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EVS koordinaator Katrin Kaasik (katrin@evs.ee)

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EVS koordinaator Katrin Kaasik (katrin@evs.ee)

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

CEN ISO/TR 18401:2020

Nanotechnologies - Plain language explanation of selected terms from the ISO/IEC 80004 series (ISO/TR 18401:2017)

ISO/TR 18401:2017 is intended to assist stakeholders who are making decisions about the direction, management and application of nanotechnologies to better understand selected key terms and definitions in the ISO/IEC 80004 vocabulary series for nanotechnologies.

Keel: en
Alusdokumendid: ISO/TR 18401:2017; CEN ISO/TR 18401:2020

CEN/TR 17512:2020

Personal protective equipment - Smart garments - Terms and definitions

This document lists terms and definitions related to core terms in the field of smart garments providing protection against heat and flame (i.e. advanced garments and ensembles of garments as mentioned in the Introduction). It is intended to facilitate communications, for example, between organizations and individuals in industry and those who interact with them.

Keel: en
Alusdokumendid: CEN/TR 17512:2020

EVS-EN 1504-2:2007/AC:2020

Betoonkonstruktsioonide kaitsmiseks ja parandamiseks kasutatavad tooted. Määratlused, nõuded, kvaliteedi-kontroll ja vastavuse hindamine. Osa 2: Betooni pinnakaitsesüsteemid Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 2: Surface protection systems for concrete

Standardi EVS-EN 1504-2:2007 parandus

Keel: et
Parandab dokumenti: EVS-EN 1504-2:2007

EVS-EN ISO 11532:2020

Aircraft ground equipment - Graphical symbols (ISO 11532:2018)

ISO 11532:2018 establishes common graphical symbols for use on all types of aircraft ground support equipment. They have been compiled for the benefit of those who deal with such equipment, such as airlines, airport handling agencies, airport authorities, manufacturers, etc., in order to facilitate fast and accurate identification of controls, indicators and decals of powered and unpowered equipment. The presentation of this document is based on the recommendations of ISO/TC 145, Graphical symbols. ISO 11532:2018 is also intended to promote standardization of terms for controls, indicators, etc. for aircraft ground support equipment and alleviate language problems. These graphical symbols are intended to be placed on all new equipment and retrofitted on all existing equipment as far as possible. NOTE This document is intended to be read with the documents listed in the bibliography.

Keel: en
Alusdokumendid: ISO 11532:2018; EN ISO 11532:2020

EVS-EN ISO 128-1:2020

Technical product documentation (TPD) - General principles of representation - Part 1: Introduction and fundamental requirements (ISO 128-1:2020)

This document gives general rules for the execution of technical drawings (2D and 3D), as well as presenting the structure of the other parts of the ISO 128 series. This document is applicable to technical drawing in the fields of mechanical engineering, construction, architecture and shipbuilding. It is applicable to both manual and computer-based technical drawings. For the purpose of this document the term "technical drawing" shall be interpreted in the broadest possible sense, encompassing the total package of documentation specifying the product (workpiece, subassembly, assembly).

Keel: en
Alusdokumendid: ISO 128-1:2020; EN ISO 128-1:2020

EVS-EN ISO 128-100:2020

Technical product documentation - General principles of representation - Part 100: Index (ISO 128-100:2020)

This document presents an index of the terms used in the ISO 128 series in English, French, German, Chinese, Russian and Japanese.

Keel: en

Alusdokumendid: ISO 128-100:2020; EN ISO 128-100:2020

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

CWA 17514:2020

Systematic assessment of innovative solutions for crisis management - Trial guidance methodology

This document defines a methodology that enables a systematic assessment of one or more socio-technical solutions (hardware, software, training, procedure, or a mix of those) within a realistic crisis management scenario. The target group of the CWA are crisis management practitioners concerned with innovation or procurement, public authorities concerned with procurement (or writing tenders), as well as research and development departments in industry and research.

Keel: en
Alusdokumendid: CWA 17514:2020

EVS-EN 13850:2020

Postiteenused. Teenuse kvaliteet. Prioriteetsete ja esimese klassi üksikute kirisaadetiste kulgemisaja mõõtmine postitamisest kättetoimetamiseni
Postal services - Quality of services - Measurement of the transit time of end-to-end services for single piece priority mail and first class mail

This European Standard specifies methods for measuring the end-to-end transit time of domestic and cross-border Single Piece Priority Mail (SPPM), collected, processed and delivered by postal service operators. It considers methods using representative end-to-end samples for all types of single piece priority mail services for addressed mail with defined transit-time service levels offered to the customer. This standard is applicable to the measurement of End-to-End priority mail services. The standardized QoS-measurement method provides a uniform way for measuring the end-to-end transit time of postal items. Using a standardized measurement method will assure that the measurement will be done in an objective and equal way for all operators in accordance with the requirements of the Postal Directive 97/67/EC and its amendments. This European Standard is mandatory and mainly used for performance measurement connected to requirements of the Universal Postal Service; domestic and international (UNEX).

Keel: en
Alusdokumendid: EN 13850:2020
Asendab dokumenti: EVS-EN 13850:2012

EVS-EN ISO 22418:2020

Intelligent transport systems - Fast service announcement protocol (FSAP) for general purposes in ITS (ISO 22418:2020)

This document specifies the fast service announcement protocol (FSAP) for general purposes in ITS. It references and supports all features of ISO/TS 16460, especially supporting the service response message (SRM) and related features in addition to the service announcement message (SAM), which enables only very basic features. FSAP supports locally advertised ITS services uniquely identified by an ITS application identifier (ITS-AID). This document specifies message formats and related basic protocol procedures by reference to ISO/TS 16460, and further related protocol requirements for operation of FSAP in the context of an ITS station specified in ISO 21217. This document illustrates its relations to service announcement protocols specified by ETSI TC ITS and IEEE.

Keel: en
Alusdokumendid: ISO 22418:2020; EN ISO 22418:2020

07 LOODUS- JA RAKENDUSTEADUSED

CEN ISO/TR 18401:2020

Nanotechnologies - Plain language explanation of selected terms from the ISO/IEC 80004 series (ISO/TR 18401:2017)

ISO/TR 18401:2017 is intended to assist stakeholders who are making decisions about the direction, management and application of nanotechnologies to better understand selected key terms and definitions in the ISO/IEC 80004 vocabulary series for nanotechnologies.

Keel: en
Alusdokumendid: ISO/TR 18401:2017; CEN ISO/TR 18401:2020

11 TERVISEHOOLDUS

EVS-EN 17398:2020

Patient involvement in health care - Minimum requirements for person-centred care

This document specifies minimum requirements for patient involvement in health care services with the aim to create favourable structural conditions for person-centred care. It is applicable for use before, during and after the actual care that is provided by the care personnel. This document is also applicable for use on a strategic level for quality assurance and quality improvement,

for procurement, educational and supervisory purposes and as a guiding document for research and development projects in the field of intervention and implementation of personcentred care.

Keel: en
Alusdokumendid: EN 17398:2020

EVS-EN ISO 9170-1:2020

Meditsiinilise gaasi torusüsteemid. Osa 1: Liitmikud kokkusurutud meditsiinilise gaasi ja vaakumi jaoks

Terminal units for medical gas pipeline systems - Part 1: Terminal units for use with compressed medical gases and vacuum (ISO 9170-1:2017)

ISO 9170-1:2017 is intended especially to ensure the gas-specific assembly, mechanical resistance, flow, leakage and pressure drop of terminal units and to prevent their interchange between different gases and services and applies to terminal units: a) intended for use in medical gas pipeline systems in accordance with ISO 7396-1; b) used as pressure outlets on pressure regulators in accordance with ISO 10524-1; c) used as pressure outlets on pressure regulators integrated with cylinder valves (VIPR) in accordance with ISO 10524-3. ISO 9170-1:2017 applies to terminal units for use with the following gases for administration to patients or for medical uses (A): - oxygen (A); - nitrous oxide (A); - medical air (A); - carbon dioxide (A); - oxygen/nitrous oxide mixture (A); - helium/oxygen mixtures (A); - oxygen 93 (A); - gases and gas mixtures classified as medical device (A); - gases delivered to medical devices or intended for medical purposes (A); - gases and gas mixtures for medicinal use not specified above (A). ISO 9170-1:2017 applies to terminal units for use with the following gases (B): - air for driving surgical tools (B); - nitrogen for driving surgical tools (B). This document applies to terminal units for use with vacuum systems (C). NOTE The requirements of this document can be used as guidelines for terminal units for other gases. These other gases will be considered for inclusion in this document when they come into general use. ISO 9170-1:2017 specifies requirements for terminal units for supply and disposal of nitrogen and air for driving surgical tools. ISO 9170-1:2017 specifies requirements for probes intended to be connected to the gas-specific connection point. ISO 9170-1:2017 does not specify the dimensions of probes or of the gas-specific connection points. NOTE Regional or national standards specifying dimensions of probes and gas-specific connection points are given in the Bibliography. Other connection systems in national use may be acceptable under this document. Dimensioning for such connections will be specified by their respective national standards. ISO 9170-1:2017 does not specify the requirements for terminal units for anaesthetic gas scavenging systems (AGSS), which are specified in ISO 9170-2.

Keel: en
Alusdokumendid: ISO 9170-1:2017; EN ISO 9170-1:2020
Asendab dokumenti: EVS-EN ISO 9170-1:2008

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TR 17512:2020

Personal protective equipment - Smart garments - Terms and definitions

This document lists terms and definitions related to core terms in the field of smart garments providing protection against heat and flame (i.e. advanced garments and ensembles of garments as mentioned in the Introduction). It is intended to facilitate communications, for example, between organizations and individuals in industry and those who interact with them.

Keel: en
Alusdokumendid: CEN/TR 17512:2020

CWA 17553:2020

Community face coverings - Guide to minimum requirements, methods of testing and use

This document specifies the minimum requirements for single use or reusable community face coverings intended for general public. These minimum requirements include: - design, - performance, - test methods, - packaging, - marking and, - information for use. This document is not intended for community face coverings for juniors under the age of 3.

Keel: en
Alusdokumendid: CWA 17553:2020

EVS-EN 14451:2020

Devices to prevent pollution by backflow of potable water - In-line anti-vacuum valves DN 10 to DN 50 inclusive - Family D, type A

This document specifies the field of application, the dimensional, the physico-chemical, the design, the hydraulic, the mechanical, and the acoustic characteristics of in-line anti vacuum valve family D Type A. This document covers in-line anti vacuum valve family D Type A, intended to prevent pollution of potable water by backflow, caused by backsiphoning only. It is applicable to in-line anti vacuum valve in denominations DN 10 up to DN 50. It covers in-line anti vacuum valve of PN 10 that are capable of working without modification or adjustment: - at any pressure, up to 1 MPa (10 bar); - with any pressure variation, up to 1 MPa (10 bar); - in permanent duty at a limited temperature of 65 °C and for maximum 1 h at 90 °C. It specifies also the test methods and requirements for verifying their characteristics, the marking and the presentation at delivery.

Keel: en
Alusdokumendid: EN 14451:2020
Asendab dokumenti: EVS-EN 14451:2005

EVS-EN 15096:2020

Devices to prevent pollution by backflow of potable water - Hose Union anti-vacuum valves - DN 15 to DN 25 inclusive Family H, type B and type D - General technical specification

This document specifies: a) the field of application; b) the requirements of hose union anti vacuum valves; c) dimensional and physio-chemical properties, and properties of general hydraulic, mechanical and acoustic design of hose union anti-vacuum valves of nominal sizes DN 15 up to and including DN 25; d) marking and technical product information. This document specifies the characteristics of hose union anti-vacuum valves of nominal size DN 15 up to and including DN 25 that are suitable for use in drinking water systems at pressures up to and including 1 MPa (10 bar) and temperatures up to and including 65 °C and for 1 h at 90 °C. HB protects against back siphonage only and is installed in vertical downward flow position. HD protects against back flow and is installed in vertical downward flow position. HB and HD anti-vacuum valves are for installation exclusively at the connecting point between stop valve and hose in vertical downward flow position.

Keel: en
Alusdokumendid: EN 15096:2020
Asendab dokumenti: EVS-EN 15096:2008

EVS-EN 62745:2017/A11:2020

Safety of machinery - Requirements for cableless control systems of machinery

IEC 62745:2017(E) specifies requirements for the functionality and interfacing of cableless (for example, radio, infra-red) control systems that provide communication between operator control station(s) and the control system of a machine. Specific requirements are included for such operator control stations that are portable by the operator.

Keel: en
Alusdokumendid: EN 62745:2017/A11:2020
Muudab dokumenti: EVS-EN 62745:2017

EVS-EN IEC 60895:2020

Pingealune töö. Varjestav riietus
Live working - Conductive clothing

IEC 60895:2020 is applicable to conductive clothing, worn during live working (especially bare-hand working) on AC and DC electrical installations, to provide electrical continuity between all parts of the clothing and a reduction of electric field inside the clothing. This document is applicable to conductive clothing assembled from a conductive garment (jackets and trousers or coveralls forming a one-piece garment) and from conductive component parts (gloves, hoods or helmets, shoes or boots, overshoe socks and socks) in electrical systems with nominal voltage up to 1 000 kV AC and up to ±800 kV DC. This document does not indicate values of protection from the effects of the electric arc, because any value indicated would not guarantee the necessary protection from the effects of electric arcs, or the operator would need to wear very heavy and rigid conductive clothing, which would not allow the execution of the work in safety. The products designed and manufactured according to this document contribute to the safety of the users provided they are used by persons trained for the work, in accordance with the live working methods and the instructions for use. This third edition cancels and replaces the second edition, published in 2002. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) increase of the use up to 1 000 kV AC and ±800 kV DC; b) introduction of two classes of conductive clothing with different electrical requirements; c) revision of the electrical requirements of conductive clothing; d) definition of specific resistance values for each component part of the conductive clothing; e) introduction of conductive helmet and conductive scarf as component parts of conductive clothing; f) introduction of mechanical requirements and new tests for fabrics; g) update of the cleaning test procedures; h) revision of the efficiency test of the conductive clothing to improve the feasibility and repeatability; i) preparation of the elements of classification of defects, and general application of IEC 61318:2007; j) the normative Annex B for the classification of tests has been replaced by normative Annex C for the general type tests procedure, the normative Annex D for the classification of defects and the informative Annex E providing the justification for the classification of defects; k) the normative Annex C on sampling procedure has been deleted (not applicable according to IEC 61318:2007); l) modification of the recommended frequency of the periodic tests.

Keel: en
Alusdokumendid: IEC 60895:2020; EN IEC 60895:2020
Asendab dokumenti: EVS-EN 60895:2004

EVS-EN ISO 1182:2020

Reaction to fire tests for products - Non-combustibility test (ISO 1182:2020)

This document specifies a test method for determining the non-combustibility performance, under specified conditions, of homogeneous products and substantial components of non-homogeneous products. Information on the precision of the test method is given in Annex A.

Keel: en
Alusdokumendid: ISO 1182:2020; EN ISO 1182:2020
Asendab dokumenti: EVS-EN ISO 1182:2010

EVS-EN ISO 16558-1:2015/A1:2020

Soil quality - Risk-based petroleum hydrocarbons - Part 1: Determination of aliphatic and aromatic fractions of volatile petroleum hydrocarbons using gas chromatography (static headspace method) - Amendment 1 (ISO 16558-1:2015/Amd 1:2020)

Amendment for EN ISO 16558-1:2015

Keel: en

Alusdokumendid: ISO 16558-1:2015/Amd 1:2020; EN ISO 16558-1:2015/A1:2020
Muudab dokumenti: EVS-EN ISO 16558-1:2015

EVS-EN ISO 21365:2020

Soil quality - Conceptual site models for potentially contaminated sites (ISO 21365:2019)

This document provides guidance on developing and using conceptual site models (CSMs) through the various phases of investigation, remediation (if required), and any subsequent construction or engineering works. It describes what CSMs are, what they are used for and what their constituents are. It stresses the need for an iterative and dynamic approach to CSM development. This document is intended to be used by all those involved in developing CSMs and by those who rely on using them such as regulators, landowners, developers, and the public (and other relevant parties). Ideally, this includes representatives from all phases of the investigative and remedial processes, for example, preliminary assessment, detailed investigation, baseline human health and environmental risk assessments, and feasibility study, and, any subsequent construction or engineering work. NOTE 1 This document is applicable whenever the presence of "potentially harmful" or "hazardous" substances are present irrespective of whether they are naturally occurring or present due to human activity (i.e. are "contaminants"). NOTE 2 Although most of the principles described for developing CSMs in this document can apply to other domains, such as groundwater resources management, the present document is specifically written for the management of potentially contaminated sites or known contaminated sites.

Keel: en
Alusdokumendid: ISO 21365:2019; EN ISO 21365:2020

EVS-EN ISO 9241-110:2020

Ergonomics of human-system interaction - Part 110: Interaction principles (ISO 9241-110:2020)

This document describes principles for interaction between a user and a system that are formulated in general terms (i.e. independent of situations of use, application, environment or technology). This document provides a framework for applying those interaction principles and the general design recommendations for interactive systems. While this document is applicable to all types of interactive systems, it does not cover the specifics of every application domain (e.g. safety critical systems, collaborative work, artificial intelligence features). It is intended for the following audiences: — analysts of requirements (including market requirements, user requirements, and system requirements); — designers of user interface development tools and style guides to be used by user interface designers and developers; — designers of user interfaces who will apply the guidance during the design activities (either directly, based on training, or by using tools and style guides which incorporate the guidance); — developers who will apply the guidance during the development process; — evaluators who are responsible for ensuring that products meet the general design recommendations contained in this document; — buyers who will reference this document in contracts during product procurement. This document focuses on interaction principles related to the design of interactions between user and interactive system. ISO 9241-112 provides further guidance on the presentation of information. This document does not consider any other aspect of design such as marketing, aesthetics and corporate identity.

Keel: en
Alusdokumendid: ISO 9241-110:2020; EN ISO 9241-110:2020
Asendab dokumenti: EVS-EN ISO 9241-110:2006

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN IEC 60565-1:2020

Underwater acoustics - Hydrophones - Calibration of hydrophones - Part 1: Procedures for free-field calibration of hydrophones

IEC 60565-1:2020 specifies methods and procedures for free-field calibration of hydrophones, as well as individual electroacoustic transducers that can be used as hydrophones (receivers) and/or projectors (source transducers). Two general types of calibration are covered within this document: absolute calibration using the method of three-transducer spherical-wave reciprocity, and relative calibration by comparison with a reference device which has already been the subject of an absolute calibration. The maximum frequency range of the methods specified in this document is from 200 Hz to 1 MHz. The lowest acoustic frequency of application will depend on a number of factors, and will typically be in the range 200 Hz to 5 kHz depending mainly on the dimensions of the chosen test facility, The highest frequency of application for the methods described here is 1 MHz. Procedures for pressure hydrophone calibration at low frequencies can be found in IEC 60565 2 [1] . Procedures for hydrophone calibration at acoustic frequencies greater than 1 MHz are covered by IEC 62127-2 [2]. Excluded from the scope of this document are low-frequency pressure calibrations of hydrophones, which are described in IEC 60565-2 [1]. Also excluded are calibrations of digital hydrophones and systems, calibration of marine autonomous acoustic recorders, calibration of acoustic vector sensors such as particle velocity sensors and pressure gradient hydrophones, calibration of passive sonar arrays consisting of multiple hydrophones, and calibration of active sonar arrays consisting of projectors and hydrophones. This document presents a description of the requirements for free-field calibration in terms of test facility, equipment and instrumentation, signal processing, and frequency limitations. A description of achievable uncertainty and rules for the presentation of the calibration data are provided. Also included are informative annexes that provide additional guidance on • measurement of directional response of a hydrophone or projector, • measurement of electrical impedance of hydrophones and projectors, • electrical loading corrections, • acoustic far-field criteria in underwater acoustic calibration, • pulsed techniques in free-field calibrations, • assessment of uncertainty in the free-field calibration of hydrophones and projectors, • derivation of the formulae for three-transducer spherical-wave reciprocity calibrations, • calibration using travelling-wave tubes, • calibration of hydrophones using optical interferometry, and • calibrations in reverberant water tanks using continuous signals. IEC 60565-1:2020 together with IEC 60565-2:2019, cancels and replaces the second edition of IEC 60565 published in 2006. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: 1) removal of all descriptions of methods for pressure calibrations of hydrophones – these are now included in Part 2; 2) removal of the derivations of formulae for free-field reciprocity calibration (both amplitude sensitivity and phase sensitivity) and placement of these into an informative annex; 3)

inclusion within the scope of the calibration of the transmitting response of individual source transducers and hydrophones (but not sonar arrays).

Keel: en
Alusdokumendid: IEC 60565-1:2020; EN IEC 60565-1:2020
Asendab dokumenti: EVS-EN 60565:2007

EVS-EN IEC 62056-8-8:2020

Electricity metering data exchange - The DLMS/COSEM suite - Part 8-8: Communication profile for ISO/IEC 14908 series networks

IEC 62056-8-8:2020 describes how the DLMS/COSEM Application layer and the COSEM object model, as specified in IEC 62056-5-3:2017, IEC 62056-6-1:2017 and IEC 62056-6-2:2017, can be used over the lower layers specified in the IEC 14908 series, forming a DLMS/COSEM ISO/IEC 14908 communication profile. This document is part of the IEC 62056 series. Its structure follows IEC 62056-1-0 and IEC TS 62056-1-1.

Keel: en
Alusdokumendid: IEC 62056-8-8:2020; EN IEC 62056-8-8:2020

19 KATSETAMINE

EVS-EN IEC 60721-3-0:2020

Classification of environmental conditions - Part 3-0: Classification of groups of environmental parameters and their severities - Introduction

IEC 60721-3-0:2020 provides guidance on the use of all parts of IEC 60721-3. It contains background information including information on the application and limitation of the classes given in various parts of IEC 60721-3 which can be used in the design, limitation of conditions and protection of equipment. This second edition cancels and replaces the first edition published in 1984 and Amendment 1:1987. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) This edition has been extensively simplified to only provide necessary information with regard to the process given in the other parts of IEC 60721-3 and information on class severity has been updated.

Keel: en
Alusdokumendid: IEC 60721-3-0:2020; EN IEC 60721-3-0:2020
Asendab dokumenti: EVS-EN 60721-3-0:2002

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 14451:2020

Devices to prevent pollution by backflow of potable water - In-line anti-vacuum valves DN 10 to DN 50 inclusive - Family D, type A

This document specifies the field of application, the dimensional, the physico-chemical, the design, the hydraulic, the mechanical, and the acoustic characteristics of in-line anti vacuum valve family D Type A. This document covers in-line anti vacuum valve family D Type A, intended to prevent pollution of potable water by backflow, caused by backsiphoning only. It is applicable to in-line anti vacuum valve in denominations DN 10 up to DN 50. It covers in-line anti vacuum valve of PN 10 that are capable of working without modification or adjustment: - at any pressure, up to 1 MPa (10 bar); - with any pressure variation, up to 1 MPa (10 bar); - in permanent duty at a limited temperature of 65 °C and for maximum 1 h at 90 °C. It specifies also the test methods and requirements for verifying their characteristics, the marking and the presentation at delivery.

Keel: en
Alusdokumendid: EN 14451:2020
Asendab dokumenti: EVS-EN 14451:2005

EVS-EN 15096:2020

Devices to prevent pollution by backflow of potable water - Hose Union anti-vacuum valves - DN 15 to DN 25 inclusive Family H, type B and type D - General technical specification

This document specifies: a) the field of application; b) the requirements of hose union anti vacuum valves; c) dimensional and physio-chemical properties, and properties of general hydraulic, mechanical and acoustic design of hose union anti-vacuum valves of nominal sizes DN 15 up to and including DN 25; d) marking and technical product information. This document specifies the characteristics of hose union anti-vacuum valves of nominal size DN 15 up to and including DN 25 that are suitable for use in drinking water systems at pressures up to and including 1 MPa (10 bar) and temperatures up to and including 65 °C and for 1 h at 90 °C. HB protects against back siphonage only and is installed in vertical downward flow position. HD protects against back flow and is installed in vertical downward flow position. HB and HD anti-vacuum valves are for installation exclusively at the connecting point between stop valve and hose in vertical downward flow position.

Keel: en
Alusdokumendid: EN 15096:2020
Asendab dokumenti: EVS-EN 15096:2008

EVS-EN 17152-1:2019/AC:2020

Plastics piping systems for non-pressure underground conveyance and storage of non-potable water - Boxes used for infiltration, attenuation and storage systems - Part 1: Specifications for storm water boxes made of PP and PVC-U

Corrigendum for EN 17152-1:2019

Keel: en
Alusdokumendid: EN 17152-1:2019/AC:2020
Parandab dokumenti: EVS-EN 17152-1:2019

EVS-EN 17339:2020

Transportable gas cylinders - Fully wrapped carbon composite cylinders and tubes for hydrogen

This document specifies minimum requirements for the materials, design, construction, prototype testing and routine manufacturing inspections of composite gas cylinders and tubes for compressed hydrogen. NOTE 1 Unless specified in the text, for the purposes of this document, the word "cylinder" includes tubes. This document applies only to fully wrapped composite cylinders with carbon fibres intended to be permanently mounted in a frame (e.g. bundle or trailer) with a test pressure of not less than 300 bar, with: - non-metallic liners or seamless metallic liners; - a maximum water capacity of 3 000 l; - a maximum working pressure of 1 000 bar; - the product of working pressure times water capacity (p × V) not exceeding 1 000 000 bar.l. NOTE 2 A glass fibre protective layer is sometimes applied to the external surface of the cylinder.

Keel: en
Alusdokumendid: EN 17339:2020

EVS-EN ISO 10893-1:2011/A1:2020

Non-destructive testing of steel tubes - Part 1: Automated electromagnetic testing of seamless and welded (except submerged arc-welded) steel tubes for the verification of hydraulic leaktightness - Amendment 1: Change of dimensions of the reference notch; change acceptance criteria (ISO 10893-1:2011/Amd 1:2020)

Amendment for EN ISO 10893-1:2011

Keel: en
Alusdokumendid: ISO 10893-1:2011/Amd 1:2020; EN ISO 10893-1:2011/A1:2020
Muudab dokumenti: EVS-EN ISO 10893-1:2011

EVS-EN ISO 10893-12:2011/A1:2020

Non-destructive testing of steel tubes - Part 12: Automated full peripheral ultrasonic thickness testing of seamless and welded (except submerged arc-welded) steel tubes - Amendment 1: Change of acceptance criteria (ISO 10893-12:2011/Amd 1:2020)

Amendment for EN ISO 10893-12:2011

Keel: en
Alusdokumendid: ISO 10893-12:2011/Amd 1:2020; EN ISO 10893-12:2011/A1:2020
Muudab dokumenti: EVS-EN ISO 10893-12:2011

EVS-EN ISO 11114-1:2020

Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 1: Metallic materials (ISO 11114-1:2020)

This document provides requirements for the selection of safe combinations of metallic cylinder and valve materials and cylinder gas content. The compatibility data given is related to single gases and to gas mixtures. Seamless metallic, welded metallic and composite gas cylinders and their valves, used to contain compressed, liquefied and dissolved gases are considered. NOTE In this document the term "cylinder" refers to transportable pressure receptacles, which also include tubes and pressure drums. Aspects such as the quality of delivered gas product are not considered.

