the validation process. Clause 7 and 8 focus on the within laboratory validation process (V1) and Clause 9 on the interlaboratory validation process (V2). Clause 7 and 8 describe largely the same processes, but differ in approach for establishing the LOQ. Reporting of the results of the validation studies is addressed in Clause 10.

Keel: en
Alusdokumendid: CEN/TS 16800:2020
Asendab dokumenti: CEN/TS 16800:2015

CEN/TS 17458:2020

Ambient air - Methodology to assess the performance of receptor oriented source apportionment modelling applications for particulate matter

The European Directive on ambient air quality and cleaner air for Europe (2008/50/EC; AQD) identifies different uses for modelling: Assessment, planning, forecast and source apportionment (SA). This document addresses source apportionment modelling and specifies performance tests to check whether given criteria for receptor oriented source apportionment models (RM) are met. The scope of the tests set out in this document is the performance assessment of SA of particulate matter using RM in the context of the European Directives 2004/107/EC and AQD, including the Commission Implementing Decision 2011/850/EU of 12 December 2011. The application of RM does not quantify the spatial origin of particulate matter; hence, this document does not test spatial SA. This document addresses RM users: practitioners of individual source apportionment studies as well as participants and organizers of source apportionment intercomparison studies. This document is suitable for the evaluation of results of a specific SA modelling system with respect to reference values (a priori known or calculated on the basis of intercomparison participants' values) in the following application areas: - Assessment of performance and uncertainties of a modelling system or modelling system set up using the indicators laid down in this document. - Testing and comparing different source apportionment outputs in a specific situation (applying an evaluation data set) using the indicators laid down in this document. - QA/QC tests every time practitioners run a modelling system. It should be noted for clarity that the procedures and calculations presented in this document cannot be used to check the performance of a specific SA modelling result without having any a priori reference information about the contributions of sources/source categories. NOTE The application of this document implies that the intercomparison is organized and coordinated by an institution with the necessary technical capabilities and independence; the definition of which is beyond the scope of this document. The principles of RM are summarized in Annex A. An overview of uncertainty sources and recommendations about steps to follow in SA studies are provided in Annex B and Annex C. For further information about SA methodologies, refer to e.g. [1; 2; 3]. There are methodologies different from RM which are widely used to accomplish SA, e.g. source oriented models. These other methodologies cover aspects of SA which are required in the AQD and are not addressed by RM (e.g. allocation of pollutants to geographic emission areas). Performance assessment of such methodologies is out of the scope of this document.

Keel: en
Alusdokumendid: CEN/TS 17458:2020

EVS-EN 15188:2020

Determination of the spontaneous ignition behaviour of dust accumulations

This European Standard specifies analysis and evaluation procedures for determining self-ignition temperatures (TSI) of combustible dusts or granular materials as a function of volume by hot storage experiments in ovens of constant temperature. The specified test method is applicable to any solid material for which the linear correlation of lg (V/A) versus the reciprocal self-ignition temperature 1/TSI (with TSI in K) holds (i.e. not limited to only oxidatively unstable materials). This European Standard is not applicable to the ignition of dust layers or bulk solids under aerated conditions (e.g. as in fluid bed dryer). This European Standard shall not be applied to dusts like recognised explosives that do not require atmospheric oxygen for combustion, nor to pyrophoric materials. NOTE Because of regulatory and safety reasons "recognised explosives" are not in the scope of this European Standard. In spite of that, substances which undergo thermal decomposition reactions and which are not "recognised explosives" but behave very similarly to self-ignition processes when they decompose are in the scope. If there are any doubts as to whether the dust is an explosive or not, experts should be consulted.

Keel: en
Alusdokumendid: EN 15188:2020
Asendab dokumenti: EVS-EN 15188:2007

EVS-EN 17289-1:2020

Characterization of bulk materials - Determination of a size-weighted fine fraction and crystalline silica content - Part 1: General information and choice of test methods

This document specifies the requirements and choice of test method for the determination of the size-weighted fine fraction (SWFF) and the size-weighted fine fraction of crystalline silica (SWFFCS) in bulk materials. This document gives also guidance on the preparation of the sample and determination of crystalline silica by X-ray Powder Diffractometry (XRD) and Fourier Transform Infrared Spectroscopy (FT-IR). NOTE EN 17289-2 specifies a method to calculate the size-weighted fine fraction from a measured particle size distribution and assumes that the particle size distribution of the crystalline silica particles is the same as the other particles present in the bulk material. EN 17289-3 specifies a method using a liquid sedimentation technique to determine the size-weighted fine fraction of crystalline silica. Both methods are based upon a number of limitations and assumptions, which are listed in EN 17289-2 and EN 17289-3, respectively. The method in EN 17289-3 can also be used for other constituents than CS, if investigated and validated. This document is applicable for crystalline silica containing bulk materials which have been fully investigated and validated for the evaluation of the size-weighted fine fraction and crystalline silica.

Keel: en
Alusdokumendid: EN 17289-1:2020

EVS-EN 17289-2:2020

Characterization of bulk materials - Determination of a size-weighted fine fraction and crystalline silica content - Part 2: Calculation method

This document specifies the determination of the size-weighted fine fraction (SWFF) and the size-weighted fine fraction of crystalline silica (SWFFCS) in bulk materials by calculation. The document also specifies the assumptions and preconditions to be fulfilled for this method to be valid. The purpose of this document is to allow users to evaluate bulk materials regarding their size-weighted fine fraction and crystalline silica content. NOTE For preparation of the sample and determination of crystalline silica by X-ray Powder Diffractometry (XRD) or Fourier Transform Infrared Spectroscopy (FT-IR), see EN 17289-1. The calculation method is applicable only after experiments have shown that the results are accurate and consistently equal or higher than the results from sedimentation, as specified in EN 17289 3, for that particular bulk material. A specific method for the evaluation of the SWFF for diatomaceous earth bulk materials is given in Annex A. Due to the internal porosity of diatomaceous earth, the general instructions given in this document are adapted in order to take into account the material's effective density. This document is applicable for crystalline silica containing bulk materials which have been fully investigated and validated for the evaluation of the size-weighted fine fraction and crystalline silica.

Keel: en
Alusdokumendid: EN 17289-2:2020

EVS-EN 17289-3:2020

Characterization of bulk materials - Determination of a size-weighted fine fraction and crystalline silica content - Part 3: Sedimentation method

This document specifies the determination of the size-weighted fine fraction (SWFF) and the size-weighted fine fraction of crystalline silica (SWFFCS) in bulk materials by means of a sedimentation method using a liquid sedimentation technique. The purpose of this document is to allow users to evaluate bulk materials with regard to their size-weighted fine fraction and crystalline silica content. NOTE For preparation of the sample and determination of crystalline silica by X-ray Powder Diffractometry (XRD) or Fourier Transform Infrared Spectroscopy (FT-IR) see EN 17289-1. Specific methods for the evaluation of SWFF for specific bulk materials are specified in several annexes. This document is applicable for crystalline silica containing bulk materials which have been fully investigated and validated for the evaluation of the size-weighted fine fraction and crystalline silica.

Keel: en
Alusdokumendid: EN 17289-3:2020

EVS-EN ISO 16122-5:2020

Põllumajandus- ja metsatöömasinad. Kasutuses olevate pritside ülevaatus. Osa 5: Õhust pritsimise süsteemid
Agricultural and forestry machines - Inspection of sprayers in use - Part 5: Aerial spray systems (ISO 16122-5:2020)

This document specifies the requirements, test methods and verification of the inspection 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. This document applies only to manned aerial aircraft. It does not cover aircraft safety and design criteria for air worthiness, aircraft registration, pilot or operator requirements, all of which are specified separately by countries or regions. This document relates mainly to the condition of the equipment with respect to its potential risk for the environment and its performance to achieve good applications. The general requirements of ISO 16122-1 apply where appropriate, including for the protection of inspectors during an inspection.

Keel: en
Alusdokumendid: ISO 16122-5:2020; EN ISO 16122-5:2020

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 4861:2020

Aerospace series - Metrological assessment procedure for kinematic fields measured by digital image correlation

This document specifies the monitoring of mechanical tests and inspections performed both at the material (coupon) and at the structural scale by the implementation of kinematic field measurements by digital image correlation. This document describes an in situ method for evaluating the metrological performance of an extensometer system using image correlation for the delivery of displacement fields, and by extrapolation, of deformation fields. It can be implemented prior to the actual start of the test (or inspection). It will inform of the metrological performance in testing conditions. This document allows the metrological performance of the measuring technology to be quantified. The methodology described herein is not to be considered as a calibration step. This reference document does not exhaustively specify the constitutive elements of a generic system of Digital Image Correlation measurement. This reference does not address the measurement of 3D shapes via stereocorrelation systems.

Keel: en
Alusdokumendid: EN 4861:2020

EVS-EN IEC 60704-2-1:2020

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-1: Particular requirements for dry vacuum cleaners

IEC 60704-2-1:2020 is applicable for the determination of airborne acoustical noise of mains operated and cordless dry vacuum cleaners for household use or under conditions similar to those in households. This part of IEC 60704 does not apply to vacuum cleaners for industrial or professional purposes. This edition includes the following significant technical changes with respect to the previous edition: a) product scope is extended to cordless and similar vacuum cleaners; b) definitions of "cleaning head",

"active nozzle" and "standard Wilton test carpet" have been added; c) specification of standard Wilton test carpet has been removed; reference is made to IEC/TS 62885-1; d) specific requirements on equipping and pre-conditioning have been added; e) topic ageing of test carpet is addressed. This Part 2-1 supplements or modifies the corresponding clauses in IEC 60704-1:2010.

Keel: en
Alusdokumendid: EN IEC 60704-2-1:2020; IEC 60704-2-1:2020
Asendab dokumenti: EVS-EN 60704-2-1:2015

EVS-EN ISO 2922:2020

Acoustics - Measurement of airborne sound emitted by vessels on inland waterways and harbours (ISO 2922:2020)

This document specifies the conditions for obtaining reproducible and comparable measurement results of the airborne sound emitted by vessels of all kinds, on inland waterways and in ports and harbours, except powered recreational craft as specified in the ISO 14509 series. This document is applicable to sea-going vessels, harbour vessels, dredgers, and all watercraft, including non-displacement craft, used or capable of being used as a means of transport on water. There are no limitations to the application of this document with regard to speed, length and height of vessels, as long as the ship is determined to act like a point source at the reference distance of 25 m. All noise data obtained in accordance with this document are referred to a reference distance of 25 m.

Keel: en
Alusdokumendid: ISO 2922:2020; EN ISO 2922:2020
Asendab dokumenti: EVS-EN ISO 2922:2001
Asendab dokumenti: EVS-EN ISO 2922:2001/A1:2013

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 12493:2020

LPG equipment and accessories - Welded steel pressure vessels for LPG road tankers - Design and manufacture

This document specifies minimum requirements for materials, design, construction and workmanship procedures, and tests for welded LPG road tanker pressure vessels and their welded attachments manufactured from carbon, carbon/manganese and micro alloy steels. There is no upper size limit as this is determined by the gross vehicle weight limitation. This document does not cover pressure vessels for pressure vessel containers. NOTE 1 In the context of this document, the term "road tanker" is understood to mean "fixed tanks" and "demountable tanks" as defined in ADR. NOTE 2 The equipment for the pressure vessels and the inspection and testing after assembly is covered by EN 12252 and EN 14334, respectively. NOTE 3 The design type of the road tanker is subject to approval by the competent authority, as required by ADR. NOTE 4 This document is intended for LPG only; however, for other liquefied gases see EN 14025.

Keel: en
Alusdokumendid: EN 12493:2020
Asendab dokumenti: EVS-EN 12493:2013+A2:2018

EVS-EN 13953:2020

LPG equipment and accessories - Pressure relief valves for transportable refillable cylinders for Liquefied Petroleum Gas (LPG)

This document specifies the design, testing and marking requirements for spring loaded pressure relief valves (PRV), for use in liquefied petroleum gas (LPG) cylinders of water capacity of 0,5 l up to and including 150 l. These PRVs can be either an integral part of a cylinder valve (see EN ISO 14245 [4] and EN ISO 15995 [5]) or a separate device.

Keel: en
Alusdokumendid: EN 13953:2020
Asendab dokumenti: EVS-EN 13953:2015

EVS-EN ISO 15875-2:2004/A2:2020

Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 2: Pipes - Amendment 2 (ISO 15875-2:2003/Amd 2:2020)

Amendment to EN ISO 15875-2:2003

Keel: en
Alusdokumendid: ISO 15875-2:2003/Amd 2:2020; EN ISO 15875-2:2003/A2:2020
Muudab dokumenti: EVS-EN ISO 15875-2:2004

EVS-EN ISO 15875-3:2004/A1:2020

Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 3: Fittings - Amendment 1 (ISO 15875-3:2003/Amd 1:2020)

Amendment to EN ISO 15875-3:2003

Keel: en
Alusdokumendid: ISO 15875-3:2003/Amd 1:2020; EN ISO 15875-3:2003/A1:2020
Muudab dokumenti: EVS-EN ISO 15875-3:2004

EVS-EN ISO 15875-5:2004/A1:2020

Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 5: Fitness for purpose of the system - Amendment 1 (ISO 15875-5:2003/Amd 1:2020)

Amendment to EN ISO 15875-5:2003

Keel: en
Alusdokumendid: ISO 15875-5:2003/Amd 1:2020; EN ISO 15875-5:2003/A1:2020
Muudab dokumenti: EVS-EN ISO 15875-5:2004

EVS-EN ISO 15876-2:2017/A1:2020

Plastics piping systems for hot and cold water installations - Polybutene (PB) - Part 2: Pipes - Amendment 1 (ISO 15876-2:2017/Amd 1:2020)

Amendment to EN ISO 15876-2:2017

Keel: en
Alusdokumendid: ISO 15876-2:2017/Amd 1:2020; EN ISO 15876-2:2017/A1:2020
Muudab dokumenti: EVS-EN ISO 15876-2:2017

EVS-EN ISO 15876-3:2017/A1:2020

Plastics piping systems for hot and cold water installations - Polybutene (PB) - Part 3: Fittings - Amendment 1 (ISO 15876-3:2017/Amd 1:2020)

Amendment to EN ISO 15876-3:2017

Keel: en
Alusdokumendid: ISO 15876-3:2017/Amd 1:2020; EN ISO 15876-3:2017/A1:2020
Muudab dokumenti: EVS-EN ISO 15876-3:2017

EVS-EN ISO 15876-5:2017/A1:2020

Plastics piping systems for hot and cold water installations - Polybutene (PB) - Part 5: Fitness for purpose of the system - Amendment 1 (ISO 15876-5:2017/Amd 1:2020)

Amendment to EN ISO 15876-5:2017

Keel: en
Alusdokumendid: ISO 15876-5:2017/Amd 1:2020; EN ISO 15876-5:2017/A1:2020
Muudab dokumenti: EVS-EN ISO 15876-5:2017

EVS-EN ISO 15877-2:2009/A2:2020

Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 2: Pipes - Amendment 2 (ISO 15877-2:2009/Amd 2:2020)

Amendment to EN ISO 15877-2:2009

Keel: en
Alusdokumendid: ISO 15877-2:2009/Amd 2:2020; EN ISO 15877-2:2009/A2:2020
Muudab dokumenti: EVS-EN ISO 15877-2:2009

EVS-EN ISO 15877-5:2009/A2:2020

Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 5: Fitness for purpose of the system - Amendment 2 (ISO 15877-5:2009/Amd 2:2020)

Amendment to EN ISO 15877-5:2009

Keel: en
Alusdokumendid: ISO 15877-5:2009/Amd 2:2020; EN ISO 15877-5:2009/A2:2020
Muudab dokumenti: EVS-EN ISO 15877-5:2009

EVS-EN ISO 20475:2020

Gas cylinders - Cylinder bundles - Periodic inspection and testing (ISO 20475:2018)

ISO 20475:2018 specifies the requirements for the periodic inspection and testing of cylinder bundles containing compressed, liquefied and dissolved gas. NOTE Additional requirements for acetylene cylinder bundles are provided in Annex A. ISO 20475:2018 also establishes general principles for the maintenance of cylinder bundles. ISO 20475:2018 is not applicable to acetylene bundles with solvent-free acetylene cylinders. ISO 20475:2018 excludes the requirements for cylinder bundles when they are a part of a battery vehicle. For some specific applications, e.g. offshore, additional requirements can apply.

Keel: en
Alusdokumendid: ISO 20475:2018; EN ISO 20475:2020

EVS-EN ISO 22391-2:2010/A1:2020

Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 2: Pipes - Amendment 1 (ISO 22391-2:2009/Amd 1:2020)

Amendment to EN ISO 22391-2:2009

Keel: en
Alusdokumendid: ISO 22391-2:2009/Amd 1:2020; EN ISO 22391-2:2009/A1:2020
Muudab dokumenti: EVS-EN ISO 22391-2:2010

EVS-EN ISO 22391-3:2010/A1:2020

Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 3: Fittings - Amendment 1 (ISO 22391-3:2009/Amd 1:2020)

Amendment to EN ISO 22391-3:2009

Keel: en
Alusdokumendid: ISO 22391-3:2009/Amd 1:2020; EN ISO 22391-3:2009/A1:2020
Muudab dokumenti: EVS-EN ISO 22391-3:2010

EVS-EN ISO 22391-5:2010/A1:2020

Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 5: Fitness for purpose of the system - Amendment 1 (ISO 22391-5:2009/Amd 1:2020)

Amendment to EN ISO 22391-5:2009

Keel: en
Alusdokumendid: ISO 22391-5:2009/Amd 1:2020; EN ISO 22391-5:2009/A1:2020
Muudab dokumenti: EVS-EN ISO 22391-5:2010

EVS-EN ISO 23088:2020

Gas cylinders - Periodic inspection and testing of welded steel pressure drums - Capacities up to 1 000 l (ISO 23088:2020)

This document specifies the requirements for periodic inspection and testing of welded steel transportable pressure drums of water capacity from 150 l up to 1 000 l and up to 300 bar test pressure intended for compressed and liquefied gases.

Keel: en
Alusdokumendid: ISO 23088:2020; EN ISO 23088:2020

EVS-EN ISO 27509:2020

Petroleum and natural gas industries - Compact flanged connections with IX seal ring (ISO 27509:2020)

This document specifies detailed manufacturing requirements for circular steel and nickel alloy compact flanged connections and associated seal rings, for designated pressures and temperatures in class designations CL 150 (PN 20) to CL 1500 (PN 260) for nominal sizes from DN 15 (NPS ½) to DN 1200 (NPS 48), and for CL 2500 (PN 420) for nominal sizes from DN 15 (NPS ½) to DN 600 (NPS 24). NOTE NPS is expressed in accordance with ASME B36.10M and ASME B36.19M. This document is applicable to welding neck flanges, blind flanges, paddle spacers and spacer blinds (paddle blanks), valve/equipment integral flanges, orifice spacers, reducing threaded flanges and rigid interfaces for use in process piping for the petroleum, petrochemical and natural gas industries. This document is applicable within a temperature range from −196 °C to +250 °C. This document is not applicable for external pressure.

Keel: en
Alusdokumendid: ISO 27509:2020; EN ISO 27509:2020
Asendab dokumenti: EVS-EN ISO 27509:2012
Asendab dokumenti: EVS-EN ISO 27509:2012/AC:2013

EVS-EN ISO 7866:2012/A1:2020

Gas cylinders - Refillable seamless aluminium alloy gas cylinders - Design, construction and testing - Amendment 1 (ISO 7866:2012/Amd 1:2020)

Amendment to EN ISO 7866:2012

Keel: en
Alusdokumendid: ISO 7866:2012/Amd 1:2020; EN ISO 7866:2012/A1:2020
Muudab dokumenti: EVS-EN ISO 7866:2012

25 TOOTMISTEHNOLOOGIA

EVS-EN 50632-2-6:2015/A2:2020

Electric motor-operated tools - Dust measurement procedure - Part 2-6: Particular requirements for hammers

This European Standard specifies general requirements for the dust measurement of electric motor-operated tools supplied from mains or from batteries. This European Standard applies to those tools with and without dust extraction unit where dust such as mineral dust containing silica or wood dust is expected. This part of EN 50632 applies to hammers.

Keel: en
Alusdokumendid: EN 50632-2-6:2015/A2:2020
Muudab dokumenti: EVS-EN 50632-2-6:2015

EVS-EN ISO 8501-4:2020

Preparation of steel substrates before application of paints and related products - Visual assessment of surface cleanliness - Part 4: Initial surface conditions, preparation grades and flash rust grades in connection with water jetting (ISO 8501-4:2020)

This document specifies a series of preparation grades for steel surfaces after removal/partial removal of water-soluble contaminants, rust, previous paint coatings and other foreign matter by high-pressure water jetting. The various grades are defined by written descriptions together with photographs that are representative examples within the tolerances for each grade as described in words. This document specifies both initial surface conditions and after-cleaning flash rust grades, also defined by written descriptions together with representative photographic examples. This document applies the cleanliness of the surface to its visual appearance. Consideration in addition to visual appearance is given to invisible contaminants and roughness or profile. Physical and chemical methods for testing for soluble salts and other invisible contaminants on the visually clean surface are found in the ISO 8502 series. The roughness or profile characteristics of the surface are found in the ISO 8503 series.

Keel: en
Alusdokumendid: EN ISO 8501-4:2020; ISO 8501-4:2020
Asendab dokumenti: EVS-EN ISO 8501-4:2008

29 ELEKTROTEHNIKA

CLC IEC/TS 60079-39:2019/AC:2020

Explosive atmospheres - Part 39: Intrinsically safe systems with electronically controlled spark duration limitation

Corrigendum to CLC IEC/TS 60079-39:2019

Keel: en
Alusdokumendid: IEC/TS 60079-39:2015/COR1:2020; CLC IEC/TS 60079-39:2019/AC:2020-12
Parandab dokumenti: CLC IEC/TS 60079-39:2019

EVS-EN 60034-18-41:2014/A1:2019/AC:2020

Rotating electrical machines - Part 18-41: Partial discharge free electrical insulation systems (Type I) used in electrical rotating machines fed from voltage converters - Qualification and quality control tests

Corrigendum to EN 60034-18-41:2014/A1:2019

Keel: en
Alusdokumendid: IEC 60034-18-41:2014/A1:2019/COR1:2020; EN 60034-18-41:2014/A1:2019/AC:2020-12
Parandab dokumenti: EVS-EN 60034-18-41:2014/A1:2019

EVS-EN IEC 61810-4:2020

Electromechanical elementary relays - Part 4: General and safety requirements for reed relays

IEC 61810-4:2020 applies to electromechanical elementary relays with reed switches (reed contacts) incorporated into general control circuits. It defines the basic functional and safety requirements in all areas of electrical engineering or electronics in accordance with the parts of IEC 61810 series and IEC 62246 series. IEC 61810-4:2020 defines technical deviations/additions to IEC 61810-1. It specifies type tests, routine tests, special tests and environmental tests to confirm the service conditions for applications.

Keel: en
Alusdokumendid: EN IEC 61810-4:2020; IEC 61810-4:2020

EVS-HD 60364-7-706:2007/A1:2020

Low-voltage electrical installations - Part 7-706: Requirements for special installations or locations - Conducting locations with restricted movement

Standardisarja HD 60364 käesoleva osa erinõuded käivad kohtkindlate seadmete kohta juhtivates paikades, milles inimeste liikumisvõimalused on piiratud, ja nendes paikades kasutatavate kantavate seadmete elektritoite kohta. Käesolevad erinõuded

ei kehti paikade kohta, milles inimene saab vabalt töötada, millesse saab vabalt siseneda ja millest saab vabalt väljuda juhtivate osadega kokkupuutesse sattumata.

Keel: en
Alusdokumendid: HD 60364-7-706:2007/A1:2020; IEC 60364-7-706:2005/A1:2019
Muudab dokumenti: EVS-HD 60364-7-706:2007

31 ELEKTROONIKA

EVS-EN IEC 60384-13:2020

Fixed capacitors for use in electronic equipment - Part 13: Sectional specification - Fixed polypropylene film dielectric metal foil DC capacitors

IEC 60384-13:2020 specifies preferred ratings and characteristics, selects from IEC 60384-1:2016 the appropriate quality assessment procedures, tests and measuring methods, and gives general performance requirements for this type of capacitor. Test severities and requirements specified in detail specifications referring to this sectional specification are of an equal or higher performance level. Lower performance levels are not permitted. This part of IEC 60384 applies to fixed direct current capacitors, using as dielectric a polypropylene film with electrodes of thin metal foils. The capacitors covered by this document are intended for use in electronic equipment. Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14. This edition includes the following significant technical changes with respect to the previous edition: a) revision of all parts of the document based on the ISO/IEC Directives, Part 2:2018, and harmonization with other similar kinds of documents; b) the document structure has been organized to follow new sectional specification structure decided in TC 40; c) revised tables and Clause 5 so as to prevent duplications and contradictions.