Keel: en
Alusdokumendid: ISO 11114-1:2020; EN ISO 11114-1:2020
Asendab dokumenti: EVS-EN ISO 11114-1:2012
Asendab dokumenti: EVS-EN ISO 11114-1:2012/A1:2017

EVS-EN ISO 16148:2016/A1:2020

Gaasiballoonid. Korduvtäidetavad õmblusteta terasest gaasiballoonid ja -torud. Akustoemissioonkontroll (AT) ja järeluuringuna ultrahelikontroll (UT) perioodiliseks inspekteerimiseks ja katsete teostamiseks
Gas cylinders - Refillable seamless steel gas cylinders and tubes - Acoustic emission examination (AT) and follow-up ultrasonic examination (UT) for periodic inspection and testing - Amendment 1 (ISO 16148:2016/Amd 1:2020)

Amendment for EN ISO 16148:2016

Keel: en
Alusdokumendid: ISO 16148:2016/Amd 1:2020; EN ISO 16148:2016/A1:2020
Muudab dokumenti: EVS-EN ISO 16148:2016

25 TOOTMISTEHNOLOOGIA

EVS-EN IEC 60519-8:2020

Safety in Installations for electroheating and electromagnetic processing - Part 8: Particular requirements for electroslag remelting furnaces

IEC 60519-8:2020 specifies particular safety requirements for electroslag remelting equipment and installations. This document specifies safety requirements applicable to mainly electroheating installations for remelting and, in some cases, for refining processes of metals through direct resistance heating of a conductive slag. The object of this document is to specify the particular requirements for the safety of persons in or around an electroslag remelting furnace. The general requirements are included in IEC 60519-1. This third edition cancels and replaces the second edition published in 2005. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) the structure has been redrafted according to IEC 60519-1:2020; b) the Scope has been redrafted; c) the terms and definitions, normative references and bibliography have been updated and completed; d) all requirements and content from IEC 60519-8:2005 that have been included in IEC 60519-1:2020 have been removed to avoid any duplication.

Keel: en
Alusdokumendid: IEC 60519-8:2020; EN IEC 60519-8:2020
Asendab dokumenti: EVS-EN 60519-8:2005

EVS-EN IEC 62769-103-1:2020

Field Device Integration (FDI) - Part 103-1: Profiles - PROFIBUS

IEC 62769-103-1:2020 specifies an FDI profile of IEC 62769 for IEC 61784 1_CP 3/1 (PROFIBUS DP) and IEC 61784 1_CP3/2 (PROFIBUS PA). This second edition cancels and replaces the first edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) support for generic protocol extension for faster adoption of other technologies; b) support for Package Developers to build EDDs targeted for today's EDD bases system under a single development tool.

Keel: en
Alusdokumendid: IEC 62769-103-1:2020; EN IEC 62769-103-1:2020
Asendab dokumenti: EVS-EN 62769-103-1:2015

EVS-EN IEC 62769-103-4:2020

Field Device Integration (FDI) - Part 103-4: Profiles - PROFINET

IEC 62769-103-4:2020 specifies an FDI profile of IEC 62769 for IEC 61784-2_CP 3/4, IEC 61784-2_CP3/5 and IEC 61784-2_CP3/6 (PROFINET). This second edition cancels and replaces the first edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) support for generic protocol extension for faster adoption of other technologies; b) support for Package Developers to build EDDs targeted for today's EDD bases system under a single development tool.

Keel: en
Alusdokumendid: IEC 62769-103-4:2020; EN IEC 62769-103-4:2020
Asendab dokumenti: EVS-EN 62769-103-4:2015

EVS-EN IEC 62769-109-1:2020

Field Devices Integration (FDI) - Part 109-1: Profiles - HART® and WirelessHART®

IEC 62769-109-1:2020 specifies an FDI profile of IEC 62769 for IEC 61784 1_CP 9/1 (HART®) and IEC 61784 1_CP 9/2 (WirelessHART®). This second edition cancels and replaces the first edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) support for generic protocol extension for faster adoption of other technologies; b) support for Package Developers to build EDDs targeted for today's EDD bases system under a single development tool.

Keel: en
Alusdokumendid: IEC 62769-109-1:2020; EN IEC 62769-109-1:2020
Asendab dokumenti: EVS-EN 62769-109-1:2015

EVS-EN IEC 62841-3-9:2020

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-9: Erinõuded transporditavatele nurgasaagidele
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-9: Particular requirements for transportable mitre saws

IEC 62841-3-9:2020 applies to transportable mitre saws intended to be used with a toothed saw blade for cutting wood and analogous materials, plastics and nonferrous metals except magnesium with a saw blade diameter not exceeding 410 mm, which hereinafter might simply be referred to as saw or tool. This International Standard does not apply to mitre saws intended to cut other metals, such as magnesium, steel and iron. This document does not apply to mitre saws with an automatic feeding device. Transportable saws intended to cut ferrous metals will be covered by a future part of IEC 62841-3. This document does not apply to saws designed for use with abrasive wheels. Transportable tools designed for use with abrasive wheels are covered by IEC

62841-3-10. This document does not apply to tools combining the function of a mitre saw with the function of a table saw. Transportable tools combining the function of a mitre saw with the function of a table saw are covered by by a future part of IEC 62841-3. This second edition cancels and replaces the first edition published in 2014. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - Clause 1: Scope: increase of the maximum saw blade diameter to 410 mm; - Corrigendum 1 and Corrigendum 2 of the first edition have been incorporated in this second edition. This Part 3-9 is to be used in conjunction with the IEC 62841-1:2014.

Keel: en
Alusdokumendid: IEC 62841-3-9:2020; EN IEC 62841-3-9:2020
Asendab dokumenti: EVS-EN 62841-3-9:2015
Asendab dokumenti: EVS-EN 62841-3-9:2015/A11:2017
Asendab dokumenti: EVS-EN 62841-3-9:2015/AC:2016

EVS-EN IEC 62841-3-9:2020/A11:2020

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-9: Erinõuded transporditavatele nurgasaagidele
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-9: Particular requirements for transportable mitre saws

Standardi EN IEC 62841-3-9:2020 muudatus

Keel: en
Alusdokumendid: EN IEC 62841-3-9:2020/A11:2020
Muudab dokumenti: EVS-EN IEC 62841-3-9:2020

EVS-EN ISO/ASTM 52904:2020

Additive manufacturing - Process characteristics and performance - Practice for metal powder bed fusion process to meet critical applications (ISO/ASTM 52904:2019)

1.1 This practice describes the operation and production control of metal powder bed fusion (PBF) machines and processes to meet critical applications such as commercial aerospace components and medical implants. The requirements contained herein are applicable for production components and mechanical test specimens using powder bed fusion (PBF) with both laser and electron beams. 1.2 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appro-priate safety, health, and environmental practices and deter-mine the applicability of regulatory limitations prior to use. 1.3 This international standard was developed in accor-dance with internationally recognized principles on standard-ization established in the Decision on Principles for the Development of International Standards, Guides and Recom-mendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.

Keel: en
Alusdokumendid: ISO/ASTM 52904:2019; EN ISO/ASTM 52904:2020

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN IEC 61400-6:2020

Wind energy generation systems - Part 6: Tower and foundation design requirements

IEC 61400-6:2020 specifies requirements and general principles to be used in assessing the structural integrity of onshore wind turbine support structures (including foundations). The scope includes the geotechnical assessment of the soil for generic or site specific purposes. The strength of any flange and connection system connected to the rotor nacelle assembly (including connection to the yaw bearing) are designed and documented according to this document or according to IEC 61400-1. The scope includes all life cycle issues that may affect the structural integrity such as assembly and maintenance.

Keel: en
Alusdokumendid: IEC 61400-6:2020; EN IEC 61400-6:2020

EVS-EN IEC 62282-2-100:2020

Fuel cell technologies - Part 2-100: Fuel cell modules - Safety

IEC 62282-2-100:2020 provides safety related requirements for construction, operation under normal and abnormal conditions and the testing of fuel cell modules. This document deals with conditions that can yield hazards to persons and cause damage outside the fuel cell modules. Protection against damage inside the fuel cell modules is not addressed in this document, provided it does not lead to hazards outside the module. These requirements can be superseded by other standards for equipment containing fuel cell modules as required for particular applications. This first edition cancels and replaces IEC 62282-2, published in 2012. This edition includes the following significant technical changes with respect to IEC 62282-2:2012: • update of definitions, in particular fuel cell module for normal operation; • leakage values under normal and abnormal operation have been addressed; • a delayed ignition test has been included; • protective measures to limit gas leakage have been included; • the requirements for insulation between live parts and SELV have been updated; • the general safety strategy has been modified to reflect the needs for different application standards; the modifications are in line with similar modifications made to IEC 62282-3-100; • the electrical components clause has been modified to reflect the needs for different application standards; the modifications are in line with similar modifications made to IEC 62282-3-100; • protective earthing as part of the module or bonding as a measure within the installation has been introduced; • a dielectric strength test has been completely updated by referring to IEC 62744-1 for voltages up to 1 000 V AC/1 500 V DC; • a new “pressure drop method” leakage test method has been included; • a new Annex addressing significant hazards, hazardous situations and events dealt with in this document, and linked to 4.1 (General safety strategy) has been added.

Keel: en

Alusdokumendid: IEC 62282-2-100:2020; EN IEC 62282-2-100:2020
Asendab dokumenti: EVS-EN 62282-2:2012

EVS-EN IEC 62788-1-7:2020

Measurement procedures for materials used in photovoltaic modules - Part 1-7: Encapsulants - Test procedure of optical durability

IEC 62788-1-7:2020 is designed as a more rigorous qualification test, using accelerated UV exposure at elevated temperature to determine whether polymeric encapsulants can suffer loss of optical transmittance. IEC 61215-2 already includes a UV preconditioning test (MQT 10), however, the parameters for that test only represent a limited level of exposure (~weeks of UV dose). This test procedure is intended for representative coupon specimens, applying stress at a greater intensity (designed relative to Phoenix, AZ), using a radiation spectrum that is more similar to the terrestrial solar spectrum, and using a duration of exposure that is more relevant to the PV application (i.e., equivalent to several years of outdoor exposure). This test quantifies the degradation rate of encapsulants so that the risk of the materials losing optical transmittance during operation in the terrestrial environments can be managed. The quantitative correlation between climate (or location of use), a specific application (utility installation, residential-installation, roof-mount, rack-mount, use of a tracker, the system electrical configuration and its operation), and the test can be established for each specific encapsulant material, but is beyond the scope of this document.

Keel: en
Alusdokumendid: IEC 62788-1-7:2020; EN IEC 62788-1-7:2020

EVS-EN IEC 63132-3:2020

Guidance for installation procedures and tolerances of hydroelectric machines - Part 3: Vertical Francis turbines or pump-turbines

IEC 63132-3:2020: The purpose of this this part of IEC 63132 is to establish, in a general way, suitable procedures and tolerances for the installation of a vertical Francis turbine or pump-turbine. This document presents a typical assembly and whenever the word “turbine” is used in this document, it refers to a vertical Francis turbine or a pump-turbine. There are many possible ways to assemble a unit. The size of the machine, design of the machine, layout of the powerhouse or delivery schedule of the components are some of the elements that could result in additional steps, the elimination of some steps and/or assembly sequences. It is understood that a publication of this type will be binding only if, and to the extent that, both contracting parties have agreed upon it. This document excludes matters of purely commercial interest, except those inextricably bound up with the conduct of installation. The tolerances in this document have been established upon best practices and experience, although it is recognized that other standards specify different tolerances. Wherever this document specifies that documents, drawings or information is supplied by a manufacturer (or by manufacturers), each individual manufacturer will furnish the appropriate information for their own supply only.

Keel: en
Alusdokumendid: IEC 63132-3:2020; EN IEC 63132-3:2020

EVS-EN IEC 63132-4:2020

Guidance for installation procedures and tolerances of hydroelectric machines - Part 4: Vertical Kaplan or propeller turbines

IEC 63132-4:2020 The purpose of this this part of IEC 63132 is to establish, in a general way, suitable procedures and tolerances for the installation of a vertical Kaplan or propeller turbine. This document presents a typical assembly and whenever the word “turbine” is used in this document, it refers to a vertical Kaplan or propeller turbine. There are many possible ways to assemble a unit. The size of the machine, design of the machine, layout of the powerhouse or delivery schedule of the components are some of the elements that could result in additional steps, the elimination of some steps and/or assembly sequences. It is understood that a publication of this type will be binding only if, and to the extent that, both contracting parties have agreed upon it. This document excludes matters of purely commercial interest, except those inextricably bound up with the conduct of installation. The tolerances in this document have been established upon best practices and experience, although it is recognized that other standards specify different tolerances. Wherever this document specifies that documents, drawings or information is supplied by a manufacturer (or by manufacturers), each individual manufacturer will furnish the appropriate information for their own supply only.

Keel: en
Alusdokumendid: IEC 63132-4:2020; EN IEC 63132-4:2020

29 ELEKTROTEHNIKA

CLC/TS 50654-1:2020

HVDC Grid Systems and connected Converter Stations - Guideline and Parameter Lists for Functional Specifications - Part 1: Guidelines

1.1 General These Guidelines and Parameter Lists to Functional Specifications describe specific functional requirements for HVDC Grid Systems. The terminology "HVDC Grid Systems" is used here describing HVDC systems for power transmission having more than two converter stations connected to a common DC circuit. While this document focuses on requirements, that are specific for HVDC Grid Systems, some requirements are considered applicable to all HVDC systems in general, i.e. including point-to-point HVDC systems. Existing IEC, Cigré or other documents relevant have been used for reference as far as possible. Corresponding to electric power transmission applications, this document is applicable to high voltage systems, i.e. having typically nominal DC voltages higher than 50 kV with respect to earth are considered in this document. NOTE: While the physical principles of DC networks are basically voltage independent, the technical options for designing equipment get much wider with lower DC voltage levels, e.g. in case of converters or switchgear. Both parts have the same outline and headlines to aid the reader. 1.2 About the Present Release The present release of the Guidelines and Parameter Lists for Functional Specifications

describes technical guidelines and specifications for HVDC Grid Systems which are characterized by having exactly one single connection between two converter stations, often referred to as radial systems. When developing the requirements for radial systems, care is taken not to build up potential showstoppers for meshed systems. Meshed HVDC Grid Systems can be included into this specification at a later point in time. The Guidelines and Parameter List to the Functional Specification of HVDC Grid Systems cover technical aspects of: - coordination of HVDC grid and AC systems - HVDC Grid System characteristics - HVDC Grid System control - HVDC Grid System protection - AC/DC converter stations - HVDC Grid System installations, including DC switching stations - models and validation - HVDC Grid System integration tests Beyond the present scope, the following content is proposed for future work: - transmission lines and transition stations - DC/DC converter stations - DC line power flow controllers

Keel: en
Alusdokumendid: CLC/TS 50654-1:2020
Asendab dokumenti: CLC/TS 50654-1:2018

CLC/TS 50654-2:2020

HVDC Grid Systems and connected Converter Stations - Guideline and Parameter Lists for Functional Specifications - Part 2: Parameter Lists

1.1 General These Guidelines and Parameter Lists to Functional Specifications describe specific functional requirements for HVDC Grid Systems. The terminology "HVDC Grid Systems" is used here describing HVDC systems for power transmission having more than two converter stations connected to a common DC circuit. While this document focuses on requirements, that are specific for HVDC Grid Systems, some requirements are considered applicable to all HVDC systems in general, i.e. including point-to-point HVDC systems. Existing IEC, Cigré or other documents relevant have been used for reference as far as possible. Corresponding to electric power transmission applications, this document is applicable to high voltage systems, i.e. only nominal DC voltages equal or higher than 50 kV with respect to earth are considered in this document. NOTE While the physical principles of DC networks are basically voltage independent, the technical options for designing equipment get much wider with lower DC voltage levels, e.g. in case of converters or switchgear. Both parts have the same outline and headlines to aid the reader. 1.2 About the present release The present release of the Guidelines and Parameter Lists for Functional Specifications describes technical guidelines and specifications for HVDC Grid Systems which are characterized by having exactly one single connection between two converter stations, often referred to as radial systems. When developing the requirements for radial systems, care is taken not to build up potential showstoppers for meshed systems. Meshed HVDC Grid Systems can be included into this specification at a later point in time. The Guidelines and Parameter List to the Functional Specification of HVDC Grid Systems cover technical aspects of: - coordination of HVDC grid and AC systems - HVDC Grid System characteristics - HVDC Grid System control - HVDC Grid System protection - AC/DC converter stations - HVDC Grid System installations, including DC switching stations - models and validation - HVDC Grid System integration tests Beyond the present scope, the following content is proposed for future work: - transmission lines and transition stations - DC/DC converter stations - DC line power flow controllers

Keel: en
Alusdokumendid: CLC/TS 50654-2:2020
Asendab dokumenti: CLC/TS 50654-2:2018

EVS-EN 62745:2017/A11:2020

Safety of machinery - Requirements for cableless control systems of machinery

IEC 62745:2017(E) specifies requirements for the functionality and interfacing of cableless (for example, radio, infra-red) control systems that provide communication between operator control station(s) and the control system of a machine. Specific requirements are included for such operator control stations that are portable by the operator.

Keel: en
Alusdokumendid: EN 62745:2017/A11:2020
Muudab dokumenti: EVS-EN 62745:2017

EVS-EN IEC 60034-5:2020

Rotating electrical machines - Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code) - Classification

IEC 60034-5:2020 applies to the classification of degrees of protection provided by enclosures for rotating electrical machines. It defines the requirements for protective enclosures that are in all other respects suitable for their intended use and which, from the point of view of materials and workmanship, ensure that the properties dealt with in this document are maintained under normal conditions of use. This document does not specify degrees of protection against mechanical damage of the machine, or conditions such as moisture (produced for example by condensation), corrosive dust and vapour, fungus or vermin. This document is also applicable to explosion proof machines, but it does not specify the types of protection for use in a potentially explosive (dust, gas) environment. Those are defined in the IEC 60079 series of standards. This document gives definitions for standard degrees of protection provided by enclosures applicable to rotating electrical machines as regards the: a. protection of persons against contacts with or approach to live parts and against contact with moving parts (other than smooth rotating shafts and the like) inside the enclosure and protection of the machine against ingress of solid foreign objects b. protection of machines against the harmful effects due to ingress of water; c. protection of machines against the harmful effects due to ingress of dust. This fifth edition cancels and replaces the fourth edition, published in 2000, and its Amendment 1:2006.The main technical changes with respect to the previous edition are: - the inclusion of an additional second numeral 9 including its test method, - an additional note for clarification in Table 3, - a clarification on the term open drain hole, - a clarification on the ingress of dust in Table 4, - pressure values given now in Pa only, - a clarification in the scope on the applicability of this standard for (Ex) motors, - a new Clause 3 with definitions,

Keel: en
Alusdokumendid: IEC 60034-5:2020; EN IEC 60034-5:2020
Asendab dokumenti: EVS-EN 60034-5:2002
Asendab dokumenti: EVS-EN 60034-5:2002/A1:2007

EVS-EN IEC 60076-22-7:2020

Power transformers - Part 22-7: Power transformer and reactor fittings - Accessories and fittings

IEC 60076-22-7:2020 applies to a selection of accessories and fittings mounted on liquid immersed power transformers according to IEC 60076-1 and reactors according to IEC 60076-6 with or without conservator for indoor or outdoor installation. It outlines the service conditions and the mechanical requirements that are common to all the accessories and fittings. This document also outlines the operation requirements specific to each device as well as the preferred dimensions relevant for interchangeability and the type and routine test to be performed.This document covers an exhaustive selection of the accessories and fittings that are currently used on transformers or reactors.

Keel: en
Alusdokumendid: IEC 60076-22-7:2020; EN IEC 60076-22-7:2020

EVS-EN IEC 60317-0-4:2020

Specifications for particular types of winding wires - Part 0-4: General requirements - Glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire

IEC 60317-0-4:2020 specifies general requirements of glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire.The range of nominal conductor dimensions is given in 4.1 and the relevant specification sheet. This fourth edition cancels and replaces the third edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - addition of dimensional requirements for grade 1 enamelled wire in Table 4; - addition of dielectric breakdown requirements for grade 1 enamelled wire in Table 7. - addition of requirement for the adherence test in 8.2.1 and 8.2.2.

Keel: en
Alusdokumendid: IEC 60317-0-4:2020; EN IEC 60317-0-4:2020
Asendab dokumenti: EVS-EN 60317-0-4:2016

EVS-EN IEC 60317-61:2020

Specifications for particular types of winding wires - Part 61: Polyester glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180

IEC 60317-61:2020 specifies the requirements of polyester glass-fibre wound, resin or varnish impregnated bare, grade 1 or grade 2 enamelled rectangular copper winding wires, temperature index 180. The impregnating agent can be, for instance, epoxy, polyester, or polyesterimide resin based. NOTE For this type of wire, the heat shock test is inappropriate and therefore a heat shock temperature cannot be established. Consequently, a class based on the requirements for temperature index and heat shock temperature cannot be specified. The range of nominal conductor dimensions covered by this document is: - width: min. 2,0 mm max. 16,0 mm; - thickness: min. 0,80 mm max. 5,60 mm. The specified combinations of width and thickness as well as the specified width/thickness ratio are according to IEC 60317-0-8. This second edition cancels and replaces the first edition published in 2012. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - revision of the title of the standard; - revision to Clause 1, Scope; - revision to the descriptions of grades of thickness of polyester glass-fibre coverings in 3.2.2.

Keel: en
Alusdokumendid: IEC 60317-61:2020; EN IEC 60317-61:2020
Asendab dokumenti: EVS-EN 60317-61:2012

EVS-EN IEC 60317-71:2020

Specifications for particular types of winding wires - Part 71: Polyester glass-fibre wound and resin or varnish impregnated, bare or enamelled round copper wire, temperature index 180

IEC 60317-71:2020 specifies the requirements of polyester glass-fibre wound resin/varnish impregnated, bare, grade 1 or grade 2 enamelled round copper winding wire, temperature index 180. NOTE For this type of wire, the heat shock test is inappropriate and therefore a heat shock temperature cannot be established. Consequently, a class based on the requirements for temperature index and heat shock temperature cannot be specified. The nominal conductor diameters are specified in IEC 60317-0-10:2017, Clause 4. This second edition cancels and replaces the first edition published in 2017. The document 55/1767/CDV, circulated to the National Committees as Amendment 1, led to the publication of this new edition. This edition includes the following significant technical changes with respect to the previous edition: - modification of the title; - revision to the Scope; - revision to 3.2.2.

Keel: en
Alusdokumendid: IEC 60317-71:2020; EN IEC 60317-71:2020
Asendab dokumenti: EVS-EN 60317-71:2017

EVS-EN IEC 60317-72:2020

Specifications for particular types of winding wires - Part 72: Polyester glass-fibre wound silicone resin/varnish impregnated, bare or enamelled round copper wire, temperature index 200

IEC 60317-72: 2020 specifies the requirements of polyester glass-fibre wound silicone resin/varnish impregnated, bare, grade 1 or grade 2 enamelled round copper winding wire, temperature index 200. NOTE For this type of wire, the heat shock test is inappropriate and therefore a heat shock temperature cannot be established. Consequently, a class based on the requirements for temperature index and heat shock temperature cannot be specified. The nominal conductor diameters are specified in IEC 60317-0-10:2017, Clause 4. This second edition cancels and replaces the first edition published in 2017. The document 55/1768/CDV, circulated to the National Committees as Amendment 1, led to the publication of this new edition. This edition

includes the following significant technical changes with respect to the previous edition: - modification of the title; - revision to the Scope; - revision to 3.2.2.

Keel: en
Alusdokumendid: IEC 60317-72:2020; EN IEC 60317-72:2020
Asendab dokumenti: EVS-EN 60317-72:2017

EVS-EN IEC 60895:2020

Pingealune töö. Varjestav riietus
Live working - Conductive clothing

IEC 60895:2020 is applicable to conductive clothing, worn during live working (especially bare-hand working) on AC and DC electrical installations, to provide electrical continuity between all parts of the clothing and a reduction of electric field inside the clothing. This document is applicable to conductive clothing assembled from a conductive garment (jackets and trousers or coveralls forming a one-piece garment) and from conductive component parts (gloves, hoods or helmets, shoes or boots, overshoe socks and socks) in electrical systems with nominal voltage up to 1 000 kV AC and up to ±800 kV DC. This document does not indicate values of protection from the effects of the electric arc, because any value indicated would not guarantee the necessary protection from the effects of electric arcs, or the operator would need to wear very heavy and rigid conductive clothing, which would not allow the execution of the work in safety. The products designed and manufactured according to this document contribute to the safety of the users provided they are used by persons trained for the work, in accordance with the live working methods and the instructions for use. This third edition cancels and replaces the second edition, published in 2002. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) increase of the use up to 1 000 kV AC and ±800 kV DC; b) introduction of two classes of conductive clothing with different electrical requirements; c) revision of the electrical requirements of conductive clothing; d) definition of specific resistance values for each component part of the conductive clothing; e) introduction of conductive helmet and conductive scarf as component parts of conductive clothing; f) introduction of mechanical requirements and new tests for fabrics; g) update of the cleaning test procedures; h) revision of the efficiency test of the conductive clothing to improve the feasibility and repeatability; i) preparation of the elements of classification of defects, and general application of IEC 61318:2007; j) the normative Annex B for the classification of tests has been replaced by normative Annex C for the general type tests procedure, the normative Annex D for the classification of defects and the informative Annex E providing the justification for the classification of defects; k) the normative Annex C on sampling procedure has been deleted (not applicable according to IEC 61318:2007); l) modification of the recommended frequency of the periodic tests.

Keel: en
Alusdokumendid: IEC 60895:2020; EN IEC 60895:2020
Asendab dokumenti: EVS-EN 60895:2004

EVS-EN IEC 61631:2020

Test method for the mechanical strength of cores made of magnetic oxides

IEC 61631:2020 specifies a test method for the mechanical strength of cores made of magnetic oxides. This test method is suitable for most of the E-cores, ETD-cores, I-cores and ring-cores but other core types such as U-cores could be tested according to a derived method agreed by the parties concerned. This document is also applicable to the mechanical strength measurement of magnetic powder cores. This edition includes the following significant technical changes with respect to the previous edition: - the phrase: "This document is also applicable to the mechanical strength measurement of magnetic powder cores" has been added in the scope; - IEC 61246 has been replaced by IEC 63093-8; EN 1002-2 has been replaced by ISO 7500-1; ISO 4677-1 and ISO 4677-2 have been withdrawn; - dimensions D and F in Figure A.1 and Table A.1 have been changed to be consistent with Figure 1 of IEC 63093-8:2018; - addition of the content of ring-cores test; - addition of Annex B; - the location of the jig is amended in Figure 3; - in Figure 5, the roller bars are moved to the edge of the I-core, aligned with the core.

Keel: en
Alusdokumendid: IEC 61631:2020; EN IEC 61631:2020
Asendab dokumenti: EVS-EN 61631:2002

EVS-EN IEC 63093-1:2020

Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 1: General specification

IEC 63093-1:2020 specifies the dimensions and allowable limits of surface irregularities of ferrite cores. It is intended that this document excludes ferrite cores which are specialty cores with limited use. Also, special cores which are only marginal variations upon standard cores are excluded. IEC publishes electrical standards for families of ferrite cores, as well as this series of dimensional standards for families of ferrite cores. Modifications to the ferrite cores listed in one type of standard are reflected in the other type. This document is considered as a general specification useful in the dialogue between ferrite core suppliers and users about surface irregularities. This first edition cancels and replaces the second edition of IEC 60424-1 published in 2015 and the first edition of IEC 62317-1 published in 2007. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous editions of IEC 60424-1 and IEC 62317-1: a) this document integrates IEC 60424-1 and IEC 62317-1.

Keel: en
Alusdokumendid: IEC 63093-1:2020; EN IEC 63093-1:2020
Asendab dokumenti: EVS-EN 60424-1:2016
Asendab dokumenti: EVS-EN 62317-1:2007

EVS-EN IEC 63093-9:2020

Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 9: Planar cores

IEC 63093-9:2020 specifies the shapes and dimensions of ferrite cores for inductive components (transformers and chokes), whose the coil is typically made of multi-layer boards (or the coil is part of the motherboard), and the effective parameter values used in calculations. This document gives guidelines on allowable limits of surface irregularities applicable to planar-cores as well. This document is considered as a sectional specification useful in the negotiation between ferrite core suppliers and users about surface irregularities. This first edition cancels and replaces the first edition of IEC 60424-5 published in 2009 and first edition of IEC 62317-9 published in 2006 and its Amendment 1:2007. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous editions of IEC 60424-5 and IEC 62317-9: a) IEC 63093-9 integrates IEC 60424-5 and IEC 62317-9; b) Table 1, Table 2 and Table 3 in IEC 60424-5:2009 have been moved to Annex B; c) some numbers are corrected in Table 4; d) Table 6 is amended following IEC 60205.

Keel: en
Alusdokumendid: IEC 63093-9:2020; EN IEC 63093-9:2020
Asendab dokumenti: EVS-EN 60424-5:2009
Asendab dokumenti: EVS-EN 62317-9:2006
Asendab dokumenti: EVS-EN 62317-9:2006/A1:2007

EVS-EN IEC 63129:2020

Determination of inrush current characteristics of lighting products

IEC 63129:2020 describes a method, based on measurements combined with calculations, to determine specific characteristics of the inrush current of single and/or multiple lighting products of the same type. Lighting products include the following: - light sources with integrated controlgear, - controlgear, - luminaires.

Keel: en
Alusdokumendid: IEC 63129:2020; EN IEC 63129:2020

31 ELEKTROONIKA

EVS-EN IEC 61189-5-504:2020

Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 5-504: General test methods for materials and assemblies - Process ionic contamination testing (PICT)

IEC 61189-5-504:2020 is a test method designed to determine the proportion of soluble ionic residues present upon a circuit board, electronic component or assembly. The conductivity of the solution used to dissolve the ionic residues is measured to evaluate the level of ionic residues.

Keel: en
Alusdokumendid: IEC 61189-5-504:2020; EN IEC 61189-5-504:2020

EVS-EN IEC 63155:2020

Guidelines for the measurement method of power durability for surface acoustic wave (SAW) and bulk acoustic wave (BAW) devices in radio frequency (RF) applications

This document defines the measurement method for the determination of the durability of radio frequency (RF) surface acoustic wave (SAW) and bulk acoustic wave (BAW) devices, such as filters and duplexers, with respect to high power RF signals, which are used in telecommunications, measuring equipment, radar systems and consumer products. RF BAW devices include two types: those based on the film bulk acoustic resonator (FBAR) technology and those based on the solidly mounted resonator (SMR) technology. This document includes basic properties of failure of RF SAW/BAW devices, and guidelines to set up the measurement system and to establish the procedure to estimate the time to failure (TF). Since TF is mainly governed by the RF power applied in the devices, discussions are focused on the power durability. It is not the aim of this document to explain the theory, or to attempt to cover all the eventualities which can arise in practical circumstances. This document draws attention to some of the more fundamental questions which will need to be considered by the user before he/she places an order for an RF SAW/BAW device for a new application. Such a procedure will be the user's means of preventing unsatisfactory performance related to premature device failure resulting from high-power exposure of RF SAW/BAW devices.

Keel: en
Alusdokumendid: EN IEC 63155:2020; IEC 63155:2020

33 SIDETEHNIKA

EVS-EN 12015:2020

Elektromagnetiline ühilduvus. Tooteseeria standard liftidele, eskalaatoritele ja liikurkõnniteedele. Emissioon
Electromagnetic compatibility - Product family standard for lifts, escalators and moving walks - Emission

This document specifies the emission limits in relation to electromagnetic disturbances and test conditions for lifts, escalators and moving walks, which are intended to be permanently installed in buildings. These limits however, may not provide full protection against disturbances caused to radio and TV reception when such equipment is used within distances given in Table 1. This document is not applicable for apparatus which are manufactured before the date of its publication as EN.

Keel: en
Alusdokumendid: EN 12015:2020
Asendab dokumenti: EVS-EN 12015:2014

EVS-EN IEC 61000-4-11:2020/AC:2020

Elektromagnetiline ühilduvus (EMÜ). Osa 4-11: Katsetus- ja mõõtetehnika. Pingelohkude, lühikatkestuste ja pingemuutuste taluvuse katsetused seadmetele sisendvooluga kuni 16 A faasi kohta

Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase

Standardi EN IEC 61000-4-11:2020 parandus

Keel: en
Alusdokumendid: IEC 61000-4-11:2020/COR1:2020; EN IEC 61000-4-11:2020/AC:2020-06
Parandab dokumenti: EVS-EN IEC 61000-4-11:2020

EVS-EN IEC 61300-3-55:2020

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-55:Examinations and measurements - Polarisation extinction ratio and keying accuracy of polarisation maintaining, passive, optical components

IEC 61300-3-55: 2020 provides methods for measuring the polarisation extinction ratio (PER) of single-mode, polarisation maintaining (PM) optical components based upon PM fibres. This document also provides methods for detecting the input and output orientation of the PM components' principal axes as well as methods for estimating the keying accuracy, i.e. the angular misalignment between the principal axes and the mechanical reference guide key of the connectors, if these are present.

Keel: en
Alusdokumendid: IEC 61300-3-55:2020; EN IEC 61300-3-55:2020

EVS-EN IEC 61968-1:2020

Application integration at electric utilities - System interfaces for distribution management - Part 1: Interface architecture and general recommendations

IEC 61968-1:2020 is the first in a series that, taken as a whole, defines interfaces for the major elements of an interface architecture for power system management and associated information exchange. This document identifies and establishes recommendations for standard interfaces based on an Interface Reference Model (IRM). Subsequent clauses of this document are based on each interface identified in the IRM. This set of standards is limited to the definition of interfaces. They provide for interoperability among different computer systems, platforms, and languages. IEC 61968-100 gives recommendations for methods and technologies to be used to implement functionality conforming to these interfaces. As used in IEC 61968, distribution management consists of various distributed application components for the utility to manage electrical distribution networks. These capabilities include monitoring and control of equipment for power delivery, management processes to ensure system reliability, voltage management, demand-side management, outage management, work management, network model management, facilities management, and metering. The IRM is specified in Clause 3. The IRM defines the high-level view of the TC 57 reference architecture and the detailed in the relevant 61968 series, 61970 series or 62325 series. The goal of the IRM is to provide a common relevant context view for TC 57 that covers domains like transmission, distribution, market, generation, consumer, regional reliability operators, and regulators. This third edition cancels and replaces the second edition published in 2012. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) update of IRM section, which has been out of date since the 2nd edition; b) update to IRM model using ArchiMate modelling language; c) addition of missing business functions and business objects; d) alignment with newly released documents from the technical committee; e) alignment with IEC 61968-100; f) update of annexes.

Keel: en
Alusdokumendid: IEC 61968-1:2020; EN IEC 61968-1:2020
Asendab dokumenti: EVS-EN 61968-1:2013

EVS-EN IEC 62149-11:2020

Fibre optic active components and devices - Performance standards - Part 11: Multiple channel transmitter/receiver chip scale package with multimode fibre interface

IEC 62149-11: 2020 specifies the performance standards for a multiple channel transmitter/receiver chip scale package (CSP) with multimode fibre interface that operates at up to 28 Gbit/s per channel. It specifies the parameters that apply, with clearly defined conditions, severities, and pass/fail criteria. The tests are intended to be run as an initial design verification to prove any product's ability to satisfy the performance standard's requirements. A product that has been shown to meet all the requirements of a performance standard can be declared as complying with the performance standard, but is then controlled by a quality assurance/quality conformance program.

Keel: en
Alusdokumendid: IEC 62149-11:2020; EN IEC 62149-11:2020

EVS-EN IEC 62351-8:2020

Power systems management and associated information exchange - Data and communications security - Part 8: Role-based access control for power system management

IEC 62351-8: 2020 is to facilitate role-based access control (RBAC) for power system management. RBAC assigns human users, automated systems, and software applications (collectively called "subjects" in this document) to specified "roles", and restricts their access to only those resources, which the security policies identify as necessary for their roles. As electric power systems

become more automated and cyber security concerns become more prominent, it is becoming increasingly critical to ensure that access to data (read, write, control, etc.) is restricted. As in many aspects of security, RBAC is not just a technology; it is a way of running a business. RBAC is not a new concept; in fact, it is used by many operating systems to control access to system resources. Specifically, RBAC provides an alternative to the all-or-nothing super-user model in which all subjects have access to all data, including control commands. RBAC is a primary method to meet the security principle of least privilege, which states that no subject should be authorized more permissions than necessary for performing that subject's task. With RBAC, authorization is separated from authentication. RBAC enables an organization to subdivide super-user capabilities and package them into special user accounts termed roles for assignment to specific individuals according to their associated duties. This subdivision enables security policies to determine who or what systems are permitted access to which data in other systems. RBAC provides thus a means of reallocating system controls as defined by the organization policy. In particular, RBAC can protect sensitive system operations from inadvertent (or deliberate) actions by unauthorized users. Clearly RBAC is not confined to human users though; it applies equally well to automated systems and software applications, i.e., software parts operating independent of user interactions. The following interactions are in scope: – local (direct wired) access to the object by a human user; by a local and automated computer agent, or built-in HMI or panel; – remote (via dial-up or wireless media) access to the object by a human user; – remote (via dial-up or wireless media) access to the object by a remote automated computer agent, e.g. another object at another substation, a distributed energy resource at an end-user's facility, or a control centre application. While this document defines a set of mandatory roles to be supported, the exchange format for defined specific or custom roles is also in scope of this document. Out of scope for this document are all topics which are not directly related to the definition of roles and access tokens for local and remote access, especially administrative or organizational tasks

Keel: en
Alusdokumendid: IEC 62351-8:2020; EN IEC 62351-8:2020

35 INFOTEHNOLOOGIA

CEN/TS 16931-3-2:2020
Electronic invoicing - Part 3-2: Syntax binding for ISO/IEC 19845 (UBL 2.1) invoice and credit note

This document specifies the mapping between the semantic model of an electronic invoice, included in EN 16931-1 and the UBL 2.1 syntax (ISO/IEC 19845). For each element in the semantic model (including sub-elements or supplementary components such as Identification scheme identifiers) it is defined which element in the syntax is to be used to contain its information contents. Any mismatches between semantics, format, cardinality or structure are indicated.

Keel: en
Alusdokumendid: CEN/TS 16931-3-2:2020
Asendab dokumenti: CEN/TS 16931-3-2:2017
Asendab dokumenti: CEN/TS 16931-3-2:2017/AC:2018

CEN/TS 16931-3-3:2020
Electronic invoicing - Part 3-3: Syntax binding for UN/CEFACT XML Industry Invoice D16B

This document specifies the mapping between the semantic model of an electronic invoice, included in EN 16931 1 and the Cross Industry Invoice in the UN/CEFACT XML syntax. For each element in the semantic model (including sub-elements or supplementary components such as Identification scheme identifiers) it is defined which element in the syntax is to be used to contain its information contents. Any mismatches between semantics, format, cardinality or structure are indicated.

Keel: en
Alusdokumendid: CEN/TS 16931-3-3:2020
Asendab dokumenti: CEN/TS 16931-3-3:2017

EVS-EN 62745:2017/A11:2020
Safety of machinery - Requirements for cableless control systems of machinery

IEC 62745:2017(E) specifies requirements for the functionality and interfacing of cableless (for example, radio, infra-red) control systems that provide communication between operator control station(s) and the control system of a machine. Specific requirements are included for such operator control stations that are portable by the operator.

Keel: en
Alusdokumendid: EN 62745:2017/A11:2020
Muudab dokumenti: EVS-EN 62745:2017

EVS-EN IEC 62056-8-8:2020
Electricity metering data exchange - The DLMS/COSEM suite - Part 8-8: Communication profile for ISO/IEC 14908 series networks

IEC 62056-8-8:2020 describes how the DLMS/COSEM Application layer and the COSEM object model, as specified in IEC 62056-5-3:2017, IEC 62056-6-1:2017 and IEC 62056-6-2:2017, can be used over the lower layers specified in the IEC 14908 series, forming a DLMS/COSEM ISO/IEC 14908 communication profile. This document is part of the IEC 62056 series. Its structure follows IEC 62056-1-0 and IEC TS 62056-1-1.

Keel: en
Alusdokumendid: IEC 62056-8-8:2020; EN IEC 62056-8-8:2020

EVS-EN IEC 62769-103-1:2020
Field Device Integration (FDI) - Part 103-1: Profiles - PROFIBUS

IEC 62769-103-1:2020 specifies an FDI profile of IEC 62769 for IEC 61784 1_CP 3/1 (PROFIBUS DP) and IEC 61784 1_CP3/2 (PROFIBUS PA). This second edition cancels and replaces the first edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) support for generic protocol extension for faster adoption of other technologies; b) support for Package Developers to build EDDs targeted for today's EDD bases system under a single development tool.

Keel: en
Alusdokumendid: IEC 62769-103-1:2020; EN IEC 62769-103-1:2020
Asendab dokumenti: EVS-EN 62769-103-1:2015

EVS-EN IEC 62769-103-4:2020

Field Device Integration (FDI) - Part 103-4: Profiles - PROFINET

IEC 62769-103-4:2020 specifies an FDI profile of IEC 62769 for IEC 61784-2_CP 3/4, IEC 61784-2_CP3/5 and IEC 61784-2_CP3/6 (PROFINET). This second edition cancels and replaces the first edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) support for generic protocol extension for faster adoption of other technologies; b) support for Package Developers to build EDDs targeted for today's EDD bases system under a single development tool.

Keel: en
Alusdokumendid: IEC 62769-103-4:2020; EN IEC 62769-103-4:2020
Asendab dokumenti: EVS-EN 62769-103-4:2015

EVS-EN IEC 62769-109-1:2020

Field Devices Integration (FDI) - Part 109-1: Profiles - HART® and WirelessHART®

IEC 62769-109-1:2020 specifies an FDI profile of IEC 62769 for IEC 61784 1_CP 9/1 (HART®) and IEC 61784 1_CP 9/2 (WirelessHART®). This second edition cancels and replaces the first edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) support for generic protocol extension for faster adoption of other technologies; b) support for Package Developers to build EDDs targeted for today's EDD bases system under a single development tool.

Keel: en
Alusdokumendid: IEC 62769-109-1:2020; EN IEC 62769-109-1:2020
Asendab dokumenti: EVS-EN 62769-109-1:2015

EVS-EN ISO 22418:2020

Intelligent transport systems - Fast service announcement protocol (FSAP) for general purposes in ITS (ISO 22418:2020)

This document specifies the fast service announcement protocol (FSAP) for general purposes in ITS. It references and supports all features of ISO/TS 16460, especially supporting the service response message (SRM) and related features in addition to the service announcement message (SAM), which enables only very basic features. FSAP supports locally advertised ITS services uniquely identified by an ITS application identifier (ITS-AID). This document specifies message formats and related basic protocol procedures by reference to ISO/TS 16460, and further related protocol requirements for operation of FSAP in the context of an ITS station specified in ISO 21217. This document illustrates its relations to service announcement protocols specified by ETSI TC ITS and IEEE.

Keel: en
Alusdokumendid: ISO 22418:2020; EN ISO 22418:2020

EVS-EN ISO/IEC 29100:2020

Information technology - Security techniques - Privacy framework (ISO/IEC 29100:2011, including Amd 1:2018)

ISO/IEC 29100:2011 provides a privacy framework which - specifies a common privacy terminology; -defines the actors and their roles in processing personally identifiable information (PII); -describes privacy safeguarding considerations; and -provides references to known privacy principles for information technology. ISO/IEC 29100:2011 is applicable to natural persons and organizations involved in specifying, procuring, architecting, designing, developing, testing, maintaining, administering, and operating information and communication technology systems or services where privacy controls are required for the processing of PII.

Keel: en
Alusdokumendid: ISO/IEC 29100:2011; ISO/IEC 29100:2011/Amd 1:2018; EN ISO/IEC 29100:2020

45 RAUDTEETEHNIKA

CEN/TS 13103-2:2020

Railway applications - Wheelsets and bogies - Part 2: Design method for axles with internal journals

This document: - defines the forces and moments to be taken into account with reference to masses, traction and braking conditions; - gives the stress calculation method for axles with inboard axle journals; - specifies the maximum permissible stresses to be assumed in calculations for steel grade EA1N, EA1T and EA4T defined in EN 13261; - describes the method for determination of the maximum permissible stresses for other steel grades; - determines the diameters for the various sections of the axle and recommends the preferred shapes and transitions to ensure adequate service performance. This document is

applicable for axles defined in EN 13261. This document applies only for heavy rail vehicles. The calculation of wheelsets for special applications (e.g. railbound construction and maintenance machines) can be made according to this document only for the load cases of free-rolling and rolling in train formation.

Keel: en
Alusdokumendid: CEN/TS 13103-2:2020

EVS-EN 15612:2020

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Railway applications - Braking - Brake pipe accelerator

This document is applicable to brake pipe accelerators designed to vent the brake pipe of railway vehicles when an emergency braking is initiated, without taking the type of vehicles and track-gauge into consideration. This document specifies the requirements for the design, manufacture and testing of brake pipe accelerators.

Keel: en
Alusdokumendid: EN 15612:2020
Asendab dokumenti: EVS-EN 15612:2008+A1:2010

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 16603-20-21:2020

Space engineering - Interface requirements for electrical actuators

In general terms, the scope of the consolidation of the electrical interface requirements for electrical (hold down and release or deployment) actuators in the present ECSS-E-ST-20-21 and the relevant explanation in the handbook ECSS-E-HB-20-21 is to allow a more recurrent approach both for actuator electronics (power source) and electrical actuators (power load) offered by the relevant manufacturers, at the benefit of the system integrators and of the Agency, thus ensuring: - better quality, - stability of performances, and - independence of the products from specific mission targets. A recurrent approach enables manufacturing companies to concentrate on products and a small step improvement approach that is the basis of a high quality industrial output.

Keel: en
Alusdokumendid: EN 16603-20-21:2020

EVS-EN 16603-32-10:2020

Space engineering - Structural factors of safety for spaceflight hardware

The purpose of this Standard is to define the Factors Of Safety (FOS), Design Factor and additional factors to be used for the dimensioning and design verification of spaceflight hardware including qualification and acceptance tests. This standard is not self standing and is used in conjunction with the ECSS-E-ST-32, ECSS-E-ST-32-02 and ECSS-E-ST-33-01 documents. Following assumptions are made in the document: - that recognized methodologies are used for the determination of the limit loads, including their scatter, that are applied to the hardware and for the stress analyses; - that the structural and mechanical system design is amenable to engineering analyses by current state-of-the-art methods and is conforming to standard aerospace industry practices. Factors of safety are defined to cover chosen load level probability, assumed uncertainty in mechanical properties and manufacturing but not a lack of engineering effort. The choice of a factor of safety for a program is directly linked to the rationale retained for designing, dimensioning and testing within the program. Therefore, as the development logic and the associated reliability objectives are different for: - unmanned scientific or commercial satellite, - expendable launch vehicles, - man-rated spacecraft, and - any other unmanned space vehicle (e.g. transfer vehicle, planetary probe) specific values are presented for each of them. Factors of safety for re-usable launch vehicles and man-rated commercial spacecraft are not addressed in this document. For all of these space products, factors of safety are defined hereafter in the document whatever the adopted qualification logic: proto-flight or prototype model. For pressurized hardware, factors of safety for all loads except internal pressure loads are defined in this standard. Concerning the internal pressure, the factors of safety for pressurised hardware can be found in ECSS-E-ST-32-02. For loads combination refer to ECSS-E-ST-32-02. For mechanisms, specific factors of safety associated with yield and ultimate of metallic materials, cable rupture factors of safety, stops/shaft shoulders/recess yield factors of safety and limits for peak Hertzian contact stress are specified in ECSS-E-ST-33-01. Alternate approach The factors of safety specified hereafter are applied using a deterministic approach i.e. as generally applied in the Space Industry to achieve the structures standard reliability objectives. Structural safety based on a probabilistic analysis could be an alternate approach but it has to be demonstrated this process achieves the reliability objective specified to the structure. The procedure is approved by the customer. This standard may be tailored for the specific characteristics and constraints of a space project in conformance with ECSS-S-ST-00.

Keel: en
Alusdokumendid: EN 16603-32-10:2020
Asendab dokumenti: EVS-EN 16603-32-10:2014

EVS-EN 16603-40-07:2020

Space engineering - Simulation modelling platform

The document defines the requirements for the interfaces of simulation models between simulation environments.

Keel: en
Alusdokumendid: ECSS-E-ST-40_xx C; EN 16603-40-07:2020

EVS-EN ISO 11532:2020

Aircraft ground equipment - Graphical symbols (ISO 11532:2018)

ISO 11532:2018 establishes common graphical symbols for use on all types of aircraft ground support equipment. They have been compiled for the benefit of those who deal with such equipment, such as airlines, airport handling agencies, airport authorities, manufacturers, etc., in order to facilitate fast and accurate identification of controls, indicators and decals of powered and unpowered equipment. The presentation of this document is based on the recommendations of ISO/TC 145, Graphical symbols. ISO 11532:2018 is also intended to promote standardization of terms for controls, indicators, etc. for aircraft ground support equipment and alleviate language problems. These graphical symbols are intended to be placed on all new equipment and retrofitted on all existing equipment as far as possible. NOTE This document is intended to be read with the documents listed in the bibliography.

Keel: en
Alusdokumendid: ISO 11532:2018; EN ISO 11532:2020

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 16293:2020

Packaging - Glass Packaging - Deep BVS finishes for still wines

This document specifies dimensions of a series of deep screw finishes for the closure of wines with a CO2 content below 1,2 g per litre. NOTE Carbonation ≥ 1,2 g/l CO2 requires a suitable container and closure agreed between the glass maker, closure maker and packer/filler.

Keel: en
Alusdokumendid: EN 16293:2020
Asendab dokumenti: EVS-EN 16293:2013

59 TEKSTIILI- JA NAHATEHNOLOOGIA

CEN/TR 17512:2020

Personal protective equipment - Smart garments - Terms and definitions

This document lists terms and definitions related to core terms in the field of smart garments providing protection against heat and flame (i.e. advanced garments and ensembles of garments as mentioned in the Introduction). It is intended to facilitate communications, for example, between organizations and individuals in industry and those who interact with them.

Keel: en
Alusdokumendid: CEN/TR 17512:2020

EVS-EN ISO 12960:2020

Geotextiles and geotextile-related products - Screening test methods for determining the resistance to acid and alkaline liquids (ISO 12960:2020)

This document specifies methods for screening the resistance of geotextile and geotextile-related products to liquids while not subjecting them to external mechanical stress. It is applicable to all geotextiles and geotextile-related products. Method A applies particularly to polyamides and method B to polyesters and polyamides. The test results are intended to be interpreted in the context of site conditions. This document is intended to be used in conjunction with ISO/TS 13434. NOTE This document only considers conditions where the specimens are fully immersed in the liquids. Though outside the scope of this document, the test conditions can be modified to accommodate particular applications, e.g. gaseous media. This document does not preclude use for test specimens that are pre-treated by some method, e.g. by weathering, aqueous extraction conditions or installation damage.

Keel: en
Alusdokumendid: ISO 12960:2020; EN ISO 12960:2020
Asendab dokumenti: EVS-EN 14030:2002
Asendab dokumenti: EVS-EN 14030:2002/A1:2003

EVS-EN ISO 1833-29:2020

Textiles - Quantitative chemical analysis - Part 29: Mixtures of polyamide with polypropylene/polyamide bicomponent (method using sulfuric acid) (ISO 1833-29:2020)

This document specifies a method, using sulfuric acid, to determine the mass percentage of polyamide, after removal of non-fibrous matter, in textiles made of binary mixtures of — polyamide with —polypropylene/polyamide bicomponent.

Keel: en
Alusdokumendid: ISO 1833-29:2020; EN ISO 1833-29:2020

EVS-EN ISO 22744-1:2020

Textiles and textile products - Determination of organotin compounds - Part 1: Derivatisation method using gas chromatography (ISO 22744-1:2020)

This document specifies a test method for the qualification and quantification of organotin compounds. This test method is applicable to all types of materials of textile products. NOTE CEN/TR 16741 defines which materials are applicable to this determination.

Keel: en

Alusdokumendid: ISO 22744-1:2020; EN ISO 22744-1:2020

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN ISO 34101-1:2020

Sustainable and traceable cocoa - Part 1: Requirements for cocoa sustainability management systems (ISO 34101-1:2019)

This document specifies high-level requirements for management systems for sustainable cocoa bean production, including post-harvest processes, if applicable, and traceability of the sustainably produced cocoa beans within the organization producing the cocoa beans. NOTE 1 Post-harvest processes include pod-breaking, fermentation, drying, sorting, packing, transport and storage of cocoa beans. Only organizations that fulfil both the cocoa sustainability management system requirements of either this document or ISO 34101-4:2019, Annex A or B, and the performance requirements of ISO 34101-2 can claim their cocoa beans have been sustainably produced. NOTE 2 ISO 34101-4 specifies the requirements for cocoa sustainability management systems at entry and medium levels.

Keel: en
Alusdokumendid: ISO 34101-1:2019; EN ISO 34101-1:2020

EVS-EN ISO 34101-2:2020

Sustainable and traceable cocoa - Part 2: Requirements for performance (related to economic, social and environmental aspects) (ISO 34101-2:2019)

This document specifies performance requirements related to economic, social and environmental aspects for sustainable cocoa bean production, including post-harvest processes, if applicable. NOTE Post-harvest processes include pod-breaking, fermentation, drying, sorting, packing, transport and storage of cocoa beans. Only organizations that fulfil both the cocoa sustainability management system requirements of either ISO 34101-1 or ISO 34101-4:2019, Annex A or B, and the performance requirements of this document can claim their cocoa beans have been sustainably produced.

Keel: en
Alusdokumendid: ISO 34101-2:2019; EN ISO 34101-2:2020

77 METALLURGIA

EVS-EN ISO 10893-1:2011/A1:2020

Non-destructive testing of steel tubes - Part 1: Automated electromagnetic testing of seamless and welded (except submerged arc-welded) steel tubes for the verification of hydraulic leaktightness - Amendment 1: Change of dimensions of the reference notch; change acceptance criteria (ISO 10893-1:2011/Amd 1:2020)

Amendment for EN ISO 10893-1:2011

Keel: en
Alusdokumendid: ISO 10893-1:2011/Amd 1:2020; EN ISO 10893-1:2011/A1:2020
Muudab dokumenti: EVS-EN ISO 10893-1:2011

EVS-EN ISO 10893-12:2011/A1:2020

Non-destructive testing of steel tubes - Part 12: Automated full peripheral ultrasonic thickness testing of seamless and welded (except submerged arc-welded) steel tubes - Amendment 1: Change of acceptance criteria (ISO 10893-12:2011/Amd 1:2020)

Amendment for EN ISO 10893-12:2011

Keel: en
Alusdokumendid: ISO 10893-12:2011/Amd 1:2020; EN ISO 10893-12:2011/A1:2020
Muudab dokumenti: EVS-EN ISO 10893-12:2011

EVS-EN ISO 11844-1:2020

Corrosion of metals and alloys - Classification of low corrosivity of indoor atmospheres - Part 1: Determination and estimation of indoor corrosivity (ISO 11844-1:2020)

This document establishes a classification of low corrosivity of indoor atmospheres. It specifies the reference metals for which a corrosion attack after a defined exposure period is used for determining corrosivity categories of indoor atmospheres of low corrosivity. It defines corrosivity categories of indoor atmospheres according to corrosion attack on standard specimens. It indicates important parameters of indoor atmospheres that can serve as a basis for an estimation of indoor corrosivity. The selection of a method for the determination of corrosion attack, description of standard specimens, exposure conditions and evaluation are given in ISO 11844-2. The measurement of environmental parameters affecting indoor corrosivity is given in ISO 11844-3.

Keel: en
Alusdokumendid: ISO 11844-1:2020; EN ISO 11844-1:2020
Asendab dokumenti: EVS-EN ISO 11844-1:2008

EVS-EN ISO 11844-2:2020

Corrosion of metals and alloys - Classification of low corrosivity of indoor atmospheres - Part 2: Determination of corrosion attack in indoor atmospheres (ISO 11844-2:2020)

This document specifies methods for determining corrosion rates with standard specimens of metals in indoor atmospheres with low corrosivity. For this direct method of evaluation corrosivity, different sensitive methods can be applied using standard specimens of the following metals: copper, silver, zinc, steel and lead. The values obtained from the measurements are used as classification criteria for the determination of indoor atmospheric corrosivity.

Keel: en
Alusdokumendid: ISO 11844-2:2020; EN ISO 11844-2:2020
Asendab dokumenti: EVS-EN ISO 11844-2:2008

EVS-EN ISO 6501:2020

Ferronickel - Specification and delivery requirements (ISO 6501:2020)

This document specifies the technical delivery requirements for the various forms of ferronickel (ingots, pieces and shot) usually supplied for steel making and foundry use.