Keel: en
Alusdokumendid: EN IEC 60384-13:2020; IEC 60384-13:2020
Asendab dokumenti: EVS-EN 60384-13:2012

EVS-EN IEC 60384-16:2019/AC:2020

Fixed capacitors for use in electronic equipment - Part 16: Sectional specification - Fixed metallized polypropylene film dielectric DC capacitors

Corrigendum to EN IEC 60384-16:2019

Keel: en
Alusdokumendid: IEC 60384-16:2019/COR1:2020; EN IEC 60384-16:2019/AC:2020-12
Parandab dokumenti: EVS-EN IEC 60384-16:2019

33 SIDETEHNIKA

EVS-EN 301 925 V1.6.1:2020

Radiotelephone transmitters and receivers for the maritime mobile service operating in VHF bands; Technical characteristics and methods of measurement

The present document specifies the minimum requirements for shipborne radio transmitters and receivers for fixed installations operating in the VHF frequency bands between 156 MHz and 174 MHz used by the maritime mobile service, using both 25 kHz and 12,5 kHz channels and capable of Radiotelephony and Digital Selective Calling communications within the Global Maritime Distress and Safety System. The present document incorporates the requirements of the relevant resolutions of the International Maritime Organization (IMO) and is primarily intended to specify equipment suitable for fitting to ships subject to the SOLAS Convention and complying with the Council Directive 2014/90/EU of 23 July 2014 on marine equipment (the European Marine Equipment Directive). The present document does not address the testing of ancillary equipment on a stand-alone basis, i.e. separately from the radio equipment with which it is to be used.

Keel: en
Alusdokumendid: ETSI EN 301 925 V1.6.1

EVS-EN 55032:2015/A1:2020

Multimeediaseadme elektromagnetiline ühilduvus. Kiirgusnõuded
Electromagnetic compatibility of multimedia equipment - Emission requirements

Standardi EN 55032:2015 muudatus

Keel: en
Alusdokumendid: EN 55032:2015/A1:2020; CISPR 32:2015/A1:2019
Muudab dokumenti: EVS-EN 55032:2015

EVS-EN 61850-4:2011/A1:2020

Communication networks and systems for power utility automation - Part 4: System and project management

Amendment for EN 61850-4:2011

Keel: en
Alusdokumendid: EN 61850-4:2011/A1:2020; IEC 61850-4:2011/A1:2020
Muudab dokumenti: EVS-EN 61850-4:2011

EVS-EN IEC 61000-4-3:2020

Elektromagnetiline ühilduvus. Osa 4-3: Katsetus- ja mõõtetehnika. Häiringukindluskatsetus kiirgunud raadiosagedusliku elektromagnetvälja korral
Electromagnetic compatibility (EMC) - Part 4-3 : Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test

See IEC 61000 osa kohaldub elektriliste ja elektrooniliste seadmete häiringutaluvusnõuetele kiirgusliku elektromagnetilise energia suhtes. Siin on kehtestatud katsetustasemed ja nõutud katsetusprotseduurid. Käesoleva dokumendi eesmärgiks on seada sisse ühtsed aluspõhimõtted, et hinnata elektri- ja elektroonikaseadmete häiringutaluvust kui need on allutatud kiirguslikele raadiosageduslikele elektromagnetväljadele. Selles IEC 61000 osas dokumenteeritud katsetusmeetod kirjeldab terviklikku meetodit, mille abil hinnata seadmete või süsteemi häiringutaluvust raadiosageduslike elektromagnetväljade suhtes, millised pärinevad katsetatavale seadmestikule mittelähedal paiknevatest raadiosageduslikest allikatest. Katsetamise keskkond on spetsifitseeritud punktis 6. MÄRKUS 1 Vastavalt IEC juhises 107 kirjeldatule on käesolev EMÜ aluspublikatsioon IEC tootekomiteede kasutamiseks. Samuti vastavalt juhises 107 kirjeldatule, IEC tootekomiteede vastutusalas on määratleda, kas antud häiringutaluvuskatsetuste standard tuleks rakendada või mitte, ja rakendamise korral on nende vastutusalas asjakohaste katsetustasemete ja jõudluskriteeriumide määratlemine. TC 77 ja selle alamkomiteed on valmis koostööks tootekomiteedega, et hinnata konkreetsete häiringutaluvuskatsetuste väärtust nende toodetele. MÄRKUS 2 Häiringutaluvuskatstused katsetatavale seadmestikule lähedal asuva raadiosageduslike välja allikate suhtes on määratletud IEC 61000-4-39 dokumendis. Konkreetsed kaalutlused on pühendatud kaitseks digitaalsetest raadiotelefonidest ja teistest raadiosageduslikest emiteerivatest seadmetest lähtuvate raadiosageduslike emiteeritud väljade vastu. Märkus 3. Siin osas määratletud katsetusmeetodid on sellise elektromagnetkiirguse poolt põhjustatud tagajärgede hindamiseks. Elektromagnetkiirguse simulatsioon ja mõõtmine ei ole piisav tagajärgede kvantitatiivseks määratlemiseks. Siin alusdokumendis määratletavate katsetusmeetodite esmane eesmärk on sisse seada katsetus-konfiguratsiooni piisav taasesitamine ja katsetuste korratavus erinevates katsetuskohtades. Käesolev dokument on eraldiseisev katsetusmeetod. Muid katsetusmeetodeid asendavatena kasutades ei ole võimalik väita antud dokumendiga kooskõlas olemist.

Keel: en
Alusdokumendid: EN IEC 61000-4-3:2020; IEC 61000-4-3:2020
Asendab dokumenti: EVS-EN 61000-4-3:2006
Asendab dokumenti: EVS-EN 61000-4-3:2006/A1:2008
Asendab dokumenti: EVS-EN 61000-4-3:2006/A2:2010
Asendab dokumenti: EVS-EN 61000-4-3:2006/IS1:2009

35 INFOTEHNOLOOGIA

EVS-EN ISO 19115-1:2014/A2:2020

Geographic information - Metadata - Part 1: Fundamentals - Amendment 2 (ISO 19115-1:2014/Amd 2:2020)

Amendment to EN ISO 19115-1:2014

Keel: en
Alusdokumendid: ISO 19115-1:2014/Amd 2:2020; EN ISO 19115-1:2014/A2:2020
Muudab dokumenti: EVS-EN ISO 19115-1:2014

45 RAUDTEETEHNIKA

EVS-EN 17343:2020

Railway applications - General terms and definitions

This document provides terms and definitions for rail networks and rail vehicles guided by track and wheels, both made of steel and/or other materials. This includes heavy rail and urban rail systems. This document is applicable as a reference for future European Standards and the revision of existing standards and represents a set of general technical terms and definitions. This document does not apply to specific applications such as: - track construction and maintenance machines not travelling on rails; - road-rail machines when not travelling on rails; - magnetic levitation transport networks and vehicles; - guided busways and guided busses; - non-public rail networks and vehicles, e.g. mine rail systems; - rail networks and vehicles exclusively for leisure, historical and tourist purposes, e.g. mountain-, field-, park-, cable rail systems, funiculars and theme park rides; - trolley busses. Not in the scope are terms and definitions related to: - control command and signalling, - operation, - geographical aspects.

Keel: en
Alusdokumendid: EN 17343:2020

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 4861:2020

Aerospace series - Metrological assessment procedure for kinematic fields measured by digital image correlation

This document specifies the monitoring of mechanical tests and inspections performed both at the material (coupon) and at the structural scale by the implementation of kinematic field measurements by digital image correlation. This document describes an in situ method for evaluating the metrological performance of an extensometer system using image correlation for the delivery of displacement fields, and by extrapolation, of deformation fields. It can be implemented prior to the actual start of the test (or inspection). It will inform of the metrological performance in testing conditions. This document allows the metrological

performance of the measuring technology to be quantified. The methodology described herein is not to be considered as a calibration step. This reference document does not exhaustively specify the constitutive elements of a generic system of Digital Image Correlation measurement. This reference does not address the measurement of 3D shapes via stereocorrelation systems.

Keel: en
Alusdokumendid: EN 4861:2020

EVS-EN 4864:2020

Aerospace series - Environmental testing - High dynamic abrasion, mar, scratch and punch test in cabin interior

This document provides a series of standard testing methods to determine the resistance of flat or curved surfaces against abrasion, scratch or punch under high dynamics as may occur for example by manually operating actuators or due to impacts of materials like shoes, cases, bags and other common objects of everyday's usage inside an aircraft cabin. The method is also suitable to test the resistance of a surface against all other high dynamic strains.

Keel: en
Alusdokumendid: EN 4864:2020

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN 13155:2020

Kraanad. Ohutus. Kinnituseta koormuse tõstmise vahendid
Crane - Safety - Non-fixed load lifting attachments

This document specifies safety requirements for the following non-fixed load lifting attachments for cranes, hoists and manually controlled load manipulating devices: a) plate clamps; b) vacuum lifters: 1) self-priming; 2) non-self-priming (pump, venturi, turbine); c) lifting magnets: 1) electric lifting magnets (battery fed and mains-fed); 2) permanent lifting magnets; 3) electro-permanent lifting magnets; d) lifting beams; e) C-hooks; f) lifting forks; g) clamps; h) lifting insert systems for use in normal weight concrete, as defined in Clause 3. This document does not give requirements for: - non-fixed load lifting attachments in direct contact with foodstuffs or pharmaceuticals requiring a high level of cleanliness for hygiene reasons; - hazards resulting from handling specific hazardous materials (e.g. explosives, hot molten masses, radiating materials); - hazards caused by operation in an explosive atmosphere; - hazards caused by noise; - hazards relating to the lifting of persons; - electrical hazards; - hazards due to hydraulic and pneumatic components. For high risk applications not covered by this standard, EN 13001-2:2014, 4.3.2 gives guidance to deal with them. This document covers the proof of static strength, the elastic stability and the proof of fatigue strength. This document does not generally applies to attachments intended to lift above people. Some attachments are suitable for that purpose if equipped with additional safety features. In such cases the additional safety features are specified in the specific requirements. This document does not cover slings, ladles, expanding mandrels, buckets, grabs, or grab buckets. This document does not cover power operated container handling spreaders, which are in the scope of EN 15056. This document is not applicable to non-fixed load attachments manufactured before the date of its publication.

Keel: en
Alusdokumendid: EN 13155:2020
Asendab dokumenti: EVS-EN 13155:2003+A2:2009

EVS-EN 13586:2020

Kraanad. Juurdepääs
Cranes - Access

This document specifies design requirements for non-powered access installed on cranes. NOTE 1 For other type of access, a requirement for information to be supplied is specified. Slidable, retractable means of access are excluded from the scope, except movable hoop guards. This document covers means of access to control stations and all access required for maintenance, certain erection and dismantling operations. For those cranes which are intended to be erected and dismantled frequently to change their places of work, specific requirements for the access needed during these operations are not covered by this document and should be given in the appropriate European Standards for specific crane types. Lighting of means of access is not covered by this document and should be given in the appropriate European Standards for specific crane types. NOTE 2 Specific requirements for access on particular types of cranes are given in the appropriate European Standard for the particular crane type. The requirements given in this document do not take into account the safety distances related to: - guarding against hazard from moving parts; - relative movement between crane and adjacent structure or the ground/floor; - hazardous surface temperature; - electrical equipment. The significant hazards covered by this document are identified in Clause 4. This document is not applicable to cranes which are manufactured before the date of publication by CEN of this document.

Keel: en
Alusdokumendid: EN 13586:2020
Asendab dokumenti: EVS-EN 13586:2004+A1:2008

EVS-EN 1459-4:2020

Maastikusuutlikud laadurid. Ohutusnõuded ja vastavuskontroll. Osa 4: Täiendavad nõuded vabalt rippuvaid koormaid käsitsevatele teleskooplaaduritele
Rough-terrain trucks - Safety requirements and verification - Part 4: Additional requirements for variable-reach trucks handling freely suspended loads

This document specifies the safety requirements and means of verification in addition to EN 1459-1:2017+A1:2020 and EN 1459-2:2015+A1:2018 as applicable, for rough-terrain variable-reach trucks (hereafter referred to as trucks) designed and intended for handling suspended loads which can swing freely in one or more directions. It is applicable to trucks covered by EN 1459-1:2017+A1:2020 and EN 1459-2:2015+A1:2018. This document does not apply to: - the lifting of suspended loads which by design of the load or the lifting attachments does not allow the load to swing freely in any direction; - the handling of flexible intermediate bulk containers, as defined in ISO 21898:2004, carried under the forks of the truck or with attachments intended for this purpose; - any attachments / means used for lifting personnel; - lifting accessories; - freight container handling trucks; - mobile cranes (covered by EN 13000:2010+A1:2014). This document deals with all significant hazards, hazardous situations or hazardous events, related to trucks handling a freely suspended load, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex A). This document does not deal with load limiter for attachments. This document is not applicable to rough-terrain variable-reach trucks designed and intended for handling suspended loads manufactured before the date of its publication.

Keel: en
Alusdokumendid: EN 1459-4:2020

EVS-EN 1459-5:2020

Maastikusuutlikud laadurid. Ohutusnõuded ja vastavuskontroll. Osa 5: Lisaseadme liides
Rough-terrain trucks - Safety requirements and verification - Part 5: Attachment interface

This document specifies requirements for the truck side of the attachment interface of rough-terrain non-slewing and slewing variable reach trucks (hereafter referred to as "trucks") dealt with in EN 1459-1:2017+A1:2020, EN 1459-2:2015+A1:2018 and EN 1459-4:2020. This document covers the interface for the attachments fitted to the telescopic boom carriage or mounted on the forks when it is used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer. This document does not cover: - interface for interchangeable equipment designed for lifting person(s) (covered by EN 1459-3:2015); - interface for equipment for container handling (e.g. spreader); - interface for equipment permanently installed on the machine and not intended to be removed by the user. NOTE In this case, equipment becomes part of the truck. This document does not give requirements for the completed assembly of a truck fitted with an attachment. This document does not address risks to parts of the truck other than the interface with the attachment. This document is not applicable to interfaces manufactured before the date of its publication.

Keel: en
Alusdokumendid: EN 1459-5:2020

EVS-EN 15011:2020

Kraanad. Sild- ja pukk-kraanad
Cranes - Bridge and gantry cranes

This document applies to bridge and gantry cranes able to travel by wheels on rails, runways or roadway surfaces, and to gantry cranes without wheels mounted in a stationary position. NOTE Light crane systems (assembly of lifting devices, crane bridges, trolleys and tracks; wall-mounted, pillar and workshop jib cranes) are covered by EN 16851. This document specifies requirements for all significant hazards, hazardous situations and events relevant to bridge and gantry cranes when used as intended and under conditions foreseen by the manufacturer (see Clause 4). This document does not include requirements for the lifting of persons. The specific hazards due to potentially explosive atmospheres, ionising radiation and operation in electromagnetic environment beyond the scope of EN 61000-6-2 are not covered by this document. This document is applicable to bridge and gantry cranes manufactured after the date of its publication as a European standard.

Keel: en
Alusdokumendid: EN 15011:2020
Asendab dokumenti: EVS-EN 15011:2011+A1:2014

EVS-EN 16851:2017+A1:2020

Kraanad. Kergkraanasüsteemid
Cranes - Light crane systems

This document applies to: - light crane systems, either suspended or free-standing systems, where the rated capacity of any single lifting device is 4 t or less; - pillar and wall-mounted jib cranes, without an operator's cabin, whose rated capacity is 10 t or less and whose overturning load moment is 500 kNm or less. NOTE For illustration of crane types, see Annex B. This document is not applicable to cranes covered by another product specific crane standard, e.g. EN 15011:2011+A1:2014 or EN 14985:2012. This document is applicable to cranes and crane systems, whose structures are made of steel or aluminium, excluding aluminium structures containing welded joints. This document gives requirements for all significant hazards, hazardous situations and events relevant to cranes, when used as intended and under conditions foreseen by the manufacturer (see Clause 4). The specific hazards due to potentially explosive atmospheres, ionizing radiation, operation in electro-magnetic fields beyond the range of EN 61000 6 2:2016 and operation in pharmacy or food industry are not covered by this document. This document does not cover hazards related to the lifting of persons. This document is applicable to cranes, which are manufactured after the date of its publication by CEN as a European Standard. This document is not applicable to cranes manufactured before the date of its publication.

Keel: en
Alusdokumendid: EN 16851:2017+A1:2020
Asendab dokumenti: EVS-EN 16851:2017

EVS-EN 17076:2020

Tornkraanad. Kokkupõrkevastased süsteemid. Ohutusnõuded
Tower cranes - Anti-collision systems - Safety requirements

This document specifies the requirements of anti-collision devices and systems installed on tower cranes (as defined in EN 14439) to avoid the risks of collision between several cranes in service, between a crane in use and fixed obstacles, and over prohibited zones. It also specifies the requirements for working range limiting devices. Anti-collision devices and systems and working range limiting devices according to this document are safety components. It applies to anti-collision devices manufactured after the publication of this document. NOTE For anti-collision systems used to avoid the risk of collision with power lines, additional requirements might be necessary. This document defines the safety characteristics and requirements of anti-collision devices and systems intended for installation on self-erecting tower cranes and tower cranes erected from parts. In particular: - performance level; - information to be provided by the sensors installed on the crane; - operation, particularly in the event of failure, override and free jib slewing states of a crane; - type of communication between devices; - information for the crane operator and outside indicator. It also specifies the requirements for marking the device or the system and the content of the instructions for use. The significant hazards covered by this document are identified in Clause 4. This document is not applicable to anti-collision devices and systems which are manufactured before the date of publication by CEN of this document.

Keel: en
Alusdokumendid: EN 17076:2020

59 TEKSTIILI- JA NAHATEHNOLOOGIA

CEN ISO/TR 23383:2020

Textiles and textile products - Smart (Intelligent) textiles - Definitions, categorisation, applications and standardization needs (ISO/TR 23383:2020)

This document provides definitions in the field of "smart" textiles and textile products as well as a categorization of different types of smart textiles. It describes briefly the current stage of development of these products and their application potential and gives indications on preferential standardization needs.

Keel: en
Alusdokumendid: ISO/TR 23383:2020; CEN ISO/TR 23383:2020
Asendab dokumenti: CEN/TR 16298:2011

EVS-EN ISO 1833-3:2020

Textiles - Quantitative chemical analysis - Part 3: Mixtures of acetate with certain other fibres (method using acetone) (ISO 1833-3:2020)

This document specifies a method, using acetone, to determine the mass percentage of acetate, after removal of non-fibrous matter, in textiles made of mixtures of - acetate with - wool, animal hair, silk, protein, cotton (scoured, kiered, or bleached), flax (or linen), hemp, jute, abaca, alfa, coir, broom, ramie, sisal, cupro, viscose, modal, polyamide, polyester, polypropylene, acrylic, elastolefin, elastomultiester, melamine, polypropylene/polyamide bicomponent, polyacrylate and glass fibres. It is not applicable to mixtures containing modacrylic fibres, certain chlorofibres, nor to mixtures containing acetate fibres that have been deacetylated on the surface.

Keel: en
Alusdokumendid: ISO 1833-3:2020; EN ISO 1833-3:2020
Asendab dokumenti: EVS-EN ISO 1833-3:2019

61 RÕIVATÖÖSTUS

EVS-EN ISO 8559-1:2020

Size designation of clothes - Part 1: Anthropometric definitions for body measurement (ISO 8559-1:2017)

ISO 8559-1:2017 provides a description of anthropometric measurements that can be used as a basis for the creation of physical and digital anthropometric databases. The list of measurements specified in this document is intended to serve as a guide for practitioners in the field of clothing who are required to apply their knowledge to select population market segments and to create size and shape profiles for the development of all garment types and their equivalent fit mannequins. The list provides a guide for how to take anthropometric measurements, as well as give information to clothing product development teams and fit mannequin manufacturers on the principles of measurement and their underlying anatomical and anthropometrical bases. Annex A describes the use of the pictogram (standardized and modified) based on the selection of most usual body dimensions used for clothing size designation. ISO 8559-1:2017 is intended to be used in conjunction with national, regional or international regulations or agreements to ensure harmony in defining population groups and to allow comparison of anthropometric data sets.

Keel: en
Alusdokumendid: ISO 8559-1:2017; EN ISO 8559-1:2020

EVS-EN ISO 8559-2:2020

Size designation of clothes - Part 2: Primary and secondary dimension indicators (ISO 8559-2:2017)

ISO 8559-2:2017 specifies primary and secondary dimensions for specified types of garments to be used in combination with ISO 8559-1 (anthropometric definitions for body measurement). The primary aim of this document is to establish a size designation system that can be used by manufacturers and retailers to indicate to consumers (in a simple, direct and meaningful manner) the body dimensions of the person that the garment is intended to fit. Provided that the size of the person's body (as indicated by the specified dimensions) has been determined in accordance with ISO 8559-1, this designation system will

facilitate the choice of garments that fit. This information can be indicated by labelling, etc. The size designation system is based on body measurements, not garment measurements. The choice of garment measurements is normally determined by the designer and the manufacturers who make appropriate allowances to accommodate the type and position of wear, style, cut and fashion elements of the garment.

Keel: en
Alusdokumendid: ISO 8559-2:2017; EN ISO 8559-2:2020

65 PÕLLUMAJANDUS

EVS-EN ISO 16122-5:2020

Põllumajandus- ja metsatöömasinad. Kasutuses olevate pritside ülevaatus. Osa 5: Õhust pritsimise süsteemid
Agricultural and forestry machines - Inspection of sprayers in use - Part 5: Aerial spray systems (ISO 16122-5:2020)

This document specifies the requirements, test methods and verification of the inspection 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. This document applies only to manned aerial aircraft. It does not cover aircraft safety and design criteria for air worthiness, aircraft registration, pilot or operator requirements, all of which are specified separately by countries or regions. This document relates mainly to the condition of the equipment with respect to its potential risk for the environment and its performance to achieve good applications. The general requirements of ISO 16122-1 apply where appropriate, including for the protection of inspectors during an inspection.

Keel: en
Alusdokumendid: ISO 16122-5:2020; EN ISO 16122-5:2020

67 TOIDUAINETE TEHNOLOOGIA

CEN/TR 17474:2020

Cereals (wheat and barley) - Technical Report of the interlaboratory studies for the determination of moisture and protein in whole kernels by near infrared spectroscopy

This document defines the repeatability and the reproducibility of a method using near infrared spectroscopy in whole kernels for the determination of moisture and protein on wheat and barley. The performance of the method (accuracy) is found in EN 15948. The values derived from the report are applicable to the following concentration ranges: - for wheat: - moisture content range from 9,5 % - 15,7 %; - protein content range from 10,0 % DM to 18,6 % DM; - for barley: - moisture content range from 10,6 % - 15,9 %; - protein content range from 9,2 % DM - 15,4 % DM.

Keel: en
Alusdokumendid: CEN/TR 17474:2020

EVS-EN 1672-2:2020

Toidutöötlemismasinad. Põhimõisted. Osa 2: Hügieeni- ja puhastatavuse nõuded
Food processing machinery - Basic concepts - Part 2: Hygiene and cleanability requirements

1.1 This document specifies common hygiene and cleanability requirements for machinery and machine components used in preparing and processing food for human (see informative Annex A) and, where relevant, animal feed processing to eliminate or minimize the risk of contagion, infection, illness or injury arising from this food to an acceptable level. It identifies the hazards which are significant to the use of such food processing machinery and describes design methods and information for use for the elimination or reduction of these risks. Additional and/or deviant hygiene and cleanability requirements may be given in applicable C-standards for specific machines or categories of machinery. NOTE Separate hygiene and cleanability requirements are contained in other EU-Directives or -Regulations (see Bibliography). Examples of hygiene risks and acceptable solutions are given in the informative Annex B. This document may also be used for machinery, components or other equipment used for other purposes than food preparing or processing, if cleanability is required. 1.2 This document does not deal with the hygiene-related risks to operators arising from the use of the machine. 1.3 This document is not applicable to machines manufactured before the date of publication of this document by CEN.

Keel: en
Alusdokumendid: EN 1672-2:2020
Asendab dokumenti: EVS-EN 1672-2:2005+A1:2009

71 KEEMILINE TEHNOLOOGIA

EVS-EN 113-1:2020

Durability of wood and wood-based products - Test method against wood destroying basidiomycetes - Part 1: Assessment of biocidal efficacy of wood preservatives

This document specifies a method for determining the efficacy of wood preservatives applied to wood by penetration treatment against wood destroying basidiomycetes cultured on a malt extract agar medium. The method is applicable to formulated products or to their active ingredients. NOTE This method can be used in conjunction with an ageing procedure, for example EN 73 or EN 84. Annex A (informative) contains an example of a test report. Annex B (normative) contains some methods of sterilization. Annex C (informative) contains information on the test vessels. Annex D (informative) contains information on test fungi. Annex E (informative) contains a recommended but non-comprehensive list of optional fungi.