Keel: en
Alusdokumendid: ISO 6501:2020; EN ISO 6501:2020
Asendab dokumenti: EVS-EN 26501:2000

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 24022-2:2020

Plastics - Polystyrene (PS) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 24022-2:2020)

This document specifies the methods of preparation of test specimens and the test methods to be used in determining the properties of PS moulding and extrusion materials. It gives requirements for handling test material and for conditioning both the test material before moulding and the specimens before testing. This document specifies the procedures and conditions for the preparation of test specimens and procedures for measuring properties of the materials from which these specimens are made. It lists the properties and test methods which are suitable and necessary to characterize PS moulding and extrusion materials. The properties have been selected from the general test methods in ISO 10350-1. Other test methods in wide use for or of particular significance to these moulding and extrusion materials are also included in this document, as are the designatory properties specified in ISO 24022-1.

Keel: en
Alusdokumendid: ISO 24022-2:2020; EN ISO 24022-2:2020
Asendab dokumenti: EVS-EN ISO 1622-2:2000

EVS-EN ISO 24026-1:2020

Plastics - Poly(methyl methacrylate) (PMMA) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 24026-1:2020)

This document establishes a system of designation for poly(methyl methacrylate) (PMMA) thermoplastic material, which can be used as the basis for specifications. The types of PMMA plastic are differentiated from each other by a classification system based on appropriate levels of the designatory properties: a) Vicat softening temperature; b) melt mass-flow rate; c) viscosity number (optional); and on information about the intended application and/or method of processing, important properties, additives and colorants. This document is applicable to all poly(methyl methacrylate) homopolymers and to copolymers of methyl methacrylate (MMA) containing at least a mass percentage of 80 % of MMA and not more than a mass percentage of 20 % of acrylic esters or other monomers. This document applies to materials ready for normal use in the form of beads, granules and pellets and to materials unmodified or modified by colorants, additives, etc. It does not apply to PMMA modified with elastomers. It is not intended to imply that materials having the same designation give necessarily the same performance. This document does not provide engineering data, performance data or data on processing conditions which might be required to specify a material for a particular application and/or method of processing. If such additional properties are required, they are, if suitable, determined using the test methods specified in ISO 24026-2. In order to specify a thermoplastic material for a particular application or to ensure reproducible processing, additional requirements can be given in data block 5 (see 4.1).

Keel: en
Alusdokumendid: ISO 24026-1:2020; EN ISO 24026-1:2020
Asendab dokumenti: EVS-EN ISO 8257-1:2006

EVS-EN ISO 24026-2:2020

Plastics - Poly(methyl methacrylate) (PMMA) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 24026-2:2020)

1.1 This document specifies the methods of preparation of test specimens and the test methods to be used in determining the properties of poly(methyl methacrylate) (PMMA) moulding and extrusion materials. It gives the requirements for handling test material and for conditioning both the test material before moulding and the specimens before testing. 1.2 This document specifies procedures and conditions for the preparation of test specimens and procedures for measuring properties of the materials from which these specimens are made. It lists properties and test methods which are suitable and necessary to characterize poly(methyl methacrylate) moulding and extrusion materials. 1.3 The properties have been selected from the general test methods in ISO

10350-1. Other test methods in wide use for, or of particular significance to, these moulding and extrusion materials are also included in this document, as are the designatory properties specified in ISO 24026-1.

Keel: en
Alusdokumendid: ISO 24026-2:2020; EN ISO 24026-2:2020
Asendab dokumenti: EVS-EN ISO 8257-2:2006

91 EHITUSMATERJALID JA EHITUS

CEN/TS 17438:2020

Source materials considered in the development of the Aggregate standards of TC 154

This document informs users about the source materials that have been considered in the development of the aggregate standards: - EN 12620 'Aggregates for concrete'; - EN 13043 'Aggregates for bituminous mixtures and surface treatments for roads, airfields and other trafficked are-as'; - EN 13139 'Aggregates for mortar'; - EN 13242 'Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction'; - EN 13383-1 'Armourstone - Part 1: Product standard'; - EN 13450 'Aggregates for railway ballast'; - EN 13055 'Lightweight aggregates'; Only source materials with a history of use in one or more member states are included in this document. It also specifies source material with a history of use for the scope of only one specific aggregate standard.

Keel: en
Alusdokumendid: CEN/TS 17438:2020

EVS-EN 12015:2020

Elektromagnetiline ühilduvus. Tooteseeria standard liftidele, eskalaatoritele ja liikurkõnniteedele. Emissioon
Electromagnetic compatibility - Product family standard for lifts, escalators and moving walks - Emission

This document specifies the emission limits in relation to electromagnetic disturbances and test conditions for lifts, escalators and moving walks, which are intended to be permanently installed in buildings. These limits however, may not provide full protection against disturbances caused to radio and TV reception when such equipment is used within distances given in Table 1. This document is not applicable for apparatus which are manufactured before the date of its publication as EN.

Keel: en
Alusdokumendid: EN 12015:2020
Asendab dokumenti: EVS-EN 12015:2014

EVS-EN 1504-2:2007/AC:2020

Betoonkonstruktsioonide kaitsmiseks ja parandamiseks kasutatavad tooted. Määratlused, nõuded, kvaliteedi-kontroll ja vastavuse hindamine. Osa 2: Betooni pinnakaitsesüsteemid
Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 2: Surface protection systems for concrete

Standardi EVS-EN 1504-2:2007 parandus

Keel: et
Parandab dokumenti: EVS-EN 1504-2:2007

EVS-EN IEC 62056-8-8:2020

Electricity metering data exchange - The DLMS/COSEM suite - Part 8-8: Communication profile for ISO/IEC 14908 series networks

IEC 62056-8-8:2020 describes how the DLMS/COSEM Application layer and the COSEM object model, as specified in IEC 62056-5-3:2017, IEC 62056-6-1:2017 and IEC 62056-6-2:2017, can be used over the lower layers specified in the IEC 14908 series, forming a DLMS/COSEM ISO/IEC 14908 communication profile. This document is part of the IEC 62056 series. Its structure follows IEC 62056-1-0 and IEC TS 62056-1-1.

Keel: en
Alusdokumendid: IEC 62056-8-8:2020; EN IEC 62056-8-8:2020

93 RAJATISED

EVS-EN 12697-1:2020

Asfaltsegud. Katsemeetodid. Osa 1: Lahustuva sideaine sisaldus
Bituminous mixtures - Test methods - Part 1: Soluble binder content

See dokument kirjeldab katsemeetodeid asfaltsegu proovide lahustuva sideaine sisalduse määramiseks. Kirjeldatud katsemeetodid on sobivad kvaliteedikontrolli tegemiseks tehase segude tootmisel ja tootespetsifikatsioonile vastavuse kontrollimiseks. Modifitseeritud sideaineid sisaldavate segude analüüsimisel tuleb järgida lisas D antud juhiseid.

Keel: en, et
Alusdokumendid: EN 12697-1:2020

Asendab dokumenti: EVS-EN 12697-1:2012

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 14073-3:2004/AC:2020

Büroomööbel. Mahutusmööbel. Osa 3: Katsemeetodid püsivuse ja konstruktsiooni tugevuse määramiseks
Office furniture - Storage furniture - Part 3: Test methods for the determination of stability and strength of the structure

Standardi EVS-EN 14073-3:2004 parandus.

Keel: et
Parandab dokumenti: EVS-EN 14073-3:2004

EVS-EN 14074:2004/AC:2020

Büroomööbel. Lauad, puldid ja mahutusmööbel. Katsemeetodid liikuvate osade tugevuse ja vastupidavuse määramiseks
Office furniture - Tables and desks and storage furniture - Test methods for the determination of strength and durability of moving parts

Standardi EVS-EN 14074:2004 parandus.

Keel: et
Parandab dokumenti: EVS-EN 14074:2004

EVS-EN 60436:2020/AC:2020

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

Standardi EN 60436:2020 parandus

Keel: en
Alusdokumendid: EN 60436:2020/AC:2020-06
Parandab dokumenti: EVS-EN 60436:2020

EVS-EN IEC 60730-2-9:2019+A1+A2:2020

Elektrilised automaatjuhtimisseadmed. Osa 2-9: Erinõuded temperatuuriandur-juhtimisseadistele
Automatic electrical controls - Part 2-9: Particular requirements for temperature sensing controls (IEC 60730-2-9:2015 + IEC 60730-2-9:2015/A1:2018 + IEC 60730-2-9:2015/A2:2020)

IEC 60730-2-9:2015(E) applies to automatic electrical temperature sensing controls for use in, on or in association with equipment, including electrical controls for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof. This standard is applicable to automatic electrical temperature sensing controls forming part of a building automation control system within the scope of ISO 16484. This standard also applies to automatic electrical temperature sensing controls for equipment that may be used by the public, such as equipment intended to be used in shops, offices, hospitals, farms and commercial and industrial applications. This standard does not apply to automatic electrical temperature sensing controls intended exclusively for industrial process applications, unless explicitly mentioned in the relevant equipment standard. This standard applies to the inherent safety, to the operating values, operating times, and operating sequences where such are associated with equipment safety, and to the testing of automatic electrical temperature sensing control devices used in, or in association with, equipment. This standard is also applicable to the functional safety of low complexity safety-related temperature sensing controls and systems. This fourth edition cancels and replaces the third edition published in 2008, and its Amendment 1:2011. This edition constitutes a technical revision. This edition includes alignment with the text of 60730-1 fifth edition and the following significant technical changes with respect to the previous edition: - modification of heating-freezing tests in Clause 12; - alignment of the EMC requirements in H.26 to those in other part 2 standards and - addition of requirements in Clause H.27 to cover class B and C control functions of temperature sensing controls.

Keel: en
Alusdokumendid: IEC 60730-2-9:2015; EN IEC 60730-2-9:2019; IEC 60730-2-9:2015/A1:2018; EN IEC 60730-2-9:2019/A1:2019; IEC 60730-2-9:2015/A2:2020; EN IEC 60730-2-9:2019/A2:2020
Konsolideerib dokumenti: EVS-EN IEC 60730-2-9:2019
Konsolideerib dokumenti: EVS-EN IEC 60730-2-9:2019/A1:2019
Konsolideerib dokumenti: EVS-EN IEC 60730-2-9:2019/A2:2020

EVS-EN ISO 12951:2020

Textile floor coverings - Determination of mass loss, fibre bind and stair nosing appearance change using the Lisson Tretrad machine (ISO 12951:2020)

This document specifies four methods of test for textile floor coverings (with or without an underlay, see Clause 9) using the Lisson Tretrad machine. — test A: determination of mass loss of textile floor coverings, also used to assess fibre bind of synthetic pile carpets; — test B: determination of stair nosing appearance change of textile floor coverings; — test C: determination of fibre bind on synthetic loop pile carpets; — test D: determination of fibre bind (hairiness) on needled floor coverings and floor coverings without pile.

Keel: en
Alusdokumendid: ISO 12951:2020; EN ISO 12951:2020
Asendab dokumenti: EVS-EN ISO 12951:2015

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS-EN 13850:2012

Postiteenused. Teenuse kvaliteet. Prioriteetsete ja esimese klassi üksikute kirisaadetiste postitamisest kättetoimetamiseni kulgemisaja mõõtmine
Postal Services - Quality of Services - Measurement of the transit time of end-to-end services for single piece priority mail and first class mail

Keel: en
Alusdokumendid: EN 13850:2012
Asendatud järgmise dokumendiga: EVS-EN 13850:2020
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN ISO 9170-1:2008

Meditsiinilise gaasi torusüsteemid. Osa 1: Liitmikud kokkusurutud meditsiinilise gaasi ja vaakumi jaoks
Terminal units for medical gas pipeline systems - Part 1: Terminal units for use with compressed medical gases and vacuum

Keel: en
Alusdokumendid: ISO 9170-1:2008; EN ISO 9170-1:2008
Asendatud järgmise dokumendiga: EVS-EN ISO 9170-1:2020
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 14451:2005

Seadmed joogivee tagasivoolamisest põhjustatud saastumise vältimiseks. Vahesulguriga anti-vaakumklapid DN 8 kuni DN 80 (kaasa arvatud). Perekond D, tüüp A
Devices to prevent pollution by backflow of potable water - Inline anti-vacuum valves DN 8 to DN 80 - Family D, type A

Keel: en
Alusdokumendid: EN 14451:2005
Asendatud järgmise dokumendiga: EVS-EN 14451:2020
Standardi staatus: Kehtetu

EVS-EN 60895:2004

Pingealune töö. Varjestav riietus kasutamiseks vahelduvvoolu nimipingel 800 kV ja alalisvoolul +/- 600 kV
Live working - Conductive clothing for use at nominal voltage up to 800 kV a.c. and +/- 600 kV d.c.

Keel: en
Alusdokumendid: IEC 60895:2002+Corr:2003; EN 60895:2003
Asendatud järgmise dokumendiga: EVS-EN IEC 60895:2020
Standardi staatus: Kehtetu

EVS-EN ISO 1182:2010

Reaction to fire tests for building and transport products - Non-combustibility test

Keel: en
Alusdokumendid: ISO 1182:2010; EN ISO 1182:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 1182:2020
Standardi staatus: Kehtetu

EVS-EN ISO 9241-110:2006

Kuvaritega kontoritöö ergonoomianõuded. Osa 10: Dialoogipõhimõtted
Ergonomics of human-system interaction - Part 110: Dialogue principles

Keel: en
Alusdokumendid: ISO 9241-110:2006; EN ISO 9241-110:2006

Asendatud järgmise dokumendiga: EVS-EN ISO 9241-110:2020
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 60565:2007
Underwater acoustics - Hydrophones - Calibration in the frequency range 0,01 Hz to 1 MHz

Keel: en
Alusdokumendid: IEC 60565:2006; EN 60565:2007
Asendatud järgmise dokumendiga: EVS-EN IEC 60565-1:2020
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60565-2:2019
Standardi staatus: Kehtetu

19 KATSETAMINE

EVS-EN 60721-3-0:2002
Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Introduction

Keel: en
Alusdokumendid: IEC 60721-3-0:1984 + A1:1987; EN 60721-3-0:1993
Asendatud järgmise dokumendiga: EVS-EN IEC 60721-3-0:2020
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN ISO 11114-1:2012
Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 1: Metallic materials (ISO 11114-1:2012)

Keel: en
Alusdokumendid: ISO 11114-1:2012; EN ISO 11114-1:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 11114-1:2020
Muudetud järgmise dokumendiga: EVS-EN ISO 11114-1:2012/A1:2017
Standardi staatus: Kehtetu

EVS-EN ISO 11114-1:2012/A1:2017
Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 1: Metallic materials - Amendment 1 (ISO 11114-1:2012/Amd 1:2017)

Keel: en
Alusdokumendid: ISO 11114-1:2012/Amd 1:2017; EN ISO 11114-1:2012/A1:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 11114-1:2020
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN 60519-8:2005
Ohutus elekterkuumutuspaigaldistes. Osa 8: Erinõuded elektrošlaki ümbersulatusahjudele Safety in electroheat installations - Part 8: Particular requirements for electroslag remelting furnaces

Keel: en
Alusdokumendid: IEC 60519-8:2005; EN 60519-8:2005
Asendatud järgmise dokumendiga: EVS-EN IEC 60519-8:2020
Standardi staatus: Kehtetu

EVS-EN 62769-103-1:2015
Field Device Integration (FDI) - Part 103-1: Profiles - PROFIBUS

Keel: en
Alusdokumendid: IEC 62769-103-1:2015; EN 62769-103-1:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 62769-103-1:2020
Standardi staatus: Kehtetu

EVS-EN 62769-103-4:2015
Field Device Integration (FDI) - Part 103-4: Profiles - PROFINET

Keel: en

Alusdokumendid: IEC 62769-103-4:2015; EN 62769-103-4:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 62769-103-4:2020
Standardi staatus: Kehtetu

EVS-EN 62769-109-1:2015

Field Device Integration (FDI) - Part 109-1: Profiles - HART® and WirelessHART®

Keel: en
Alusdokumendid: IEC 62769-109-1:2015; EN 62769-109-1:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 62769-109-1:2020
Standardi staatus: Kehtetu

EVS-EN 62841-3-9:2015

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-9: Erinõuded veetavatele nurgasaagidele
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-9: Particular requirements for transportable mitre saws

Keel: en
Alusdokumendid: EN 62841-3-9:2015; IEC 62841-3-9:2014; IEC 62841-3-9:2014/COR1:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 62841-3-9:2020
Muudetud järgmise dokumendiga: EVS-EN 62841-3-9:2015/A11:2017
Parandatud järgmise dokumendiga: EVS-EN 62841-3-9:2015/AC:2016
Standardi staatus: Kehtetu

EVS-EN 62841-3-9:2015/A11:2017

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-9: Erinõuded veetavatele nurgasaagidele
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-9: Particular requirements for transportable mitre saws

Keel: en
Alusdokumendid: EN 62841-3-9:2015/A11:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 62841-3-9:2020
Standardi staatus: Kehtetu

EVS-EN 62841-3-9:2015/AC:2016

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-9: Erinõuded veetavatele nurgasaagidele
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-9: Particular requirements for transportable mitre saws

Keel: en
Alusdokumendid: IEC 62841-3-9:2014/COR2:2016; EN 62841-3-9:2015/AC:2016-09
Asendatud järgmise dokumendiga: EVS-EN IEC 62841-3-9:2020
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 62282-2:2012

Fuel cell technologies - Part 2: Fuel cell modules

Keel: en
Alusdokumendid: IEC 62282-2:2012; EN 62282-2:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 62282-2-100:2020
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

CLC/TS 50654-1:2018

HVDC Grid Systems and connected Converter Stations - Guideline and Parameter Lists for Functional Specifications - Part 1: Guidelines

Keel: en
Alusdokumendid: CLC/TS 50654-1:2018
Asendatud järgmise dokumendiga: CLC/TS 50654-1:2020
Standardi staatus: Kehtetu

CLC/TS 50654-2:2018

HVDC Grid Systems and connected Converter Stations - Guideline and Parameter Lists for Functional Specifications - Part 2: Parameter Lists

Keel: en
Alusdokumendid: CLC/TS 50654-2:2018
Asendatud järgmise dokumendiga: CLC/TS 50654-2:2020
Standardi staatus: Kehtetu

EVS-EN 60034-5:2002

Pöörlevad elektrimasinad. Osa 5: Pöörlevate elektrimasinate konstruktsiooniga tagatud kaitseastmed (IP-kood); klassifikatsioon
Rotating electrical machines - Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code); Classification

Keel: en
Alusdokumendid: IEC 60034-5:2000; EN 60034-5:2001
Asendatud järgmise dokumendiga: EVS-EN IEC 60034-5:2020
Muudetud järgmise dokumendiga: EVS-EN 60034-5:2002/A1:2007
Standardi staatus: Kehtetu

EVS-EN 60034-5:2002/A1:2007

Pöörlevad elektrimasinad. Osa 5: Pöörlevate elektrimasinate konstruktsiooniga tagatud kaitseastmed (IP-kood); klassifikatsioon
Rotating electrical machines - Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code); Classification

Keel: en
Alusdokumendid: IEC 60034-5:2000/A1:2006; EN 60034-5:2001/A1:2007
Asendatud järgmise dokumendiga: EVS-EN IEC 60034-5:2020
Standardi staatus: Kehtetu

EVS-EN 60317-0-4:2016

Specifications for particular types of winding wires - Part 0-4: General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire

Keel: en
Alusdokumendid: EN 60317-0-4:2016; IEC 60317-0-4:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60317-0-4:2020
Standardi staatus: Kehtetu

EVS-EN 60317-61:2012

Specifications for particular types of winding wires - Part 61: Polyester glass fibre wound, minimum class 180, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180

Keel: en
Alusdokumendid: IEC 60317-61:2012; EN 60317-61:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 60317-61:2020
Standardi staatus: Kehtetu

EVS-EN 60317-71:2017

Specifications for particular types of winding wires - Part 71: Polyester glass-fibre wound fused and resin or varnish impregnated, bare or enamelled round copper wire, temperature index 180

Keel: en
Alusdokumendid: IEC 60317-71:2017; EN 60317-71:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 60317-71:2020
Standardi staatus: Kehtetu

EVS-EN 60317-72:2017

Specifications for particular types of winding wires - Part 72: Polyester glass-fibre wound fused, silicone resin or varnish impregnated, bare or enamelled round copper wire, temperature index 200

Keel: en
Alusdokumendid: IEC 60317-72:2017; EN 60317-72:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 60317-72:2020
Standardi staatus: Kehtetu

EVS-EN 60424-1:2016
Ferrite cores - Guidelines on the limits of surface irregularities - Part 1: General Specification

Keel: en
Alusdokumendid: IEC 60424-1:2015; EN 60424-1:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 63093-1:2020
Standardi staatus: Kehtetu

EVS-EN 60424-5:2009
Ferrite cores - Guide on the limits of surface irregularities - Part 5: Planar-cores

Keel: en
Alusdokumendid: IEC 60424-5:2009; EN 60424-5:2009
Asendatud järgmise dokumendiga: EVS-EN IEC 63093-9:2020
Standardi staatus: Kehtetu

EVS-EN 60895:2004
Pingealune töö. Varjestav riietus kasutamiseks vahelduvvoolu nimipingel 800 kV ja alalisvoolul +/- 600 kV
Live working - Conductive clothing for use at nominal voltage up to 800 kV a.c. and +/- 600 kV d.c.

Keel: en
Alusdokumendid: IEC 60895:2002+Corr:2003; EN 60895:2003
Asendatud järgmise dokumendiga: EVS-EN IEC 60895:2020
Standardi staatus: Kehtetu

EVS-EN 61631:2002
Test method for the mechanical strength of cores made of magnetic oxides

Keel: en
Alusdokumendid: IEC 61631:2001; EN 61631:2001
Asendatud järgmise dokumendiga: EVS-EN IEC 61631:2020
Standardi staatus: Kehtetu

EVS-EN 62317-1:2007
Ferrite cores - Dimensions - Part 1: General specification

Keel: en
Alusdokumendid: IEC 62317-1:2007; EN 62317-1:2007
Asendatud järgmise dokumendiga: EVS-EN IEC 63093-1:2020
Standardi staatus: Kehtetu

EVS-EN 62317-9:2006
Ferrite cores - Dimensions - Part 9: Planar cores

Keel: en
Alusdokumendid: IEC 62317-9:2006; EN 62317-9:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 63093-9:2020
Muudetud järgmise dokumendiga: EVS-EN 62317-9:2006/A1:2007
Standardi staatus: Kehtetu

EVS-EN 62317-9:2006/A1:2007
Ferrite cores - Dimensions - Part 9: Planar cores

Keel: en
Alusdokumendid: IEC 62317-9:2006/A1:2007; EN 62317-9:2006/A1:2007
Asendatud järgmise dokumendiga: EVS-EN IEC 63093-9:2020
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 12015:2014
Elektromagnetiline ühilduvus. Liftide, eskalaatorite ja liikurkõnniteede tooteperekonnastandard. Emissioon
Electromagnetic compatibility - Product family standard for lifts, escalators and moving walks - Emission

Keel: en
Alusdokumendid: EN 12015:2014
Asendatud järgmise dokumendiga: EVS-EN 12015:2020
Standardi staatus: Kehtetu

EVS-EN 61968-1:2013
Application integration at electric utilities - System interfaces for distribution management - Part 1: Interface architecture and general requirements (IEC 61968-1:2012)

Keel: en
Alusdokumendid: IEC 61968-1:2012; EN 61968-1:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 61968-1:2020
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CEN/TS 16931-3-2:2017
Electronic invoicing - Part 3-2: Syntax binding for ISO/IEC 19845 (UBL 2.1) invoice and credit note

Keel: en
Alusdokumendid: CEN/TS 16931-3-2:2017
Asendatud järgmise dokumendiga: CEN/TS 16931-3-2:2020
Parandatud järgmise dokumendiga: CEN/TS 16931-3-2:2017/AC:2018
Standardi staatus: Kehtetu

CEN/TS 16931-3-2:2017/AC:2018
Electronic invoicing - Part 3-2: Syntax binding for ISO/IEC 19845 (UBL 2.1) invoice and credit note

Keel: en
Alusdokumendid: CEN/TS 16931-3-2:2017/AC:2018
Asendatud järgmise dokumendiga: CEN/TS 16931-3-2:2020
Standardi staatus: Kehtetu

CEN/TS 16931-3-3:2017
Electronic invoicing - Part 3-3: Syntax binding for UN/CEFACT XML Industry Invoice D16B

Keel: en
Alusdokumendid: CEN/TS 16931-3-3:2017
Asendatud järgmise dokumendiga: CEN/TS 16931-3-3:2020
Standardi staatus: Kehtetu

EVS-EN 62769-103-1:2015
Field Device Integration (FDI) - Part 103-1: Profiles - PROFIBUS

Keel: en
Alusdokumendid: IEC 62769-103-1:2015; EN 62769-103-1:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 62769-103-1:2020
Standardi staatus: Kehtetu

EVS-EN 62769-103-4:2015
Field Device Integration (FDI) - Part 103-4: Profiles - PROFINET

Keel: en
Alusdokumendid: IEC 62769-103-4:2015; EN 62769-103-4:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 62769-103-4:2020
Standardi staatus: Kehtetu

EVS-EN 62769-109-1:2015
Field Device Integration (FDI) - Part 109-1: Profiles - HART® and WirelessHART®

Keel: en
Alusdokumendid: IEC 62769-109-1:2015; EN 62769-109-1:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 62769-109-1:2020
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 15612:2008+A1:2010
Raudteealased rakendused. Pidurdamine. Kiirpidurdusklapp KONSOLIDEERITUD TEKST Railway applications - Braking - Brake pipe accelerator valve CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 15612:2008+A1:2010
Asendatud järgmise dokumendiga: EVS-EN 15612:2020
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 16603-32-10:2014
Space engineering - Structural factors of safety for spaceflight hardware

Keel: en
Alusdokumendid: ECSS-E-ST-32-10C Rev.1; EN 16603-32-10:2014
Asendatud järgmise dokumendiga: EVS-EN 16603-32-10:2020
Standardi staatus: Kehtetu

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 16293:2013
Packaging - Glass Packaging - Deep BVS finishes for still wines

Keel: en
Alusdokumendid: EN 16293:2013
Asendatud järgmise dokumendiga: EVS-EN 16293:2020
Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN 14030:2002
Geotextiles and geotextile-related products - Screening test method for determining the resistance to acid and alkaline liquid

Keel: en
Alusdokumendid: ISO/TR 12960:1998; EN 14030:2001
Asendatud järgmise dokumendiga: EVS-EN ISO 12960:2020
Muudetud järgmise dokumendiga: EVS-EN 14030:2002/A1:2003
Standardi staatus: Kehtetu

EVS-EN 14030:2002/A1:2003
Geotextiles and geotextile-related products - Screening test method for determining the resistance to acid and alkaline liquid

Keel: en
Alusdokumendid: ISO/TR 12960:1998; EN 14030:2001/A1:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 12960:2020
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 26501:2000
Ferronikkel. Iseloomustus ja tarnenõuded
Ferronickel - Specifications and delivery requirements

Keel: en
Alusdokumendid: ISO 6501:1988; EN 26501:1992
Asendatud järgmise dokumendiga: EVS-EN ISO 6501:2020
Standardi staatus: Kehtetu

EVS-EN ISO 11844-1:2008
Corrosion of metals and alloys - Classification of low corrosivity of indoor atmospheres - Part 1: Determination and estimation of indoor corrosivity

Keel: en
Alusdokumendid: ISO 11844-1:2006; EN ISO 11844-1:2008
Asendatud järgmise dokumendiga: EVS-EN ISO 11844-1:2020
Standardi staatus: Kehtetu

EVS-EN ISO 11844-2:2008
Corrosion of metals and alloys - Classification of low corrosivity of indoor atmospheres - Part 2: Determination of corrosion attack in indoor atmospheres

Keel: en
Alusdokumendid: ISO 11844-2:2005; EN ISO 11844-2:2008
Asendatud järgmise dokumendiga: EVS-EN ISO 11844-2:2020
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 1622-2:2000

Plastid. Polüstüreenist (PS) vormimis- ja ekstrusioonimaterjalid. Osa 2: Proovikehade ettevalmistamine ja omaduste määramine
Plastics - Polystyrene (PS) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties j(ISO 1622-2:1995)

Keel: en
Alusdokumendid: ISO 1622-2:1995; EN ISO 1622-2:1999
Asendatud järgmise dokumendiga: EVS-EN ISO 24022-2:2020
Standardi staatus: Kehtetu

EVS-EN ISO 8257-1:2006

Plastics - Poly(methyl methacrylate) (PMMA) moulding and extrusion materials - Part 1: Designation system and basis for specifications

Keel: en
Alusdokumendid: ISO 8257-1:1998; EN ISO 8257-1:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 24026-1:2020
Standardi staatus: Kehtetu

EVS-EN ISO 8257-2:2006

Plastics - Poly(methyl methacrylate) (PMMA) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties

Keel: en
Alusdokumendid: ISO 8257-2:2001; EN ISO 8257-2:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 24026-2:2020
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 12015:2014

Elektromagnetiline ühilduvus. Liftide, eskalaatorite ja liikurkõnniteede tooteperekonnastandard. Emissioon
Electromagnetic compatibility - Product family standard for lifts, escalators and moving walks - Emission

Keel: en
Alusdokumendid: EN 12015:2014
Asendatud järgmise dokumendiga: EVS-EN 12015:2020
Standardi staatus: Kehtetu

EVS-EN 15096:2008

Devices to prevent pollution by backflow of potable water - Hose Union anti-vacuum valves - DN 15 to DN 25 inclusive Family H, type B and type D - General technical specification

Keel: en
Alusdokumendid: EN 15096:2008
Asendatud järgmise dokumendiga: EVS-EN 15096:2020
Standardi staatus: Kehtetu

93 RAJATISED

EVS-EN 12697-1:2012

Asfaltsegud. Kuuma asfaltsegu katsemeetodid. Osa 1: Lahustuva sideaine sisaldus
Bituminous mixtures - Test methods for hot mix asphalt - Part 1: Soluble binder content

Keel: en, et
Alusdokumendid: EN 12697-1:2012
Asendatud järgmise dokumendiga: EVS-EN 12697-1:2020
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN ISO 12951:2015

Textile floor coverings - Determination of mass loss, fibre bind and stair nosing appearance change using the Lisson Tretrad machine (ISO 12951:2015)

Keel: en
Alusdokumendid: ISO 12951:2015; EN ISO 12951:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 12951:2020
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

EN ISO 7010:2020/prA1

Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 1 (ISO 7010:2019/Amd 1:2020)

Amendment for EN ISO 7010:2020

Keel: en
Alusdokumendid: ISO 7010:2019/Amd 1:2020; EN ISO 7010:2020/prA1
Muudab dokumenti: EVS-EN ISO 7010:2020

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 3838

Aerospace series - Requirements and tests on user-applied markings on aircraft electrical cables

This document specifies tests that are to be performed on markings applied by the user to ensure that their durability is satisfactory and that, after application of markings directly to the cable insulation, jacket or sheath, the cable will meet the performance requirements laid down.

Keel: en
Alusdokumendid: prEN 3838

Arvamusküsitluse lõppkuupäev: 29.08.2020

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

prEN 17371-2

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

This document provides guidance on the design, content and structure of service contracts. It is aimed at buyers and service providers entering a contractual relationship who do not necessarily have legal training. The guidance set out in this document does not constitute legal advice. This document is applicable to: a) service buyers and service providers regardless of type, size or the nature of the services; b) service providers who may be inside or outside the service buyers' organization; and c) any interested parties who are directly or indirectly involved in or affected by a procurement process. This document is not applicable to business-to-consumer (B2C) service contracts or for works contracts. NOTE 1 ‘Works contracts’ are contracts that have as their object the execution, or both the design and execution, of a work are not covered. Contracts having as their object only the design of a work are covered. NOTE 2 ‘Work’ means the outcome of building or civil engineering works taken as a whole which is sufficient in itself to fulfil an economic or technical function.

Keel: en
Alusdokumendid: prEN 17371-2

Arvamusküsitluse lõppkuupäev: 30.07.2020

prEN ISO 26000

Guidance on social responsibility (ISO 26000:2010)

ISO 26000:2010 provides guidance to all types of organizations, regardless of their size or location, on: - concepts, terms and definitions related to social responsibility; - the background, trends and characteristics of social responsibility; - principles and practices relating to social responsibility; - the core subjects and issues of social responsibility; - integrating, implementing and promoting socially responsible behaviour throughout the organization and, through its policies and practices, within its sphere of influence; - identifying and engaging with stakeholders; and - communicating commitments, performance and other information related to social responsibility. ISO 26000:2010 is intended to assist organizations in contributing to sustainable development. It is intended to encourage them to go beyond legal compliance, recognizing that compliance with law is a fundamental duty of any organization and an essential part of their social responsibility. It is intended to promote common understanding in the field of social responsibility, and to complement other instruments and initiatives for social responsibility, not to replace them. In applying ISO 26000:2010, it is advisable that an organization take into consideration societal, environmental, legal, cultural, political and organizational diversity, as well as differences in economic conditions, while being consistent with international norms of behaviour. ISO 26000:2010 is not a management system standard. It is not intended or appropriate for certification purposes or regulatory or contractual use. Any offer to certify, or claims to be certified, to ISO 26000 would be a misrepresentation of the intent and purpose and a misuse of ISO 26000:2010. As ISO 26000:2010 does not contain requirements, any such certification would not be a demonstration of conformity with ISO 26000:2010. ISO 26000:2010 is intended to provide organizations with guidance concerning social responsibility and can be used as part of public policy activities. However, for the purposes of the Marrakech Agreement establishing the World Trade Organization (WTO), it is not intended to be interpreted as an “international standard”, “guideline” or “recommendation”, nor is it intended to provide a basis for any presumption or finding that a measure is consistent with WTO obligations. Further, it is not intended to provide a basis for legal actions, complaints, defences or other claims in any international, domestic or other proceeding, nor is it intended to be cited as evidence of the evolution of customary international law. ISO 26000:2010 is not intended to prevent the development of national standards that are more specific, more demanding, or of a different type.

Keel: en
Alusdokumendid: ISO 26000:2010; prEN ISO 26000
Asendab dokumenti: EVS-ISO 26000:2011

Arvamusküsitluse lõppkuupäev: 29.08.2020

11 TERVISEHOOLDUS

EN 62563-1:2010/prA2:2020

Medical electrical equipment - Medical image display systems - Part 1: Evaluation methods

Amendment for EN 62563-1:2010

Keel: en
Alusdokumendid: IEC 62563-1:2009/A2:202X; EN 62563-1:2010/prA2:2020
Muudab dokumenti: EVS-EN 62563-1:2010

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 10535

Hoists for the transfer of disabled persons - Requirements and test methods (ISO/DIS 10535:2020)

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

Keel: en
Alusdokumendid: ISO/DIS 10535; prEN ISO 10535
Asendab dokumenti: EVS-EN ISO 10535:2007

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 11199-1

Assistive products for walking, manipulated by both arms - Requirements and test methods - Part 1: Walking frames (ISO/DIS 11199-1:2020)

This part of ISO 11199 specifies requirements and test methods of walking frames being used as assistive products for walking, manipulated by both arms, without accessories, unless specified in the particular test procedure. This part of ISO 11199 also gives requirements relating to safety, ergonomics, performance and information supplied by the manufacturer including marking and labelling. The requirements and tests are based on every-day use of walking frames as assistive products for walking for a maximum user mass as specified by the manufacturer. This part of ISO 11199 includes walking frames specified for a user mass of no less than 35 kg.

Keel: en
Alusdokumendid: ISO/DIS 11199-1; prEN ISO 11199-1
Asendab dokumenti: EVS-EN ISO 11199-1:2000

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 11199-2

Assistive products for walking, manipulated by both arms - Requirements and test methods - Part 2: Rollators (ISO/DIS 11199-1:2020)

This part of ISO 11199 specifies requirements and test methods of rollators being used as assistive products for walking with wheels, manipulated by both arms, without accessories, unless specified in the particular test procedure. This part of ISO 11199 also gives requirements relating to safety, ergonomics, performance and information supplied by the manufacturer including marking and labelling. The requirements and tests are based on every-day use of rollators as assistive products for walking for a maximum user mass as specified by the manufacturer. This part of ISO 11199 includes rollators specified for a user mass of no less than 35 kg. This part of ISO 11199 is not applicable to rollators with horizontal forearm supports, classified as walking tables, for which ISO 11199-3 is applicable.

Keel: en
Alusdokumendid: ISO/DIS 11199-2; prEN ISO 11199-2
Asendab dokumenti: EVS-EN ISO 11199-2:2005

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 9999

Assistive products - Classification and terminology (ISO/DIS 9999:2020)

This International Standard establishes a classification and terminology of assistive products, especially produced or generally available, for persons with disability. Assistive products used by a person with disability, but which require the assistance of another person for their operation, are included in the classification. The following items are specifically excluded from this International Standard: — items used for the installation of assistive products; — solutions obtained by combinations of assistive products that are individually classified in this International Standard; — medicines; — assistive products and instruments used exclusively by healthcare professionals or by teachers; — non-technical solutions, such as personal assistance, guide dogs or lip-reading; — implanted devices; — financial support.

Keel: en
Alusdokumendid: ISO/DIS 9999; prEN ISO 9999
Asendab dokumenti: EVS-EN ISO 9999:2016

Arvamusküsitluse lõppkuupäev: 29.08.2020

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN ISO 19918:2017/prA1

Protective clothing - Protection against chemicals - Measurement of cumulative permeation of chemicals with low vapour pressure through materials - Amendment 1: Extraction and chemical analysis (ISO 19918:2017/DAM 1:2020)

Amendment for EN ISO 19918:2017

Keel: en
Alusdokumendid: ISO 19918:2017/DAmd 1; EN ISO 19918:2017/prA1
Muudab dokumenti: EVS-EN ISO 19918:2017

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 12873-2

Influence of materials on water intended for human consumption - Influence due to migration - Part 2: Test method for non-metallic and noncementitious site-applied materials

This document specifies a procedure to determine the migration of substances from non-metallic and non-cementitious site-applied materials for use in contact with water intended for human consumption. It is applicable to site-applied materials intended to be used under various conditions for the transport and storage of water intended for human consumption, including raw water used for the production of water intended for human consumption. It covers the extraction by water of substances from these materials after their application on site. The document is applicable to materials whose physical or chemical properties alter during or after on-site application, such as coatings, paints, and adhesives. In addition, some site-applied materials that do not change in such a manner, e.g. greases or lubricants, are also included.

Keel: en
Alusdokumendid: prEN 12873-2
Asendab dokumenti: EVS-EN 12873-2:2005

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 15936

Sludge, treated biowaste, soil and waste - Determination of total organic carbon (TOC) by dry combustion

This document specifies two methods for the determination of total organic carbon (TOC) in sludge, treated biowaste, soil, waste and sediment samples containing more than 1 g carbon per kg of dry matter (0,1 %).

Keel: en

Alusdokumendid: prEN 15936
Asendab dokumenti: EVS-EN 15936:2012

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 16166

Sludge, treated biowaste, soil and sediments - Determination of adsorbed organically bound halogens (AOX)

This document specifies an empirical method for the direct determination of organically bound halogens adsorbable on activated carbon present in the aqueous phase of the sample prior to drying or adsorbed to sample surface. This document is intended for analysis of sludge, treated biowaste, soil or sediments in concentrations ranging from 5 mg/kg dry matter. The upper limit and exact concentration range covered depend on the instrumentation used for determination.

Keel: en
Alusdokumendid: prEN 16166
Asendab dokumenti: EVS-EN 16166:2012

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 11690-1

Acoustics - Recommended practice for the design of low-noise workplaces containing machinery - Part 1: Noise control strategies (ISO/FDIS 11690-1:2020)

This document outlines strategies to be used in dealing with noise problems in existing and planned workplaces by describing basic concepts in noise control (noise reduction, noise emission, noise immission and noise exposure). It is applicable to all types of workplaces and all types of sources of sound which are met in workplaces, including human activities. It includes those important strategies to adopt when buying a new machine or equipment. This document deals only with audible sound.

Keel: en
Alusdokumendid: ISO/FDIS 11690-1; prEN ISO 11690-1
Asendab dokumenti: EVS-EN ISO 11690-1:1999

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 11690-2

Acoustics - Recommended practice for the design of low-noise workplaces containing machinery - Part 2: Noise control measures (ISO/FDIS 11690-2:2020)

This document deals with the technical aspects of noise control in workplaces. The various technical measures are stated, the related acoustical quantities described, the magnitude of noise reduction discussed, and the verification methods outlined. This document deals only with audible sound.

Keel: en
Alusdokumendid: ISO/FDIS 11690-2; prEN ISO 11690-2
Asendab dokumenti: EVS-EN ISO 11690-2:1999

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 13849-1

Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design (ISO/DIS 13849-1:2020)

This part of ISO 13849 specifies a methodology and provides related guidance for the design and integration of safety-related parts of control systems (SRP/CS), including the design of software. This document specifies the characteristics needed to determine the performance level required of safety functions. This document applies to SRP/CS for high demand and continuous mode including their subsystems, regardless of the type of technology and energy (e.g. electrical, hydraulic, pneumatic, mechanical), for many kinds of machinery. The standard does not apply to low demand mode. This document does not specify the safety functions or required performance levels that are to be used in particular applications. This document does not give specific requirements for the design of products that are parts of SRP/CS. This document does not provide specific measures for security (e.g. physical, IT-security, cyber security) aspects. NOTE 1 This document specifies a methodology for SRP/CS design without considering if certain machinery (e.g. mobile machinery) requires specific requirements. These specific requirements can be considered in a Type- C standard. NOTE 2 See IEC 61508 for low demand mode. NOTE 3 See also ISO/TR 22100-4 for IT-security aspects and IEC/TR 63074 for security aspects.

Keel: en
Alusdokumendid: ISO/DIS 13849-1; prEN ISO 13849-1
Asendab dokumenti: EVS-EN ISO 13849-1:2015

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 22065

Workplace air - Gases and vapours - Requirements for evaluation of measuring procedures using pumped samplers (ISO/FDIS 22065:2020)

This document specifies performance requirements and test methods under prescribed laboratory conditions for the evaluation of pumped samplers used in conjunction with an air sampling pump and of procedures using these samplers for the determination of gases and vapours in workplace atmospheres. This document addresses requirements for method developers and/or

manufacturers. NOTE 1 For the purposes of this document, a manufacturer can be any commercial or non-commercial entity. NOTE 2 For the sampling of semi-volatile compounds which can appear as a mixture of vapours and airborne particles in workplace atmospheres see EN 13936. This document is applicable to pumped samplers and measuring procedures using these samplers in which sampling and analysis are carried out in separate stages. This document is not applicable to: — pumped samplers which are used for the direct determination of concentrations, for example, length-of-stain detector tubes; — samplers which rely on sorption into a liquid, and subsequent analysis of the solution (bubblers).

Keel: en
Alusdokumendid: ISO/FDIS 22065; prEN ISO 22065
Asendab dokumenti: EVS-EN ISO 22065:2019

Arvamusküsitluse lõppkuupäev: 29.08.2020

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN ISO 748

Hydrometry - Measurement of liquid flow in open channels - Velocity area methods using point velocity measurements (ISO/DIS 748:2020)

This International Standard specifies methods for determining the velocity and cross-sectional area of water flowing in open channels and for calculating the discharge employing point velocity measurement devices. It covers methods using rotating element Current Meters, Acoustic Doppler Velocimeters (ADV), Acoustic Doppler Velocity Profiler (ADVP) – Stationary method, Surface Velocity measurement including floats and other surface velocity systems. Although some general procedures are discussed, it does not describe in detail how to use or deploy these systems. For detailed procedures, reference should be made to guidelines from instrument manufacturers and appropriate public agencies.

Keel: en
Alusdokumendid: ISO/DIS 748; prEN ISO 748
Asendab dokumenti: EVS-EN ISO 748:2007

Arvamusküsitluse lõppkuupäev: 29.08.2020

19 KATSETAMINE

prEN IEC 60068-2-20:2020

Environmental testing - Part 2-20: Tests - Test T: Test methods for solderability and resistance to soldering heat of devices with leads

This part of IEC 60068 outlines Test T, applicable to devices with leads and leads themselves. Soldering tests for surface mounting devices (SMD) are described in IEC 60068-2-58. This standard provides procedures for determining the solderability and resistance to soldering heat of devices in applications using solder alloys, which are eutectic or near eutectic tin lead (Pb), or lead-free alloys. The procedures in this standard include the solder bath method and soldering iron method. The objective of this standard is to ensure that component lead or termination solderability meets the applicable solder joint requirements of IEC 61191-3 and IEC 61191-4. In addition, test methods are provided to ensure that the component body can be resistant to the heat load to which it is exposed during soldering. NOTE Information about wetting time and wetting force can be obtained by test methods using a wetting balance. See IEC 60068-2-69 (solder bath and solder globule method for SMDs).

Keel: en
Alusdokumendid: IEC 60068-2-20:202X; prEN IEC 60068-2-20:2020
Asendab dokumenti: EVS-EN 60068-2-20:2008

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN IEC 60068-2-38:2020

Environmental testing - Part 2-38: Tests - Test Z/AD: Composite temperature/humidity cyclic test

IEC 60068-2-38 provides a composite test procedure, primarily intended for component type specimens, to determine, in an accelerated manner, the resistance of specimens to the deteriorative effects of high temperature/humidity and cold conditions. This test standard does not apply to specimens that are energized during the complete test. Specimens may be energized during the constant phases of the tests. Measurements on energized specimens shall be carried out during constant phases of the test.

Keel: en
Alusdokumendid: IEC 60068-2-38:202X; prEN IEC 60068-2-38:2020
Asendab dokumenti: EVS-EN 60068-2-38:2009

Arvamusküsitluse lõppkuupäev: 29.08.2020

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

prEN ISO 4014

Hexagon head bolts - Product grades A and B (ISO/DIS 4014:2020)

This document specifies the characteristics of hexagon head bolts, in steel and stainless steel, with metric coarse pitch threads M1,6 to M64, and with product grades A and B. NOTE If in certain cases other specifications are requested, property classes and stainless steel grades can be selected from ISO 898-1 or ISO 3506-1, and dimensional options from ISO 888 or ISO 4753.

Keel: en
Alusdokumendid: ISO/DIS 4014; prEN ISO 4014
Asendab dokumenti: EVS-EN ISO 4014:2011

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 4015

Hexagon head bolts with reduced shank (shank diameter ≈ pitch diameter) - Product grade B (ISO/DIS 4015:2020)

This document specifies the characteristics of hexagon head bolts with reduced shank (shank diameter pitch diameter), in steel and stainless steel, with metric coarse pitch threads M3 to M20, and with product grade B. NOTE 1 If in certain cases other specifications are requested, property classes and stainless steel grades can be selected from ISO 898-1 or ISO 3506-1, and dimensional options from ISO 888 or ISO 4753. NOTE 2 For hexagon head bolts with full shank, see ISO 4014.

Keel: en
Alusdokumendid: ISO/DIS 4015; prEN ISO 4015
Asendab dokumenti: EVS-EN 24015:1999

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 4016

Hexagon head bolts - Product grade C (ISO/DIS 4016:2020)

This document specifies the characteristics of hexagon head bolts, in steel, with metric coarse pitch threads M5 to M64, and with product grade C. NOTE If in certain cases other specifications are requested, property classes can be selected from ISO 898-1 and dimensional options from ISO 888 or ISO 4753.

Keel: en
Alusdokumendid: ISO/DIS 4016; prEN ISO 4016 rev
Asendab dokumenti: EVS-EN ISO 4016:2011

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 4017

Hexagon head screws - Product grades A and B (ISO/DIS 4017/2020)

This document specifies the characteristics of hexagon head screws, in steel and stainless steel, with metric coarse pitch threads M1,6 to M64, and with product grades A and B. NOTE If in certain cases other specifications are requested, property classes and stainless steel grades can be selected from ISO 898-1 or ISO 3506-1, and dimensional options from ISO 888 or ISO 4753.

Keel: en
Alusdokumendid: ISO/DIS 4017; prEN ISO 4017
Asendab dokumenti: EVS-EN ISO 4017:2014

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 4018

Hexagon head screws - Product grade C (ISO/DIS 4018:2020)

This document specifies the characteristics of hexagon head screws, in steel, with metric coarse pitch threads M5 to M64, and with product grade C. NOTE If in certain cases other specifications are requested, property classes can be selected from ISO 898-1, and dimensional options from ISO 888 or ISO 4753.

Keel: en
Alusdokumendid: ISO/DIS 4018; prEN ISO 4018
Asendab dokumenti: EVS-EN ISO 4018:2011

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 8676

Hexagon head screws with metric fine pitch thread - Product grades A and B (ISO/DIS 8676:2020)

This document specifies the characteristics of hexagon head screws, in steel and stainless steel, with metric fine pitch threads M8×1 to M64×4, and with product grades A and B. NOTE If in certain cases other specifications are requested, property classes and stainless steel grades can be selected from ISO 898-1 or ISO 3506-1, and dimensional options from ISO 888 or ISO 4753.

Keel: en
Alusdokumendid: ISO/DIS 8676; prEN ISO 8676
Asendab dokumenti: EVS-EN ISO 8676:2011

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 8765

Hexagon head bolts with metric fine pitch thread - Product grades A and B (ISO/DIS 8765:2020)

This document specifies the characteristics of hexagon head bolts, in steel and stainless steel, with metric fine pitch threads M8×1 to M64×4, and with product grades A and B. NOTE If in certain cases other specifications are requested, property classes and stainless steel grades can be selected from ISO 898-1 or ISO 3506-1, and dimensional options from ISO 888 or ISO 4753.

Keel: en
Alusdokumendid: ISO/DIS 8765; prEN ISO 8765
Asendab dokumenti: EVS-EN ISO 8765:2011

Arvamusküsitluse lõppkuupäev: 29.08.2020

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN ISO 18752

Rubber hoses and hose assemblies - Wire- or textile-reinforced single-pressure types for hydraulic applications - Specification (ISO/DIS 18752:2020)

This document specifies requirements for ten classes, four grades and seven types of wire- or textile-reinforced hydraulic hoses and hose assemblies of nominal sizes ranging from 5 to 102. Each class has a single maximum working pressure for all sizes. They are suitable for use with: — oil-based hydraulic fluids HH, HL, HM, HR and HV as defined in ISO 6743-4 at temperatures ranging from −40 °C to +100 °C for types AS, AC, BS and BC hoses and from −40 °C to +120 °C for types CS, CC and DC hoses; — water-based fluids HFC, HFAE, HFAS and HFB as defined in ISO 6743-4 at temperatures ranging from −40 °C to +70 °C; — water at temperatures ranging from 0 °C to +70 °C; This document does not include requirements for the connection ends. It is limited to the performance of hoses and hose assemblies. The hose assembly maximum working pressure is governed by the lowest maximum working pressure of the components. NOTE It is the responsibility of the user, in consultation with the hose manufacturer, to establish the compatibility of the hose with the fluid to be used.

Keel: en
Alusdokumendid: ISO/DIS 18752; prEN ISO 18752
Asendab dokumenti: EVS-EN ISO 18752:2016

Arvamusküsitluse lõppkuupäev: 29.08.2020

25 TOOTMISTEHNOLOOGIA

EN 62841-2-1:2018/prA1:2020

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 2-1: Erinõuded käeshoitavatele trellidele ja lööktrellidele
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-1: Particular requirements for hand-held drills and impact drills

Standardi EN 62841-2-1:2018 muudatus

Keel: en
Alusdokumendid: IEC 62841-2-1:2017/A1:202X; EN 62841-2-1:2018/prA1:2020
Muudab dokumenti: EVS-EN 62841-2-1:2018

Arvamusküsitluse lõppkuupäev: 29.08.2020

FprEN IEC 62841-2-3:2020/prAA

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-3: Particular requirements for hand-held grinders, disc-type polishers and disc-type sanders

This part of IEC 62841 applies to hand-held grinders, disc-type polishers and disc-type sanders, including angle, straight and vertical tools, intended for use on various materials except magnesium, with a rated capacity not exceeding 230 mm. For grinders, the rated no-load speed does not exceed a peripheral speed of the accessory of 80 m/s at rated capacity.

Keel: en
Alusdokumendid: FprEN IEC 62841-2-3:2020/prAA
Muudab dokumenti: prEN IEC 62841-2-3:2018

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 3613

Metallic and other inorganic coatings - Chromate conversion coatings on zinc, cadmium, aluminium-zinc alloys and zinc-aluminium alloys - Test methods (ISO/DIS 3613:2020)

This document specifies methods for the determination of — the presence of colourless chromate conversion coatings, — the presence of hexavalent chromium in colourless and coloured coatings on zinc or cadmium or aluminium-zinc (mass fraction of aluminium: 55 %, within a range of 54 % to 56 % mass fraction) and zinc-aluminium (mass fraction of aluminium: 5 %) alloys, — the total chromium content per unit area on zinc and cadmium, — the mass per unit area of both colourless and coloured coatings, — the satisfactory adhesion of chromate conversion coatings, and — the quality of chromate coatings. These methods are applicable — to colourless and coloured chromate conversion coatings containing trivalent and hexavalent chromium in varying proportions and produced by either chemical or electrochemical processes, and — only to chromate coatings that are free from any supplementary coatings, such as oil, water or solvent-based polymers or wax.

Keel: en
Alusdokumendid: ISO/DIS 3613; prEN ISO 3613
Asendab dokumenti: EVS-EN ISO 3613:2011

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 9455-5

Soft soldering fluxes - Test methods - Part 5: Copper mirror test (ISO/FDIS 9455-5:2020)

This document specifies a qualitative method for assessing the aggressiveness of a flux towards copper. The test is applicable to all fluxes of type 1 as defined in ISO 9454-1.

Keel: en
Alusdokumendid: prEN ISO 9455-5; ISO/FDIS 9455-5:2020
Asendab dokumenti: EVS-EN ISO 9455-5:2014

Arvamusküsitluse lõppkuupäev: 29.08.2020

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEVS 860

Tehniliste paigaldiste termiline isoleerimine. Torustikud, mahutid ja seadmed. Soojusisolatsiooni teostus
Thermal insulation of technical equipment - Insulation of pipes, vessels and equipment - Application of thermal insulation

See standard kirjeldab sellist torude, mahutite ja seadmete soojusisoleerimist, kus isolatsioonimaterjalina kasutatakse mineraalvilla ja kattematerjalina lehtmetalli. Sobivuse korral võib seda standardit kasutada ka muudel isolatsioonitöödel.

Keel: et
Asendab dokumenti: EVS 860:2015

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEVS 860-1

Tehniliste paigaldiste termiline isoleerimine. Osa 1: Torustikud, mahutid ja seadmed. Isolatsioonimaterjalid ja -elemendid
Thermal insulation of technical equipment - Part 1: Insulation of pipes, vessels and equipment. Insulationg materials and elements

Käesolev standard on osa "Tehniliste paigaldiste termilise isoleerimise" standardite sarjast, mis on koostatud projekteerijatele, töövõtjatele, kuid ka isolatsioonitööde tellijatele. Standard käsitleb vajalikku põhiinformatsiooni tehniliste paigaldiste termilise isoleerimise projekteerimiseks ja paigaldamiseks.

Keel: et
Asendab dokumenti: EVS 860-1:2010

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEVS 860-6

Tehniliste paigaldiste termiline isoleerimine. Osa 6: Torustikud, mahutid ja seadmed. Külmaisolatsioon
Thermal insulation of technical equipment - Part 6: Insulation of pipes, vessels and equipment - Cold insulation

See standard on osa „Tehniliste paigaldiste termilise isoleerimise“ standardisarjast, mis on koostatud projekteerijatele, töövõtjatele ning isolatsioonitööde tellijatele. See standard käsitleb olulisemaid faktoreid, mida tuleb järgida tehniliste paigaldiste külmaisolatsiooni projekteerimisel, teostamisel ja materjalide valikul.

Keel: et
Asendab dokumenti: EVS 860-6:2015

Arvamusküsitluse lõppkuupäev: 29.08.2020

29 ELEKTROTEHNIKA

EN IEC 62040-1:2019/prA1:2020

Uninterruptible power systems (UPS) - Part 1: Safety requirements

Amendment for EN IEC 62040-1:2019

Keel: en
Alusdokumendid: IEC 62040-1:2017/A1:202X; EN IEC 62040-1:2019/prA1:2020
Muudab dokumenti: EVS-EN IEC 62040-1:2019

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 3838

Aerospace series - Requirements and tests on user-applied markings on aircraft electrical cables

This document specifies tests that are to be performed on markings applied by the user to ensure that their durability is satisfactory and that, after application of markings directly to the cable insulation, jacket or sheath, the cable will meet the performance requirements laid down.