Keel: en
Alusdokumendid: EN 113-1:2020
Asendab dokumenti: EVS-EN 113:2000
Asendab dokumenti: EVS-EN 113:2000/A1:2004

EVS-EN 113-2:2020

Durability of wood and wood-based products - Test method against wood destroying basidiomycetes - Part 2: Assessment of inherent or enhanced durability

This document specifies a method of test for determining the natural durability of a timber against wood-destroying basidiomycetes cultured on a malt extract agar medium. The method is applicable to all timber species. Furthermore this method can be used to test modified wood. The test method described in this document can be applied to specific wood species, commercial supplies of sawn timber, wood-based materials, wood treated with preservatives and modified wood, both thermally and chemically modified wood. However, this document is not intended to determine the effectiveness of wood preservatives used to prevent decay. NOTE 1 Determining the efficacy of wood preservatives used to prevent decay is the scope of EN 113-1. However, in addition to this and with some amendments, it might also be possible in some cases to test treated wood using the method described here. NOTE 2 This method can be used in conjunction with an ageing procedure, for example EN 73 or EN 84. Annex A (informative) contains a guidance on sampling. Annex B (normative) contains some methods of sterilization. Annex C (informative) contains information on the culture vessels. Annex D (informative) contains an example of a test report. Annex E (informative) contains information on the test fungi. Annex F (informative) contains the assessment of the results.

Keel: en
Alusdokumendid: EN 113-2:2020
Asendab dokumenti: CEN/TS 15083-1:2005
Asendab dokumenti: EVS-EN 113:2000
Asendab dokumenti: EVS-EN 113:2000/A1:2004

73 MÄENDUS JA MAAVARAD

EVS-EN 1804-1:2020

Allmaakaevandusmasinad. Ohutusnõuded hüdraulilistele laetugedele. Osa 1: Tugisõlmed ja üldnõuded

Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 1: Support units and general requirements

This document stipulates the safety requirements for the use of support units intended by the manufacturer. Examples of support units are: frame supports, chock supports, shield supports, paired frames and push-pull support systems including the components of advancing and anchoring devices which provide support functions. This document excludes fixing elements on the conveyor, coal-winning equipment, power set legs and rams, valves, hydraulic and electro-hydraulic control units, lighting and signalling facilities and other ancillary equipment. NOTE Some components are discussed in other parts of this series of standards. This document applies for support units that are used at ambient temperatures between −10 °C and 60 °C. This document also applies to support components and support accessories which are provided if the support unit is fitted with stowing equipment. This document identifies and takes account of: - the hazards that can possibly be induced through operation of the support units; - the hazardous areas and the operating conditions that can cause any type of hazard; - the situations that can result in hazards that cause an injury or impair health; - dangers that can be caused through mine gas and/or flammable dusts. This document describes methods for reducing these hazards. Clause 4 contains a list of the hazards discussed. This document does not specify any additional requirements for: - a particularly corrosive environment; - risks associated with manufacturing, transport and decommissioning; - earthquake. A complete hydraulic powered roof support consists of the support units (EN 1804-1:2020), legs and support rams (EN 1804-2:2020) and the hydraulic and electro hydraulic controls (EN 1804-3:2020). Each part of this multipart document addresses the safety requirements of the components mentioned in the scopes of the respective parts of this multipart series. This document is not applicable to all support units manufactured before the date of its publication.

Keel: en
Alusdokumendid: EN 1804-1:2020
Asendab dokumenti: EVS-EN 1804-1:2001+A1:2010

EVS-EN 1804-2:2020

Allmaakaevandusmasinad. Ohutusnõuded hüdraulilistele laetugedele. Osa 2: Jõuseadme jalad ja rammid

Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 2: Power set legs and rams

This document stipulates the safety requirements for use of legs and rams as intended by the manufacturer. These include legs, support rams and rams, including the mechanical extensions, the inner valves and safety devices, seals, the hydraulic connections (up to the 1st hose line or to the valve of design B, see EN 1804-3:2020) and their lifting points, but excluding protective pipes and gaiters, external valves and hydraulic and electrohydraulic control systems. NOTE Some components are discussed in other parts of this standard series. This document applies for legs, support rams, and cylinders that are used at ambient temperatures between -10 °C and 60 °C. This document identifies and takes account of: - possible hazards which may be caused by the operation of legs, support rams and rams; - the hazardous areas and the operating conditions that can cause any type of hazard; - the situations that can result in hazards that cause an injury or impair health; - dangers that can be caused through mine gas and/or flammable dusts. This document describes methods for reducing these hazards. Clause 4 contains a list of the hazards discussed. This document does not specify any additional requirements for: - specially corrosive

environments; - risks associated with manufacturing and decommissioning; - earthquake. A complete hydraulic powered roof support consists of the support units (EN 1804-1:2020), legs and support rams (EN 1804-2:2020) and the hydraulic and electro hydraulic controls (EN 1804-3:2020). Each part of this multipart document addresses the safety requirements of the components mentioned in the scopes of the respective parts of this multipart series. This document is not applicable to legs and rams manufactured before the date of its publication.

Keel: en
Alusdokumendid: EN 1804-2:2020
Asendab dokumenti: EVS-EN 1804-2:2001+A1:2010

EVS-EN 1804-3:2020

Allmaakaevandusmasinad. Ohutusnõuded hüdraulilistele laetugedele. Osa 3: Hüdraulilised ja elektrohüdraulilised juhtsüsteemid
Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 3: Hydraulic and electro hydraulic control systems

This document specifies the safety requirements for hydraulic and electro hydraulic control devices, including hydraulic valves and their control elements, valve combinations, control systems, pipes and hose assemblies, measuring devices, built-in pressure limiting and check valves in legs and rams and, as well emergency stop, start warning, blocking- and control unit when used as specified by the manufacturer or his authorized representative. Excluded are pressure generators, and internal valves of legs and rams (e.g. leg bottom valves, see EN 1804-2:2020). NOTE Some components are dealt with in other parts of this standard. This document applies to hydraulic and electro hydraulic control devices at ambient temperatures from -10 °C to 60 °C. This document identifies and takes into account: - possible hazards which can be caused by the operation of hydraulic and electro hydraulic control devices; - areas and operating conditions which can create such hazards; - hazardous situations which can cause injury or can be damaging to health; - hazards which can be caused by firedamp and/or combustible dusts. This document describes methods for the reduction of these hazards. A list of significant hazards covered appears in Clause 4. This document does not specify any additional requirements for: - use in particularly corrosive environments; - hazards occurring during construction, transportation, decommissioning; - earthquakes. A complete hydraulic powered roof support consists of the support units (EN 1804-1:2020), legs and support rams (EN 1804-2:2020) and the hydraulic and electro hydraulic controls (EN 1804-3:2020). Each part of this multipart document addresses the safety requirements of the components mentioned in the scopes of the respective parts of this multipart series. This document is not applicable to hydraulic and electro hydraulic control systems manufactured before the date of its publication.

Keel: en
Alusdokumendid: EN 1804-3:2020
Asendab dokumenti: EVS-EN 1804-3:2006+A1:2010

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 15199-1:2020

Petroleum products - Determination of boiling range distribution by gas chromatography method - Part 1: Middle distillates and lubricating base oils

This document specifies a method for the determination of the boiling range distribution of petroleum products by capillary gas chromatography using flame ionization detection. The standard is applicable to materials having a vapour pressure low enough to permit sampling at ambient temperature and a boiling range of at least 100 °C. The standard is applicable to distillates with initial boiling points (IBP) above 100 °C and final boiling points (FBP) below 750 °C, for example, middle distillates and lubricating base stocks. The test method is not applicable for the analysis of petroleum or petroleum products containing low molecular weight components (for example naphtha’s, reformates, gasolines) or middle distillates like Diesel and Jet fuel. Petroleum or petroleum products containing blending components which contain heteroatoms (for example alcohols, ethers, acids, or esters) or residue are not to be analysed by this test method. NOTE 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. WARNING - The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: EN 15199-1:2020
Asendab dokumenti: EVS-EN 15199-1:2006

EVS-EN 15199-2:2020

Petroleum products - Determination of boiling range distribution by gas chromatography method - Part 2: Heavy distillates and residual fuels

This document specifies a method for the determination of the boiling range distribution of petroleum products by capillary gas chromatography using flame ionization detection. The standard is applicable to materials having a vapour pressure low enough to permit sampling at ambient temperature, and which have a boiling range of at least 100 °C. The standard is applicable to materials with initial boiling points (IBP) above 100 °C and final boiling points (FBP) above 750 °C, for example, heavy distillate fuels and residuals. The method is not applicable to bituminous samples. The test method is not applicable for the analysis of petroleum or petroleum products containing low molecular weight components (for example naphthas, reformates, gasolines) or middle distillates like Diesel and Jet fuel. Petroleum or petroleum products containing blending components, which contain hetero atoms (for example alcohols, ethers, acids, or esters) or residue, are not to be analysed by this test method. NOTE 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. WARNING - The use of this document may involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this

standard to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: EN 15199-2:2020
Asendab dokumenti: EVS-EN 15199-2:2006

EVS-EN 15199-3:2020

Petroleum products - Determination of boiling range distribution by gas chromatography method - Part 3: Crude oil

This document describes a method for the determination of the boiling range distribution of petroleum products by capillary gas chromatography using flame ionization detection. The standard is applicable to crude oils. The boiling range distribution and recovery to C100 or C120 can be determined. Two procedures are described: single and dual analysis mode. The basis of each is the calculation procedure as described in Annex A. Procedure A (or Single analysis mode) determines the boiling range through C100 or C120 in a single analysis. Procedure B (or Dual analysis mode) combines procedure A with the boiling point distribution from C1 up to C9 using the Detailed Hydrocarbon Analysis (DHA) according EN 15199-4. The results of both analyses are merged into one boiling point distribution. NOTE 1 There is no specific precision statement for the combined results obtained by procedure B. For the precision of the boiling range distribution according to procedure B the precision statements of procedure A and EN 15199-4 apply. No precision has been determined for the results after merging. NOTE 2 For the purpose of this document, the terms "% (m/m)" and "% (V/V)" are used to represent the mass fraction, μ, and the volume fraction, φ, of a material respectively. WARNING - Use of this document may involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: EN 15199-3:2020
Asendab dokumenti: EVS-EN 15199-3:2008

EVS-EN ISO 21637:2020

Solid recovered fuels - Vocabulary (ISO 21637:2020)

This International Standard defines terms and definitions concerned in all standardisation work within the scope of ISO/TC 300, i.e. terms used in the field of production and trade of solid recovered fuels that are prepared from non-hazardous waste. NOTE Solid biofuels are covered by the scope of ISO/TC 238. Definitions in other standards with a scope different from the scope of this International Standard can be different from the definitions in this International Standard.

Keel: en
Alusdokumendid: ISO 21637:2020; EN ISO 21637:2020
Asendab dokumenti: EVS-EN 15357:2011

EVS-EN ISO 21663:2020

Solid recovered fuels - Methods for the determination of carbon (C), hydrogen (H), nitrogen (N) and sulphur (S) by the instrumental method (ISO 21663:2020)

This International Standard specifies a method for the determination of carbon (C), hydrogen (H), nitrogen (N) and sulphur (S) by instrumental method. Depending on the amount of test portion used, micro and macro instrumental apparatus are used. An alternative method based on high temperature furnace combustion and IR detection is described in Annex A.

Keel: en
Alusdokumendid: ISO 21663:2020; EN ISO 21663:2020
Asendab dokumenti: EVS-EN 15407:2011

77 METALLURGIA

EVS-EN 12385-3:2020

Terastraadist trossid. Ohutus. Osa 3: Kasutus- ja hooldusteave
Steel wire ropes - Safety - Part 3: Information for use and maintenance

This document specifies the type of information for use and maintenance of steel wire ropes to be provided by the rope manufacturer or to be included in the manufacturer's handbook that accompanies a machine, piece of equipment or installation of which the steel wire rope forms a part. The particular hazards covered by this document are identified in Clause 4. For steel wire ropes conforming to Parts 8 and 9 used on cableway installations designed to carry persons, additional information for use and maintenance is given in EN 12927. For steel wire rope slings, specific information on use and maintenance is given in EN 13414-2. This document is not applicable to steel wire ropes manufactured before the date of publication of this document by CEN.

Keel: en
Alusdokumendid: EN 12385-3:2020
Asendab dokumenti: EVS-EN 12385-3:2004+A1:2008

EVS-EN ISO 18086:2020

Corrosion of metals and alloys - Determination of AC corrosion - Protection criteria (ISO 18086:2019)

This document specifies protection criteria for determining the AC corrosion risk of cathodically protected pipelines. It is applicable to buried cathodically protected pipelines that are influenced by AC traction systems and/or AC power lines. In the presence of AC interference, the protection criteria given in ISO 15589-1 are not sufficient to demonstrate that the steel is being protected against corrosion. This document provides limits, measurement procedures, mitigation measures, and information to deal with long-term AC interference for AC voltages at frequencies between 16,7 Hz and 60 Hz and the evaluation of AC corrosion likelihood. This document deals with the possibility of AC corrosion of metallic pipelines due to AC interferences caused by conductive, inductive or capacitive coupling with AC power systems and the maximum tolerable limits of these interference effects. It takes into account the fact that this is a long-term effect, which occurs during normal operating conditions of the AC power system. This document does not cover the safety issues associated with AC voltages on pipelines. These are covered in national standards and regulations (see, e.g., EN 50443).

Keel: en
Alusdokumendid: ISO 18086:2019; EN ISO 18086:2020
Asendab dokumenti: EVS-EN ISO 18086:2017

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 22636:2020

Adhesives - Adhesives for floor coverings - Requirements for mechanical and electrical performance (ISO 22636:2020)

This document specifies characteristics for adhesives for floor coverings, which comprise: — resilient floor coverings (such as those manufactured from plastics, linoleum or rubber); — textile floor coverings. Adhesives for floor coverings are intended for use within a building according to the manufacturer's specification. This document specifies requirements for establishing performance characteristics of adhesives for floor coverings with regard to their determination, evaluation and expression. This document comprises all kinds of adhesives for floor coverings irrespective of the chemical composition and the mechanism of setting. Products according to this document can be put on the market as liquids, pastes and film adhesives for floor coverings. The products can be one-component or multi-component. This document also defines a special kind of adhesives for floor coverings, which facilitate the easy removal of the floor covering after the utilization and where the need for a permanent bond is not always required. These types of floor covering adhesives are referred to as low peel strength, release bond adhesives. This document does not: — cover adhesives for bonding parquet to the subfloor, adhesives for bonding laminate floor coverings and adhesives for ceramic tiles; — make provisions for testing the bond strength of low peel strength, release bond adhesives for floor coverings; — take account of all influences which may occur in practice.

Keel: en
Alusdokumendid: ISO 22636:2020; EN ISO 22636:2020
Asendab dokumenti: EVS-EN 14259:2004

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 20266:2020

Paints and varnishes - Determination of image clarity (degree of sharpness of reflected or transmitted image) (ISO 20266:2018)

This document specifies an instrumental method for determining the image clarity on paint films (coatings) by measuring reflection from the specimen surface or transmission through the specimen. The method can be applied only to a flat surface.

Keel: en
Alusdokumendid: ISO 20266:2018; EN ISO 20266:2020

EVS-EN ISO 21546:2020

Paints and varnishes - Determination of the resistance to rubbing using a linear abrasion tester (crockmeter) (ISO 21546:2019)

This document specifies a method for determining the resistance of a coating to rubbing by means of a loaded abrasive material which is linearly moved over the surface to be tested. The method can also be applied to different material surfaces, such as plastics and metals.

Keel: en
Alusdokumendid: ISO 21546:2019; EN ISO 21546:2020

EVS-EN ISO 22516:2020

Paints and varnishes - Practical determination of non-volatile and volatile matter content during application (ISO 22516:2019)

This document specifies a test method for the determination of non-volatile matter of coatings directly after application or after intermediate or final drying. In practice, the determination of volatile matter is applied particularly in regard to water-thinnable coatings which are re-coated with an additional coating material. Furthermore, the method can be used to compare the efficiency of different application and drying methods. The content of non-volatile or volatile matter of a product after application is no absolute variable but depends on the application and drying conditions applied during the test. Consequently, applying this method gives only relative values and not the real values for the content of non-volatile matter, due to solvent retention, thermal decomposition and evaporation of low-molecular contents.

Keel: en
Alusdokumendid: ISO 22516:2019; EN ISO 22516:2020

EVS-EN ISO 22518:2020

Paints and varnishes - Determination of solvents in water-thinnable coating materials - Gas-chromatographic method (ISO 22518:2019)

This document specifies a method for the gas-chromatographic determination of the solvents in water-thinnable paints and varnishes, binder solutions, emulsions and dispersions. With the precision stated in Clause 13, single components above 0,02 % (mass fraction) can be determined quantitatively. The method defined in this document is not applicable for the determination of Volatile Organic Compounds (VOC) and Semi-Volatile Organic Compounds (SVOC) content. NOTE For the determination of VOC and SVOC, see ISO 11890-2[2].

Keel: en
Alusdokumendid: ISO 22518:2019; EN ISO 22518:2020

EVS-EN ISO 22557:2020

Paints and varnishes - Scratch test using a spring-loaded pen (ISO 22557:2019)

This document specifies a method for determining the resistance of a coating to scratches introduced by a usually hand-held loaded stylus. The test can be carried out using a point stylus (method A) or using a disc stylus (method B). Both methods are generally applicable and can be used in the field as well as on curved surfaces. Method A can also be applied on small test specimens (minimum dimensions 30 mm × 50 mm). The test can be carried out as a "pass/fail" test (test requirement I) or as a classification test (test requirement II).

Keel: en
Alusdokumendid: ISO 22557:2019; EN ISO 22557:2020

EVS-EN ISO 22969:2020

Paints and varnishes - Determination of solar reflectance (ISO 22969:2019)

This document specifies a method to determine the solar reflectance of coating systems using a spectrophotometer with a wide spectral range (300 nm to 2 500 nm) and global solar radiation. This document is applicable to coating systems.

Keel: en
Alusdokumendid: ISO 22969:2019; EN ISO 22969:2020

EVS-EN ISO 23321:2020

Solvents for paints and varnishes - Demineralized water for industrial applications - Specification and test methods (ISO 23321:2019)

This document specifies the properties and requirements for demineralized water used as solvent for paints and varnishes industrial applications, e.g. production of electro-deposition coating materials, water-based coating materials, water-based resins and plastics dispersions. This document is not applicable to water for analytical use. NOTE See ISO 3696.

Keel: en
Alusdokumendid: ISO 23321:2019; EN ISO 23321:2020

91 EHITUSMATERJALID JA EHITUS

EVS-EN 12604:2017+A1:2020

Tööstus-, kommerts- ning garaažiuksed ja -väravad. Mehaanilised aspektid. Nõuded ja katsemeetodid
Industrial, commercial and garage doors and gates - Mechanical aspects - Requirements and test methods

See Euroopa standard spetsifitseerib mehaanilised nõuded ja katsemeetodid käsikäitusega ustele, väravatele ja tõkkepuudele, mis on ette nähtud paigaldamiseks kohtadesse, kus inimene nendega kokku võib puutuda, ja mille peamine kasutusotstarve on tagada tööstus-, kommerts- või eluhoonetes ohutu juurdepääs kaupadele ja sõidukitele, mida saadavad või juhivad inimesed. See Euroopa standard hõlmab ka käsikäitusega vertikaalselt liikuvaid kommertsuksi, nagu rull-luugid ja rullvõred, mida kasutatakse jaemüügiettevõtetes ja mis on peamiselt ette nähtud kaupade kaitsmiseks. See dokument kehtib ainult selliste uste kohta, mis ei kuulu hoone kandekonstruktsioonide hulka. See ei kehti järgmiste toodete kohta: — lüüsiväravad ja dokiväravad; — sõidukiuksed; — uksed, mis on mõeldud peamiselt loomade kinnipidamiseks, välja arvatud juhul, kui nad paiknevad krundi perimeetril; — jalakäijatele kasutamiseks mõeldud uksed; — raudteetõkkepuud. Selles dokumendis mõistetakse termini „uks“ all, kus seda ka ei kasutataks, kõiki selle standardi käsitlusalasse kuuluvate uste, väravate ja tõkkepuude tüüpe ja variante.

Keel: en, et
Alusdokumendid: EN 12604:2017+A1:2020
Asendab dokumenti: EVS-EN 12604:2017

EVS-EN ISO 15875-2:2004/A2:2020

Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 2: Pipes - Amendment 2 (ISO 15875-2:2003/Amd 2:2020)

Amendment to EN ISO 15875-2:2003

Keel: en
Alusdokumendid: ISO 15875-2:2003/Amd 2:2020; EN ISO 15875-2:2003/A2:2020
Muudab dokumenti: EVS-EN ISO 15875-2:2004

EVS-EN ISO 15875-3:2004/A1:2020

Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 3: Fittings - Amendment 1 (ISO 15875-3:2003/Amd 1:2020)

Amendment to EN ISO 15875-3:2003

Keel: en
Alusdokumendid: ISO 15875-3:2003/Amd 1:2020; EN ISO 15875-3:2003/A1:2020
Muudab dokumenti: EVS-EN ISO 15875-3:2004

EVS-EN ISO 15875-5:2004/A1:2020

Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 5: Fitness for purpose of the system - Amendment 1 (ISO 15875-5:2003/Amd 1:2020)

Amendment to EN ISO 15875-5:2003

Keel: en
Alusdokumendid: ISO 15875-5:2003/Amd 1:2020; EN ISO 15875-5:2003/A1:2020
Muudab dokumenti: EVS-EN ISO 15875-5:2004

EVS-EN ISO 15876-2:2017/A1:2020

Plastics piping systems for hot and cold water installations - Polybutene (PB) - Part 2: Pipes - Amendment 1 (ISO 15876-2:2017/Amd 1:2020)

Amendment to EN ISO 15876-2:2017

Keel: en
Alusdokumendid: ISO 15876-2:2017/Amd 1:2020; EN ISO 15876-2:2017/A1:2020
Muudab dokumenti: EVS-EN ISO 15876-2:2017

EVS-EN ISO 15876-3:2017/A1:2020

Plastics piping systems for hot and cold water installations - Polybutene (PB) - Part 3: Fittings - Amendment 1 (ISO 15876-3:2017/Amd 1:2020)

Amendment to EN ISO 15876-3:2017

Keel: en
Alusdokumendid: ISO 15876-3:2017/Amd 1:2020; EN ISO 15876-3:2017/A1:2020
Muudab dokumenti: EVS-EN ISO 15876-3:2017

EVS-EN ISO 15876-5:2017/A1:2020

Plastics piping systems for hot and cold water installations - Polybutene (PB) - Part 5: Fitness for purpose of the system - Amendment 1 (ISO 15876-5:2017/Amd 1:2020)

Amendment to EN ISO 15876-5:2017

Keel: en
Alusdokumendid: ISO 15876-5:2017/Amd 1:2020; EN ISO 15876-5:2017/A1:2020
Muudab dokumenti: EVS-EN ISO 15876-5:2017

EVS-EN ISO 15877-2:2009/A2:2020

Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 2: Pipes - Amendment 2 (ISO 15877-2:2009/Amd 2:2020)

Amendment to EN ISO 15877-2:2009

Keel: en
Alusdokumendid: ISO 15877-2:2009/Amd 2:2020; EN ISO 15877-2:2009/A2:2020
Muudab dokumenti: EVS-EN ISO 15877-2:2009

EVS-EN ISO 15877-5:2009/A2:2020

Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 5: Fitness for purpose of the system - Amendment 2 (ISO 15877-5:2009/Amd 2:2020)

Amendment to EN ISO 15877-5:2009

Keel: en
Alusdokumendid: ISO 15877-5:2009/Amd 2:2020; EN ISO 15877-5:2009/A2:2020
Muudab dokumenti: EVS-EN ISO 15877-5:2009

EVS-EN ISO 22391-2:2010/A1:2020

Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 2: Pipes - Amendment 1 (ISO 22391-2:2009/Amd 1:2020)

Amendment to EN ISO 22391-2:2009

Keel: en
Alusdokumendid: ISO 22391-2:2009/Amd 1:2020; EN ISO 22391-2:2009/A1:2020
Muudab dokumenti: EVS-EN ISO 22391-2:2010

EVS-EN ISO 22391-3:2010/A1:2020

Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 3: Fittings - Amendment 1 (ISO 22391-3:2009/Amd 1:2020)

Amendment to EN ISO 22391-3:2009

Keel: en
Alusdokumendid: ISO 22391-3:2009/Amd 1:2020; EN ISO 22391-3:2009/A1:2020
Muudab dokumenti: EVS-EN ISO 22391-3:2010

EVS-EN ISO 22391-5:2010/A1:2020

Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 5: Fitness for purpose of the system - Amendment 1 (ISO 22391-5:2009/Amd 1:2020)

Amendment to EN ISO 22391-5:2009

Keel: en
Alusdokumendid: ISO 22391-5:2009/Amd 1:2020; EN ISO 22391-5:2009/A1:2020
Muudab dokumenti: EVS-EN ISO 22391-5:2010

EVS-HD 60364-7-706:2007/A1:2020

Low-voltage electrical installations - Part 7-706: Requirements for special installations or locations - Conducting locations with restricted movement

Standardisarja HD 60364 käesoleva osa erinõuded käivad kohtkindlate seadmete kohta juhtivates paikades, milles inimeste liikumisvõimalused on piiratud, ja nendes paikades kasutatavate kantavate seadmete elektritoite kohta. Käesolevad erinõuded ei kehti paikade kohta, milles inimene saab vabalt töötada, millesse saab vabalt siseneda ja millest saab vabalt väljuda juhtivate osadega kokkupuutesse sattumata.