Keel: en
Alusdokumendid: prEN 3838

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 50626-1

Conduit systems buried underground for the protection and management of insulated electrical cables or communication cables - Part 1: General requirements

This European Standard specifies general requirements and tests for conduit systems buried underground for the protection and management of insulated conductors and/or power cables or communication cables. This European Standard is applicable to conduits with circular cross section. The requirements described in this standard are applicable to all conduits - installed individually or installed as a part of an assembly; - where the cable is installed by pulling or pushing. prEN 50626-2 specifies particular requirements and tests that are required for special applications. NOTE Examples of special applications include special pipe installation techniques, and alternative cable installation techniques are trenchless installation.

Keel: en
Alusdokumendid: prEN 50626-1
Asendab dokumenti: EVS-EN 61386-24:2010

Arvamusküsitluse lõppkuupäev: 30.07.2020

prEN 50626-2

Conduit systems buried underground for the protection and management of insulated electrical cables or communication cables - Part 2: Polyethylene (PE), Polypropylene (PP) or Unplasticized poly(vinyl chloride) (PVC-U) conduit systems - Requirements for solid wall conduits, fittings and the system used in special applications

This European Standard specifies particular requirements and tests for conduit systems buried underground for the protection and management of insulated conductors and/or power cables or communication cables that are installed by different techniques, for example, blowing (including floating), pulling or pushing directly after installation of the conduit or during its expected performance time. This standard is applicable to all conduits with circular cross section manufactured individually or manufactured as a part of an assembly NOTE Reference is made to other documents for additional material requirements where applicable.

Keel: en
Alusdokumendid: prEN 50626-2

Arvamusküsitluse lõppkuupäev: 30.07.2020

prEN 50708-1-2

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

This document applies to all power transformers in scope of TC 14. This document provides rules for assessment of energy performance for manufacturers, suppliers and importers that for each transformer deliver the certificate and technical documentation mentioning the value measured as described in the Regulation.

Keel: en
Alusdokumendid: prEN 50708-1-2

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN IEC 62271-213:2020

High-voltage switchgear and controlgear - Part 213: Voltage detecting and indicating system

This Part 213 of IEC 62271 is applicable to Voltage Detecting and Indication System (VDIS) to be installed on indoor and outdoor high-voltage equipment. The VDIS as defined by this standard includes a coupling system per phase (capacitive, resistive coupling or other technology) to connect to live parts (main circuit). The VDIS is applicable on systems with nominal voltages above 1 kV and service frequencies from 16,7 Hz up to and including 60 Hz. The VDIS is used to detect and indicate the presence or absence of operating voltage. It is not intended to distinguish between voltage not present (i.e. U < 10% of nominal voltage) and dead circuit state (i.e. U = 0 V).” NOTE 1: The use of a specific means of connection to earth of the main circuit (e.g. by an earthing switch) provides the “dead circuit” (U = 0 V) state.” NOTE 2: The VDIS has the same threshold values than VPIS (IEC 62271-206) and VDS (IEC 61243-5) for not indicating presence of voltage and for detecting absence of operating voltage, respectively. The VDIS is to be fixed on equipment such as switchgear and controlgear according to IEC 62271 series or transformers according to their own standard. The products designed and manufactured as per this standard contribute to the safety of the users provided, they are used by skilled or instructed persons, in accordance with safe methods of works and the instruction of use.

Keel: en
Alusdokumendid: IEC 62271-213:202X; prEN IEC 62271-213:2020

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN IEC 62271-215

High-voltage switchgear and controlgear - Part 215: Phase comparator

This Part 215 of IEC 62271 is applicable to phase comparators designed to be plugged into the testing points of a voltage detecting and indicating system (VDIS) according to IEC 62271-213, to give an indication of the result of a phase comparison. The main usage is to provide a clear evidence of the correct phase relationship between two energized parts of a high-voltage network, at the same nominal voltage and frequency before coupling them. This standard or parts of the standard can also be applied to phase comparison function of other devices connected to the VDIS upon agreement of manufacturer and user. This standard does not cover phase comparators to be used directly on bare parts of live electrical installation or at a distance, which are covered by IEC 61481-1:2014 and IEC 61481-2:2014. The products designed and manufactured according to this standard contribute to the safety of the users, provided they are used by skilled or instructed persons, in accordance with safe working procedures and the instructions for use.

Keel: en
Alusdokumendid: IEC 62271-215:202X; prEN IEC 62271-215

Arvamusküsitluse lõppkuupäev: 29.08.2020

33 SIDETEHNIKA

prEN 300 338-1 V1.5.2

Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 1: Common requirements

The present document states the minimum requirements for equipment to be used for generation, transmission and reception of Digital Selective Calling (DSC) for use on board ships. DSC is intended to be used in the Medium Frequency (MF), High Frequency (HF) and Very High Frequency (VHF) bands of the Maritime Mobile Service (MMS), for distress, urgency and safety communication and general communications. The present document is part 1 of a multi-part deliverable that covers the requirements to be fulfilled by: • DSC equipment integrated with a transmitter and/or a receiver; • DSC equipment not integrated with a transmitter and/or a receiver. These requirements include the relevant provisions of the ITU Radio Regulations and Recommendations ITU-R M.493-15, M.541-10, M.689-3 and M.1082-1, the International Convention for the Safety Of Life At Sea (SOLAS), and the relevant resolutions of the International Maritime Organization (IMO). Equipment for generation, transmission and reception of DSC designed according to the following equipment classes: • Class A: includes all the facilities defined in annex 1 of Recommendation ITU-R M.493-15 and complies with the IMO Global Maritime Distress and Safety System (GMDSS) carriage requirements for MF/HF installations and/or VHF installations. • Class D: provides minimum facilities for VHF DSC distress, urgency and safety as well as routine calling and reception as recommended by IMO MSC/Circ.803 for non-SOLAS vessels participating in the GMDSS. • Class E: provides minimum facilities for MF and/or HF DSC distress, urgency and safety as well as routine calling and reception as recommended by IMO MSC/Circ.803 for non-SOLAS vessels participating in the GMDSS. • Class H: provides minimum facilities for handheld VHF DSC distress, urgency and safety as well as routine calling and reception as recommended by IMO MSC/Circ.803 for non-SOLAS vessels participating in the GMDSS. • Class M: provides minimum facilities for VHF Man Overboard devices as defined in Recommendation ITU-R M.493-15. NOTE 1: Class A equipment may support the optional semi-automatic/automatic service in accordance with Recommendations ITU-R M.689-3, M.1082-1 and M.493-15, tables A1-4.10.1 and A1-4.10.2 and are encouraged to do so. NOTE 2: Class D and Class E equipment may also support the optional semi-automatic/automatic service.

Keel: en
Alusdokumendid: Draft ETSI EN 300 338-1 V1.5.2

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 303 213-4-1 V2.0.1

Lennuvälja maapealse liikluse juhtimise täiustatud süsteem (A-SMGCS); Osa 4. Ühenduse Spetsifikatsioon, rakendamiseks süsteemi juures kasutatava mitte-kooperatiivse ehk primaarradari printsiipi kasutava sensori ja tema liideste jaoks; Alaosa 1. Mitte-kooperatiivse ehk primaarradari printsiipi kasutava sensori üldnõuded
Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 4: Community Specification for a deployed non-cooperative sensor including its interfaces; Sub-part 1: Generic requirements for non-cooperative sensor

The present document is applicable to deployed non-cooperative sensor as a constituent of an Advanced Surface Movement Guidance and Control System (A-SMGCS). The present document provides a European Standard for manufacturers, Air Navigation Service Providers and/or Airport Operators, who have to demonstrate and declare compliance of their systems and constituents to the Essential Requirements (ERs) of Annex VIII of Regulation (EU) 2018/1139. NOTE 1: The ERs in Annex VIII of Regulation (EU) 2018/1139 covered by the present document are outlined in Table A.1. NOTE 2: Although the ERs of the SES Interoperability Regulation have been repealed with effect from 11 September 2018, a mapping of the requirements for the A-SMGCS Surveillance Service to this same regulation is provided in Annex B. Any software elements related to the software assurance level of an A-SMGCS are out of scope of the present document. As such the ERs of Regulation (EU) 2018/1139 are not considered for software elements within the present document. The present document does not give presumption of conformity related to the maintenance requirements, environmental constraints, procedure level, effect of harmful interference and civil/military coordination. NOTE 3: For these ERs, the Air Navigation Service Provider will need to provide supplementary compliance within their Interoperability Technical Files. The present document does not give presumption of conformity to any current interoperability Implementing Rules (IRs). NOTE 4: Currently there are no relevant Implementing Rules for A-SMGCS. Requirements in the present document which refer to "should" statements or recommendations in the normatively referenced material are to be interpreted as fully normative ("shall") for the purpose of compliance with the present document if they are

unambiguously referred to from the present document. The reference to particular requirements is done either by citing the unambiguous requirement number or range of numbers (e.g. "[REQ 30.] to [REQ 35.]") or, if no requirement numbers are available, by indicating the paragraph and clause of the reference material where the requirement can be found. NOTE 5: Other requirements and other EU Regulations and/or Directives may be applicable to the product(s) falling within the scope of the present document.

Keel: en
Alusdokumendid: Draft ETSI EN 303 213-4-1 V2.0.1

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 303 213-4-2 V2.0.1

Lennuvälja maapealse liikluse juhtimise täiustatud süsteem (A-SMGCS); Osa 4. Ühenduse Spetsifikatsioon, rakendamiseks süsteemi juures kasutatava mitte-kooperatiivse ehk primaarradari printsiipi kasutava sensori ja tema liideste jaoks; Alaosa 2. Erinõuded süsteemi juures kasutatava maapealse liikluse seireradari (SMR) jaoks
Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 4: Community Specification for a deployed non-cooperative sensor including its interfaces; Sub-part 2: Specific requirements for a deployed Surface Movement Radar sensor

The present document is applicable to deployed non-cooperative SMR sensor as a constituent of an Advanced Surface Movement Guidance and Control System (A-SMGCS). NOTE 1: Generic requirements for a non-cooperative sensor are defined in ETSI EN 303 213-4-1. The present document provides a European Standard for manufacturers, Air Navigation Service Providers and/or Airport Operators, who have to demonstrate and declare compliance of their systems and constituents to the Essential Requirements (ERs) of Annex VIII of Regulation EU 2018/1139. NOTE 2: The ERs in Annex VIII of Regulation EU 2018/1139 covered by the present document are outlined in Table A.1. NOTE 3: Although the ERs of the SES Interoperability Regulation have been repealed with effect from 11 September 2018, a mapping of the requirements for the A-SMGCS Surveillance Service to this same regulation is provided in Annex B. Any software elements related to the software assurance level of an A-SMGCS are out of scope of the present document. As such the ERs of Regulation EU 2018/1139 [i.6] are not considered for software elements within the present document. The present document does not give presumption of conformity related to the maintenance requirements, environmental constraints, procedure level, effect of harmful interference and civil/military coordination. NOTE 4: For these ERs, the Air Navigation Service Provider will need to provide supplementary compliance within their Interoperability Technical Files. The present document does not give presumption of conformity to any current interoperability Implementing Rules (IRs). NOTE 5: Currently there are no relevant Implementing Rules for A-SMGCS. Requirements in the present document which refer to "should" statements or recommendations in the normatively referenced material (clause 2.1) are to be interpreted as fully normative ("shall") for the purpose of compliance with the present document if they are unambiguously referred to from the present document. The reference to particular requirements is done either by citing the unambiguous requirement number or range of numbers (e.g. "[REQ 30.] to [REQ 35.]") or, if no requirement numbers are available, by indicating the paragraph and clause of the reference material where the requirement can be found. NOTE 6: Other requirements and other EU Regulations and/or Directives may be applicable to the product(s) falling within the scope of the present document.

Keel: en
Alusdokumendid: Draft ETSI EN 303 213-4-2 V2.0.1

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 303 340 V1.2.0

Digitaalsed maapealsed TV ringhäälinguvastuvõtjad; Raadiospektrile juurdepääsu harmoneeritud standard
Digital Terrestrial TV Broadcast Receivers; Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for digital terrestrial television broadcast receivers fitted with an external antenna input (tuner port) capable of receiving DVB-T and/or DVB-T2 signals. Receivers without external antenna connectors, receivers with diversity, and receivers intended for mobile or automotive reception are not covered by the present document. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A. The present document includes considerations of interference from LTE transmissions in the 700 MHz and 800 MHz bands and DTT transmissions in UHF band IV. The requirements of the installation system (antenna, feeder cable, amplifiers, etc.) are not addressed. Table 1: Broadcast frequency bands Broadcast frequency bands VHF III UHF IV and V There are country specific variations of frequency usage for digital terrestrial television reception and other users such as mobile broadband. The tests in the present document only apply if the DTT broadcast receiver supports the wanted signal configuration used by the test in question. The applicable tests are summarized in annex E, table E.1.

Keel: en
Alusdokumendid: Draft ETSI EN 303 340 V1.2.0

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN IEC 60794-1-2:2020

Optical fibre cables - Part 1-2: Generic specification - Basic optical cable test procedures - General guidance

This part of IEC 60794-1 applies to optical fibre cables for use with telecommunications equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors. An objective of this specification is to define general requirements and methodology guidance applicable to all of the cable test methods of the 60794-1-2 set. A second objective of this document is to provide the end user with an overview of the different test methods contained in the IEC 60794-1 series numbered -Xnn. Table 1 shows the different parts. These documents define test procedures to be used in establishing uniform requirements for the geometrical, transmission, material, mechanical, ageing (environmental exposure) and

climatic properties of optical fibre cables, and electrical requirements where appropriate. Throughout the documents, the wording "optical cable" can also include optical fibre units, microduct fibre units, etc. The secondary objective of this document is to provide the end user with useful guidance when testing optical fibre cables.

Keel: en
Alusdokumendid: IEC 60794-1-2:202X; prEN IEC 60794-1-2:2020
Asendab dokumenti: EVS-EN 60794-1-2:2017
Asendab dokumenti: EVS-EN 60794-1-2:2017/AC:2017

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN IEC 61280-2-8:2020
Fibre optic communication subsystem test procedures - Digital systems - Part 2-8: Determination of low BER using Q-factor measurements

This part of IEC 61280 specifies two main methods for the determination of low BER values by making accelerated measurements. These include the variable decision threshold method (Clause 5) and the variable optical threshold method (Clause 6). In addition, a third method, the sinusoidal interference method, is described in Annex B.

Keel: en
Alusdokumendid: IEC 61280-2-8:202X; prEN IEC 61280-2-8:2020
Asendab dokumenti: EVS-EN 61280-2-8:2003

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN IEC 61300-2-10:2020
Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-10: Tests - Crush and load resistance

This part of IEC 61300 evaluates the effect of loads which is possible to occur when fibre optic devices are exposed to critical situations such as being stepped on, being run over by vehicle tyres, when an evenly-distributed static load is applied to the top surface of a street cabinet or when a load is applied to a street cabinet's open door.

Keel: en
Alusdokumendid: IEC 61300-2-10:202X; prEN IEC 61300-2-10:2020
Asendab dokumenti: EVS-EN 61300-2-10:2012

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN IEC 61753-111-8:2020
Fibre optic interconnecting devices and passive components - Performance standard - Part 111-8: Sealed closures for Category G - Ground

This part of IEC 61753-111 contains the minimum tests, test severities and measurement requirements which a sealed fibre optic closure need to meet in order to be categorised as meeting the IEC standard for Category G – Ground, as defined in Table A.14 of IEC 61753-1:2018. Free breathing closures are not covered in this standard.

Keel: en
Alusdokumendid: IEC 61753-111-8:202X; prEN IEC 61753-111-8:2020
Asendab dokumenti: EVS-EN 61753-111-8:2010

Arvamusküsitluse lõppkuupäev: 29.08.2020

35 INFOTEHNOLOOGIA

prEN 17529
Data protection and privacy by design and by default

This document provides requirements for manufacturers and/or service providers to implement Data protection and Privacy by Design and by Default (DPbDD) early in their development of their products and services, i.e. before (or independently of) any specific application integration, to make sure that they are as privacy ready as possible. The document will be applicable to all business sectors, including the security industry.

Keel: en
Alusdokumendid: prEN 17529

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN IEC 63154:2020
Maritime navigation and radiocommunication equipment and systems – Cybersecurity – General requirements, methods of testing and required test results

This document specifies requirements, methods of testing and required test results where standards are needed to provide a basic level of protection against cyber incidents (i.e. malicious attempts, which actually or potentially result in adverse consequences to equipment, their networks or the information that they process, store or transmit) for: a) shipborne radio equipment forming part of the global maritime distress and safety system (GMDSS) mentioned in the International Convention for Safety of Life at Sea (SOLAS) as amended, and by the Torremolinos International Convention for the Safety of Fishing Vessels as amended and to other shipborne radio equipment, where appropriate; b) shipborne navigational equipment mentioned in the International Convention for Safety of Life at Sea (SOLAS) as amended, and by the Torremolinos International Convention for the

Safety of Fishing Vessels as amended, c) other shipborne navigational aids, and Aids to Navigation (AtoN), where appropriate. The document is organised as a series of Modules dealing with different aspects. The document considers both normal operation of equipment and the maintenance of equipment. For each Module a statement is provided indicating whether the Module applies during normal operation or in maintenance mode. Communication initiated from navigation or radiocommunication equipment outside of items a), b) and c) above, for example ship side to other ship or shore side, are outside of the scope of this standard. This standard does not address cyber-hygiene checks, e.g. anti-malware scanning, etc., performed outside of the cases defined in this standard.

Keel: en
Alusdokumendid: IEC 63154:202X; prEN IEC 63154:2020

Arvamusküsitluse lõppkuupäev: 29.08.2020

45 RAUDTEETEHNIKA

prEN 16186-3

Railway applications - Driver's cab - Part 3: Design of displays

This European Standard specifies all necessary design rules and associated assessment criteria as well as guidance concerning the design of information and the corresponding user interfaces of driver’s cabs of EMU, DMU, Railcars, Locomotives and Driving trailers. NOTE 1 This standard applies to rolling stock in the scope of the Directive 2008/57/EC. It considers the tasks the driver has to carry out and human factors. This standard specifies how information is arranged and displayed. It is explicitly applicable to display applications like TRD, ETD, CCD and TDD and may be completed by the CLC/TS 50459 series. This standard is not applicable to legacy ATP systems. If requirements in this standard are in conflict with the ERA DMI document (ERA_ERTMS_015560) the requirements of the ERA DMI document should prevail for the CCD ETCS application. NOTE 2 For resolving any discrepancies (e.g. 5.4.2.3) ERA is expected to harmonize the usage philosophy of the ERA DMI with this standard. All assessments based on the normative requirements of this standard are applicable mainly to - symbols provided by Annex A, - arrangement of screen areas conform with Figure 1 (generic organization of information), - colours, fonts, - audible information. This standard is applicable to the following aspects: - legibility and intelligibility of displayed information: general rules concerning the layout of information on the displays, including character size and spacing; - definition of harmonized colours, symbols, etc.; - definition of harmonized principles for the command interface (by physical or touchscreen buttons): size, symbols, reaction time, way to give feedback to the driver, etc.; - general arrangements (dialogue structures, sequences, layout philosophy, colour philosophy), symbols, audible information, data entry arrangements. NOTE 3 If this standard deals with how information can be given for operation and in degraded situations, it does not define operating rules and degraded situations. This standard does not request any safety requirement related with displayed information. This standard specifies minimum requirements and does not prevent more complex solutions. Requirements describing the functions using the display are out of scope of this standard. This standard is not intended to be applicable for tramway, metros and light rail vehicles.

Keel: en
Alusdokumendid: prEN 16186-3
Asendab dokumenti: EVS-EN 16186-3:2016+A1:2018

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 16186-8

Railway applications - Driver's cab - Part 8: Tram vehicle layout and access

This European standard gives design rules and requirements in order to ensure proper access, lighting, seating and exit of the driver’s cab. The different dimensions are based on the anthropometric data defined in EN 16186-5. The corresponding assessment methods are also included in this standard. It covers the following aspects: - dimension and interior layout; - door access, steps, floor characteristics; - seats dimension and clearance; - interior cab lighting; - emergency exit; - marking and labelling, This part of EN 16186 series applies to vehicles operating on tram networks.

Keel: en
Alusdokumendid: prEN 16186-8

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 17530

Railway applications - Interior glazing for rail vehicles

This document specifies the functional, performance and quality requirements for rail vehicle interior glazing including type testing, routine testing and inspection methods. This document applies to all rail vehicles. Determination of the size, shape, orientation and position of interior glazing is outside the scope of this document. These data form part of the interior glazing technical specification. This document does not specify requirements for the interfaces between the interior glazing and the vehicle. Accordingly this document does not address issues relating to installation and structural integrity. This standard does not apply to interior glazing with a surface less than 0,02 m2 and also emergency device casings (e.g. emergency hammers, passenger alarm systems, etc).

Keel: en
Alusdokumendid: prEN 17530

Arvamusküsitluse lõppkuupäev: 29.08.2020

47 LAEVAEHITUS JA MERE-EHITISED

prEN IEC 63154:2020

Maritime navigation and radiocommunication equipment and systems – Cybersecurity – General requirements, methods of testing and required test results

This document specifies requirements, methods of testing and required test results where standards are needed to provide a basic level of protection against cyber incidents (i.e. malicious attempts, which actually or potentially result in adverse consequences to equipment, their networks or the information that they process, store or transmit) for: a) shipborne radio equipment forming part of the global maritime distress and safety system (GMDSS) mentioned in the International Convention for Safety of Life at Sea (SOLAS) as amended, and by the Torremolinos International Convention for the Safety of Fishing Vessels as amended and to other shipborne radio equipment, where appropriate; b) shipborne navigational equipment mentioned in the International Convention for Safety of Life at Sea (SOLAS) as amended, and by the Torremolinos International Convention for the Safety of Fishing Vessels as amended, c) other shipborne navigational aids, and Aids to Navigation (AtoN), where appropriate. The document is organised as a series of Modules dealing with different aspects. The document considers both normal operation of equipment and the maintenance of equipment. For each Module a statement is provided indicating whether the Module applies during normal operation or in maintenance mode. Communication initiated from navigation or radiocommunication equipment outside of items a), b) and c) above, for example ship side to other ship or shore side, are outside of the scope of this standard. This standard does not address cyber-hygiene checks, e.g. anti-malware scanning, etc., performed outside of the cases defined in this standard.

Keel: en
Alusdokumendid: IEC 63154:202X; prEN IEC 63154:2020

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 9094

Small craft - Fire protection (ISO/DIS 9094:2020)

This International Standard defines a practical degree of fire prevention and protection intended to provide enough time for occupants to escape a fire on board small craft. It applies to all small craft of up to 24 m length of hull (LH) except for personal watercraft. This International Standard excludes: — the design and installation of those permanently installed galley stoves and heating appliances (including components used to distribute the heat) using fuels that are liquid at atmospheric pressure on small craft, which are covered by ISO 14895:2016; — carbon monoxide detecting systems, which are covered by ISO 12133[2].

Keel: en
Alusdokumendid: ISO/DIS 9094; prEN ISO 9094
Asendab dokumenti: EVS-EN ISO 9094:2017

Arvamusküsitluse lõppkuupäev: 29.08.2020

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 3375-001

Aerospace series - Cable, electrical, for digital data transmission - Part 001: Technical specification

This document specifies the required characteristics, test methods, qualification and acceptance conditions of signal data transmission electrical cables.

Keel: en
Alusdokumendid: prEN 3375-001
Asendab dokumenti: EVS-EN 3375-001:2018

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 3375-011

Aerospace series - Cable, electrical for digital data transmission - Part 011: Single braid - Star Quad 100 ohms - Light weight - Type KL - Product standard

This document specifies the dimensions, tolerances, required characteristics and the mass of an AWG 24 shielded quad cable, type KL, intended for high speed (100 Mbit/s) full duplex Ethernet networks. Linked to this particular application, the operating temperatures of the cable are between -65 °C and 125 °C. This cable is laser markable, this marking satisfies the requirements of EN 3838. The characteristics impedance are 100 Ω ± 15 Ω.

Keel: en
Alusdokumendid: prEN 3375-011
Asendab dokumenti: EVS-EN 3375-011:2017

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 3660-003

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 003: Grommet nut, style A - Product standard

This document defines a range of grommet nuts, style A, for use under the following conditions: Associated electrical connector(s): EN 3660-002 Temperature range, Class N: -65 °C to 200 °C Class W: -65 °C to 175 °C Class K: -65 °C to 260 °C Class A: -65 °C to 200 °C Class T: -65 °C to 175 °C Class Z: -65 °C to 175 °C

Keel: en
Alusdokumendid: prEN 3660-003
Asendab dokumenti: EVS-EN 3660-003:2018

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 3660-004

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 004: Cable outlet, style A, straight, unsealed with clamp strain relief - Product standard

This document defines a range of cable outlets, style A, straight, unsealed with clamp strain relief for use under the following conditions: Associated electrical connector(s): EN 3660-002 Temperature range, Class N: -65 °C to 200 °C Class W: -65 °C to 175 °C Class K: -65 °C to 260 °C Class A: -65 °C to 200 °C Class T: -65 °C to 175 °C (nickel PTFE plating) Class Z: -65 °C to 175 °C (black zinc nickel plating)

Keel: en
Alusdokumendid: prEN 3660-004
Asendab dokumenti: EVS-EN 3660-004:2018

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 3660-005

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 005: Cable outlet, style A, 90°, unsealed with clamp strain relief - Product standard

This document defines a range of cable outlets, style A, 90°, unsealed with clamp strain relief for use under the following conditions: Associated electrical connector(s): EN 3660-002 Temperature range, Class N: -65 °C to 200 °C Class W: -65 °C to 175 °C Class K: -65 °C to 260 °C Class A: -65 °C to 260 °C Class T: -65 °C to 175 °C (nickel PTFE plating) Class Z: -65 °C to 175 °C (black zinc nickel plating)

Keel: en
Alusdokumendid: prEN 3660-005
Asendab dokumenti: EN 3660-005:2018+AC:2019 - arhiiv
Asendab dokumenti: EVS-EN 3660-005:2018

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 4496

Aerospace series - Screw, 100° countersunk normal head, offset cruciform recess, close tolerance normal shank, short thread, in titanium alloy, anodized, with aluminium pigmented coating - Classification: 1 100 MPa (at ambient temperature)/315 °C

This standard specifies the characteristics of screws, 100° countersunk normal head, offset cruciform recess, close tolerance normal shank, short thread, in titanium alloy, anodized, with aluminium pigmented coating, for aerospace applications. Classification: 1 100 MPa /315 °C .

Keel: en
Alusdokumendid: prEN 4496
Asendab dokumenti: EVS-EN 4496:2006
Asendab dokumenti: EVS-EN 4496:2006/AC:2006

Arvamusküsitluse lõppkuupäev: 29.08.2020

53 TÕSTE- JA TEISALDUS-SEADMED

prEN 13000

Cranes - Mobile cranes

This document applies to mobile cranes as defined in 3.16, with following characteristics: - mobile cranes can operate on tyres, crawlers or with other mobile arrangements. In fixed positions, they can be supported by outriggers or other accessories increasing their stability; - the superstructure of mobile cranes can be of the type of full circle slewing, of limited slewing or non-slewing. It is normally equipped with one or more hoists and/or hydraulic cylinders for lifting and lowering the boom and the load; - mobile cranes can be equipped either with telescopic booms, with articulated booms, with lattice booms - or a combination of these - of such a design that they can readily be lowered; - loads can be handled by hook block assemblies or other load-lifting attachments for special services. This document is applicable to the design, build, installation of safety devices, information for use, maintenance and testing of mobile cranes. This document is not applicable for the additional hazards related to the mounting a mobile crane on other chassis (e.g. railcars, portals, pontoons). Examples of mobile crane types and their major components are given in Annex A, B.1 and B.2. This document is not applicable to: - loader cranes (see EN 12999); - off-shore cranes (see EN 13852-1); - floating cranes (see EN 13852-2); - slewing jib crane (see EN 14985); - variable reach truck (see EN 1459); NOTE 1 Variable Reach Trucks are commonly known as telehandlers. - to cranes, installed on an agricultural tractor, intended to tow a trailer which has capability to carry goods; - mobile self-erecting tower cranes (see EN 14439); - earth-moving machinery used

for object handling (see EN 474-series). This document does not cover hazards related to the lifting of persons. NOTE 2 The use of mobile cranes for the lifting of persons is subject to specific national regulations. This document does not cover hazards related to the combination of a mobile crane with other machinery. This document does not cover hazards related to the use of the mobile crane in potential explosive atmosphere. For duty cycle work such as grab, magnet, piling or similar work, additional provisions are required which are outside the scope of this document. The hazards covered by this document are identified by Annex C. This document is not applicable to mobile cranes which are manufactured before the date of publication of this document by CEN.

Keel: en
Alusdokumendid: prEN 13000
Asendab dokumenti: EVS-EN 13000:2010+A1:2014

Arvamusküsitluse lõppkuupäev: 29.08.2020

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN 17534
Textiles - Physiological effects - Measurement of liquid sweat transport and buffering

This test method is intended for measuring liquid sweat management properties of knitted, woven and nonwoven textile fabrics, namely buffering index, sweat transport and sweat uptake.

Keel: en
Alusdokumendid: prEN 17534

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 1140
Fibre ropes - Polyamide - 3-, 4-, 8- and 12-strand ropes (ISO/DIS 1140:2020)

This International Standard specifies requirements for 3-strand hawser-laid and 4-strand shroud-laid ropes, 8-strand braided ropes and 12-strand braided ropes for general service made of polyamide, and gives rules for their designation. This International Standard does not cover all variations in strength or product performance. The rope manufacturer should be consulted to ensure the intended design meets the requirements of the application.

Keel: en
Alusdokumendid: ISO/DIS 1140; prEN ISO 1140
Asendab dokumenti: EVS-EN ISO 1140:2012

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 1141
Fibre ropes - Polyester - 3-, 4-, 8- and 12-strand ropes (ISO/DIS 1141:2020)

This International Standard specifies requirements for 3-strand hawser-laid and 4-strand shroud-laid ropes, 8-strand braided ropes and 12-strand braided ropes for general service made of polyester, and gives rules for their designation. This International Standard does not cover all variations in strength or product performance. The rope manufacturer should be consulted to ensure the intended design meets the requirements of the application.

Keel: en
Alusdokumendid: ISO/DIS 1141; prEN ISO 1141
Asendab dokumenti: EVS-EN ISO 1141:2012

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 1346
Fibre ropes - Polypropylene split film, monofilament and multifilament (PP2) and polypropylene high-tenacity multifilament (PP3) - 3-, 4-, 8- and 12-strand ropes (ISO/DIS 1346:2020)

This International Standard specifies requirements for 3-strand hawser-laid and 4-strand shroud-laid ropes, 8-strand braided ropes and 12-strand braided ropes for general service made of polypropylene, and gives rules for their designation. This International Standard does not cover all variations in strength or product performance. The rope manufacturer should be consulted to ensure the intended design meets the requirements of the application.

Keel: en
Alusdokumendid: ISO/DIS 1346; prEN ISO 1346
Asendab dokumenti: EVS-EN ISO 1346:2012

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 1833-22
Textiles - Quantitative chemical analysis - Part 22: Mixtures of viscose or certain types of cupro or modal or lyocell with flax fibres (method using formic acid and zinc chloride) (ISO/DIS 1833 22:2020)

This document specifies a method, using formic acid and zinc chloride, to determine the mass percentage of viscose or certain types of cupro or modal or lyocell, after removal of non-fibrous matter, in textiles made of mixtures of — viscose or certain types of the cupro or modal or lyocell fibres with — flax fibres. If a cupro or modal fibre is found to be present, a preliminary test should be carried out to see whether it is soluble in the reagent. This document is not applicable to mixtures in which the flax fibre has

suffered extensive chemical degradation, nor when the viscose, cupro, modal or lyocell fibre is rendered incompletely soluble by the presence of certain permanent finishes or reactive dyes that cannot be removed completely.

Keel: en
Alusdokumendid: ISO/DIS 1833-22; prEN ISO 1833-22
Asendab dokumenti: EVS-EN ISO 1833-22:2013

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 2313-1

Textiles - Determination of the recovery from creasing of a folded specimen of fabric by measuring the angle of recovery - Part 1: Method of the horizontally folded specimen (ISO/DIS 2313-1:2020)

N/A

Keel: en
Alusdokumendid: ISO/DIS 2313-1; prEN ISO 2313-1

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 2313-2

Textiles - Determination of the recovery from creasing of a folded specimen of fabric by measuring the angle of recovery - Part 2: Method of the vertically folded specimen (ISO/DIS 2313-2:2020)

N/A

Keel: en
Alusdokumendid: ISO/DIS 2313-2; prEN ISO 2313-2

Arvamusküsitluse lõppkuupäev: 29.08.2020

61 RÕIVATÖÖSTUS

prEN 17528

Clothing - physiological effects - Measurement of water vapour resistance by means of a sweating manikin

This document describes the requirements of the sweating manikin and the test procedure used to measure the water vapour resistance of a clothing ensemble, as it becomes effective for the wearer in practical use in a defined environment, with the wearer either standing or moving. This water vapour resistance, among other parameters, can be used to determine the effect of clothing on the physiology of the wearer in specific climate/activity scenarios.

Keel: en
Alusdokumendid: prEN 17528

Arvamusküsitluse lõppkuupäev: 29.08.2020

65 PÕLLUMAJANDUS

prEN ISO 11806-1

Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 1: Machines fitted with an integral combustion engine (ISO/DIS 11806-1:2020)

This part of ISO 11806 gives safety requirements and measures for their verification for the design and construction of portable hand-held, powered brush-cutters and grass-trimmers (hereafter called machines) having an integral combustion engine as their power unit and mechanical power transmission between the power source and the cutting attachment. Methods for the elimination or reduction of hazards arising from the use of these machines and the type of information on safe working practices to be provided by the manufacturer are specified. This part of ISO 11806 deals with all significant hazards, hazardous situations and hazardous events relevant to these machines, as well as when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer. This part of ISO 11806 is not applicable to machines equipped with metallic cutting attachments consisting of more than one piece, e.g. pivoting chains or flail blades. NOTE See Annex C for a list of significant hazards. This part of ISO 11806 is applicable to portable, hand-held, powered brush-cutters and grass-trimmers manufactured after its date of publication.

Keel: en
Alusdokumendid: ISO/DIS 11806-1; prEN ISO 11806-1
Asendab dokumenti: EVS-EN ISO 11806-1:2011

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 11806-2

Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 2: Machines for use with back-pack power unit (ISO/DIS 11806-2:2020)

This part of ISO 11806 gives safety requirements and measures for their verification for the design and construction of portable, hand-held, powered brush-cutters and grass-trimmers with a back-pack-mounted combustion engine power source and mechanical power transmission between the power source and the cutting attachment. Methods for the elimination or reduction of hazards arising from the use of these machines and the type of information on safe working practices to be provided by the manufacturer are specified. This part of ISO 11806, taken together with the relevant clauses of ISO 11806-1 (see 4.1), deals with all significant hazards, hazardous situations and hazardous events, with the exception of whole-body vibration from the back-pack power unit, relevant to these machines when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer. NOTE 1 A standardized test procedure for measuring whole-body vibration from the back-pack power unit is presently not available. NOTE 2 See Annex A, together with Annex A in ISO 11806-1:2020, for a list of significant hazards. This part of ISO 11806 is applicable to portable, hand-held, powered brush-cutters and grass-trimmers manufactured after its date of publication. This part of ISO 11806 is not applicable to machines equipped with metallic cutting attachments consisting of more than one piece, e.g. pivoting chains or flail blades.

Keel: en
Alusdokumendid: ISO/DIS 11806-2; prEN ISO 11806-2
Asendab dokumenti: EVS-EN ISO 11806-2:2011

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEVS 939-2

Puittaimed haljastuses. Osa 2: Ilupuude ja -põõsaste istikute kvaliteedinõuded
Woody plants in greenery. Part 2: Quality requirements for the nursery plants of ornamental trees and shrubs

See standard kehtestab ilupuude ja -põõsaste ning liaanide (ronitaimede) istikute kvaliteedinõuded. Standard on mõeldud maastikuarhitektidele, haljastusfirmade töötajatele, omavalitsuste spetsialistidele ning istutusmaterjali tootvatele ettevõtetele ja eraisikutele.

Keel: et

Arvamusküsitluse lõppkuupäev: 30.07.2020

prEVS 939-4

Puittaimed haljastuses. Osa 4: Puuhooldustööd
Woody plants in greenery. Part 4: Arboricultural works

See Eesti standard sisaldab soovitusi ja juhiseid, mille eesmärk on tagada puittaimede ja nende koosluste säilimine oma kasvukohal. Standard annab soovitusi uute istutuste rajamiseks ja puudele hea kasvukeskkonna loomiseks. Standardis antakse puude hoolduseks kogu elukaare jooksul oluliste meetmete kavandamise ja rakendamise juhised.

Keel: et

Arvamusküsitluse lõppkuupäev: 30.07.2020

67 TOIDUAINETE TEHNOLOOGIA

prEN 12873-2

Influence of materials on water intended for human consumption - Influence due to migration - Part 2: Test method for non-metallic and noncementitious site-applied materials

This document specifies a procedure to determine the migration of substances from non-metallic and non-cementitious site-applied materials for use in contact with water intended for human consumption. It is applicable to site-applied materials intended to be used under various conditions for the transport and storage of water intended for human consumption, including raw water used for the production of water intended for human consumption. It covers the extraction by water of substances from these materials after their application on site. The document is applicable to materials whose physical or chemical properties alter during or after on-site application, such as coatings, paints, and adhesives. In addition, some site-applied materials that do not change in such a manner, e.g. greases or lubricants, are also included.

Keel: en
Alusdokumendid: prEN 12873-2
Asendab dokumenti: EVS-EN 12873-2:2005

Arvamusküsitluse lõppkuupäev: 29.08.2020

71 KEEMILINE TEHNOLOOGIA

prEN 12175
Chemicals used for treatment of water intended for human consumption - Hexafluorosilicic acid

This document is applicable to hexafluorosilicic acid used for treatment of water intended for human consumption. It describes the characteristics of hexafluorosilicic acid and specifies the requirements and the corresponding test methods for hexafluorosilicic acid. It gives information on its use in water treatment. It also determines the rules relating to safe handling and use of hexafluorosilicic acid (see Annex B).

Keel: en
Alusdokumendid: prEN 12175
Asendab dokumenti: EVS-EN 12175:2013

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 15072
Chemicals used for treatment of swimming pool water - Sodium dichloroisocyanurate, anhydrous

This document is applicable to sodium dichloroisocyanurate, anhydrous used directly or used to prepare commercial formulations for disinfecting swimming pool water. It describes the characteristics of sodium dichloroisocyanurate, anhydrous and specifies the requirements and the corresponding test methods for sodium dichloroisocyanurate, anhydrous. It gives information on its use for treating swimming pool water and determines the rules relating to safe handling and use (see Annex B).

Keel: en
Alusdokumendid: prEN 15072
Asendab dokumenti: EVS-EN 15072:2013

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 15073
Chemicals used for treatment of swimming pool water - Sodium dichloroisocyanurate, dihydrate

This document is applicable to sodium dichloroisocyanurate, dihydrate used directly or used to prepare commercial formulations for disinfecting swimming pool water. It describes the characteristics of sodium dichloroisocyanurate, dehydrate and specifies the requirements and the corresponding test methods for sodium dichloroisocyanurate, dihydrate. It gives information on its use for treating swimming pool water.

Keel: en
Alusdokumendid: prEN 15073
Asendab dokumenti: EVS-EN 15073:2013

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 15075
Chemicals used for treatment of swimming pool water - Sodium hydrogen carbonate

This document is applicable to sodium hydrogen carbonate used directly or used to prepare commercial formulations for treating swimming pool water. It describes the characteristics of sodium hydrogen carbonate and specifies the requirements and the corresponding test methods for sodium hydrogen carbonate. It gives information on its use in treating swimming pool water.

Keel: en
Alusdokumendid: prEN 15075
Asendab dokumenti: EVS-EN 15075:2013

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 15076
Chemicals used for treatment of swimming pool water - Sodium hydroxide

This document is applicable to sodium hydroxide solution used directly or for the production of formulations for treating swimming pool water. It describes the characteristics and specifies the requirements and the corresponding test methods for sodium hydroxide. It gives information on its use for treating swimming pool water.

Keel: en
Alusdokumendid: prEN 15076
Asendab dokumenti: EVS-EN 15076:2013

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 15077
Chemicals used for treatment of swimming pool water - Sodium hypochlorite

This document is applicable to sodium hypochlorite used directly or for the production of formulations for treating swimming pool water. It describes the characteristics of sodium hypochlorite and specifies the requirements and the corresponding test methods for sodium hypochlorite. It gives information on its use for treating swimming pool water.

Keel: en
Alusdokumendid: prEN 15077
Asendab dokumenti: EVS-EN 15077:2013

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 15078
Chemicals used for treatment of swimming pool water - Sulfuric acid

This document is applicable to sulfuric acid used directly or for the production of formulations for the treatment of water for swimming pools. It describes the characteristics and specifies the requirements and the corresponding test methods for sulfuric acid. It gives information on its use for treatment of water for swimming pools.

Keel: en
Alusdokumendid: prEN 15078
Asendab dokumenti: EVS-EN 15078:2013

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 15947-2
Pyrotechnic articles - Fireworks, Categories F1, F2 and F3 - Part 2: Categories and types of firework

This European Standard establishes a system for dividing fireworks into categories and types. It is applicable to fireworks in categories F1, F2 and F3.

Keel: en
Alusdokumendid: prEN 15947-2
Asendab dokumenti: EVS-EN 15947-2:2015

Arvamusküsitluse lõppkuupäev: 30.07.2020

73 MÄENDUS JA MAAVARAD

prEN 15163-1
Machines and installations for the exploitation and processing of natural stone - Safety - Part 1: Requirements for stationary diamond wire saws

This document deals with all significant hazards, hazardous situations and events, as listed in Annex A, which are relevant to stationary diamond wire saws (stationary diamond mono-wire saws and stationary diamond multi-wire saws), as defined in Clause 3. Stationary diamond wire saws may be used in quarries or in sawmill for cutting natural stones (e.g. marble, granite), when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex A). This document deals only with stationary diamond wire saws using coated diamond wire as tool. This document specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards. This document deals all significant hazards that may occur within the expected lifetime of the machinery including the phases of transport, assembly, dismantling, disabling and scrapping. This document does not deal with the significant hazards arising by the use of other facilities/devices not described in this document, that may be fitted on the machines or that may be used during the work cycle. This document does not deal with: a) operation under extreme ambient conditions (outside the limits defined in EN 60204-1:2018); b) upstream and downstream conveying elements, not integrated with stationary diamond wire saws, for transporting of the work-pieces. This document is not applicable to machines which are manufactured before the date of publication of this document by CEN.

Keel: en
Alusdokumendid: prEN 15163-1
Asendab dokumenti: EVS-EN 15163:2017

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 15163-2
Machines and installations for the exploitation and processing of natural stone - Safety - Part 2: Requirements for transportable diamond wire saws

This document deals with all significant hazards, hazardous situations and events, as listed in Annex A, which are relevant to transportable diamond wire saws and cutting operations as defined in Clause 3. This document deals only with transportable diamond wire saws used in quarries for cutting natural stones (e.g. marble, granite), when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex A). This document deals only with transportable diamond wire saws using coated diamond wire as tool. This document specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards. This document deals all significant hazards that may occur within the expected lifetime of the machinery including the phases of transport, assembly, dismantling, disabling and scrapping. This document does not deal with the significant hazards arising by the use of other facilities/devices not described in this document, that may be fitted on the machines or that may be used during the work cycle. This document does not deal with: a) operation under extreme ambient conditions (outside the limits defined in EN 60204-1:2018); b) upstream and downstream conveying elements, not integrated with transportable diamond wire saws, for transporting of the work-pieces. This document is not applicable to machines which are manufactured before the date of publication of this document by CEN.

Keel: en
Alusdokumendid: prEN 15163-2
Asendab dokumenti: EVS-EN 15163:2017

Arvamusküsitluse lõppkuupäev: 29.08.2020

75 NAFTA JA NAFTATEHNOLOOGIA

EN ISO 4259-1:2017/prA2

Naftasaadused ja samaväärsed tooted. Mõõtemeetodite ja tulemuste täpsus. Osa 1: Katsemeetoditega seoses olevate täpsusandmete piiritlemine
Petroleum and related products - Precision of measurement methods and results - Part 1:Determination of precision data in relation to methods of test - AMENDMENT 2 (ISO 4259-1:2017/DAM 2:2020)

Standardi EN ISO 4259-1:2017 muudatus

Keel: en
Alusdokumendid: ISO 4259-1:2017/DAmd 2; EN ISO 4259-1:2017/prA2
Muudab dokumenti: EVS-EN ISO 4259-1:2017
Muudab dokumenti: EVS-EN ISO 4259-1:2017+A1:2020

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 15156-1

Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas production - Part 1: General principles for selection of cracking-resistant materials (ISO/FDIS 15156-1:2020)

This document describes general principles and gives requirements and recommendations for the selection and qualification of metallic materials for service in equipment used in oil and gas production and in natural-gas sweetening plants in H2S-containing environments, where the failure of such equipment can pose a risk to the health and safety of the public and personnel or to the environment. It can be applied to help to avoid costly corrosion damage to the equipment itself. It supplements, but does not replace, the materials requirements given in the appropriate design codes, standards, or regulations. This document addresses all mechanisms of cracking that can be caused by H2S, including sulfide stress cracking, stress corrosion cracking, hydrogen-induced cracking and stepwise cracking, stress-oriented hydrogen-induced cracking, soft zone cracking, and galvanically induced hydrogen stress cracking. Table 1 provides a non-exhaustive list of equipment to which this document is applicable, including exclusions. This document applies to the qualification and selection of materials for equipment designed and constructed using load controlled design methods. For design utilizing strain-based design methods, see Clause 5. This document is not necessarily applicable to equipment used in refining or downstream processes and equipment.

Keel: en
Alusdokumendid: ISO/FDIS 15156-1; prEN ISO 15156-1
Asendab dokumenti: EVS-EN ISO 15156-1:2015

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 15156-2

Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas production - Part 2: Cracking-resistant carbon and low-alloy steels, and the use of cast irons (ISO/FDIS 15156-2:2020)

This document gives requirements and recommendations for the selection and qualification of carbon and low-alloy steels for service in equipment used in oil and natural gas production and natural gas treatment plants in H2S-containing environments, whose failure can pose a risk to the health and safety of the public and personnel or to the environment. It can be applied to help to avoid costly corrosion damage to the equipment itself. It supplements, but does not replace, the materials requirements of the appropriate design codes, standards or regulations. This document addresses the resistance of these steels to damage that can be caused by sulfide stresscracking (SSC) and the related phenomena of stress-oriented hydrogen-induced cracking (SOHIC) and soft-zone cracking (SZC). This document also addresses the resistance of these steels to hydrogen-induced cracking (HIC) and its possible development into stepwise cracking (SWC). This document is concerned only with cracking. Loss of material by general (mass loss) or localized corrosion is not addressed. Table 1 provides a non-exhaustive list of equipment to which this document is applicable, including exclusions. This document applies to the qualification and selection of materials for equipment designed and constructed using load controlled design methods. For design utilizing strain-based design methods, see ISO 15156-1:2020, Clause 5. Annex A lists SSC-resistant carbon and low alloy steels, and A.2.4 includes requirements for the use of cast irons. This document is not necessarily suitable for application to equipment used in refining or downstream processes and equipment.

Keel: en
Alusdokumendid: ISO/FDIS 15156-2; prEN ISO 15156-2
Asendab dokumenti: EVS-EN ISO 15156-2:2015

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 15156-3

Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas production - Part 3: Cracking-resistant CRAs (corrosion-resistant alloys) and other alloys (ISO/FDIS 15156-3:2020)

This document gives requirements and recommendations for the selection and qualification of CRAs (corrosion-resistant alloys) and other alloys for service in equipment used in oil and natural gas production and natural gas treatment plants in H2S-containing environments whose failure can pose a risk to the health and safety of the public and personnel or to the environment. It can be applied to help avoid costly corrosion damage to the equipment itself. It supplements, but does not replace, the materials requirements of the appropriate design codes, standards, or regulations. This document addresses the resistance of these materials to damage that can be caused by sulfide stress-cracking (SSC), stress-corrosion cracking (SCC), and galvanically induced hydrogen stress cracking (GHSC). This document is concerned only with cracking. Loss of material by general (mass loss) or localized corrosion is not addressed. Table 1 provides a non-exhaustive list of equipment to which this document is applicable, including exclusions. This document applies to the qualification and selection of materials for equipment designed and constructed using load controlled design methods. For design utilizing strain-based design methods, see ISO 15156-1:2020, Clause 5. This document is not necessarily suitable for application to equipment used in refining or downstream processes and equipment.

Keel: en
Alusdokumendid: ISO/FDIS 15156-3; prEN ISO 15156-3
Asendab dokumenti: EVS-EN ISO 15156-3:2015

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 16486-5

Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 5: Fitness for purpose of the system (ISO/DIS 16486-5:2020)

This part of ISO 16486 specifies the requirements of fitness for purpose of the unplasticized polyamide (PA-U) piping system, intended to be buried and used for the supply of gaseous fuels. It also specifies the definitions of electrofusion and butt fusion joints. This part of ISO 16486 specifies the method of preparation of test piece joints and the tests to be carried out on these joints for assessing the fitness for purpose of the system under normal and extreme conditions. It also specifies the test parameters for the test methods to which it refers. ISO 16486 is applicable to PA-U piping systems the components of which are connected by fusion jointing and/or mechanical jointing. In conjunction with the other parts of ISO 16486, it is applicable to PA-U fittings, their joints and to joints with components of PA-U.

Keel: en
Alusdokumendid: ISO/DIS 21716-3; prEN ISO 16486-5

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 18796-1

Petroleum, petrochemicals and natural gas industries - Internal coating and lining of carbon steel process vessels - Part 1: Technical requirements (ISO 18796-1:2018)

This document specifies the minimum technical requirements for surface preparation, materials, application, inspection and testing of internal coating and lining systems that are intended to be applied on internal surfaces of process vessels that are subject to marked pressure/temperature changes and/or potentially corrosive conditions or processes and aggressive chemicals, used in the oil and gas industry. This document covers both new construction and maintenance works of process vessels as well as the repair of defective and deteriorated coating and lining systems. This document also provides the minimum requirements for the coated and lined samples and the criteria for their approval.

Keel: en
Alusdokumendid: ISO 18796-1:2018; prEN ISO 18796-1

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 20257-2

Installation and equipment for liquefied natural gas - Design of floating LNG installations - Part 2: Specific FSRU issues (ISO/DIS 20257-2:2020)

The objective of ISO 20257 is to provide functional guidelines and recommend practices for the design of floating liquefied natural gas (LNG) installations in order to have a safe and environmentally acceptable design and operation of floating LNG installations. ISO 20257 gives functional guidelines for the design and operation of all floating LNG installations including those for the liquefaction, storage, vaporisation, transfer and handling of LNG.

Keel: en
Alusdokumendid: ISO/DIS 20257-2; prEN ISO 20257-2

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 35104

Petroleum and natural gas industries - Arctic operations - Ice management (ISO 35104:2018)

This document establishes the principles, specifies the requirements and provides guidance for ice management (IM) in arctic and cold regions, from the point of view of planning, engineering, implementation and documentation. Reference to arctic and cold regions in this document is deemed to include both the Arctic and other regions characterized by low ambient temperatures, sea ice, icebergs and icing conditions. These regions are often remote and lacking in marine and communications infrastructure. Ice management to support the following in-ice activities and infrastructures are covered by this document: — floating moored and/or dynamically positioned drilling vessels, coring vessels, production facilities and work-over vessels; — construction and installation (includes trenching, dredging, pipe laying); — tanker loading and other offloading operations; — protecting subsea structures and equipment; — seismic operations; — oil spill response; — bottom founded structures (fixed platforms and movable

structures, including jack-ups). This document also applies to mobilization, demobilization and construction support services, because these can be affected by ice conditions. In view of the wide range of possible offshore operations in arctic and cold regions, this document provides guidelines, but does not present typical ice management plans for field operations. This document does not provide requirements, recommendations or guidance pertaining to the design of structures, systems and components used in ice management, beyond the principles given. This document does not provide specific formulations for ice loads, which are covered by ISO 19906. This document is not applicable to coastal port operations and to commercial trading vessels conducting transit or convoy operations.

Keel: en
Alusdokumendid: ISO 35104:2018; prEN ISO 35104

Arvamusküsitluse lõppkuupäev: 29.08.2020

83 KUMMI- JA PLASTITÖÖSTUS

prEN ISO 14632

Extruded sheets of polyethylene (PE-HD) - Requirements and test methods (ISO/DIS 14632:2020)

This standard specifies the requirements and test methods for solid flat extruded sheets of polyethylene homopolymers (PE - HD) without fillers or reinforcing materials. This standard applies only to thicknesses of 0,5 mm to 40 mm. This standard also applies to PE - HD sheet in rolled form.

Keel: en
Alusdokumendid: ISO/DIS 14632; prEN ISO 14632
Asendab dokumenti: EVS-EN ISO 14632:2001

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 16486-5

Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 5: Fitness for purpose of the system (ISO/DIS 16486-5:2020)

This part of ISO 16486 specifies the requirements of fitness for purpose of the unplasticized polyamide (PA-U) piping system, intended to be buried and used for the supply of gaseous fuels. It also specifies the definitions of electrofusion and butt fusion joints. This part of ISO 16486 specifies the method of preparation of test piece joints and the tests to be carried out on these joints for assessing the fitness for purpose of the system under normal and extreme conditions. It also specifies the test parameters for the test methods to which it refers. ISO 16486 is applicable to PA-U piping systems the components of which are connected by fusion jointing and/or mechanical jointing. In conjunction with the other parts of ISO 16486, it is applicable to PA-U fittings, their joints and to joints with components of PA-U.

Keel: en
Alusdokumendid: ISO/DIS 21716-3; prEN ISO 16486-5

Arvamusküsitluse lõppkuupäev: 29.08.2020

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN 12621

Machinery for supply and circulation of liquid coating materials - Safety requirements

This document deals with all significant hazards, hazardous situations and events which are relevant to machinery for supply and circulation of liquid coating material, when used as intended and under the conditions foreseen by the manufacturer, including reasonably foreseeable misuse. Together with this document, EN 50050-1, EN 50059, EN 50176 or EN 50348 give requirements for electrostatic machinery for supply and circulation of liquid coating material. The specific significant risks related to the use of machinery for supply and circulation of liquid coating material with foodstuffs and pharmaceutical products are not dealt with in this document. The machinery may be stationary or mobile. Interfaces between machinery for supply and circulation of liquid coating material and other machinery used in coating application are given in Figure 1. This document does not apply to: - pressure related hazards of equipment classified as higher than category 1 of 2014/68/EU article 13; NOTE 1 For equipment of higher category than category 1 of 2014/68/EU, see EN 13445 (all parts) and EN 13480 (all parts). NOTE 2 See Annex B for guidance on the application of 2014/68/EU. - application equipment as dealt with in EN 1953 (including the gravity feed cup); - machinery for the supply of powder coating material; - machinery for coating material recycling; - handheld stirrers; - stirred containers of more than 1 500 l; - agitators of more than 3 kW electrical power supply; - vessels without lid; - offline heating systems; - supply systems for CO2 shot-blasting machinery; - equipment used for manufacturing of coating material; - packaging units (drums, containers, etc.) delivered by the coating material supplier. This document is not applicable to machinery for supply and circulation of liquid coating material manufactured before the date of its publication.