Keel: en
Alusdokumendid: HD 60364-7-706:2007/A1:2020; IEC 60364-7-706:2005/A1:2019
Muudab dokumenti: EVS-HD 60364-7-706:2007

93 RAJATISED

EVS-EN 15746-2:2020

Raudteealased rakendused. Rööbastee. Maanteel ja raudteel liikuvad masinad ning juurdekuuluv lisavarustus. Osa 2: Üldised ohutusnõuded
Railway applications - Track - Road-rail machines and associated equipment - Part 2: General safety requirements

This document specifies the significant hazards, hazardous situations and events, common to self-propelled road-rail machines - henceforward referred to as machines - and associated equipment, arising due to the adaptation for their use on railway networks and urban rail networks. These machines are intended for construction, maintenance and inspection of the railway infrastructure, shunting and emergency rescue vehicles, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer; see Clause 4. This document deals with the common hazards during assembly and installation, commissioning, travelling on and off track, use including setting, programming, and process changeover, operation, cleaning, fault finding, maintenance and de-commissioning of the machines. NOTE Specific measures for exceptional circumstances are not dealt with in this document. They can be subject to negotiation between manufacturer and the machine operator. The common hazards dealt with include the general hazards presented by the machines, also the hazards presented by the following specific machine functions: a) excavation; b) ballast tamping, ballast cleaning, ballast regulating, ballast consolidating; c) track construction, renewal, maintenance and repair; d) lifting; e) overhead contact line system renewal / maintenance; f) maintenance of the components of the infrastructure; g) inspection and measurement of the components of the infrastructure; h) working in tunnels; i) shunting; j) vegetation control; k) emergency rescue and recovery; during commissioning, use, maintenance and servicing. For a road-rail machine it is assumed that an EU road permissible host vehicle will offer an accepted safety level for its designed basic functions before conversion. Unless explicitly stated otherwise in a particular clause this specific aspect is not dealt with in this document. This document does not deal with: 1) requirements with regard to the quality of work and the performance of the machine; 2) machines that utilize the contact line system for traction purposes; 3) specific requirements established by a railway Infrastructure Manager or Urban Rail Manager; 4) negotiations between the manufacturer and the machine operator for additional or alternative requirements; 5) requirements for use and travel of the machine on public highway; 6) hazards due to air pressure caused by the passing of high-speed trains at more than 190 km/h; 7) requirements which could be necessary in case of use in extreme conditions, such as extreme ambient temperatures (tropical or polar); see 5.30; 8) highly corrosive or contaminating environment, e.g. due to the presence of chemicals; 9) potentially explosive atmospheres. Other special machines used on railway tracks are dealt with in other European Standards, see Annex E.

Keel: en
Alusdokumendid: EN 15746-2:2020

Asendab dokumenti: EVS-EN 15746-2:2010+A1:2011

EVS-EN 15746-3:2020

Raudteealased rakendused. Rööbastee. Maanteel ja raudteel liikuvad masinad ning juurdekuuluv lisavarustus. Osa 3: Käitamise tehnilised nõuded
Railway applications - Track - Road-rail machines and associated equipment - Part 3: Technical requirements for running

1.1 General This document deals with the technical requirements to minimize the specific railway hazards of self-propelled road-rail machines, as defined in EN 15746 1:2020, 3.1, henceforward referred to as machines, when designed and intended for running on European railways within the scope of European Directive 2007/58/EC. The running mode is an option designed by the manufacturer which permits the use of the machine on a specified railway infrastructure without the need for special operational rules. NOTE 1 The use of special track safety equipment (i.e. part of automatic train protection systems) does not necessarily mean that the machine has a running mode; some Infrastructure Managers use such equipment as means of protection for machines in travelling and/or working modes. NOTE 2 This document is written for 1 435 mm nominal track gauge; special requirements can apply for running on infrastructures with narrow gauge or broad gauge lines. Urban rail and railways utilizing other than adhesion between the rail and wheels are not included in this document. This document does not apply to the following: - the specific requirements established by the machine operator for the use of machines, which will be the subject of negotiation between the manufacturer and the Infrastructure Manager; - travelling and working both on and off rails; - running on urban rail. For a road-rail machine it is assumed that an EU road permissible host vehicle will offer an accepted safety level for its designed basic functions before conversion. Unless explicitly stated otherwise in a particular clause this specific aspect is not dealt with in this European Standard. 1.2 Validity of this document This document applies to all machines which are within the scope of the Commission Regulation (EU) No 1302/2014 for locomotives and passenger rolling stock.

Keel: en
Alusdokumendid: EN 15746-3:2020

EVS-EN 15746-4:2020

Railway applications - Track - Road-rail machines and associated equipment - Part 4: Technical requirements for running, travelling and working on urban rail

1.1 General This document specifies the technical requirements to minimize the specific railway hazards of self-propelled road-rail machines - henceforward referred to as machines - and associated equipment, intended for use on urban rail. These hazards can arise during the commissioning, the operation and the maintenance of machines when carried out in accordance with the specification given by the manufacturer or his authorized representative. Where a machine is designed and intended for use on mainline and urban rail, the machine will comply with the most onerous conditions of FprEN 15746-1 and FprEN 15746-4. In all cases the machine will comply with the requirements set out in FprEN 15746-2. The requirements in this document amend those in FprEN 15746-1 as required for the use of the machine on urban railways. This document does not apply to the following: - the requirements for quality of the work or performance of the machine; - the specific requirements established by the machine operator for the use of machines, which will be the subject of negotiation between the manufacturer and the Urban Rail Manager; - moving and working while not on rails; - separate machines temporarily mounted on machines and associated equipment. This document does not establish the additional requirements for the following: - operation subject to special rules, e.g. potentially explosive atmospheres; - hazards due to natural causes, e.g. earthquake, lightning, flooding; - working methods; - operation in severe working conditions requiring special measures, e.g. extreme environmental conditions such as: freezing temperatures, high temperatures, corrosive environments, tropical environments, contaminating environments, strong magnetic fields; - hazards occurring when used to handle suspended loads which may swing freely. For a road-rail machine it is assumed that an EU road permissible host vehicle will offer an accepted safety level for its designed basic functions before conversion. Unless explicitly stated otherwise in a particular clause this specific aspect is not dealt with in this European Standard. Other track construction and maintenance machines used on railway tracks are dealt with in other European Standards, see Annex B. 1.2 Scope of urban rail Urban rail systems cover Urban Guided Transport systems (UGT) and might include other rail systems excluded from the scope of the Interoperability Directive 2008/57/EC (Article 1.3 (a) and (b)). Urban Guided Transport systems (UGT), which cover metro, tram and light rail, are defined as public transport systems permanently guided at least by one rail, intended for the operation of local, urban and suburban passenger services with self-propelled vehicles and operated either segregated or not from general road and pedestrian traffic. Categories of urban rail systems include: - (I) Metros: UGT systems operated on their own right of way and segregated from general road and pedestrian traffic. They are consequently designed for operations in tunnel, viaducts or on surface level but with physical separation in such a way that inadvertent access is not possible. In different parts of the world, Metro systems are also known as the underground, the subway or the tube. Rail systems with specific construction issues operating on a segregated guideway (e.g. monorail, rack railways) are also treated as Metros as long as they are designated as part of the urban public transport network. - (II) Trams: UGT systems not segregated from general road and pedestrian traffic, which share their right of way with general road and/or pedestrian traffic and are therefore embedded in their relevant national road traffic legislation (highway codes and specific adaptations). (...)

Keel: en
Alusdokumendid: EN 15746-4:2020

EVS-EN ISO 22391-5:2010/A1:2020

Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 5: Fitness for purpose of the system - Amendment 1 (ISO 22391-5:2009/Amd 1:2020)

Amendment to EN ISO 22391-5:2009

Keel: en
Alusdokumendid: ISO 22391-5:2009/Amd 1:2020; EN ISO 22391-5:2009/A1:2020
Muudab dokumenti: EVS-EN ISO 22391-5:2010

97 OLME. MEELELAHUTUS. SPORT

CEN/TR 15071:2020

Safety of toys - National translations of warnings and instructions for use in the EN 71 series

This Technical Report contains a compilation of national translations of warnings and instructions for use, mentioned in the EN 71 series of standards. The warnings and instructions for use need to be applied in accordance with the requirements and specifications of the EN 71 series of standards for safety of toys and these standards should always be consulted before drawing up the text of a warning or instruction for use. The users of this document should be aware that additional markings may be required for certain toys, e.g. in non-EU countries. Local regulations should be checked.

Keel: en
Alusdokumendid: CEN/TR 15071:2020
Asendab dokumenti: CEN/TR 15071:2015

EVS-EN 1130:2019/AC:2020

Laste mööbel. Imikuvoodid. Ohutusnõuded ja katsemeetodid
Children's furniture - Cribs - Safety requirements and test methods

Standardi EN 1130:2019 parandus.

Keel: en, et
Alusdokumendid: EN 1130:2019/AC:2020
Parandab dokumenti: EVS-EN 1130:2019

EVS-EN 1176-1:2017/AC:2020

Mänguväljaku seadmed ja aluspinnakate. Osa 1: Üldised ohutusnõuded ja katsemeetodid
Playground equipment and surfacing - Part 1: General safety requirements and test methods

Standardi EVS-EN 1176-1:2017 parandus.

Keel: et
Parandab dokumenti: EVS-EN 1176-1:2017

EVS-EN 71-1:2014+A1:2018/AC:2020

Mänguasjade ohutus. Osa 1: Mehaanilised ja füüsikalised omadused
Safety of toys - Part 1: Mechanical and physical properties

Standardi EVS-EN 71-1:2014+A1:2018 parandus.

Keel: et
Parandab dokumenti: EVS-EN 71-1:2014+A1:2018

EVS-EN 71-4:2020

Mänguasjade ohutus. Osa 4: Katsekomplektid keemiakatseteks ja samalaadseks tegevuseks
Safety of toys - Part 4: Experimental sets for chemistry and related activities

This document specifies requirements for the maximum amount, and in some cases, the maximum concentration of certain substances and mixtures used in experimental sets for chemistry and related activities. These substances and mixtures are: - those classified as hazardous by the EC-legislation applying to hazardous substances and hazardous mixtures [1]; - substances and mixtures which in excessive amounts could harm the health of the children using them and which are not classified as hazardous by the above-mentioned legislation; and - any other chemical substance(s) and mixture(s) delivered with the experimental set. This document applies to experimental sets for chemistry and related activities including crystal growing sets, carbon dioxide generating experimental sets and supplementary sets. It also covers sets for chemical experiments within the fields of mineralogy, biology, physics, microscopy and environmental science whenever they contain one or more chemical substances and/or mixtures which are classified as hazardous according to Regulation (EC) No. 1272/2008 [1]. This document also specifies requirements for marking, a contents list, instructions for use, eye protection and for the equipment intended for carrying out the experiments. This document does not apply to combined sets, e.g. a combination of a chemistry set and a crystal growing set. It also does not apply to toys that are covered by EN 71-13 (e.g. cosmetic kits). Requirements for certain other chemical toys are given in EN 71-5. NOTE The terms "substance" and "preparation", are used in the "REACH Regulation", Regulation (EC) No. 1907/2006 [2]. According to the Globally Harmonized System (GHS) of classification and labelling of chemicals, which in the European Union has been enacted by Regulation (EC) No. 1272/2008 (classification, labelling and packaging of substances and mixtures) [1], the timetable for the introduction of GHS is followed. The words "preparation" and "mixture" are considered synonymous; both are a mixture or solution of substances that do not react with each other. The old term "preparation" will be replaced by the new term "mixture" in due course. In this document, only the term "mixture" is used.

Keel: en
Alusdokumendid: EN 71-4:2020
Asendab dokumenti: EVS-EN 71-4:2013

EVS-EN 71-5:2016/AC:2020

Mänguasjade ohutus. Osa 5: Keemilised mänguasjad (komplektid), välja arvatud katsekomplektid
Safety of toys - Part 5: Chemical toys (sets) other than experimental sets

Standardi EVS-EN 71-5:2016 parandus.

Keel: et
Parandab dokumenti: EVS-EN 71-5:2016

EVS-EN IEC 60704-2-1:2020

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-1: Particular requirements for dry vacuum cleaners

IEC 60704-2-1:2020 is applicable for the determination of airborne acoustical noise of mains operated and cordless dry vacuum cleaners for household use or under conditions similar to those in households. This part of IEC 60704 does not apply to vacuum cleaners for industrial or professional purposes. This edition includes the following significant technical changes with respect to the previous edition: a) product scope is extended to cordless and similar vacuum cleaners; b) definitions of "cleaning head", "active nozzle" and "standard Wilton test carpet" have been added; c) specification of standard Wilton test carpet has been removed; reference is made to IEC/TS 62885-1; d) specific requirements on equipping and pre-conditioning have been added; e) topic ageing of test carpet is addressed. This Part 2-1 supplements or modifies the corresponding clauses in IEC 60704-1:2010.

Keel: en
Alusdokumendid: EN IEC 60704-2-1:2020; IEC 60704-2-1:2020
Asendab dokumenti: EVS-EN 60704-2-1:2015

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

CEN ISO/TS 80004-3:2014
Nanotehnoloogiad. Sõnavara. Osa 3: Süsinik-nanoobjektid
Nanotechnologies - Vocabulary - Part 3: Carbon nano-objects (ISO/TS 80004-3:2010)

Keel: en, et
Alusdokumendid: ISO/TS 80004-3:2010; CEN ISO/TS 80004-3:2014
Asendatud järgmise dokumendiga: CEN ISO/TS 80004-3:2020
Standardi staatus: Kehtetu

CEN ISO/TS 80004-8:2015
Nanotehnoloogiad. Sõnastik. Osa 8: Nanotootmisprotsessid
Nanotechnologies - Vocabulary - Part 8: Nanomanufacturing processes (ISO/TS 80004-8:2013)

Keel: en, et
Alusdokumendid: ISO/TS 80004-8:2013; CEN ISO/TS 80004-8:2015
Asendatud järgmise dokumendiga: CEN ISO/TS 80004-8:2020
Standardi staatus: Kehtetu

EVS-EN 15357:2011
Solid recovered fuels - Terminology, definitions and descriptions

Keel: en
Alusdokumendid: EN 15357:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 21637:2020
Standardi staatus: Kehtetu

EVS-ISO 4225:2006
Õhu kvaliteet. Üldosa. Sõnastik (ISO 4225:1994)
Air quality - General aspects – Vocabulary (ISO 4225:1994)

Keel: et-en
Alusdokumendid: ISO 4225:1994
Standardi staatus: Kehtetu

07 LOODUS- JA RAKENDUSTEADUSED

CEN ISO/TS 80004-3:2014
Nanotehnoloogiad. Sõnavara. Osa 3: Süsinik-nanoobjektid
Nanotechnologies - Vocabulary - Part 3: Carbon nano-objects (ISO/TS 80004-3:2010)

Keel: en, et
Alusdokumendid: ISO/TS 80004-3:2010; CEN ISO/TS 80004-3:2014
Asendatud järgmise dokumendiga: CEN ISO/TS 80004-3:2020
Standardi staatus: Kehtetu

CEN ISO/TS 80004-8:2015
Nanotehnoloogiad. Sõnastik. Osa 8: Nanotootmisprotsessid
Nanotechnologies - Vocabulary - Part 8: Nanomanufacturing processes (ISO/TS 80004-8:2013)

Keel: en, et
Alusdokumendid: ISO/TS 80004-8:2013; CEN ISO/TS 80004-8:2015
Asendatud järgmise dokumendiga: CEN ISO/TS 80004-8:2020
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN ISO 10993-1:2009/AC:2010
Biological evaluation of medical devices - Part 1: Evaluation and testing within a risk management process - Technical Corrigendum 1

Keel: en
Alusdokumendid: ISO 10993-1:2009/Cor 1:2010; EN ISO 10993-1:2009/AC:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 10993-1:2020
Standardi staatus: Kehtetu

EVS-EN ISO 10993-1:2011
Biological evaluation of medical devices - Part 1: Evaluation and testing within a risk management process (ISO 10993-1:2009)

Keel: en
Alusdokumendid: ISO 10993-1:2009; EN ISO 10993-1:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 10993-1:2020
Parandatud järgmise dokumendiga: EVS-EN ISO 10993-1:2009/AC:2010
Standardi staatus: Kehtetu

EVS-EN ISO 22442-1:2015
Meditsiiniseadmed, mis kasutavad loomseid kudesid ja nende derivaate. Osa 1: Riskijuhtimise rakendamine
Medical devices utilizing animal tissues and their derivatives - Part 1: Application of risk management (ISO 22442-1:2015)

Keel: en
Alusdokumendid: ISO 22442-1:2015; EN ISO 22442-1:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 22442-1:2020
Standardi staatus: Kehtetu

EVS-EN ISO 22442-2:2015
Meditsiiniseadmed, mis kasutavad loomseid kudesid ja nende derivaate. Osa 2: Hankimise, kogumise ja käitluse ohje
Medical devices utilizing animal tissues and their derivatives - Part 2: Controls on sourcing, collection and handling (ISO 22442-2:2015)

Keel: en
Alusdokumendid: ISO 22442-2:2015; EN ISO 22442-2:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 22442-2:2020
Standardi staatus: Kehtetu

EVS-ISO 15190:2007
Meditsiinilaborid. Ohutusnõuded
Medical laboratories - Requirements for safety.

Keel: en
Alusdokumendid: ISO 15190:2003
Asendatud järgmise dokumendiga: EVS-ISO 15190:2020
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TS 16800:2015
Guideline for the validation of physico-chemical analytical methods

Keel: en
Alusdokumendid: CEN/TS 16800:2015
Asendatud järgmise dokumendiga: CEN/TS 16800:2020
Standardi staatus: Kehtetu

EVS-EN 15188:2007
Ladestunud tolmu iseenesliku süttmiskäitumise määramine
Determination of the spontaneous ignition behaviour of dust accumulations

Keel: en
Alusdokumendid: EN 15188:2007
Asendatud järgmise dokumendiga: EVS-EN 15188:2020
Standardi staatus: Kehtetu

EVS-ISO 4225:2006
Õhu kvaliteet. Üldosa. Sõnastik (ISO 4225:1994)
Air quality - General aspects – Vocabulary (ISO 4225:1994)

Keel: et-en
Alusdokumendid: ISO 4225:1994
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 60704-2-1:2015

Majapidamis- ja muud taolised elektriseadmed. Katsenormid õhumüra määramiseks. Osa 2-1: Erinõuded tolmuimejatele
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-1: Particular requirements for vacuum cleaners

Keel: en
Alusdokumendid: EN 60704-2-1:2015; IEC 60704-2-1:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 60704-2-1:2020
Standardi staatus: Kehtetu

EVS-EN ISO 2922:2001

Acoustics - Measurement of airborne sound emitted by vessels on inland waterways and harbours

Keel: en
Alusdokumendid: ISO 2922:2000; EN ISO 2922:2000
Asendatud järgmise dokumendiga: EVS-EN ISO 2922:2020
Muudetud järgmise dokumendiga: EVS-EN ISO 2922:2001/A1:2013
Standardi staatus: Kehtetu

EVS-EN ISO 2922:2001/A1:2013

Acoustics - Measurement of airborne sound emitted by vessels on inland waterways and harbours (ISO 2922:2000/Amd 1:2013)

Keel: en
Alusdokumendid: ISO 2922:2000/Amd 1:2013; EN ISO 2922:2000/A1:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 2922:2020
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 12493:2013+A2:2018

LPG equipment and accessories - Welded steel pressure vessels for LPG road tankers - Design and manufacture

Keel: en
Alusdokumendid: EN 12493:2013+A2:2018
Asendatud järgmise dokumendiga: EVS-EN 12493:2020
Standardi staatus: Kehtetu

EVS-EN 13953:2015

LPG equipment and accessories - Pressure relief valves for transportable refillable cylinders for Liquefied Petroleum Gas (LPG)

Keel: en
Alusdokumendid: EN 13953:2015
Asendatud järgmise dokumendiga: EVS-EN 13953:2020
Standardi staatus: Kehtetu

EVS-EN ISO 27509:2012

Petroleum and natural gas industries - Compact flanged connections with IX seal ring (ISO 27509:2012)

Keel: en
Alusdokumendid: ISO 27509:2012; EN ISO 27509:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 27509:2020
Parandatud järgmise dokumendiga: EVS-EN ISO 27509:2012/AC:2013
Standardi staatus: Kehtetu

EVS-EN ISO 27509:2012/AC:2013

Petroleum and natural gas industries - Compact flanged connections with IX seal ring - Technical Corrigendum 1 (ISO 27509:2012/Cor 1:2013)

Keel: en
Alusdokumendid: ISO 27509:2012/Cor 1:2013; EN ISO 27509:2012/AC:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 27509:2020
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN ISO 8501-4:2008
Preparation of steel substrates before application of paints andrelated products - Visual assessment of surface cleanliness - Part 4: Initial surface conditions, preparation grades and flashrust grades in connection with high-pressure water jetting

Keel: en
Alusdokumendid: ISO 8501-4:2006; EN ISO 8501-4:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 8501-4:2020
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 60384-13:2012
Fixed capacitors for use in electronic equipment - Part 13: Sectional specification - Fixed polypropylene film dielectric metal foil d.c. capacitors

Keel: en
Alusdokumendid: IEC 60384-13:2011; EN 60384-13:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 60384-13:2020
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 61000-4-3:2006
Elektromagnetiline ühilduvus. Osa 4-3: Katsetus- ja mõõtetehnika. Häiringukindluskatsetus kiirgunud raadiosagedusliku elektromagnetvälja korral
Electromagnetic compatibility (EMC) Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test

Keel: en
Alusdokumendid: IEC 61000-4-3:2006; EN 61000-4-3:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 61000-4-3:2020
Muudetud järgmise dokumendiga: EVS-EN 61000-4-3:2006/A1:2008
Muudetud järgmise dokumendiga: EVS-EN 61000-4-3:2006/A2:2010
Parandatud järgmise dokumendiga: EVS-EN 61000-4-3:2006/IS1:2009
Standardi staatus: Kehtetu

EVS-EN 61000-4-3:2006/A1:2008
Elektromagnetiline ühilduvus. Osa 4-3: Katsetus- ja mõõtetehnika. Häiringukindluskatsetus kiirgunud raadiosagedusliku elektromagnetvälja korral
Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test

Keel: en
Alusdokumendid: IEC 61000-4-3:2006/A1:2007; EN 61000-4-3:2006/A1:2008
Asendatud järgmise dokumendiga: EVS-EN IEC 61000-4-3:2020
Standardi staatus: Kehtetu

EVS-EN 61000-4-3:2006/A2:2010
Elektromagnetiline ühilduvus. Osa 4-3: Katsetus- ja mõõtetehnika. Häiringukindluskatsetus kiirgunud raadiosagedusliku elektromagnetvälja korral
Electromagnetic compatibility (EMC) Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test

Keel: en
Alusdokumendid: IEC 61000-4-3:2006/A2:2010; EN 61000-4-3:2006/A2:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 61000-4-3:2020
Standardi staatus: Kehtetu

EVS-EN 61000-4-3:2006/IS1:2009
Interpretation of Clause 5 of EN 61000-4-3:2002

Keel: en
Alusdokumendid: EN 61000-4-3:2006/IS1:2009
Asendatud järgmise dokumendiga: EVS-EN IEC 61000-4-3:2020
Standardi staatus: Kehtetu

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN 13155:2003+A2:2009
Kraanad. Ohutus. Kinnituseta koormuse tõstmise vahendid KONSOLIDEERITUD TEKST
Cranes - Safety - Part 1: Non-fixed load lifting attachments CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 13155:2003+A2:2009
Asendatud järgmise dokumendiga: EVS-EN 13155:2020
Standardi staatus: Kehtetu

EVS-EN 13586:2004+A1:2008
Kraanad. Juurdepääs KONSOLIDEERITUD TEKST
Cranes - Access CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 13586:2004+A1:2008
Asendatud järgmise dokumendiga: EVS-EN 13586:2020
Standardi staatus: Kehtetu

EVS-EN 15011:2011+A1:2014
Kraanad. Sild- ja pukk-kraanad
Cranes - Bridge and gantry cranes

Keel: en
Alusdokumendid: EN 15011:2011+A1:2014
Asendatud järgmise dokumendiga: EVS-EN 15011:2020
Standardi staatus: Kehtetu

EVS-EN 16851:2017
Cranes - Light crane systems

Keel: en
Alusdokumendid: EN 16851:2017
Asendatud järgmise dokumendiga: EVS-EN 16851:2017+A1:2020
Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

CEN/TR 16298:2011
Textiles and textile products - Smart textiles - Definitions, categorisation, applications and standardization needs

Keel: en
Alusdokumendid: CEN/TR 16298:2011
Asendatud järgmise dokumendiga: CEN ISO/TR 23383:2020
Standardi staatus: Kehtetu

EVS-EN ISO 1833-3:2019
Textiles - Quantitative chemical analysis - Part 3: Mixtures of acetate with certain other fibres (method using acetone) (ISO 1833-3:2019)

Keel: en
Alusdokumendid: ISO 1833-3:2019; EN ISO 1833-3:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 1833-3:2020
Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 1672-2:2005+A1:2009
Toidutöötlemismasinad. Põhimõisted. Osa 2: Hügieeninõuded KONSOLIDEERITUD TEKST
Food processing machinery - Basic concepts - Part 2: Hygiene requirements CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 1672-2:2005+A1:2009
Asendatud järgmise dokumendiga: EVS-EN 1672-2:2020
Standardi staatus: Kehtetu

71 KEEMILINE TEHNOLOOGIA

EVS-EN 113:2000

Puidukaitsevahendid. Katsemeetod kaitsevõime määramiseks puitu kahjustavate kandseente (basidomycetes) eest. Toksiliste omaduste määramine
Wood preservatives - Test method for determining the protective effectiveness against wood destroying basidiomycetes - Determination of the toxic values

Keel: en
Alusdokumendid: EN 113:1996
Asendatud järgmise dokumendiga: EVS-EN 113-1:2020
Asendatud järgmise dokumendiga: EVS-EN 113-2:2020
Muudetud järgmise dokumendiga: EVS-EN 113:2000/A1:2004
Standardi staatus: Kehtetu

EVS-EN 113:2000/A1:2004

Puidukaitsevahendid. Katsemeetod kaitsevõime määramiseks puitu kahjustavate kandseente (basidomycetes) eest. Toksiliste omaduste määramine
Wood preservatives - Test method for determining the protective effectiveness against wood destroying basidiomycetes - Determination of the toxic values

Keel: en
Alusdokumendid: EN 113:1996/A1:2004
Asendatud järgmise dokumendiga: EVS-EN 113-1:2020
Asendatud järgmise dokumendiga: EVS-EN 113-2:2020
Standardi staatus: Kehtetu

73 MÄENDUS JA MAAVARAD

EVS-EN 1804-1:2001+A1:2010

Maa-aluste kaevanduste masinad. Hüdroenergial töötavate katusetugede ohutusnõuded. Osa 1: Tugiüksused ja üldnõuded KONSOLIDEERITUD TEKST
Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 1: Support units and general requirements CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 1804-1:2001+A1:2010
Asendatud järgmise dokumendiga: EVS-EN 1804-1:2020
Standardi staatus: Kehtetu

EVS-EN 1804-2:2001+A1:2010

Maa-aluste kaevanduste masinad. Hüdroenergial töötavate katusetugede ohutusnõuded. Osa 2: Jõuseadme jalad ja rammid KONSOLIDEERITUD TEKST
Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 2: Power set legs and rams CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 1804-2:2001+A1:2010
Asendatud järgmise dokumendiga: EVS-EN 1804-2:2020
Standardi staatus: Kehtetu

EVS-EN 1804-3:2006+A1:2010

Maa-aluste kaevanduste masinad. Hüdroenergial töötavate katusetugede ohutusnõuded. Osa 3: Hüdraulilised juhtsüsteemid KONSOLIDEERITUD TEKST
Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 3: Hydraulic control systems CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 1804-3:2006+A1:2010
Asendatud järgmise dokumendiga: EVS-EN 1804-3:2020
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 15199-1:2006

Petroleum products - Determination of boiling range distribution by gas chromatography method - Part 1: Middle distillates and lubricating base oils

Keel: en

Alusdokumendid: EN 15199-1:2006
Asendatud järgmise dokumendiga: EVS-EN 15199-1:2020
Standardi staatus: Kehtetu

EVS-EN 15199-2:2006
Petroleum products - Determination of boiling range distribution by gas chromatography method - Part 2: Heavy distillates and residual fuels

Keel: en
Alusdokumendid: EN 15199-2:2006
Asendatud järgmise dokumendiga: EVS-EN 15199-2:2020
Standardi staatus: Kehtetu

EVS-EN 15199-3:2008
Petroleum products - Determination of boiling range distribution by gas chromatography method - Part 3: Crude oil

Keel: en
Alusdokumendid: EN 15199-3:2008
Asendatud järgmise dokumendiga: EVS-EN 15199-3:2020
Standardi staatus: Kehtetu

EVS-EN 15357:2011
Solid recovered fuels - Terminology, definitions and descriptions

Keel: en
Alusdokumendid: EN 15357:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 21637:2020
Standardi staatus: Kehtetu

EVS-EN 15407:2011
Solid recovered fuels - Method for the determination of carbon (C), hydrogen (H) and nitrogen (N) content

Keel: en
Alusdokumendid: EN 15407:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 21663:2020
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 12385-3:2004+A1:2008
Terastraadist trossid. Ohutus. Osa 3: Kasutus- ja hooldusinformatsioon KONSOLIDEERITUD TEKST
Steel wire ropes - Safety - Part 3: Information for use and maintenance CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 12385-3:2004+A1:2008
Asendatud järgmise dokumendiga: EVS-EN 12385-3:2020
Standardi staatus: Kehtetu

EVS-EN ISO 18086:2017
Corrosion of metals and alloys - Determination of AC corrosion - Protection criteria (ISO 18086:2015)

Keel: en
Alusdokumendid: ISO 18086:2015; EN ISO 18086:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 18086:2020
Standardi staatus: Kehtetu

79 PUIDUTEHNOLOOGIA

CEN/TS 15083-1:2005
Durability of wood and wood-based products - Determination of the natural durability of solid wood against wood-destroying fungi, test methods - Part 1: Basidiomycetes

Keel: en
Alusdokumendid: CEN/TS 15083-1:2005
Asendatud järgmise dokumendiga: EVS-EN 113-2:2020
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 14259:2004
Adhesives for floor coverings - Requirements

Keel: en
Alusdokumendid: EN 14259:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 22636:2020
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 12604:2017
Tööstus-, kommerts- ning garaažiuksed ja -väravad. Mehaanilised aspektid. Nõuded ja katsemeetodid
Industrial, commercial and garage doors and gates - Mechanical aspects - Requirements and test methods

Keel: en, et
Alusdokumendid: EN 12604:2017
Asendatud järgmise dokumendiga: EVS-EN 12604:2017+A1:2020
Standardi staatus: Kehtetu

93 RAJATISED

EVS-EN 15746-2:2010+A1:2011
Raudteealased rakendused. Rööbastee. Maanteel ja rööbastel liikuvad masinad ning sidusseadmed. Osa 2: Üldised ohutusnõuded KONSOLIDEERITUD TEKST
Railway applications - Track - Road-rail machines and associated equipment - Part 2: General safety requirements CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 15746-2:2010+A1:2011
Asendatud järgmise dokumendiga: EVS-EN 15746-2:2020
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

CEN/TR 15071:2015
Mänguasjade ohutus. Rahvuslikud tõlked hoiatustele ja kasutusjuhistele standardisarjas EN 71
Safety of toys - National translations of warnings and instructions for use in the EN 71 series

Keel: en
Alusdokumendid: CEN/TR 15071:2015
Asendatud järgmise dokumendiga: CEN/TR 15071:2020
Standardi staatus: Kehtetu

EVS-EN 60704-2-1:2015
Majapidamis- ja muud taolised elektriseadmed. Katsenormid õhumüra määramiseks. Osa 2-1: Erinõuded tolmuimejatele
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-1: Particular requirements for vacuum cleaners

Keel: en
Alusdokumendid: EN 60704-2-1:2015; IEC 60704-2-1:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 60704-2-1:2020
Standardi staatus: Kehtetu

EVS-EN 71-4:2013
Mänguasjade ohutus. Osa 4: Katsekomplektid keemiakatseteks ja samalaadseks tegevuseks
Safety of toys - Part 4: Experimental sets for chemistry and related activities

Keel: en, et
Alusdokumendid: EN 71-4:2013
Asendatud järgmise dokumendiga: EVS-EN 71-4:2020
Parandatud järgmise dokumendiga: EVS-EN 71-4:2013/AC:2020
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

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

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

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

Kavanditega saab tutvuda ja kommentaare esitada Standardikeskuse veebilehel asuvas kommenteerimisportaalis:
https://www.evs.ee/kommenteerimisportaal/

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEN 1001
Durability of wood and wood-based products - Terminology

This document provides the basis for selecting the preferred equivalent terms for the drafting of future European standards and other documents on natural or conferred durability of wood and wood based products.

Keel: en
Alusdokumendid: prEN 1001
Asendab dokumenti: EVS-EN 1001-1:2005
Asendab dokumenti: EVS-EN 1001-2:2005

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 19223
Lung ventilators and related equipment - Vocabulary and semantics (ISO 19223:2019)

This document establishes a vocabulary of terms and semantics for all fields of respiratory care involving mechanical ventilation, such as intensive-care ventilation, anaesthesia ventilation, emergency and transport ventilation and home-care ventilation, including sleep-apnoea breathing-therapy equipment. It is applicable — in lung ventilator and breathing-therapy device standards, — in health informatics standards, — for labelling on medical electrical equipment and medical electrical systems, — in medical electrical equipment and medical electrical system instructions for use and accompanying documents, — for medical electrical equipment and medical electrical systems interoperability, and — in electronic health records. This document is also applicable to those accessories intended by their manufacturer to be connected to a ventilator breathing system or to a ventilator, where the characteristics of those accessories can affect the basic safety or essential performance of the ventilator and ventilator breathing system. NOTE This document can also be used for other applications relating to lung ventilation, including non-electrical devices and equipment, research, description of critical events, forensic analysis and adverse event (vigilance) reporting systems. This document does not specify terms specific to breathing-therapy equipment, or to physiologic closed-loop ventilation, high-frequency ventilation or negative-pressure ventilation; nor to respiratory support using liquid ventilation or extra-corporeal gas exchange, or oxygen, except where it has been considered necessary to establish boundaries between bordering concepts.

Keel: en
Alusdokumendid: ISO 19223:2019; prEN ISO 19223

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 4063
Welding, brazing, soldering, cutting, mechanical joining and adhesive bonding - Nomenclature of processes and reference numbers (ISO/DIS 4063:2020)

This International Standard establishes a nomenclature for — welding; — brazing, soldering and weld brazing; — thermal cutting; — mechanical joining; — adhesive bonding; with each process identified by a reference number. This document is applicable for all materials where the joining processes are appropriate. NOTE In addition to terms in English and French, two of the three official ISO languages, this International Standard gives the equivalent terms in German; these are published under the responsibility of the member body for Germany (DIN). However, only the terms given in the official languages can be considered as ISO terms.

Keel: en
Alusdokumendid: ISO/DIS 4063; prEN ISO 4063

Asendab dokumenti: EVS-EN ISO 4063:2009

Arvamusküsitluse lõppkuupäev: 28.02.2021

11 TERVISEHOOLDUS

prEN ISO 15798

Ophthalmic implants - Ophthalmic viscosurgical devices (ISO/DIS 15798:2020)

This document is applicable to ophthalmic viscosurgical devices (OVDs), a class of surgical invasive medical devices with viscous and/or viscoelastic properties, intended for use during surgery in the anterior segment of the human eye. OVDs are designed to create and maintain space, to protect intraocular tissues and to manipulate tissues during surgery. This document specifies requirements with regard to safety for the intended performance, design attributes, preclinical and clinical evaluation, sterilization, product packaging, product labelling and information supplied by the manufacturer of these devices.

Keel: en
Alusdokumendid: ISO/DIS 15798; prEN ISO 15798
Asendab dokumenti: EVS-EN ISO 15798:2013
Asendab dokumenti: EVS-EN ISO 15798:2013/A1:2017

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 19223

Lung ventilators and related equipment - Vocabulary and semantics (ISO 19223:2019)

This document establishes a vocabulary of terms and semantics for all fields of respiratory care involving mechanical ventilation, such as intensive-care ventilation, anaesthesia ventilation, emergency and transport ventilation and home-care ventilation, including sleep-apnoea breathing-therapy equipment. It is applicable — in lung ventilator and breathing-therapy device standards, — in health informatics standards, — for labelling on medical electrical equipment and medical electrical systems, — in medical electrical equipment and medical electrical system instructions for use and accompanying documents, — for medical electrical equipment and medical electrical systems interoperability, and — in electronic health records. This document is also applicable to those accessories intended by their manufacturer to be connected to a ventilator breathing system or to a ventilator, where the characteristics of those accessories can affect the basic safety or essential performance of the ventilator and ventilator breathing system. NOTE This document can also be used for other applications relating to lung ventilation, including non-electrical devices and equipment, research, description of critical events, forensic analysis and adverse event (vigilance) reporting systems. This document does not specify terms specific to breathing-therapy equipment, or to physiologic closed-loop ventilation, high-frequency ventilation or negative-pressure ventilation; nor to respiratory support using liquid ventilation or extra-corporeal gas exchange, or oxygen, except where it has been considered necessary to establish boundaries between bordering concepts.

Keel: en
Alusdokumendid: ISO 19223:2019; prEN ISO 19223

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 21801-1

Cognitive accessibility - Part 1: General guidelines (ISO 21801-1:2020)

This document presents guidelines for the design and development of cognitively accessible systems, including products and services and built environments. This document is relevant to mainstream systems as well as those designed specifically for people with disability. Within the broad field of accessibility, this document is limited to guidance related to cognitive accessibility. NOTE 1 It acknowledges, however, that diverse sensory perceptions can impact cognitive accessibility. NOTE 2 While the following guidance in this document can benefit all users, it is included here because failure to follow it could lead to barriers that would prevent some potential users from being able to use the system at all. This document is relevant to all types of systems. However, some particular recommendations can only be followed for some types of systems: — Some of the guidance is relevant to a fixed system (e.g. a non-computerized consumer product or a user manual); — Some of the guidance applies to systems containing some level of computer-based processing (e.g. a microwave oven or an ICT-system); — Some of the guidance applies to systems that use advanced computer processing that supports individualization (e.g. an application in a smart phone); — Some guidance applies to combinations of the above.

Keel: en
Alusdokumendid: ISO 21801-1:2020; prEN ISO 21801-1

Arvamusküsitluse lõppkuupäev: 28.02.2021

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN 50131-6:2017/prA1

Alarm systems - Intrusion and hold-up systems - Part 6: Power supplies

This European Standard specifies the requirements, performance criteria and testing procedures for PS to be used as part of Intrusion and Hold up Alarm Systems. The PS will either be an integral part of an I&HAS component or stand-alone. The control functions of the PS may be incorporated as part of the PS device, or may be provided by another I&HAS component, e.g. a CIE. This European Standard is not applicable when the PS requirements for I&HAS components are included within the relevant product standard. The requirements correspond to each of the four security grades given in the European Standard EN 50131 1, Alarm Systems – Intrusion and Hold-Up Systems - Part 1: System requirements. Requirements are also given for four environmental classes covering applications in indoor and outdoor locations. This standard covers: a) mandatory functions which will be provided on all PS; and b) optional functions which may be provided. This European Standard does not deal with

requirements for compliance with EC regulatory Directives, such as the EMC Directive, Low Voltage Directive, etc. except that it specifies the equipment operating conditions and reduced functional test for EMC susceptibility testing as required by EN 50130 4. Other functions associated with I&HAS not specified in this standard may be provided. Such functions will not affect the requirements of any mandatory or optional functions.

Keel: en
Alusdokumendid: EN 50131-6:2017/prA1
Muudab dokumenti: EVS-EN 50131-6:2017

Arvamusküsitluse lõppkuupäev: 28.02.2021

EN 60335-2-61:2003/prA12:2020

Household and similar electrical appliances - Safety - Part 2-61: Particular requirements for thermal-storage room heaters

This European Standard deals with the safety of electric thermal-storage room heaters intended to heat the room in which they are located, their rated voltage being not more than 250 V for single phase and 480 V for other appliances.

Keel: en
Alusdokumendid: EN 60335-2-61:2003/prA12:2020
Asendab dokumenti: EVS-EN 60335-2-61:2003/A11:2019
Muudab dokumenti: EVS-EN 60335-2-61:2003

Arvamusküsitluse lõppkuupäev: 28.02.2021

EN ISO 15384:2020/prA1

Protective clothing for firefighters - Laboratory test methods and performance requirements for wildland firefighting clothing - Amendment 1 (ISO 15384:2018/DAM 1:2020)

Amendment to EN ISO 15384:2020

Keel: en
Alusdokumendid: ISO 15384:2018/DAmd 1; EN ISO 15384:2020/prA1
Muudab dokumenti: EVS-EN ISO 15384:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN 15522-1

Oil spill identification - Petroleum and petroleum related products - Part 1: Sampling

EN 15522-1 provides guidance on taking and handling samples, that are collected as part of an investigation into the likely source of a crude oil or petroleum product spill into a marine or aquatic environment. Guidance is given on taking samples from both the spill and its potential source. Mostly, oil sampling is part of legal procedures and has to be treated like any other preservation of evidence (legal sampling). If samples are to be used in connection with legal proceedings, this document should be read in conjunction with any documents issued by the regulatory authorities in the country or countries in question where the spill has occurred. Taking samples may involve hazardous materials, operations and equipment. This document is not intended to address all the safety and health aspects associated with the guidance given. It is the responsibility of the user to consult and establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use. Note: Most countries have special trained teams to take samples on board of ships. As police officer or law enforcer don’t take unnecessary risks and ask assistance from such a team when available. For the sake of clarity, the word ‘oil’ is used throughout this document. It can equally refer to crude oil, a petroleum product or mixtures of such.

Keel: en
Alusdokumendid: prEN 15522-1
Asendab dokumenti: CEN/TR 15522-1:2006

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN 15522-2

Oil spill identification - Waterborne petroleum and petroleum products - Part 2: Analytical methodology and interpretation of results based on GC-FID and GC-MS low resolution analyses

This document describes a method to firstly identify the specific nature of oils spilled in the environment and secondly compare the chemical composition of spilled oil or oily samples with that of suspected sources. Specifically, the document describes the detailed analytical methods and data processing specifications for identifying the specific nature of oil spills and establishing their correlation to suspected sources. Even when samples or data from suspected sources are not available for comparison, establishing the specific nature (e.g. refined petroleum, crude oil, waste oil, etc.) of the spilled oil may still help constrain the possible source(s) of the spilled oil. This methodology is restricted to petroleum related products containing a significant proportion of hydrocarboncomponents with a boiling point above 150°C. Examples are: crude oils, higher boiling condensates, diesel oils, residual bunker or heavy fuel oils, lubricants, and mixtures of bilge and sludge samples, as well as distillate fuels and blends. While the specific analytical methods may not be appropriate for lower boiling oils (e.g. kerosenes, jet fuels, or gasoline), the general concepts described in this methodology, i.e. statistical comparison of weatheringresistant diagnostic ratios, may have applicability in spills involving lower boiling oils. Paraffin as petroleum product (for candles, etc.) is outside the scope of this method, because too many compounds have been removed during the production process. Still the method can be used to analyse the type of product involved.

Keel: en
Alusdokumendid: prEN 15522-2

Asendab dokumenti: CEN/TR 15522-2:2012

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 10304-4

Water quality - Determination of dissolved anions by liquid chromatography of ions - Part 4: Determination of chlorate, chloride and chlorite in water with low contamination (ISO/DIS 10304-4:2020)

This document specifies a method for the determination of the dissolved anions chlorate, chloride, and chlorite in water with low contamination (e.g. drinking water, raw water or swimming pool water). An appropriate pretreatment of the sample (e.g. dilution) and the use of a conductivity detector (CD), UV detector (UV) or amperometric detector (AD) make the working ranges given in Table 1 feasible.

Keel: en
Alusdokumendid: ISO/DIS 10304-4; prEN ISO 10304-4
Asendab dokumenti: EVS-EN ISO 10304-4:2001

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 23266

Soil quality - Test for measuring the inhibition of reproduction in oribatid mites (Oppia nitens) exposed to contaminants in soil (ISO 23266:2020)

This document specifies one of the methods for evaluating the habitat function of soils and determining effects of soil contaminants and individual chemical substances on the reproduction of the oribatid mite Oppia nitens by dermal and alimentary uptake. This chronic (28-day) test is applicable to soils and soil materials of unknown quality (e.g., contaminated sites, amended soils, soils after remediation, agricultural or other sites under concern and waste materials). This method is not intended to replace the earthworm or Collembola tests since it represents another taxonomic group (= mites; i.e., arachnids), nor the predatory mite test since this species represents a different trophic level and ecological niche. Effects of substances are assessed using standard soil, preferably a defined artificial soil substrate. For contaminated soils, the effects are determined in the test soil and in a control soil. According to the objective of the study, the control and dilution substrate (dilution series of contaminated soil) should be either an uncontaminated soil with similar properties to the soil sample to be tested (reference soil) or a standard soil (e.g., artificial soil). Information is provided on how to use this method for testing substances under temperate conditions. This document is not applicable to substances for which the air/soil partition coefficient is greater than 1, or to substances with vapour pressure exceeding 300 Pa at 25 °C. NOTE The stability of the test substance cannot be assured over the test period. No provision is made in the test method for monitoring the persistence of the substance under test.

Keel: en
Alusdokumendid: ISO 23266:2020; prEN ISO 23266

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 8253-3

Acoustics - Audiometric test methods - Part 3: Speech audiometry (ISO/DIS 8253-3:2020)

This document specifies basic methods for speech recognition tests for audiological applications. NOTE Examples of speech materials are given in Annex A. In order to ensure minimum requirements of precision and comparability between different test procedures including speech recognition tests in different languages, this document specifies requirements for the composition, validation and evaluation of speech test materials, and the realization of speech recognition tests. This document does not specify the contents of the speech material because of the variety of languages. Furthermore, this document also specifies the determination of reference values and requirements for the realization and manner of presentation. In addition, there are features of speech tests described which are important to be specified, but which are not understood as a requirement. This document specifies procedures and requirements for speech audiometry with the recorded test material being presented by an audiometer through a transducer, e.g. an earphone, bone vibrator, or loudspeaker arrangement for sound field audiometry. Methods for using noise either for masking the non-test ear or as a competing sound are described. Some test subjects, for example children, can require modified test procedures not specified in this document. Specialized tests, such as those used for evaluating directional hearing and dichotic hearing, are outside the scope of this document.

Keel: en
Alusdokumendid: ISO/DIS 8253-3; prEN ISO 8253-3
Asendab dokumenti: EVS-EN ISO 8253-3:2012

Arvamusküsitluse lõppkuupäev: 28.02.2021

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EN IEC 60404-6:2018/prA1:2020

Magnetic materials - Part 6: Methods of measurement of the magnetic properties of magnetically soft metallic and powder materials at frequencies in the range 20 Hz to 100 kHz by the use of ring specimens

Amendment to EN IEC 60404-6:2018

Keel: en
Alusdokumendid: IEC 60404-6:2018/A1:202X; EN IEC 60404-6:2018/prA1:2020
Muudab dokumenti: EVS-EN IEC 60404-6:2018

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN IEC 60751:2020
Industrial platinum resistance thermometers and platinum temperature sensors

This standard specifies the requirements and resistance versus temperature relationship for industrial platinum resistance thermometers later referred to as "thermometers" and industrial platinum resistance temperature sensors later referred to as “platinum resistors” whose electrical resistance is derived by defined function of temperature. The standard applies to platinum resistors whose temperature coefficient α is conventionally written as α = 3,851·10-3 °C-1. Values of temperature in this standard are in terms of the International Temperature Scale of 1990, ITS-90. Temperatures in degrees Celsius are denoted by the symbol t, except in Table A.1 where the full nomenclature t90/°C is used. The standard covers platinum resistors or thermometers for all or part of the temperature range -200 °C to +850 °C with different tolerance classes, which may cover restricted temperature ranges. For temperature/resistance relationships with uncertainties less than 0,1 °C, which are possible only for platinum resistors or thermometers with exceptionally high stability and individual calibration, a more complex interpolation equation than is presented in this standard may be necessary. The specification of such equations is outside the scope of this standard. In order for a thermometer to be compliant with this standard it shall be made from a platinum resistor which is compliant with this standard.

Keel: en
Alusdokumendid: IEC 60751:202X; prEN IEC 60751:2020
Asendab dokumenti: EVS-EN 60751:2008

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN IEC 61557-17:2020
Electrical safety in low voltage distribution systems up to 1000V AC AND 1500V DC-equipment for testing - Measuring and monitoring of protective measures - Part 17: Non contact voltage indicators - Part 17: Non contact voltage indicators

This part of IEC 61557 defines minimum performance requirements for non-contact AC voltage indicators to reduce the risk of electric shock caused by the wrong interpretation of the indication for the testing person and bystanders. Products designed and manufactured in accordance with this standard are for use by (electrically) skilled persons only. Non-contact AC voltage indicators are not designed for testing the absence of the operating voltage.