Keel: en
Alusdokumendid: prEN 12621
Asendab dokumenti: EVS-EN 12621:2006+A1:2010

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 1953

Application equipment for coating materials - Safety requirements

This document deals with all significant hazards, hazardous situations and events which are relevant to hand-held and automatic application equipment for organic liquid, powder or flock coating material, when used as intended and under the conditions foreseen by the manufacturer, including reasonably foreseeable misuse. Together with this standard, EN 50050-1, EN 50050-2, EN 50050-3, EN 50059, EN 50176, EN 50177, EN 50223 or EN 50348 give requirements for electrostatic application equipment. The specific significant risks related to the use of application equipment with foodstuffs and pharmaceutical products are not dealt with in this document. This document is not applicable to: - application equipment designed for operating pneumatic pressure above 15 bar; - application equipment with rotating parts designed for operating pressures above 25 bar; - non-atomising equipment (e.g. extruding equipment, dispenser); - fluidised bed powder coating machinery; - spray guns covered by EN 50580:2012+A1:2013; - supply hoses and ducts; - high-pressure cleaner equipped with high pressure water jet machines according to EN 1829-1:2010; - airbrushes for graphic and artistic works; - machinery for the supply and circulation of coating materials under pressure according to EN 12621; - water-jet cutters. This document is not applicable to application equipment manufactured before the date of its publication.

Keel: en
Alusdokumendid: prEN 1953
Asendab dokumenti: EVS-EN 1953:2013

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 28199-1

Paints and varnishes - Evaluation of properties of coating systems related to the application process - Part 1: Relevant vocabulary and preparation of test panels (ISO/DIS 28199-1:2020)

This document defines terms relating to the evaluation of coating materials in research, development and production with regard to their suitability and safety for industrial processes and error analysis. This document specifies methods for the preparation of test panels and the subsequent measurement of film thickness, colour, surface texture and other measurable surface properties.

Keel: en
Alusdokumendid: ISO/DIS 28199-1; prEN ISO 28199-1
Asendab dokumenti: EVS-EN ISO 28199-1:2010
Asendab dokumenti: EVS-EN ISO 28199-1:2010/AC:2009

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 28199-2

Paints and varnishes - Evaluation of properties of coating systems related to the application process - Part 2: Colour stability, process hiding power, re-dissolving, overspray absorption, wetting, surface texture and mottling (ISO/DIS 28199-2:2020)

This document specifies methods for the determination of colour stability/colour evaluation, process hiding power, re-dissolving, overspray absorption, wetting, surface texture and mottling of coating materials applied to a test panel under defined conditions.

Keel: en
Alusdokumendid: ISO/DIS 28199-2; prEN ISO 28199-2
Asendab dokumenti: EVS-EN ISO 28199-2:2010

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 28199-3

Paints and varnishes - Evaluation of properties of coating systems related to the application process - Part 3: Assessment of sagging, formation of bubbles, pinholing and hiding power (ISO/DIS 28199-3:2020)

This document specifies visual methods for the assessment of tendency to sagging, formation of bubbles, pinholing and hiding power of coating materials applied to a test panel under defined conditions.

Keel: en
Alusdokumendid: ISO/DIS 28199-3; prEN ISO 28199-3
Asendab dokumenti: EVS-EN ISO 28199-3:2010

Arvamusküsitluse lõppkuupäev: 29.08.2020

91 EHITUSMATERJALID JA EHITUS

EN 1993-1-4:2006/prA2

Eurocode 3 - Design of steel structures - Part 1-4: General rules - Supplementary rules for stainless steels

Amendment for EN 1993-1-4:2006

Keel: en
Alusdokumendid: EN 1993-1-4:2006/prA2
Muudab dokumenti: EVS-EN 1993-1-4:2006

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 17516

Waste - Characterization of granular solids with potential for use as construction material - Compliance leaching test - Up-flow percolation test

This document specifies an up-flow percolation test (PT) which is applicable to determine the leaching behaviour of inorganic and non-volatile organic substances from granular solid waste materials with potential for beneficial use as construction products. The test is not suitable for substances that are volatile under ambient conditions. The granular solid waste is subjected to percolation with water as a function of liquid to solid ratio under specified percolation conditions. The method is a once-through column leaching test. NOTE 1 Volatile organic substances include the low molecular weight substances in mixtures such as mineral oil. NOTE 2 It is not always possible to adjust test conditions simultaneously for inorganic and organic substances and test conditions can also vary between different groups of organic substances. Test conditions for organic substances are generally more stringent than those for inorganic substances. The test conditions are described in a way that they fit for testing of organic substances and are also applicable to inorganic substances depending on the set-up. Granular solid waste without potential for beneficial use is excluded from the scope. NOTE 3 Granular solid waste materials without potential for beneficial use can be materials with gas generation or biodegradation during a potential reuse scenario. NOTE 4 This procedure is generally not applicable to solids that are easily biologically degradable and solids reacting with the leachant, leading to, for example, excessive gas emission or excessive heat release, impermeable hydraulically bound solids or solids that swell in contact with water. This test is applicable to types of granular solid waste of which the general long-term leaching behaviour is known based on previous investigations. This up-flow percolation test is performed under specified test conditions, which are equal to the test conditions given in CEN/TS 16637-3 (for granular construction products). It does not necessarily produce results that mimic specific intended use conditions. This test method produces eluates, which can subsequently be characterized by physical, chemical and ecotoxicological methods according to existing standard methods. The results of eluate analysis are presented as a function of the liquid/solid ratio. NOTE 5 For ecotoxicity testing, eluates representing the release of both inorganic and organic substances are needed. In this document, ecotoxicological testing is meant to include also genotoxicological testing. Identical test conditions as for CEN/TS 16637-3 are applied in this test in order to allow full comparability for verifying compliance to regulatory limit values of construction products and waste-derived construction products and to avoid double testing. Due to this prerequisite it is accepted that, once CEN/TS 16637-3 is carried out under the legislative context of testing construction products and the granular solid material is rejected as a construction product so that it remains waste, the test results are eligible in the context of testing waste materials as well and that prEN 17516 does not need to be carried out again. Granular solids that exhibit a saturated hydraulic conductivity of about 10−8 m/s or higher can usually be subjected to this test. This procedure is also applicable to granular solid waste showing solidification in the column, if the final hydraulic conductivity is within the specified range.

Keel: en
Alusdokumendid: prEN 17516

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 197-5

Cement - Part 5: Portland-composite cement CEM II/C-M and Composite cement CEM VI

This document deals with Portland-composite cement CEM II-C/M, not covered by EN 197-1, and a new type of Composite cement CEM VI, also not covered by EN 197-1, whose intended use is the preparation of concrete, mortar, grout etc. This document does not cover: - common cement covered by EN 197-1; - very low heat special cement covered by EN 14216; - supersulfated cement covered by EN 15743; - calcium aluminate cement covered by EN 14647; - masonry cement covered by EN 413-1.

Keel: en
Alusdokumendid: prEN 197-5

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 10140-1

Acoustics - Laboratory measurement of sound insulation of building elements - Part 1: Application rules for specific products (ISO/DIS 10140-1:2020)

This part of ISO 10140 specifies test requirements for building elements and products, including detailed requirements for preparation, mounting, operating and test conditions, as well as applicable quantities and additional test information for reporting. The general procedures for airborne and impact sound insulation measurements are given in ISO 10140-2 and ISO 10140-3, respectively.

Keel: en
Alusdokumendid: ISO/DIS 10140-1; prEN ISO 10140-1
Asendab dokumenti: EVS-EN ISO 10140-1:2016

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 10140-2

Acoustics - Laboratory measurement of sound insulation of building elements - Part 2: Measurement of airborne sound insulation (ISO/DIS 10140-2:2020)

This part of ISO 10140 specifies a laboratory method for measuring the airborne sound insulation of building products, such as walls, floors, doors, windows, shutters, façade elements, façades, glazing, small technical elements, for instance transfer air devices, airing panels (ventilation panels), outdoor air intakes, electrical raceways, transit sealing systems and combinations, for example walls or floors with linings, suspended ceilings or floating floors. The test results can be used to compare the sound insulation properties of building elements, classify elements according to their sound insulation capabilities, help design building products which require certain acoustic properties and estimate the in situ performance in complete buildings. The measurements are performed in laboratory test facilities in which sound transmission via flanking paths is suppressed. The results of measurements made in accordance with this part of ISO 10140 are not applicable directly to the field situation without accounting for other factors affecting sound insulation, such as flanking transmission, boundary conditions and total loss factor.

Keel: en
Alusdokumendid: ISO/DIS 10140-2; prEN ISO 10140-2
Asendab dokumenti: EVS-EN ISO 10140-2:2010

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 10140-3

Acoustics - Laboratory measurement of sound insulation of building elements - Part 3: Measurement of impact sound insulation (ISO/DIS 10140-3:2020)

This part of ISO 10140 specifies a laboratory method for measuring the airborne sound insulation of building products, such as walls, floors, doors, windows, shutters, façade elements, façades, glazing, small technical elements, for instance transfer air devices, airing panels (ventilation panels), outdoor air intakes, electrical raceways, transit sealing systems and combinations, for example walls or floors with linings, suspended ceilings or floating floors. The test results can be used to compare the sound insulation properties of building elements, classify elements according to their sound insulation capabilities, help design building products which require certain acoustic properties and estimate the in situ performance in complete buildings. The measurements are performed in laboratory test facilities in which sound transmission via flanking paths is suppressed. The results of measurements made in accordance with this part of ISO 10140 are not applicable directly to the field situation without accounting for other factors affecting sound insulation, such as flanking transmission, boundary conditions and total loss factor.

Keel: en
Alusdokumendid: ISO/DIS 10140-2; prEN ISO 10140-3
Asendab dokumenti: EVS-EN ISO 10140-3:2010
Asendab dokumenti: EVS-EN ISO 10140-3:2010/A1:2015

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 10140-4

Acoustics - Laboratory measurement of sound insulation of building elements - Part 4: Measurement procedures and requirements (ISO/DIS 10140-4:2020)

This part of ISO 10140 specifies the basic measurement procedures for airborne and impact sound insulation in laboratory test facilities.

Keel: en
Alusdokumendid: ISO/DIS 10140-4; prEN ISO 10140-4
Asendab dokumenti: EVS-EN ISO 10140-4:2010

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 10140-5

Acoustics - Laboratory measurement of sound insulation of building elements - Part 5: Requirements for test facilities and equipment (ISO/DIS 10140-5:2020)

This part of ISO 10140 specifies laboratory test facilities and equipment for sound insulation measurements of building elements, such as: — components and materials; — building elements; — technical elements (small building elements); — sound insulation improvement systems. It is applicable to laboratory test facilities with suppressed radiation from flanking elements and structural isolation between source and receiving rooms. This part of ISO 10140 specifies qualification procedures for use when commissioning a new test facility with equipment for sound insulation measurements. It is intended that these procedures be repeated periodically to ensure that there are no issues with the equipment and the test facility.

Keel: en
Alusdokumendid: ISO/DIS 10140-5; prEN ISO 10140-5
Asendab dokumenti: EVS-EN ISO 10140-5:2010
Asendab dokumenti: EVS-EN ISO 10140-5:2010/A1:2014

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 11855-5

Building environment design - Embedded radiant heating and cooling systems - Part 5: Installation (ISO/DIS 11855-5:2020)

This part of ISO 11855 establishes requirements for the installation of embedded radiant heating and cooling systems. It specifies general and uniform requirements for the design and construction of heating and cooling floors, ceiling and wall structures to ensure that the heating/cooling systems are suited to the particular application. The requirements specified by this part of ISO 11855 are applicable only to the components of the heating/cooling systems and the elements which are part of the heating/cooling surface and which are installed due to the heating/cooling systems. This part of ISO 11855 is applicable to water-based embedded surface heating and cooling systems in residential, commercial and industrial buildings. The methods apply to systems integrated into the wall, floor or ceiling construction without any open-air gaps, but are not applicable to panel systems with open-air gaps which are not integrated into the building structure.

Keel: en
Alusdokumendid: ISO/DIS 11855-5; prEN ISO 11855-5
Asendab dokumenti: EVS-EN ISO 11855-5:2015

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN ISO 16890-2

Air filters for general ventilation - Part 2: Measurement of fractional efficiency and air flow resistance (ISO/DIS 16890-2:2020)

This part of ISO 16890 specifies the aerosol production, the test equipment and the test methods used for measuring fractional efficiency and air flow resistance of air filters for general ventilation. It is intended for use in conjunction with ISO 16890-1, ISO 16890-3 and ISO 16890-4. The test method described in this part of ISO 16890 is applicable for air flow rates between 0,25 m3/s (900 m3/h, 530 ft3/min) and 1,5 m3/s (5 400 m3/h, 3 178 ft3/min), referring to a test rig with a nominal face area of 610 mm × 610 mm (24,0 inch × 24,0 inch). ISO 16890 (all parts) refers to particulate air filter elements for general ventilation having an ePM1 efficiency less than or equal to 99 % and an ePM10 efficiency greater than 20 % when tested as per the procedures defined within ISO 16890 (all parts). NOTE The lower limit for this test procedure is set at a minimum ePM10 efficiency of 20 % since it will be very difficult for a test filter element below this level to meet the statistical validity requirements of this procedure. Air filter elements outside of this aerosol fraction are evaluated by other applicable test methods, (see ISO 29463 (all parts)). Filter elements used in portable room-air cleaners are excluded from the scope. The performance results obtained in accordance with ISO 16890 (all parts) cannot by themselves be quantitatively applied to predict performance in service with regard to efficiency and lifetime.

Keel: en
Alusdokumendid: ISO/DIS 16890-2; prEN ISO 16890-2
Asendab dokumenti: EVS-EN ISO 16890-2:2016

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEVS 860

Tehniliste paigaldiste termiline isoleerimine. Torustikud, mahutid ja seadmed. Soojusisolatsiooni teostus
Thermal insulation of technical equipment - Insulation of pipes, vessels and equipment - Application of thermal insulation

See standard kirjeldab sellist torude, mahutite ja seadmete soojusisoleerimist, kus isolatsioonimaterjalina kasutatakse mineraalvilla ja kattematerjalina lehtmetalli. Sobivuse korral võib seda standardit kasutada ka muudel isolatsioonitöödel.

Keel: et
Asendab dokumenti: EVS 860:2015

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEVS 860-1

Tehniliste paigaldiste termiline isoleerimine. Osa 1: Torustikud, mahutid ja seadmed. Isolatsioonimaterjalid ja -elemendid
Thermal insulation of technical equipment - Part 1: Insulation of pipes, vessels and equipment. Insulationg materials and elements

Käesolev standard on osa "Tehniliste paigaldiste termilise isoleerimise" standardite sarjast, mis on koostatud projekteerijatele, töövõtjatele, kuid ka isolatsioonitööde tellijatele. Standard käsitleb vajalikku põhiinformatsiooni tehniliste paigaldiste termilise isoleerimise projekteerimiseks ja paigaldamiseks.

Keel: et
Asendab dokumenti: EVS 860-1:2010

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEVS 860-6

Tehniliste paigaldiste termiline isoleerimine. Osa 6: Torustikud, mahutid ja seadmed. Külmaisolatsioon
Thermal insulation of technical equipment - Part 6: Insulation of pipes, vessels and equipment - Cold insulation

See standard on osa „Tehniliste paigaldiste termilise isoleerimise“ standardisarjast, mis on koostatud projekteerijatele, töövõtjatele ning isolatsioonitööde tellijatele. See standard käsitleb olulisemaid faktoreid, mida tuleb järgida tehniliste paigaldiste külmaisolatsiooni projekteerimisel, teostamisel ja materjalide valikul.

Keel: et
Asendab dokumenti: EVS 860-6:2015

Arvamusküsitluse lõppkuupäev: 29.08.2020

93 RAJATISED

prEN 16432-3

Railway applications - Ballastless track systems - Part 3: Acceptance

This part of EN 16432 specifies the methods for the implementation of ballastless track system designs and the criteria for the acceptance of works concerning construction of ballastless track systems. It does not include any criteria for inspecting, maintaining, repairing and replacing ballastless track systems during operation.

Keel: en
Alusdokumendid: prEN 16432-3

Arvamusküsitluse lõppkuupäev: 29.08.2020

prEN 16933-1

Drain and sewer systems outside buildings - Design - Part 1: Layout principles

This document specifies requirements for the design of drain and sewer systems outside buildings. It is applicable to drain and sewer systems, which operate essentially under gravity, from the point where the wastewater leaves a building, roof drainage system, or paved area, to a point where it is discharged into a wastewater treatment plant or receiving water body. This part specifies requirements for the layout of drain and sewer systems.

Keel: en
Alusdokumendid: prEN 16933-1

Arvamusküsitluse lõppkuupäev: 29.08.2020

97 OLME. MEELELAHUTUS. SPORT

prEN 1176-10

Playground equipment and surfacing - Part 10: Additional specific safety requirements and test methods for fully enclosed play equipment

This document is applicable to fully enclosed play equipment intended for installation inside and outside buildings, for children up to 14 years old, see 3.1. The purpose of this document is to provide additional safety requirements covering particulars of these structures.

Keel: en
Alusdokumendid: prEN 1176-10
Asendab dokumenti: EVS-EN 1176-10:2008

Arvamusküsitluse lõppkuupäev: 29.08.2020

TÕLKED KOMMENTEERIMISEL

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

Tõlkekavanditega saab tutvuda ja kommentaare esitada 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.

EVS-EN ISO 22313:2020

Turvalisus ja vastupidavus. Talitluspidevuse juhtimissüsteemid. Juhised ISO 22301 kasutamiseks (ISO 22313:2020)

Käesolev dokument annab juhiseid ja soovitusi standardis ISO 22301 esitatud talitluspidevuse juhtimissüsteemi (BCMS) nõuete kohaldamiseks. Juhised ja soovitused põhinevad headel rahvusvahelistel tavadel. Käesolev dokument on kohaldatav organisatsioonidele, kes: a) viivad ellu, hoiavad toimivana ja parendavad BCMSi; b) püüavad tagada vastavuse väljakuulutatud talitluspidevuse juhtpõhimõtetega; c) peavad suutma töökatkestuse ajal jätkata toodete ja teenuste pakkumist ettemääratud vastuvõetavas mahus; d) püüavad BCMSi mõjusa kohaldamise kaudu suurendada oma vastupidavust. Juhised ja soovitused on kohaldatavad igat suurust ja tüüpi organisatsioonidele, sealhulgas tööstus-, äri-, avalikus ja mittetulundussektoris toimivatele suurtele, keskmistele ja väikestele organisatsioonidele. Kasutatav lähenemisviis sõltub organisatsiooni tegevuskeskkonnast ja keerukusest.

Keel: et
Alusdokumendid: ISO 22313:2020; EN ISO 22313:2020

Kommenteerimise lõppkuupäev: 30.07.2020

prEN ISO 14155

Meditsiiniseadme kliiniline uuring inimesel. Hea kliiniline tava

Standard käsitleb head kliinilist tava inimestel tehtavate kliiniliste uuringute kavandamise, läbiviimise, registreerimise ja aruandluse kohta eesmärgiga hinnata meditsiiniseadmete kliinilist toimivust või tõhusust ja ohutust. Turustamisjärgsetes kliinilistes uuringutes võib standardis esitatud põhimõtteid järgida, kuivõrd need on asjakohased, arvestades kliinilise uuringu olemust (vt lisa I). See standard määrab üldised nõuded eesmärgiga: — kaitsta osalejate õigusi, ohutust ja heaolu; — kindlustada kliiniliste uuringute teaduslik läbiviimine ja kliiniliste uuringute tulemuste usaldusväärsus; — määrata kindlaks sponsori ja juhtiva uurija kohustused; ja — abistada sponsoreid, uurijaid, eetikakomiteesid, reguleerivaid asutusi ja muid osalisi, kes on seotud meditsiiniseadmete vastavushindamisega. MÄRKUS 1 Standardi kasutajad peavad kaaluma, kas uuritava(te) seadme(te) või kliinilise uuringu suhtes kehtivad ka muud standardid ja/või riiklikud nõuded. Kui nõuetes on erinevusi, peab kohaldama rangeimaid nõudeid. MÄRKUS 2 Tarkvara kui meditsiiniseadme puhul analüütilise paikapidavuse (tarkvara kui meditsiiniseadme väljund on antud sisendi puhul täpne), ja kui asjakohane, teadusliku paikapidavuse näitamiseks (tarkvara kui meditsiiniseadme väljund on seotud ootuspärase kliinilise/füsioloogilise seisundiga), ja tarkvara kui meditsiiniseadme kliinilisele toimivusele osutamiseks (tarkvara kui meditsiiniseadme väljund annab sihtkasutusel kliiniliselt tähendusliku seose), peab kohaldama standardi nõudeid, kuivõrd see on asjakohane (vt viide [5]). Sellest standardist erisuste tegemise põhjendamiseks võib kaaluda osaleja ja tarkvara kui meditsiiniseadme vahelise kaudse kontakti ainulaadsust. Standard ei kohaldu in vitro diagnostikameditsiiniseadmetele. Seadmest ning riiklikest või piirkondlikest nõuetest sõltuvalt võib olla olukordi, kus standardi kasutajad võivad kaaluda, kas standardi teatud jaotisi ja/või nõudeid saaks kohaldada.

Keel: et
Alusdokumendid: ISO/DIS 14155; prEN ISO 14155

Kommenteerimise lõppkuupäev: 30.07.2020

prEN ISO 8849

Väikelaevad. Elektrivooluga töötavad pilsipumbad

Käesolevas dokumendis määratakse kindlaks pilsivee kõrvaldamiseks ettenähtud elektriajamiga pilsipumpadele esitatavad nõuded. See kehtib järgmiste seadmete suhtes: — alalisvoolu pilsipumbad, mis töötavad nimipingega kuni 50 V ja — ühefaasilised vahelduvvoolu pilsipumbad, mis töötavad nimipingega kuni 300 V. Seda ei kohaldata kahjustusohjeks ettenähtud pumpade suhtes.

Keel: et
Alusdokumendid: ISO/DIS 8849; prEN ISO 8849

Kommenteerimise lõppkuupäev: 30.07.2020

prEVS-EN 12697-22

Asfaltsegud. Katsemeetodid. Osa 22: Rattaroopa katse

See Euroopa standard kirjeldab katsemeetodeid asfaltsegude deformatsioonitundlikkuse määramiseks koormuse all. Katse on rakendatav segudele, mille suurim teramõõt on väiksem või võrdne 32 mm. Katsed on rakendatavad laboris valmistatud või katendist lõigatud proovikehadele; katseproovikehi hoitakse rakisvormis nii, et nende pind oleks vormi ülaservaga ühetasa. Asfaltsegude deformatsioonitundlikkust hinnatakse rattaroopa järgi, mis moodustub koormatud ratta korduvläbikute tulemusena konstantsel temperatuuril. Vastavalt sellele standardile saab kasutada kolme alternatiivset seadmetüüpi: suuri seadmeid, ülisuuri seadmeid ja väikesi seadmeid. Suurte ja ülisuurte seadmete korral viiakse proovikehad katse ajal konditsiooni õhus. Väikeste

seadmete puhul konditsioneeritakse proovikehad kas õhus või vees. MÄRKUS Suured ja ülisuured seadmed ei sobi silindriliste proovikehade katsetamiseks.

Keel: et
Alusdokumendid: EN 12697-22:2020

Kommenteerimise lõppkuupäev: 30.07.2020

prEVS-EN ISO 11665-5

Radioaktiivsuse mõõtmine keskkonnas. Õhk: radoon-222. Osa 5: Aktiivsuskontsentratsiooni pidevmõõtmise meetod

Käesolevas dokumendis kirjeldatakse radoon-222 pidevmõõtmismeetodeid. See annab lugemeid radooni aktiivsuskontsentratsiooni ajutiste kõikumiste pidevmõõtmiseks nii avatud kui ka suletud atmosfääris. Käesolev dokument on ette nähtud keskkonnas, avalikes hoonetes, kodudes ja töökohtades leiduva radooni aktiivsuskontsentratsiooni ajutiste muutuste hindamiseks mõjusuuruste funktsioonina, nagu ventilatsioon ja/või ilmastikutingimused. Kirjeldatud mõõtmismeetod on kohaldatav õhuproovide suhtes, mille radooni aktiivsuskontsentratsioon on suurem kui 5 Bq/m3.

Keel: et
Alusdokumendid: ISO 11665-5:2020; EN ISO 11665-5:2020

Kommenteerimise lõppkuupäev: 30.07.2020

TÜHISTAMISKÜSITLUS

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

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

EVS-EN 60747-5-1:2002

Discrete semiconductor devices and integrated circuits - Part 5-1: Optoelectronic devices; General

Deals with the terminology relating to the semiconductor optoelectronic devices.

Keel: en
Alusdokumendid: IEC 60747-5-1:1997+A1:2001+A2:2002; EN 60747-5-1:2001+A1:2002+A2:2002
Tühistamisküsitluse lõppkuupäev: 30.07.2020

TEADE EUROOPA STANDARDI OLEMASOLUST

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

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

EN 12697-29:2020

Bituminous mixtures - Test methods - Part 29: Determination of the dimensions of a bituminous specimen

Eeldatav avaldamise aeg Eesti standardina 11.2020

EN ISO 9229:2020

Thermal insulation - Vocabulary (ISO 9229:2020)

Eeldatav avaldamise aeg Eesti standardina 12.2020

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 14073-3:2004/AC:2020

Büroomööbel. Mahutusmööbel. Osa 3: Katsemeetodid püsivuse ja konstruktsiooni tugevuse määramiseks
Office furniture - Storage furniture - Part 3: Test methods for the determination of stability and strength of the structure

EVS-EN 14074:2004/AC:2020

Büroomööbel. Lauad, puldid ja mahutusmööbel. Katsemeetodid liikuvate osade tugevuse ja vastupidavuse määramiseks
Office furniture - Tables and desks and storage furniture - Test methods for the determination of strength and durability of moving parts

EVS-EN 1504-2:2007/AC:2020

Betoonkonstruktsioonide kaitsmiseks ja parandamiseks kasutatavad tooted. Määratlused, nõuded, kvaliteedi-kontroll ja vastavuse hindamine. Osa 2: Betooni pinnakaitsesüsteemid
Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 2: Surface protection systems for concrete

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.

EVS-EN 12697-1:2020

Asfaltsegud. Katsemeetodid. Osa 1: Lahustuva sideaine sisaldus
Bituminous mixtures - Test methods - Part 1: Soluble binder content

See dokument kirjeldab katsemeetodeid asfaltsegu proovide lahustuva sideaine sisalduse määramiseks. Kirjeldatud katsemeetodid on sobivad kvaliteedikontrolli tegemiseks tehase segude tootmisel ja tootespetsifikatsioonile vastavuse kontrollimiseks. Modifitseeritud sideaineid sisaldavate segude analüüsimisel tuleb järgida lisas D antud juhiseid.

EVS-EN 364:1999

Kukkumisvastased isikukaitsevahendid. Katsemeetodid
Personal protective equipment against falls from a height - Test methods

See Euroopa standard täpsustab kukkumisvastaste isikukaitsevahenditega seotud materjalide, osade ja süsteemide jaoks järgmised katsemeetodid: a) staatilised katsevahendid ja staatilised katsemeetodid, b) dünaamilised katsevahendid, sealhulgas torso, c) katsemeetodid osade ja süsteemide dünaamiliseks tehniliste omaduste ja dünaamiliseks tugevuse katseks, d) metallosade korrosioonikindluse katsetamine, e) katsevahendid ja -meetodid mõjutamis- ja vastupidavuskatsete jaoks. Lisaks antakse standardis soovitusi katsete ajaliseks planeerimiseks.

STANDARDIPEALKIRJADE MUUTMINE

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

Dokumendi tähis	Muudetav pealkiri	Uus pealkiri
EVS-EN 364:1999	Kõrgelt kukkumise isikukaitsevahendid. Katsemeetodid	Kukkumisvastased isikukaitsevahendid. Katsemeetodid

UUED EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN ISO 10240:2020	Small craft - Owner's manual (ISO 10240:2019) (Corrected version 02.2020)	Väikelaevad. Omaniku käsiraamat
EVS-EN ISO 12215-5:2019	Small craft - Hull construction and scantlings - Part 5: Design pressures for monohulls, design stresses, scantlings determination (ISO 12215-5:2019) (Corrected version 2019-10)	Väikelaevad. Kerekonstruktsioon ja dimensioneerimine. Osa 5: Arvutuslik surve monokerele, arvutuslikud pinged, sõrestikuga seotud arvutused