Keel: en
Alusdokumendid: IEC 61557-17:202X; prEN IEC 61557-17:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN 1439
LPG equipment and accessories - Procedure for checking transportable refillable LPG cylinders before, during and after filling

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

Keel: en
Alusdokumendid: prEN 1439
Asendab dokumenti: EVS-EN 1439:2017

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 11114-2
Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 2: Non-metallic materials (ISO/DIS 11114-2:2020)

This document gives guidance in the selection and evaluation of compatibility between non-metallic materials for gas cylinders and valves and the gas contents. It also covers bundles, tubes and pressure drums. This document can be helpful for composite and laminated materials used for gas cylinders. It does not cover the subject completely and is intended to give guidance only in evaluating the compatibility of gas/material combinations. Only the influence of the gas in changing the material and mechanical properties is considered (for example chemical reaction or change in physical state). The basic properties of the materials, such as mechanical properties, required for design purposes are normally available from the materials supplier and are not considered in this document. The compatibility data given are related to single component gases but can be used to some extent for gas mixtures. Ceramics, glasses, and adhesives are not covered by this document. Other aspects such as quality of delivered gas are not considered. This document is not intended to be used for cryogenic fluids (see ISO 21010).

Keel: en
Alusdokumendid: prEN ISO 11114-2; ISO/DIS 11114-2:2020
Asendab dokumenti: EVS-EN ISO 11114-2:2013

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 11114-5

Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 5: Test methods for evaluating plastic liners (ISO/DIS 11114-5:2020)

This document specifies the gas compatibility test methods and the evaluation of results from these tests in order to qualify plastic materials suitable for use in the manufacture of composite gas cylinder liners. It may also be used to evaluate the suitability of plastic matrix materials used for Type 5 cylinders

Keel: en
Alusdokumendid: ISO/DIS 11114-5; prEN ISO 11114-5

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 22153

Electric actuators for industrial valves - General requirements (ISO 22153:2020)

This document provides basic requirements for electric valve actuators, used for on-off and control valves. It includes guidelines for classification, design, enclosure and corrosion protection, and methods for conformity assessment. Combinations of electric actuators and gearboxes when supplied by the actuator manufacturer are within the scope of this document. This document does not cover solenoid actuators, electro-hydraulic actuators and electric actuators which are integral to the valves. Other requirements or conditions of use different from those indicated in this document are agreed between the purchaser and the manufacturer/supplier, prior to order.

Keel: en
Alusdokumendid: ISO 22153:2020; prEN ISO 22153
Asendab dokumenti: EVS-EN 15714-2:2009

Arvamusküsitluse lõppkuupäev: 28.02.2021

25 TOOTMISTEHNOLOOGIA

EN ISO 17633:2018/prA1

Welding consumables - Tubular cored electrodes and rods for gas shielded and non-gas shielded metal arc welding of stainless and heat-resisting steels - Classification - Amendment 1 (ISO 17633:2017/DAM 1:2020)

Amendment to EN ISO 17633:2018

Keel: en
Alusdokumendid: ISO 17633:2017/DAmd 1; EN ISO 17633:2018/prA1
Muudab dokumenti: EVS-EN ISO 17633:2018

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 10218-2

Robotics - Safety requirements for robot systems in an industrial environment - Part 2: Robot systems, robot applications and robot cells integration (ISO/DIS 10218-2:2020)

This document specifies requirements for the integration of industrial robot systems, industrial robot applications and industrial robot cells. The following is addressed: - the design, integration, commissioning, operation, maintenance, decommissioning and disposal of the industrial robot system, application or cell; - integration of machines and components to the industrial robot system, application or cell; - information for use for the design, integration, commissioning, operation, maintenance, decommissioning and disposal of the industrial robot system, application or cell. This document is not applicable to the following uses and applications: - underwater; - law enforcement; - military (defence); - airborne and space, including outer space; - medical; - healthcare of a person; - prosthetics and other aids for the physically impaired; - service robots, which provide a service to a person and as such the public can have access; - consumer products, as this is household use to which the public can have access; - lifting or transporting people; - multi-purpose lifting devices or machinery, e.g. cranes, forklift trucks; - mobile platforms; - tele-operated manipulators. NOTE: Applications for the automation of laboratories are not considered as medical or healthcare of a person. This document deals with the significant hazards, hazardous situations or hazardous events when used as intended and under specified conditions of misuse which are reasonably foreseeable by the manufacturer. Robot systems can be used for a broad range of applications and integrated into robot cell(s). Therefore, it is not possible to provide a list of all significant hazards, hazardous situations or events into which a robot and robot application can be integrated. Moreover, same kind of applications can have different levels of risk, resulting from different designs which correspond to the intended application (e.g. paint spraying on large or small parts, handling of a small harmful payload like a hot metal bolt or a large harmless payload like a box of paper tissues). This document also provides basic requirements for industrial robots used in applications as following, but does not cover the entirely the hazards related to: - underground use; - hygienic requirements; - due to the processing of any material, e.g. food, cosmetics, pharmaceutical, metal; - nuclear environments; - potentially explosive environments; - use of robot systems in environments with hazardous ionizing and non-ionizing radiation levels; - hazardous ionizing and non-ionizing radiation; - handling loads the nature of which could lead to dangerous situations (e.g. molten metals, acids/bases, radiating materials); - when the public or non-working adults have access. Acoustic noise has been

identified to be a significant hazard with industrial robot systems and is included in the scope of this document. Other standards can be applicable to associated machinery and equipment in robot applications and robot cells.

Keel: en
Alusdokumendid: prEN ISO 10218-2; ISO/DIS 10218-2
Asendab dokumenti: EVS-EN ISO 10218-2:2011

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 11124-5

Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 5: Steel cut wire shot (ISO 11124-5:2019)

This document specifies technical requirements for steel cut wire shot abrasives in 13 kinds of specifications and grades including hardness, apparent density, defect, metallographic structure and chemical composition. This part is suitable for steel cut wire shot supplied for blast-cleaning processes which is made by cutting cold drawn wire. The requirements specified in this document apply to abrasives supplied in the “new” condition only. They do not apply to abrasives either during or after use. Test methods for metallic blast-cleaning are given in the various parts ISO 11125. Steel cut wire shot is recyclable and reusable abrasives, and it can be applied for both fixed and field spray equipment.

Keel: en
Alusdokumendid: ISO 11124-5:2019; prEN ISO 11124-5

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 3834-2

Quality requirements for fusion welding of metallic materials - Part 2: Comprehensive quality requirements (ISO/FDIS 3834-2:2020)

This document defines comprehensive quality requirements for fusion welding of metallic materials both in workshops and at field installation sites.

Keel: en
Alusdokumendid: ISO/FDIS 3834-2; prEN ISO 3834-2
Asendab dokumenti: EVS-EN ISO 3834-2:2006

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 3834-3

Quality requirements for fusion welding of metallic materials - Part 3: Standard quality requirements (ISO/FDIS 3834-3:2020)

This document defines standard quality requirements for fusion welding of metallic materials both in workshops and at field installation sites.

Keel: en
Alusdokumendid: ISO/FDIS 3834-3; prEN ISO 3834-3
Asendab dokumenti: EVS-EN ISO 3834-3:2006

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 3834-4

Quality requirements for fusion welding of metallic materials - Part 4: Elementary quality requirements (ISO/FDIS 3834-4:2020)

This document defines elementary quality requirements for fusion welding of metallic materials both in workshops and at field installation sites.

Keel: en
Alusdokumendid: ISO/FDIS 3834-4; prEN ISO 3834-4
Asendab dokumenti: EVS-EN ISO 3834-4:2006

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 4063

Welding, brazing, soldering, cutting, mechanical joining and adhesive bonding - Nomenclature of processes and reference numbers (ISO/DIS 4063:2020)

This International Standard establishes a nomenclature for — welding; — brazing, soldering and weld brazing; — thermal cutting; — mechanical joining; — adhesive bonding; with each process identified by a reference number. This document is applicable for all materials where the joining processes are appropriate. NOTE In addition to terms in English and French, two of the three official ISO languages, this International Standard gives the equivalent terms in German; these are published under the responsibility of the member body for Germany (DIN). However, only the terms given in the official languages can be considered as ISO terms.

Keel: en
Alusdokumendid: ISO/DIS 4063; prEN ISO 4063
Asendab dokumenti: EVS-EN ISO 4063:2009

Arvamusküsitluse lõppkuupäev: 28.02.2021

27 ELEKTRI- JA SOOJUSENERGEETIKA

EN IEC 61730-1:2018/prA1:2020

Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction

This part of IEC 61730 specifies and describes the fundamental construction requirements for photovoltaic (PV) modules in order to provide safe electrical and mechanical operation. Specific topics are provided to assess the prevention of electrical shock, fire hazards, and personal injury due to mechanical and environmental stresses. This part of IEC 61730 pertains to the particular requirements of construction. IEC 61730-2 defines the requirements for testing. Modules with modified construction shall be qualified as described in IEC TS 62915. This document lays down requirements for terrestrial PV modules suitable for long-term operation in open-air climates with 98th percentile operating temperatures of 70 °C or less. Recommendations for modules to be used at higher operating temperatures are described in IEC TS 63126. The useful service life of modules so qualified will depend on their design, their environment and the conditions under which they are operated. Therefore, test results should not be construed as a quantitative prediction of module lifetime. This document is intended to apply to all terrestrial flat plate module materials, such as crystalline silicon module types as well as thin-film modules. PV modules covered by this document are limited to a maximum DC system voltage of 1 500 V. This International Standard defines the basic requirements for various applications of PV modules, but it cannot be considered to encompass all national or regional codes. Specific requirements, e.g. for building, marine and vehicle applications, are not covered. This International Standard does not address specific requirements for products that combine a PV module with power conversion equipment, monitoring or control electronics, such as integrated inverters, converters or output disabling functions. While parts of this document may be applicable to flat plate PV modules with internally generated low-level concentration below 3 times, it was not written specifically to address these concerns. This International Standard is designed to coordinate with the test sequences in the IEC 61215 series, so that a single set of samples may be used to perform both the safety and qualification of a PV module design. Additional construction requirements outlined in relevant ISO standards, or the national or local codes which govern the installation and use of these PV modules in their intended locations, should be considered in addition to the requirements contained within this document.

Keel: en
Alusdokumendid: IEC 61730-1:2016/A1:202X; EN IEC 61730-1:2018/prA1:2020
Muudab dokumenti: EVS-EN IEC 61730-1:2018

Arvamusküsitluse lõppkuupäev: 28.02.2021

EN IEC 61730-2:2018/prA1:2020

Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing

The scope of IEC 61730-1 is also applicable to this part of IEC 61730. While IEC 61730-1 outlines the requirements of construction, this part of the document lists the tests a PV module is required to fulfill for safety qualification. IEC 61730-2 is applied for safety qualification only in conjunction with IEC 61730-1. The sequence of tests required in this document may not test for 12 all possible safety aspects associated with the use of PV modules in all possible applications. This document utilizes the best sequence of tests available at the time of its writing. There are some issues - such as the potential danger of electric shock posed by a broken PV module in a high voltage system - that should be addressed by the system design, location, restrictions on access and maintenance procedures. The objective of this document is to provide the testing sequence intended to verify the safety of PV modules whose construction has been assessed by IEC 61730-1. The test sequence and pass criteria are designed to detect the potential breakdown of internal and external components of PV modules that would result in fire, electric shock, and/or personal injury. The standard defines the basic safety test requirements and additional tests that are a function of the PV module end-use applications. Test categories include general inspection, electrical shock hazard, fire hazard, mechanical stress, and environmental stress. The additional testing requirements outlined in relevant ISO documents, or the national or local codes which govern the installation and use of these PV modules in their intended locations, should be considered in addition to the requirements contained within this document.

Keel: en
Alusdokumendid: IEC 61730-2:2016/A1:202X; EN IEC 61730-2:2018/prA1:2020
Muudab dokumenti: EVS-EN IEC 61730-2:2018

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN IEC 62788-2-1:2020

Measurement procedures for materials used in photovoltaic modules - Part 2-1: Polymeric materials - Frontsheet and backsheet - Safety requirements

This document specifies the safety requirements for flexible polymeric frontsheet and backsheet constructions, which are intended for use as relied upon insulation in photovoltaic (PV) modules. In accordance with the corresponding safety requirements in IEC 61730-1 on the PV module level, the test methods and specifications in this document define the specific requirements of the polymeric frontsheet or backsheet constructions on the component level and cover mechanical, electrical, visual and thermal characterization in an unexposed state and/or after ageing. A polymeric frontsheet and backsheet must pass the requirements in this standard for a PV module to pass the design requirements of IEC 61730-1. Compliance with the safety requirements for a frontsheet or backsheet on the component level does not replace the need for a safety qualification of the complete PV module, in which the frontsheet or backsheet is integrated. The appropriate requirements for testing and qualification on the PV module level are defined in IEC 61730-1 (or IEC TS 62915 in case of retesting) and IEC 61215-1, with test methods provided by IEC 61730-2 and IEC 61215-2, respectively.

Keel: en
Alusdokumendid: IEC 62788-2-1:202X; prEN IEC 62788-2-1:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN IEC 63046
Nuclear power plants - Electrical power system - General requirements

See the scope of IEC 63046:2020. Adoption of IEC 63046:2020 is to be done without modification.

Keel: en
Alusdokumendid: prEN IEC 63046; IEC 63046:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN IEC/IEEE 60980-344
Nuclear facilities - Equipment important to safety - Seismic qualification

See the scope of IEC/IEEE 60980-344:2020. Adoption of IEC/IEEE 60980-344:2020 is to be done without modification.

Keel: en
Alusdokumendid: prEN IEC/IEEE 60980-344; IEC/IEEE 60980-344:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

29 ELEKTROTEHNIKA

EN 50318:2018/prAA:2020
Raudteealased rakendused. Vooluvõtusüsteemid. Pantograafi ja kontaktliini vahelise dünaamilise koostoime simulatsiooni kinnitamine
Railway applications - Current collection systems - Validation of simulation of the dynamic interaction between pantograph and overhead contact line

Standardi EN 50318:2018 muudatus

Keel: en
Alusdokumendid: EN 50318:2018/prAA:2020
Muudab dokumenti: EVS-EN 50318:2018

Arvamusküsitluse lõppkuupäev: 28.02.2021

EN 62262:2002/prA1:2020
Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)

Amendment to EN 62262:2002

Keel: en
Alusdokumendid: IEC 62262:2002/A1:202X; EN 62262:2002/prA1:2020
Muudab dokumenti: EVS-EN 62262:2008

Arvamusküsitluse lõppkuupäev: 28.02.2021

EN 62271-1:2017/prA1:2020
High-voltage switchgear and controlgear - Part 1: Common specifications for alternating current switchgear and controlgear

Amendment to EN 62271-1:2017

Keel: en
Alusdokumendid: IEC 62271-1:2017/A1:202X; EN 62271-1:2017/prA1:2020
Muudab dokumenti: EVS-EN 62271-1:2017

Arvamusküsitluse lõppkuupäev: 28.02.2021

EN IEC 60404-6:2018/prA1:2020
Magnetic materials - Part 6: Methods of measurement of the magnetic properties of magnetically soft metallic and powder materials at frequencies in the range 20 Hz to 100 kHz by the use of ring specimens

Amendment to EN IEC 60404-6:2018

Keel: en
Alusdokumendid: IEC 60404-6:2018/A1:202X; EN IEC 60404-6:2018/prA1:2020
Muudab dokumenti: EVS-EN IEC 60404-6:2018

Arvamusküsitluse lõppkuupäev: 28.02.2021

EN IEC 60947-5-2:2020/prAA
Low-voltage switchgear and controlgear - Part 5-2: Control circuit devices and switching elements - Proximity switches

Amendment to EN IEC 60947-5-2:2020

Keel: en
Alusdokumendid: EN IEC 60947-5-2:2020/prAA
Muudab dokumenti: EVS-EN IEC 60947-5-2:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN IEC 60317-84:2020

Specifications for particular types of winding wires – Part 84: Polyesterimide enamelled round copper wire, class 200

This Part of IEC 60317 specifies the requirements of enamelled round copper winding wires of class 200 with a sole coating based on polyesterimide resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements. NOTE A modified resin is a resin that has undergone a chemical change or contains one or more additives to enhance certain performance or application characteristics. The range of nominal conductor diameters covered by this standard is as follows: – Grade 1: 0,018 mm up to and including 3,150 mm; – Grade 2: 0,020 mm up to and including 5,000 mm; – Grade 3: 0,0250 mm up to and including 1,600 mm. The nominal conductor diameters are specified in Clause 4 of IEC 60317-0-1:2013.

Keel: en
Alusdokumendid: IEC 60317-84:202X; prEN IEC 60317-84:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN IEC 62386-150:2020

Digital addressable lighting interface - Part 150: Particular requirements - Auxiliary Power Supply

La présente norme spécifie les exigences minimales d'une alimentation électrique auxiliaire (AUX) qui peut être utilisée pour alimenter une charge, comme un capteur ou un dispositif de communication.

Keel: en
Alusdokumendid: IEC 62386-150:202X; prEN IEC 62386-150:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN IEC 62386-250:2020

Digital addressable lighting interface – Part 250: Particular requirements – Integrated Power Supply (Device Type 49)

This standard specifies the characteristics of a DALI bus power supply integrated in a control gear. This standard builds on the Digital Addressable Lighting Interface as specified in the IEC 62386 series of standards, by adding specific requirements to enable powering of an external device and addressing data exchange.

Keel: en
Alusdokumendid: IEC 62386-250:202X; prEN IEC 62386-250:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN IEC 62386-251:2020

Digital addressable lighting interface – Part 251: Particular requirements – Memory bank 1 extension (Device Type 50)

This standard specifies an extension to memory bank 1 to enable asset management functionality. This standard builds on the Digital Addressable Lighting Interface as specified in the IEC62386 series of standards.

Keel: en
Alusdokumendid: IEC 62386-251:202X; prEN IEC 62386-251:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN IEC 62386-252:2020

Digital addressable lighting interface – Part 252: Particular requirements – Energy Reporting (Device Type 51)

This standard specifies the information related to energy reporting accessible through memory banks in control gear. This standard builds on the Digital Addressable Lighting Interface as specified in the IEC62386 series of standards, by adding specific requirements to address data exchange.

Keel: en
Alusdokumendid: IEC 62386-252:202X; prEN IEC 62386-252:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN IEC 62386-253:2020

Digital addressable lighting interface – Part 253: Particular requirements – Diagnostics and maintenance (Device Type 52)

This standard specifies the information related to diagnostics and maintenance information accessible through memory banks. This standard builds on the Digital Addressable Lighting Interface as specified in the IEC62386 series of standards, by adding specific requirements to address data exchange. The information given for light sources in this standard is specific to LED light sources.

Keel: en
Alusdokumendid: IEC 62386-253:202X; prEN IEC 62386-253:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

31 ELEKTROONIKA

prEN IEC 61249-6-3:2020

Materials for printed boards and other interconnecting structures - Part 6-3: Sectional specification set for reinforcement materials - Specification for finished fabric woven from "E" glass for printed boards

This International Standard covers finished fabrics woven from ''E'' glass electrical grade glass fibre yarns that are intended as a reinforcing material in laminated plastics for electrical and electronic use. All fabrics covered by this specification are plain weave. This specification determines the nomenclature, definitions, general and chemical requirements for the glass, and physical requirements for finished woven glass fibre fabrics. Annex A of this standard provides a style designator for each finished fabric glass style, with specifications on yarn, fabric count, thickness and weight in both SI and US system.

Keel: en
Alusdokumendid: IEC 61249-6-3:202X; prEN IEC 61249-6-3:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN IEC 62435-9:2020

Electronic components - Long-term storage of electronic semiconductor devices - Part 9: Special Cases

This part of IEC 62435 specifies storage practices encompassing silicon and semiconductor device building blocks of all types are integrated together to into products in the form of either packages or boards that can be stored as fully assembled units or partial assemblies. Special attention is given to memories as components and assemblies although methods also apply to heterogeneous components. Guidelines and requirements for customer-supplier interaction are provided to manage the complexity. Local environments for long term storage can be unique to the application or to the type of subassembly being stored for further assembly. Different device types that are integrated into a single package or module can have different storage requirements that should be considered during long term storage. A product can contain a single die or multiple dice (example: a CMOS processor, a GaN radio, sensors and a new type of memory). Each device technology can impose storage requirements. For example: the memory can need to be removed from x-ray or high magnetic field sources and the sensors can be storage in a dark environment or low-pressure environment. Such practice requires good communication interactions and agreements for storage that should account for the possibility and complexity of intermediate assembly of heterogeneous devices. Successful customer supplier interaction involves clear expectations for device provenance, traceability and identification. NOTE In IEC 62435 (all parts), the term "components" is used interchangeably with dice, wafers, passives and packaged devices.

Keel: en
Alusdokumendid: IEC 62435-9:202X; prEN IEC 62435-9:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

33 SIDETEHNIKA

prEN 302 567 V2.2.0

Raadiosagedusalas 60 GHz töötavad multi-gigabit/s raadioseadmed; Raadiospektrile juurdepääsu harmoneeritud standard
Multiple-Gigabit/s radio equipment operating in the 60 GHz band; Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for radio equipment with integral antennas operating indoor or outdoor at data rates of multiple-gigabit per second in the 60 GHz frequency range. These radio equipment operate with very wideband communications using a variety of directional medium and high gain antennas to enable a high degree of spectrum reuse, and may use a flexible bandwidth scheme under which they normally operate in a wideband mode, and periodically reduce their bandwidth (e.g. for antenna training and other activities). The technical characteristics of applications using these radio equipment are further described in ETSI TR 102 555. Equipment in this frequency range intended for outdoor Fixed Local Area Network Extension (FLANE) or Fixed Point-to-Point applications are not in the scope of the present document. These radio equipment types are capable of operating in all or any part of the frequency bands given in table 1. Table 1: Radiocommunications service frequency band Transmit; 57 GHz to 71 GHz Receive; 57 GHz to 71 GHz NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: Draft ETSI EN 302 567 V2.2.0

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN 303 363-1 V1.0.1

Lennujuhtimise seire sekundaarradarid (SSR); Raadiospektrile juurdepääsu harmoneeritud standard; Osa 1. SSR päringusaatjad
Air Traffic Control Surveillance Radar Sensors; Secondary Surveillance Radar (SSR); Harmonised Standard for access to radio spectrum; Part 1: SSR Interrogator

The present document specifies technical characteristics and methods of measurements for the following equipment used in ground-based ATC Secondary Surveillance Radar systems for civil air navigation. Secondary Surveillance Radar (SSR) with Mode S capabilities which includes mode A/C, transmitting in the 1 030 MHz band with a power not exceeding 4 kW (66 dBm), and receiving in the 1 090 MHz band, used for air traffic control and connected to a rotating antenna. The SSR Interrogator transmits interrogations to aircraft equipped with transponder, receives the corresponding replies, and operates in the frequency bands as indicated in Table 1. Table 1: SSR interrogator service frequency bands Signals; Service frequency bands Transmitted; signals 1 030 MHz Received signals; 1 090 MHz NOTE 1: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in Annex A. NOTE 2: Systems making use of an electronic scanned antenna are not covered by the present document.

Keel: en
Alusdokumendid: Draft ETSI EN 303 363-1 V1.0.1

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN IEC 61300-2-24:2020

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-24: Tests - Screen testing of ceramic alignment split sleeve by stress application

This part of IEC 61300 identifies weaknesses in a ceramic alignment split sleeve which could lead to early failure of the component.

Keel: en
Alusdokumendid: IEC 61300-2-24:202X; prEN IEC 61300-2-24:2020
Asendab dokumenti: EVS-EN 61300-2-24:2010

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN IEC 62325-451-8:2020

Framework for energy market communications - Part 451-8: HVDC processes, contextual and assembly models for European style market

This part of IEC 62325 specifies a UML package for the HVDC Link scheduling business process and its associated document contextual models, assembly models and XML schemas for use within the European style electricity markets. This part of IEC 62325 is based on the European style market contextual model (IEC 62325-351). The business process covered by this part of IEC 62325 is described in Clause 5.3. The relevant aggregate core components (ACCs) defined in IEC 62325-351 have been contextualised into aggregated business information entities (ABIEs) to satisfy the requirements of the European style market HVDC Link scheduling business process.

Keel: en
Alusdokumendid: IEC 62325-451-8:202X; prEN IEC 62325-451-8:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN IEC 63246-2:2020

Multimedia systems and equipment for cars - Configurable Car Infotainment Services (CCIS) - Part 2: Requirements (TA 17)

This part of IEC 63246 specifies the CCIS requirements, which include the general, functional and service requirements for CCIS.

Keel: en
Alusdokumendid: IEC 63246-2:202X; prEN IEC 63246-2:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN IEC 63246-3:2020

Multimedia systems and equipment for cars - Configurable Car Infotainment Services (CCIS) - Part 3: Framework (TA 17)

This part of IEC 63246 describes the CCIS framework, which includes the information flows for registration, device monitoring and control, and content delivery between CCIS functional entities.

Keel: en
Alusdokumendid: IEC 63246-3:202X; prEN IEC 63246-3:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

35 INFOTEHNOLOOGIA

prEN IEC 63246-2:2020

Multimedia systems and equipment for cars - Configurable Car Infotainment Services (CCIS) - Part 2: Requirements (TA 17)

This part of IEC 63246 specifies the CCIS requirements, which include the general, functional and service requirements for CCIS.

Keel: en
Alusdokumendid: IEC 63246-2:202X; prEN IEC 63246-2:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN IEC 63246-3:2020

Multimedia systems and equipment for cars - Configurable Car Infotainment Services (CCIS) - Part 3: Framework (TA 17)

This part of IEC 63246 describes the CCIS framework, which includes the information flows for registration, device monitoring and control, and content delivery between CCIS functional entities.

Keel: en
Alusdokumendid: IEC 63246-3:202X; prEN IEC 63246-3:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 6709

Standard representation of geographic point location by coordinates (ISO/DIS 6709:2020)

This document specifies the representation of latitude and longitude and optionally height or depth compatible with previous editions of ISO 6709. This document also supports the representations of other coordinate types and time that may be associated with those coordinates as defined through one or more coordinate reference systems (CRS). This document describes a text string of coordinates, suitable for electronic data exchange, for one point including reference system identification to ensure that the coordinates unambiguously represent the position of that point. Files containing multiple points with a single common reference system identification are out of scope. This document also describes a simpler text string structure for coordinate representation of a point location that is more suitable for human readability.

Keel: en
Alusdokumendid: ISO/DIS 6709; prEN ISO 6709
Asendab dokumenti: EVS-EN ISO 6709:2010

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO/IEC 27701

Security techniques - Extension to ISO/IEC 27001 and ISO/IEC 27002 for privacy information management - Requirements and guidelines (ISO/IEC 27701:2019)

This document specifies requirements and provides guidance for establishing, implementing, maintaining and continually improving a Privacy Information Management System (PIMS) in the form of an extension to ISO/IEC 27001 and ISO/IEC 27002 for privacy management within the context of the organization. This document specifies PIMS-related requirements and provides guidance for PII controllers and PII processors holding responsibility and accountability for PII processing. This document is applicable to all types and sizes of organizations, including public and private companies, government entities and not-for-profit organizations, which are PII controllers and/or PII processors processing PII within an ISMS.

Keel: en
Alusdokumendid: ISO/IEC 27701:2019; prEN ISO/IEC 27701

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEVS-ISO/IEC 12207

Süsteemi- ja tarkvaratehnika. Tarkvara elutsükli protsessid (ISO/IEC/IEEE 12207:2017)
Systems and software engineering - Software life cycle processes (ISO/IEC/IEEE 12207:2017, identical)

See dokument kehtestab tarkvara elutsükli protsesside tarbeks üldise, täpselt määratletud terminoloogiaga raamstruktuuri, millele saab toetuda tarkvara valdkonnas. See struktuur sisaldab protsesse, tegevusi ja töid, mis on rakendatavad tarkvarasüsteemide, toodete ja -teenuste hankimisel, tarnimisel, väljatöötamisel, käitamisel, hooldamisel ja kõrvaldamisel. Neid elutsükli protsesse sooritatakse huvipoolte osalusel, lõppeesmärgiks on klientide rahulolu saavutamine. See standard puudutab organisatsioonisisest või -välist starkvaraüsteemide, -toodete ja -teenuste ning igasuguse süsteemi tarkvaraosa hankimist, tarnimist, väljatöötamist, käitamist, hooldamis ja kõrvaldamist. Tarkvara hõlmab ka püsivara tarkvaraosa. Standard hõlmab ka neid süsteemi määratluse aspekte, mis on vajalikud tarkvaratoodete ja -teenuste kontekstina. See standard annab ka protsessi, mida saab rakendada tarkvara elutsükli protsesside määratlemiseks, juhtimiseks ja täiustamiseks organisatsioonis või projektis. Selle standardi protsesse, tegevusi ja töid võib – eraldi või koos standardiga ISO/IEC 15288:2015 "Süsteemi- ja tarkvaratehnika. Süsteemi elutsükli protsessid" – rakendada ka tarkvara sisaldava süsteemi hankimisel. Selle dokumendi ja ISO/IEC/IEEE 15288 konteksti kuulub suur hulk tehissüsteeme, alates neist, milles tarkvara on vähe või pole üldse, ja lõpetades sellistega, milles tarkvara on peamine huviobjekt. Keerukaid süsteeme ilma tarkvarata tuleb ette harva, kõik tarkvarasüsteemid aga vajavad oma tööks füüsilisi süsteemikomponente (riistvara) huvialuse tarkvarasüsteemi osana või võimaldussüsteemi või taristuna. Niisiis

sõltub huvialusest süsteemist, kas valida tarkvara elutsükli protsessidele kohaldamiseks käesolev dokument või ISO/IEC 15288:2015 "Süsteemi- ja tarkvaratehnika. Süsteemi elutsükli protsessid". Mõlemas dokumendis on protsesside eesmärgid ja tulemid samad, kuid nad erinevad tarkvaratehniliste ja, vastavalt, süsteemitehniliste tegevuste ja tööde poolest.

Keel: en
Alusdokumendid: ISO/IEC/IEEE 12207:2017
Asendab dokumenti: EVS-ISO/IEC 12207:2009

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEVS-ISO/IEC 27003

Infotehnoloogia. Turbemeetodid. Infoturbe halduse süsteemi teostusjuhis (ISO/IEC 27003:2017)
Information technology - Security techniques - Information security management systems - Guidance (ISO/IEC 27003:2017, identical)

See dokument annab seletusi ja juhiseid ISO/IEC 27001:2013 kohta

Keel: en
Alusdokumendid: ISO/IEC 27003:2017
Asendab dokumenti: EVS-ISO/IEC 27003:2011

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEVS-ISO/IEC/IEEE 26511

Süsteemi- ja tarkvaratehnika. Nõuded süsteemide, tarkvara ja teenuste kasutajate informatsiooni haldajaile
Systems and software engineering - Requirements for managers of information for users of systems, software, and services (ISO/IEC/IEEE 26511:2018)

See dokument toetab kasutajate vajadusi järjekindla, täieliku, täpse ja kasutuskõlbliku teabe saamiseks. Ta esitab kasutajateabe haldajaile nõuded strateegia, kavandamise, personali, tõlkimise, valmistuse ning kvaliteedi ja protsesside küpsuse hindamise kohta. Ta spetsifitseerib protsessid ja protseduurid kasutajateabe halduseks toote- või süsteemiarenduse kogu elutsükli kestel. Ta sisaldab ka nõudeid kesksetele dokumentidele, mida loob kasutajateabe haldus, sealhulgas strateegilistele plaanidele ja projektiplaanidele. See dokument annab ülevaate teabehalduse protsessidest, mis on spetsiifilised kasutajateabe haldusele. Ta käsitleb järgmisi tegevusi: — teabearenduse kõikehõlmava strateegia väljatöötamist; — kasutajate teabevajaduste hindamist; — teabearenduse projekti plaanimist ja haldust; — teabearenduse töörühmade mehitamist ja moodustamist; — kasutajateabe läbivaatust ja testimist; — tõlkimisprotsessi korraldust; — kasutajateabe avaldamist ja levitamist; — kliendi rahulolu ja teabe kvaliteedi hindamist; — tootluse, tõhususe ja kulude mõõtmist; — korraldusliku küpsuse hindamist. Selles dokumendis antavad juhised kehtivad mitmete projektikorralduse meetodite, sealhulgas välearenduse ja traditsiooniliste meetodite puhul. Traditsiooniliste hulka võivad kuuluda prognostilise, kosk-arenduse või muud laskuva korralduse meetodid. Kui mingid tavad on omased välearenduslikule projektikorraldusele, on seda mainitud. Seda dokumenti saavad kasutada kasutajateabe haldajad või organisatsioonid, kus on teabearendajaid. Selle dokumendi poole võivad pöörduda ka need, kellel on kasutajateabe arenduse protsessis teistsugused rollid ja huvid: — toote- ja süsteemiarenduse protsessi juhid; — tarnijate koostatud teabe hankijad; — kogenud teabearendajad, kes töötavad välja kasutajateavet; — inimtegurite spetsialistid, kes piiritlevad põhimõtteid kasutajateabe kättesaadavuse ja kasutamishõlpsuse edendamiseks; — kasutajaliideste projekteerijad ja ergonoomiaspetsialistid, kes teevad koostööd teabe esituse kavandamiseks. Seda dokumenti saab rakendada järgmiste kasutajateabe tüüpide halduseks, ehkki ta ei kata nende kõiki aspekte: — teabele kasutaja abistamiseks ja koolituseks, turunduseks ning tootekavanduse ja -arenduse süsteemidokumentatsioonile, mis põhineb kasutajateabe temaatika taaskasutusel; — turunduslikele multimeedium-esitlustele, kus kasutatakse animatsiooni, videot ja heli; — virtuaal- ja liitreaalsusega esitlusteks loodud teabele; — arvutipõhise koolituse komplektidele ja kursusematerjalidele, mis on mõeldud kasutamiseks eeskätt formaalsetes koolitusprogrammides; — teabele, mis kirjeldab toodete sisemist talitlust.

Keel: en
Alusdokumendid: ISO/IEC/IEEE 26511:2018
Asendab dokumenti: EVS-ISO/IEC/IEEE 26511:2014

Arvamusküsitluse lõppkuupäev: 28.02.2021

43 MAANTEESÕIDUKITE EHITUS

EN 1647:2018/prA1

Leisure accommodation vehicles - Caravan holiday homes - Habitation requirements relating to health and safety

This European Standard specifies requirements intended to ensure safety and health of persons using caravan holiday homes as defined in EN 13878, as temporary or seasonal accommodation. It specifies grades of resistance to snow loads and the stability of the structure of caravan holiday homes as well as the minimum information to be included in a user's handbook. It also specifies the corresponding test methods.

Keel: en
Alusdokumendid: EN 1647:2018/prA1
Muudab dokumenti: EVS-EN 1647:2018

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN 50374

Elektrilised liikuvad tööplatvormid
Conductor carts

This document applies to conductor cars that are used to access overhead line conductors, shield wires or shield wires with integrated communication systems to undertake work involving rectification of defects and/or installing components and fittings. This document covers also bicycle type access equipment where it is applicable.

Keel: en
Alusdokumendid: prEN 50374
Asendab dokumenti: EVS-EN 50374:2004

Arvamusküsitluse lõppkuupäev: 28.02.2021

47 LAEVAEHITUS JA MERE-EHITISED

prEN ISO 11592-2

Small craft - Determination of maximum propulsion power rating using manoeuvring speed - Part 2: Craft with a length of hull between 8 m and 24 m (ISO/FDIS 11592-2:2020)

This document specifies the requirements for determining the maximum propulsion power rating using manoeuvring speed for engine-driven craft with a length of the hull (LH, as defined in ISO 8666) between 8 m and 24 m. This document is applicable to craft with a calculated Froude number (Fn) ≥ 1,1. This document is not applicable to: — inflatable craft, as defined by ISO 6185-4; — craft designed and constructed solely for competitive racing (racing craft); — craft primarily designed not to be engine driven. This document does not specify craft constructional strength requirements related to maximum propulsion power rating and does not guarantee stability under all conditions of seaway, wind, wakes and waves.

Keel: en
Alusdokumendid: ISO/FDIS 11592-2; prEN ISO 11592-2

Arvamusküsitluse lõppkuupäev: 28.02.2021

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 12312-4

Aircraft ground support equipment - Specific requirements - Part 4: Passenger boarding bridges

This document specifies the technical requirements to minimize the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of passenger boarding bridges (PBBs) when used as intended, including misuse reasonably foreseeable by the manufacturer, when carried out in accordance with the specifications given by the manufacturer or his authorized representative. It also takes into account some requirements recognized as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies. This document applies to: a) apron-drive bridges; b) fixed-head bridges (also referred to as nose-loaders) or pedestal bridges; c) suspended bridges, for embarking/disembarking of passengers. It is applicable from the interface with the terminal building, which can be movable, e.g. on two levels to separate arrival and departure level to the connection with the aircraft including fixed tunnels. This document does not apply to: d) elevating lounges; e) passenger stairs; f) other form of aircraft access equipment; g) autonomous PBB positioning. No extra requirements on noise and vibration are provided other than those in EN 1915 3:2004+A1:2009 and EN 1915-4:2004+A1:2009. NOTE EN 1915-3:2004+A1:2009 and EN 1915-4:2004+A1:2009 provide the general GSE vibration and noise requirements. This part of EN 12312 is not applicable to PBBs which were manufactured before the date of publication of this document by CEN. This part of EN 12312 when used in conjunction with EN 1915 1:2013 and EN 1915 2:2001+A1:2009 provides the requirements for PBBs.

Keel: en
Alusdokumendid: prEN 12312-4
Asendab dokumenti: EVS-EN 12312-4:2014

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN 16603-10-04

Space engineering - Space environment

This standard applies to all product types which exist or operate in space and defines the natural environment for all space regimes. It also defines general models and rules for determining the local induced environment. Project-specific or project-class-specific acceptance criteria, analysis methods or procedures are not defined. The natural space environment of a given item is that set of environmental conditions defined by the external physical world for the given mission (e.g. atmosphere, meteoroids and energetic particle radiation). The induced space environment is that set of environmental conditions created or modified by the presence or operation of the item and its mission (e.g. contamination, secondary radiations and spacecraft charging). The space environment also contains elements which are induced by the execution of other space activities (e.g. debris and contamination). This standard may be tailored for the specific characteristic and constrains of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: ECSS-E-ST-10-04C Rev.1; prEN 16603-10-04
Asendab dokumenti: EVS-EN 16603-10-04:2015

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN 9114

Aerospace series - Quality systems - Direct Ship - Guidance for Aerospace Companies

1.1 This document is limited to the aerospace industry, where an approved manufacturer requests a supplier to ship an article against the approved manufacturer's quality system directly to a customer. The direct ship process is not required or applicable to standard parts or military parts. In this process, the approved manufacturer is responsible for assurance that the article conforms to type design information. 1.2 This document provides guidance to approved manufacturers, their suppliers, and customers when an approved manufacturer requests a supplier to ship an article against the approved manufacturer's purchase document directly to a customer, commonly known as "Direct Ship".

Keel: en
Alusdokumendid: prEN 9114
Asendab dokumenti: EVS-EN 9114:2015

Arvamusküsitluse lõppkuupäev: 28.02.2021

53 TÕSTE- JA TEISALDUS-SEADMED

EN ISO 3164:2013/prA1

Earth-moving machinery - Laboratory evaluations of protective structures - Specifications for deflection-limiting volume - Amendment 1 (ISO 3164:2013/DAM 1:2020)

Amendment to EN ISO 3164:2013

Keel: en
Alusdokumendid: ISO 3164:2013/DAmd 1; EN ISO 3164:2013/prA1
Muudab dokumenti: EVS-EN ISO 3164:2013

Arvamusküsitluse lõppkuupäev: 28.02.2021

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 6330

Textiles - Domestic washing and drying procedures for textile testing (ISO/DIS 6330:2020)

1.1 This document specifies domestic washing and drying procedures for textile testing. The procedures are applicable to textile fabrics, garments or other textile articles which are subjected to appropriate combinations of domestic washing and drying procedures. This document also specifies the reference detergents and ballasts for the procedures. 1.2 Provision is made for 13 different washing procedures based on the use of the reference washing machine Type A: horizontal axis, front-loading type, 11 procedures based on the use of the reference washing machine Type B: vertical axis, top-loading agitator type, and 7 procedures based on the use of the reference washing machine Type C: vertical axis, top-loading pulsator type. 1.3 Each washing procedure represents a single domestic wash. 1.4 This document also specifies six drying procedures: A — Line dry B — Line drip dry C — Flat dry D — Flat drip dry E — Flat press F — Tumble dry 1.5 A complete test consists of a washing and drying procedure. NOTE Use of different parameters (washing machine type, detergent type and type of tumble drier) may affect test results for any test using this document. Therefore, parties using this standard are strongly encouraged to agree on the parameters to be used.

Keel: en
Alusdokumendid: ISO/DIS 6330; prEN ISO 6330

Arvamusküsitluse lõppkuupäev: 28.02.2021

65 PÕLLUMAJANDUS

EN 60335-2-86:2018/prAA:2020

Household and similar electrical appliances - Safety - Part 2-86: Particular requirements for electric fishing machines

This European Standard deals with the safety of electric fishing machines by means of which water may be electrified for the purpose of catching fish or for providing barriers to all animals living in water.

Keel: en
Alusdokumendid: EN 60335-2-86:2018/prAA:2020
Muudab dokumenti: prEN 60335-2-86:2017

Arvamusküsitluse lõppkuupäev: 28.02.2021

EN IEC 60335-2-87:2020/prA1:2020

Household and similar electrical appliances - Safety - Part 2-87: Particular requirements for electrical animal-stunning equipment

This European Standard Deals with the safety of electric animal-stunning equipment, These are for industrial or commercial use, on farms or in areas where they may be a source of danger to the public. The standard covers manual, semi-automatic and automatic equipment

Keel: en
Alusdokumendid: IEC 60335-2-87:2016/A1:2018; EN IEC 60335-2-87:2020/prA1:2020

Muudab dokumenti: EVS-EN IEC 60335-2-87:2020

Arvamusküsitluse lõppkuupäev: 28.02.2021

EN ISO 17962:2015/prA1

Agricultural machinery - Equipment for sowing - Minimization of the environmental effects of fan exhaust from pneumatic systems - Amendment 1 (ISO 17962:2015/DAM 1:2020)

Amendment to EN ISO 17962:2015

Keel: en
Alusdokumendid: ISO 17962:2015/DAmd 1; EN ISO 17962:2015/prA1
Muudab dokumenti: EVS-EN ISO 17962:2015

Arvamusküsitluse lõppkuupäev: 28.02.2021

67 TOIDUAINETE TEHNOLOOGIA

prEN ISO 18363-4

Animal and vegetable fats and oils - Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS - Part 4: Method using fast alkaline transesterification and measurement for 2-MCPD, 3-MCPD and glycidol by GC-MS/MS (ISO/DIS 18363-4:2020)

This part of ISO 18363 describes a rapid procedure for the simultaneous determination of 2-MCPD esters (bound 2-MCPD), 3-MCPD esters (bound 3-MCPD) and glycidyl esters (bound glycidol) in a single assay, based on alkaline catalysed ester cleavage and derivatization of cleaved (free) analytes with phenylboronic acid (PBA) prior to GC-MS/MS analysis. This method is applicable to solid and liquid fats and oils. This part of ISO 18363 can also apply to animal fats and used frying oils and fats, but a validation study must be undertaken before the analysis of these matrices. Milk and milk products (or fat coming from milk and milk products) are excluded from the scope of this international standard.

Keel: en
Alusdokumendid: ISO/DIS 18363-4; prEN ISO 18363-4

Arvamusküsitluse lõppkuupäev: 28.02.2021

71 KEEMILINE TEHNOLOOGIA

prEN 12037

Wood preservatives - Field test method for determining the relative protective effectiveness of a wood preservative exposed out of ground contact - Horizontal lap-joint method

This document describes a method of test for wood preservatives that are intended for use in wood to be exposed to the weather out of contact with the ground without the additional protection of a surface coating. The method is applicable to the testing of commercial or experimental preservatives applied by techniques appropriate to commercial practice. The method is applicable to chemical products used individually or in combination to prevent the development of decay and/or - optional - the development of disfiguring organisms in wood and, where suitable, in wood-based products. NOTE 1 The method can also be used to test other treated wood species and naturally durable timbers. It can be adapted for testing the field performance of other wood based systems and treatments designed to enhance durability, for example treated or untreated wood based composites, timber treated with non-biocidal systems, chemically modified or heat treated timber. NOTE 2 Altough the test is used to assess decay, it is possible to use the method to additionally assess stain or each separately when relevant.

Keel: en
Alusdokumendid: prEN 12037
Asendab dokumenti: CEN/TS 12037:2003

Arvamusküsitluse lõppkuupäev: 28.02.2021

75 NAFTA JA NAFTATEHNOLOOGIA

prEN 15522-1

Oil spill identification Petroleum and petroleum related products Part 1: Sampling

EN 15522-1 provides guidance on taking and handling samples, that are collected as part of an investigation into the likely source of a crude oil or petroleum product spill into a marine or aquatic environment. Guidance is given on taking samples from both the spill and its potential source. Mostly, oil sampling is part of legal procedures and has to be treated like any other preservation of evidence (legal sampling). If samples are to be used in connection with legal proceedings, this document should be read in conjunction with any documents issued by the regulatory authorities in the country or countries in question where the spill has occurred. Taking samples may involve hazardous materials, operations and equipment. This document is not intended to address all the safety and health aspects associated with the guidance given. It is the responsibility of the user to consult and establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use. Note: Most countries have special trained teams to take samples on board of ships. As police officer or law enforcer don’t take unnecessary risks and ask assistance from such a team when available. For the sake of clarity, the word ‘oil’ is used throughout this document. It can equally refer to crude oil, a petroleum product or mixtures of such.

Keel: en
Alusdokumendid: prEN 15522-1

Asendab dokumenti: CEN/TR 15522-1:2006

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN 15522-2

Oil spill identification - Waterborne petroleum and petroleum products - Part 2: Analytical methodology and interpretation of results based on GC-FID and GC-MS low resolution analyses

This document describes a method to firstly identify the specific nature of oils spilled in the environment and secondly compare the chemical composition of spilled oil or oily samples with that of suspected sources. Specifically, the document describes the detailed analytical methods and data processing specifications for identifying the specific nature of oil spills and establishing their correlation to suspected sources. Even when samples or data from suspected sources are not available for comparison, establishing the specific nature (e.g. refined petroleum, crude oil, waste oil, etc.) of the spilled oil may still help constrain the possible source(s) of the spilled oil. This methodology is restricted to petroleum related products containing a significant proportion of hydrocarboncomponents with a boiling point above 150°C. Examples are: crude oils, higher boiling condensates, diesel oils, residual bunker or heavy fuel oils, lubricants, and mixtures of bilge and sludge samples, as well as distillate fuels and blends. While the specific analytical methods may not be appropriate for lower boiling oils (e.g. kerosenes, jet fuels, or gasoline), the general concepts described in this methodology, i.e. statistical comparison of weatheringresistant diagnostic ratios, may have applicability in spills involving lower boiling oils. Paraffin as petroleum product (for candles, etc.) is outside the scope of this method, because too many compounds have been removed during the production process. Still the method can be used to analyse the type of product involved.

Keel: en
Alusdokumendid: prEN 15522-2
Asendab dokumenti: CEN/TR 15522-2:2012

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 21646

Solid recovered fuels - Sample preparation (ISO/DIS 21646:2020)

This document specifies methods for reducing combined samples to laboratory samples and laboratory samples to sub-samples and general analysis samples. The methods described in this document may be used for sample preparation, for example, when the samples are to be tested for bulk density, biomass determination, durability, particle size distribution, moisture content, ash content, ash melting behaviour, calorific value, chemical composition, and impurities. The methods are not intended to be applied to the very large samples required for the testing of bridging properties.

Keel: en
Alusdokumendid: ISO/DIS 21646; prEN ISO 21646
Asendab dokumenti: EVS-EN 15413:2011
Asendab dokumenti: EVS-EN 15443:2011

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 21809-2

Petroleum and natural gas industries - External coatings for buried or submerged pipelines used in pipeline transportation systems - Part 2: Single layer fusion-bonded epoxy coatings (ISO/DIS 21809-2:2020)

This document specifies the requirements for qualification, application, testing and handling of materials for plant application of single layer fusion-bonded epoxy (FBE) coatings applied externally for the corrosion protection of bare steel pipe for use in pipeline transportation systems for the petroleum and natural gas industries as defined in ISO 13623. NOTE Pipes coated in accordance with this document are considered suitable for additional protection by means of cathodic protection.

Keel: en
Alusdokumendid: ISO/DIS 21809-2; prEN ISO 21809-2
Asendab dokumenti: EVS-EN ISO 21809-2:2014

Arvamusküsitluse lõppkuupäev: 28.02.2021

77 METALLURGIA

prEN 1561

Founding - Grey cast irons

This document specifies the properties of unalloyed and low-alloyed grey cast irons used for castings, which have been manufactured in sand moulds or in moulds with comparable thermal behaviour. NOTE This document can also be applicable to grey cast irons cast in permanent moulds, provided the related cast samples are casted under the same conditions as the castings. This document specifies the characterizing properties of grey cast irons by either a) the tensile strength of cast samples, b) if agreed by the manufacturer and the purchaser, the tensile strength of samples cut from a casting, c) the hardness determined on the castings or on a cast-on knob. If agreed by the manufacturer and the purchaser, the combination of both tensile strength from option a) and hardness from option c) may be specified. This document specifies six grades of grey cast iron by a classification based on tensile strength determined on machined test pieces prepared from cast samples (see Table 1) and six grades of grey cast iron by a classification based on Brinell hardness (see Table 2). This document does not cover technical delivery conditions for iron castings; see EN 1559-1 [3] and EN 1559-3 [4]. This document does not apply to grey cast irons used for pipes and fittings according to EN 877 [5].

Keel: en
Alusdokumendid: prEN 1561
Asendab dokumenti: EVS-EN 1561:2011

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN 16079
Founding - Compacted (vermicular) graphite cast irons

This document defines the grades and the corresponding requirements for compacted (vermicular) graphite cast irons. This document specifies 4 grades of compacted (vermicular) graphite cast iron by a classification based on the minimum mechanical properties measured on machined test pieces prepared from cast samples or samples cut from a casting. This document does not cover technical delivery conditions for iron castings (see EN 1559-1 [1] and EN 1559-3 [2]).

Keel: en
Alusdokumendid: prEN 16079
Asendab dokumenti: EVS-EN 16079:2011

Arvamusküsitluse lõppkuupäev: 28.02.2021

79 PUIDUTEHNOLOOGIA

prEN 1001
Durability of wood and wood-based products - Terminology

This document provides the basis for selecting the preferred equivalent terms for the drafting of future European standards and other documents on natural or conferred durability of wood and wood based products.

Keel: en
Alusdokumendid: prEN 1001
Asendab dokumenti: EVS-EN 1001-1:2005
Asendab dokumenti: EVS-EN 1001-2:2005

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN 14734
Durability of wood and wood-based products - Determination of treatability of timber species to be impregnated with wood preservatives - Laboratory method

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

Keel: en
Alusdokumendid: prEN 14734

Arvamusküsitluse lõppkuupäev: 28.02.2021

83 KUMMI- JA PLASTITÖÖSTUS

EN ISO 4892-2:2013/prA1
Plastics - Methods of exposure to laboratory light sources - Part 2: Xenon-arc lamps - Amendment 1: Classification of daylight filters (ISO 4892-2:2013/DAM 1:2020)

Amendment to EN ISO 4892-2:2013

Keel: en
Alusdokumendid: ISO 4892-2:2013/DAmd 1; EN ISO 4892-2:2013/prA1
Muudab dokumenti: EVS-EN ISO 4892-2:2013

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 11358-1
Plastics - Thermogravimetry (TG) of polymers - Part 1: General principles (ISO/DIS 11358-1:2020)

This document specifies general conditions for the analysis of polymers using thermogravimetric techniques. It is applicable to liquids or solids. Solid materials may be in the form of pellets, granules or powders. Fabricated shapes reduced to appropriate specimen size may also be analysed by this method. This document establishes methods for the investigation of physical effects and chemical reactions that are associated with changes of mass. Thermogravimetry can be used to determine the temperature(s) and rate(s) of decomposition of polymers, and to measure at the same time the amounts of volatile matter, additives and/or fillers they contain. Thermogravimetric measurements can be carried out in dynamic mode (mass change versus temperature or time under programmed temperature conditions) or isothermal mode (mass change versus time at constant temperature). Thermogravimetric measurements can also be carried out using different testing atmospheres, e.g. to separate decomposition in an inert atmosphere from oxidative degradation.

Keel: en
Alusdokumendid: ISO/DIS 11358-1; prEN ISO 11358-1

Asendab dokumenti: EVS-EN ISO 11358-1:2014

Arvamusküsitluse lõppkuupäev: 28.02.2021

91 EHITUSMATERJALID JA EHITUS

EN 1527:2019/prA1

Building hardware - Hardware for sliding doors and folding doors - Requirements and test methods

This document specifies requirements for the design manual system sliding doors, sliding corner doors and folding doors of the bi-fold type and multi-panel folding doors but excluding doors and panels. Cycle tests, static load, initial friction and corrosion resistance tests are included for fittings and track only. This document covers door gear for all industrial, commercial and residential sliding doors and folding doors. This document does not cover the rollers for horizontal sliding and building hardware for inward or outward sliding folding windows (types N Q, R and S) in accordance with EN 13126-15, building hardware for Lift and Slide windows (type P) in accordance with EN 13126-16 and building hardware for Tilt and Slide windows (type T) in accordance with EN 13126-17.

Keel: en
Alusdokumendid: EN 1527:2019/prA1
Muudab dokumenti: EVS-EN 1527:2019

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN 17625

Roof-top units

This document specifies the terms and definitions, the test conditions and the test methods of air-sourced and water-cooled roof-top units, driven by electric compressor(s), which may be equipped with a supplementary heater using electrical resistance or combustion of fossil fuel. This document covers roof-top units with 2, 3 or 4 dampers, including several features as the free-cooling, mixing air flows (on both sides) and heat recovery. This document deals with roof-top units providing space heating and/or cooling for comfort application. Process applications are not covered by this document. This document provides the part load conditions and the calculation methods taking into account roof-top units features for the determination of seasonal energy efficiency SEER and SEERon, seasonal space cooling energy efficiency ηs,c, seasonal coefficient of performance SCOP, SCOPon and SCOPnet, seasonal space heating energy efficiency ηs,h and the overall annual efficiency. Such calculation methods may be based on calculated or measured values. In case of measured values, this document covers the test methods for determination of capacities, EER and COP values during active mode at part load conditions. It also covers test methods for the determination of power input during thermostat-off mode, standby mode, off-mode and crankcase heater mode. A roof-top unit that is not using at least the thermodynamic cycle for space heating is considered as a cooling only unit. Roof-top units equipped with additional air heating and/or cooling heat exchangers will be rated without operation of these heat exchangers.

Keel: en
Alusdokumendid: prEN 17625

Arvamusküsitluse lõppkuupäev: 28.02.2021

prEN ISO 12571

Hygrothermal performance of building materials and products - Determination of hygroscopic sorption properties (ISO/DIS 12571:2020)

This International Standard specifies two alternative methods for determining hygroscopic sorption properties of porous building materials and products: a) using desiccators and weighing cups (desiccator method); b) using a climatic chamber (climatic chamber method). The desiccator method is the reference method. This International Standard does not specify the method for sampling. The methods specified in this International Standard can be used to determine the moisture content of a sample in equilibrium with air at a specific temperature and humidity.

Keel: en
Alusdokumendid: ISO/DIS 12571; prEN ISO 12571
Asendab dokumenti: EVS-EN ISO 12571:2013

Arvamusküsitluse lõppkuupäev: 28.02.2021

93 RAJATISED

prEN 12697-37

Bituminous mixtures - Test methods - Part 37: Hot sand test for the adhesivity of binder on pre-coated chippings for Hot-Rolled-Asphalt (HRA)

This document describes a hot sand test method for determining the condition of the binder on coated chippings for use with hot rolled asphalt (HRA) surface course.

Keel: en
Alusdokumendid: prEN 12697-37
Asendab dokumenti: EVS-EN 12697-37:2003

Arvamusküsitluse lõppkuupäev: 28.02.2021

97 OLME. MEELELAHUTUS. SPORT

EN 60335-2-61:2003/prA12:2020

Household and similar electrical appliances - Safety - Part 2-61: Particular requirements for thermal-storage room heaters

This European Standard deals with the safety of electric thermal-storage room heaters intended to heat the room in which they are located, their rated voltage being not more than 250 V for single phase and 480 V for other appliances.

Keel: en
Alusdokumendid: EN 60335-2-61:2003/prA12:2020
Asendab dokumenti: EVS-EN 60335-2-61:2003/A11:2019
Muudab dokumenti: EVS-EN 60335-2-61:2003

Arvamusküsitluse lõppkuupäev: 28.02.2021

STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE ÜLEVAATUS

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

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

PIKENDAMISKÜSITLUS

EVS 726:2015

Teraviljasaadused. Kahjuritega nakatatuse ja saastatuse määramine
Cereal products - Determination of pest infestation and filth test

Selles Eesti standardis kirjeldatakse teraviljasaaduste (jahu, tangained, kliid) kahjuritega nakatatuse ja saastatuse määramise meetodeid.

Pikendamisküsitluse lõppkuupäev: 29.01.2021

TÜHISTAMISKÜSITLUS

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

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

EVS-ISO 16175-1:2013

Informatsioon ja dokumentatsioon. Dokumentide haldamise põhimõtted ja funktsionaalsusnõuded digitaalses kontorikeskkonnas. Osa 1: Ülevaade ja lähtekohad
Information and documentation - Principles and functional requirements for records in electronic office environments - Part 1: Overview and statement of principles

Projekti „Dokumentide haldamise põhimõtted ja funktsionaalsusnõuded digitaalses kontorikeskkonnas“ eesmärk on luua üleilmselt harmoniseeritud põhimõtted ja funktsionaalsusnõuded tarkvarale, mida kasutatakse digitaaldokumentide loomiseks ja haldamiseks kontorikeskkonnas. Hetkel on olemas rida õigusruumi- ja valdkonnakeskseid funktsionaalsusnõudeid ja tarkvara kirjeldusi. Projekti eesmärk on vormida olemasolevast nõuded ja juhised, mis vastaksid rahvusvahelise arhiivide ning dokumendi- ja infohalduse valdkonna vajadustele ning võimaldaksid ühist koostööd üleilmse tarkvaratööstusega. Projekti eesmärgid on: • võimaldada organisatsioonides parem dokumendihalduse korraldus; • suurema toimimisefektiivsuse kaudu toetada organisatsiooni ärivajadusi; • pakkuda läbi automatiseeritud dokumendihalduse funktsionaalsuse laiema käsitluse paremat võimalust auditeerimistegevusteks; • parandada võimalusi vastavuse saavutamiseks infoõigusest tulenevate kohustustega (näiteks andmekaitse ja eraelu puutumatus); • kindlustada hea dokumendihaldusega head valitsemist (näiteks aruandekohustuslikkus, läbipaistvus, paremad teenused); • suurendada olulisemate põhimõtete levitamisega üldise teadlikkuse taset automatiseeritud võimalustest; • viia maksimumini haldusaladeülest kooskõla dokumendihalduse funktsionaalsusnõuete sõnastamisel ning võimaldada üleilmsel arhiivi-, dokumendi- ja infohalduse valdkonnal suhelda tarkvara tarnijatega ühtsete arusaamade kohaselt. Standardis toodud juhised ja nõuded keskenduvad peamiselt digitaaldokumentide loomisele ja haldamisele. Standardi osad üksnes toetavad digitaaldokumentide pikaajalist säilitamist, kuid konkreetsete protsesside kirjaldamine pikaajalise säilitamise saavutamiseks on projekti käsitlusalast väljas. Eeldatud on, et esitatud nõuded on oma olemuselt globaalset laadi. Sellest johtuvalt ja arvestades erinevaid õigusruume, on võimatu anda ka detailsemaid nõuete juurutamise juhiseid. Lisaks sellele pole standardi osade testimist konkreetses keskkonnas läbi viidud ning tarkvara testimise juhtumite esitamine on jäänud väljapoole standardi osade käsitlusala.

Keel: en, et
Alusdokumendid: ISO 16175-1:2010
Tühistamisküsitluse lõppkuupäev: 29.01.2021

EVS-ISO 16175-3:2012

Informatsioon ja dokumentatsioon. Dokumentide haldamise põhimõtted ja funktsionaalsusnõuded digitaalses kontorikeskkonnas. Osa 3: Juhised ja funktsionaalsusnõuded dokumentidele ärisüsteemides
Information and documentation - Principles and functional requirements for records in electronic office environments - Part 3: Guidelines and functional requirements for records in business systems

Standard aitab organisatsioonidel tagada ärisüsteemides tehtud tegevuste tõenduse (dokumentide) asjakohase tuvastamise ja haldamise. Täpsemalt aitab see organisatsioonil: • mõista protsesse ja nõudeid ärisüsteemides olevate dokumentide kindlaksmääramiseks ja haldamiseks; • välja töötada spetsifikatsioonidesse lisatavaid funktsionaalsusnõudeid, kui ärisüsteemi tarkvara luuakse, uuendatakse või soetatakse; • hinnata pakutava kohandatud või laiatarbe-ärisüsteemi võimekust hallata dokumente; • vaadata üle või hinnata olemasolevate süsteemide funktsionaalsuste sobivust. Standard ei paku täielikku spetsifikatsiooni, vaid rõhutab teatud hulka dokumendihalduse põhinõudeid koos soovitusliku kohustuslikkuse tasemega, mida saab kasutada kui lähtekohta toote arendamiseks. See ei vabasta organisatsioone oma funktsionaalsusnõuete hindamisest, kohandamisest ja väljavalimisest vastavalt oma ärilisele, tehnilisele ja juriidilisele keskkonnale ning neile kehtivatele piirangutele. Standardi see osa on suunatud ainult dokumendihalduse nõuetele ega käsitle üldist süsteemihaldust. Käsitlusalasse ei kuulu nõuded ärisüsteemi kasutatavusele, aruandlusele, otsimehhanismile, süsteemi administreerimisele ja toimimisele. Standardi kasutajalt eeldatakse teatud tasemel teadmisi spetsifikatsioonide koostamise, hankimise ja hindamise protsessidest, seega ei ole nendega seonduvat siin käsitletud. Nõudeid digitaaldokumentide pikaajaliseks säilitamiseks ei ole siin otseselt käsitletud. Dokumendis toodud ekspordile esitatavad nõuded siiski toetavad pikaajalist säilitamist, kuna võimaldavad dokumente eksportida pikaajalise säilitamise võimekusega süsteemi või migreerida uutesse süsteemidesse. Kuna selles standardi osas esitatud juhised peaksid olema kohandatavad dokumendihaldusega tugevalt integreeritud teenustepõhistele tarkvaradele, kehtivad taolised põhimõtted ja protsessid üldiselt ning täpsemaid juhiseid pole esitatud. Siiski on tarvilik teha täiendav analüüs selle kohta, millised erinevates süsteemides olevad andmed tõendavad teatud toimingut nõutud viisil. Mõiste „süsteem“ kasutamine selles standardis viitab arvutitele ja IT-süsteemidele. See erineb dokumendihalduses levinud mõistest, mis on seotud laiemas mõttes inimeste, poliitikate, protseduuride ja praktikatega. Organisatsioonid peavad sellist laiemat arusaama silmas pidama ja tagama, et põhilised dokumendihaldust toetavad abivahendid, nagu eraldamise volitused , infoturbe skeemid ja dokumenteerimise tava organisatsioonis, toimivad, et kindlustada ärisüsteemides olevate dokumentide asjakohane haldamine.

Keel: en, et
Alusdokumendid: ISO 16175-3:2010
Tühistamisküsitluse lõppkuupäev: 29.01.2021

TEADE EUROOPA STANDARDI OLEMASOLUST

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

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

EN 15746-1:2020

Railway applications - Track - Road-rail machines and associated equipment - Part 1: Technical requirements for travelling and working

Eeldatav avaldamise aeg Eesti standardina 02.2021

EN ISO 717-1:2020

Acoustics - Rating of sound insulation in buildings and of building elements - Part 1: Airborne sound insulation (ISO 717-1:2020)

Eeldatav avaldamise aeg Eesti standardina 02.2021

EN ISO 717-2:2020

Acoustics - Rating of sound insulation in buildings and of building elements - Part 2: Impact sound insulation (ISO 717-2:2020)

Eeldatav avaldamise aeg Eesti standardina 02.2021

AVALDATUD EESTIKEELSED STANDARDIPARANDUSED

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

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

EVS-EN 1130:2019/AC:2020
Laste mööbel. Imikuvoodid. Ohutusnõuded ja katsemeetodid
Children's furniture - Cribs - Safety requirements and test methods

EVS-EN 1176-1:2017/AC:2020
Mänguväljaku seadmed ja aluspinnakate. Osa 1: Üldised ohutusnõuded ja katsemeetodid
Playground equipment and surfacing - Part 1: General safety requirements and test methods

EVS-EN 71-1:2014+A1:2018/AC:2020
Mänguasjade ohutus. Osa 1: Mehaanilised ja füüsikalised omadused
Safety of toys - Part 1: Mechanical and physical properties

EVS-EN 71-5:2016/AC:2020
Mänguasjade ohutus. Osa 5: Keemilised mänguasjad (komplektid), välja arvatud katsekomplektid
Safety of toys - Part 5: Chemical toys (sets) other than experimental sets

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

CEN/TR 15367-1:2020

Naftasaadused. Hea haldamise juhised. Osa 1: Mootorsõidukite diislikütused
Petroleum products - Guidelines for good housekeeping - Part 1: Automotive diesel fuels

Selles dokumendis antakse üldised diislikütuse haldamise juhised, et tagada asjakohane puhtus ja vältida saasteainete laiali kandmist. See ei mõjuta riiklikke ega kohalikke eeskirju, vaid tegeleb vee, setete, anorgaaniliste saasteainete või mikroobide kasvuga seotud saastumisega, mis võib tarneahelas tekkida tootmisel, segamisel, ladustamisel ja transportimisel. Selles ei käsitleta saastumist teiste kütusetoodetega ega võimalikku saastumist vee või setetega, mis võivad tekkida sõidukites. Teave sõiduki tegurite kohta on siiski esitatud lisas A.

EVS-EN 12604:2017+A1:2020

Tööstus-, kommerts- ning garaažiuksed ja -väravad. Mehaanilised aspektid. Nõuded ja katsemeetodid
Industrial, commercial and garage doors and gates - Mechanical aspects - Requirements and test methods

See Euroopa standard spetsifitseerib mehaanilised nõuded ja katsemeetodid käsikäitusega ustele, väravatele ja tõkkepuudele, mis on ette nähtud paigaldamiseks kohtadesse, kus inimene nendega kokku võib puutuda, ja mille peamine kasutusotstarve on tagada tööstus-, kommerts- või eluhoonetes ohutu juurdepääs kaupadele ja sõidukitele, mida saadavad või juhivad inimesed. See Euroopa standard hõlmab ka käsikäitusega vertikaalselt liikuvaid kommertsuksi, nagu rull-luugid ja rullvõred, mida kasutatakse jaemüügiettevõtetes ja mis on peamiselt ette nähtud kaupade kaitsmiseks. See dokument kehtib ainult selliste uste kohta, mis ei kuulu hoone kandekonstruktsioonide hulka. See ei kehti järgmiste toodete kohta: — lüüsiväravad ja dokiväravad; — sõidukiuksed; — uksed, mis on mõeldud peamiselt loomade kinnipidamiseks, välja arvatud juhul, kui nad paiknevad krundi perimeetril; — jalakäijatele kasutamiseks mõeldud uksed; — raudteetõkkepuud. Selles dokumendis mõistetakse termini „uks“ all, kus seda ka ei kasutataks, kõiki selle standardi käsitlusalasse kuuluvate uste, väravate ja tõkkepuude tüüpe ja variante.

EVS-EN 16630:2015

Püsivalt paigaldatud spordivarustus välistingimustes kasutamiseks. Ohutusnõuded ja katsemeetodid
Permanently installed outdoor fitness equipment - Safety requirements and test methods

See Euroopa standard määrab kindlaks üldised ohutusnõuded püsivalt paigaldatud, vaba juurdepääsuga välistingimustes kasutamiseks mõeldud spordiseadmete valmistamisele, paigaldamisele, ülevaatusele ja hooldusele. See standard ei hõlma elektrijõul liikuvaid seadmeid, funktsionaalse treeningu varustust (tavaliselt pidurduseta raskused) ega militaar-takistusradasid. Seadmed on mõeldud noorukitele ja täiskasvanutele või kasutajatele üldpikkusega rohkem kui 1400 mm keha vormishoidmiseks, kasutades treenimiseks seadmeid. Selle standardiga hõlmatud seadmed ei ole mänguväljaku seadmed lastele (standardisari EN 1176), siseruumide statsionaarne treenimisvarustus (standardisari EN 957) või mitmele spordialale mõeldud vaba juurdepääsuga seadmed (EN 15312), isegi kui nad vastavad nendest standarditest iga üksiku standardi nõuetele. MÄRKUS Selles standardis kasutatakse termini „püsivalt paigaldatud spordiseadmed välistingimustes kasutamiseks“ asemel lihtsalt terminit „spordiseadmed“.

EVS-EN 17333-2:2020

Ühekomponentse vahu iseloomustamine. Osa 2: Paisumisomadused
Characterisation of one component foam - Part 2: Expansion characteristics

Selles Euroopa standardis määratletakse katsemeetodid ühest survestatud vahumahutist välja lastud niiskuse toimel kõvastuvate, aktiveeritavate isekõvastuvate või vee aurustumise kaudu kuivavate vahtude paisumisomaduste hindamiseks. Selle standardi eesmärk ei ole käsitleda kõiki võimalikke nende kasutamisega seotud ohutusprobleeme. Standardi kasutaja on kohustatud enne kasutamist rakendama sobivaid ohutus- ja tervisekaitsemeetmeid ning määrama kindlaks õigusnormide kohaldatavuse. Kirjeldatakse järgmisi katsemeetodeid: — Meetod 1 — Mõõtmepüsivus. Meetodis kirjeldatakse, kuidas määrata kõvastunud vahu mõõtmepüsivust (kahanemist või paisumist) tüüpilistes ja äärmuslikes tingimustes. — Meetod 2 — Paisumissurve. Meetodis kirjeldatakse, kuidas määrata ühekomponentse vahu kõvastumisprotsessi käigus tekkivat survet. — Meetod 3 — Järelpaisumine. Meetodis kirjeldatakse, kuidas mõõta välja lastud vahu paisumist kõvastumisfaasi ajal.

EVS-EN ISO 10993-1:2020

Meditsiiniseadmete bioloogiline hindamine. Osa 1: Hindamine ja katsetamine riskihaldusprotsessis
Biological evaluation of medical devices - Part 1: Evaluation and testing within a risk management process (ISO 10993-1:2018, including corrected version 2018-11)

See dokument määratleb — riskihaldusprotsessis rakendatavad meditsiiniseadmete bioloogilise hindamise üldpõhimõtted; — meditsiiniseadmete üldise jaotuse kategooriatesse, lähtudes nende kehakontakti iseloomust ja kestusest; — olemasolevate, kõigist allikatest pärit asjakohaste andmete hindamise; — olemasolevates andmestutes olevate lünkade kindlakstegemise riskianalüüsi põhjal; — selliste lisaandmestute kindlakstegemise, mis on vajalikud meditsiiniseadme bioloogilise ohutuse

kindlakstegemiseks; — meditsiiniseadme bioloogilise ohutuse läbikaalumise. See dokument rakendub selliste materjalide ja meditsiiniseadmete hindamisele, mille puhul eeldatakse, et nad satuvad otseselt või kaudselt kontakti — patsiendi kehaga sihtotstarbelise kasutuse käigus; — kasutaja kehaga, kui meditsiiniseade on ette nähtud toimima kui kaitsevahend (nt kirurgilised kindad, maskid jm). See dokument on rakendatav kõigi meditsiiniseadmete (sealhulgas aktiivsete, mitteaktiivsete, implanteeritavate ja mitteimplanteeritavate meditsiiniseadmete) bioloogiliseks hindamiseks. See dokument annab ka suunised bioloogiliste ohtude läbikaalumiseks, mis tekivad — riskidest, nagu näiteks sellistest, mis tekivad meditsiiniseadme puhul aja jooksul ja mis on osaks üldise bioohutuse kaalutlemisel; — meditsiiniseadme või selle osa purunemisest, mis viib kehakoe kontakti uute või uudsete materjalidega. Standardisarja ISO 10993 teised osad katavad bioloogilise kaalutlemise spetsiifilisi aspekte ja nendega seotud teste. Seadmekohased või tootestandardid käsitlevad mehaanilisi teste. See dokument ei käsitle ohtusid, mis on seotud bakteritega, hallitus- ja pärmseentega, viirustega, transmissiivsete spongioossete entsefalopaatiate (TSE-de) biotoimeainetega ja muude patogeenidega.

EVS-ISO 15190:2020

Meditsiinilaborid. Ohutusnõuded
Medical laboratories - Requirements for safety (ISO 15190:2020, identical)

See dokument määratleb ohutu töötamise praktikate nõuded meditsiinilaboris (edaspidi: labor).

STANDARDIPEALKIRJADE MUUTMINE

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

UUED EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
CEN/TR 15367-1:2020	Petroleum products - Guidelines for good housekeeping - Part 1: Automotive diesel fuels	Naftasaadused. Hea haldamise juhised. Osa 1: Mootorsõidukite diislikütused
EVS-EN 16630:2015	Permanently installed outdoor fitness equipment - Safety requirements and test methods	Püsivalt paigaldatud spordivarustus välistingimustes kasutamiseks. Ohutusnõuded ja katsemeetodid
EVS-EN 17333-2:2020	Characterisation of one component foam - Part 2: Expansion characteristics	Ühekomponentse vahu iseloomustamine. Osa 2: Paisumisomadused