EVS Teataja

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Uued Eesti standardid

Standardikavandite arvamusküsitlus

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite tõlked kommenteerimisel

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

Ilmub alates 1993. aastast

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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

CEN/TR 17797:2022

Gas infrastructure - Consequences of hydrogen in the gas infrastructure and identification of related standardisation need in the scope of CEN/TC 234

This document is written in preparation of future standardization and provides guidance on how injection of H2 into the gas infrastructure can impact processes from the input of gas into the on-shore transmission network up to the inlet connection of gas appliances. NOTE 1 Gas infrastructure includes gas installation pipework between the delivery point of the gas and the inlet connection to the gas appliance in buildings and on industrial sites. The assessments refer to the concentrations of 2, 5, 10, 20 and up to 100 Vol.- % hydrogen in natural gas. Furthermore, it identifies the expected revision need of the existing CEN/TC 234 standards as well as the need of further new standardisation deliverables. It examines the effects on each part of the gas infrastructure in the scope of the CEN/TC 234 Working Groups 1 to 12 inclusive, based on available studies, reports and research. Due to several limitations at different hydrogen concentrations, the impacts are specified. For some specific impacts, pre-standardization research is needed. By convention, for this technical report, the injection of pure hydrogen, i. e. without trace and/or minor components is considered. Awareness is given that there is the need to consider trace and/or minor components and limits set on the gas quality on European and national level, too. The information from this report is intended to define the CEN/TC 234 work program for the coverage of H2NG in relation to the scope of the CEN/TC 234 and its WGs. NOTE 2 Progress on hydrogen will develop over time. In principle this will be reflected in the standardisation process in CEN/TC 234.

Keel: en
Alusdokumendid: CEN/TR 17797:2022

EVS-EN 15602:2022

Private security services - Terminology

This document applies to providers and customers of security services.

Keel: en
Alusdokumendid: EN 15602:2022
Asendab dokumenti: EVS-EN 15602:2008

EVS-EN ISO 10209:2022

Technical product documentation - Vocabulary - Terms relating to technical drawings, product definition and related documentation (ISO 10209:2022)

This document establishes and defines terms used in technical product documentation relating to technical drawings, product definition and related documentation in all fields of application. The terms have been classified into specific fields of application. NOTE New terms required by ISO/TC 10 subcommittees and working groups for new or revised standards will be ratified by the ISO/TC 10 vocabulary maintenance team and included in future amendments of this document.

Keel: en
Alusdokumendid: ISO 10209:2022; EN ISO 10209:2022
Asendab dokumenti: EVS-EN ISO 10209:2012

EVS-EN ISO 2080:2022

Metallic and other inorganic coatings - Surface treatment, metallic and other inorganic coatings - Vocabulary (ISO 2080:2022)

This International Standard describes general types of surface-finishing processes and provides a vocabulary that defines terms related to these processes. Emphasis is placed on practical usage in surface-finishing technology in the metal-finishing field. The vocabulary does not include definitions and terms for porcelain and vitreous enamel, thermally sprayed coatings and hot-dip galvanizing for which specialized vocabularies and glossaries exist or are in preparation. For the most part, basic terms that have the same meaning in surface finishing as in other fields of technology, and that are defined in handbooks and dictionaries of chemistry and physics, are not included.

Keel: en
Alusdokumendid: ISO 2080:2022; EN ISO 2080:2022
Asendab dokumenti: EVS-EN ISO 2080:2009

EVS-EN ISO 772:2022

Hydrometry - Vocabulary and symbols (ISO 772:2022)

This document defines terms and symbols used in standards in the field of hydrometry.

Keel: en
Alusdokumendid: ISO 772:2022; EN ISO 772:2022
Asendab dokumenti: EVS-EN ISO 772:2011

EVS-ISO 23081-2:2022

Informatsioon ja dokumentatsioon. Dokumentide haldamise metaandmed. Osa 2: Kontseptuaalsed ja rakenduslikud küsimused

Information and documentation - Metadata for managing records - Part 2: Conceptual and implementation issues (ISO 23081-2:2021, identical)

See dokument kehtestab metaandmeelementide määratlemise raamistiku kooskõlas standardis ISO 23081-1 esitatud põhimõtete ja rakendamiskaalutlustega. Selle raamistiku eesmärk on a) võimaldada dokumentide ja dokumentide jaoks oluliste kontekstiolemite standardne kirjeldamine; b) tagada ühtne arusaam kindlaksmääratud rühmitustasanditest, et võimaldada dokumentide ja dokumente puudutava informatsiooni koostalitlus organisatsiooni erinevate süsteemide vahel; ning c) võimaldada dokumentide haldamise metaandmete järjepidev taaskasutus ja standardsus ajas, ruumis ja erinevates rakendustes. Lisaks määratletakse mõned otsustamist vajavad küsimused, millele tuleb tähelepanu osutada ja mida tuleb dokumenteerida, et dokumentide haldamise metaandmete juurutamine oleks võimalik. Selle eesmärk on määratleda — küsimused, millega on vaja tegeleda dokumentide haldamise metaandmete rakendamisel; — erinevad võimalused nende küsimustega tegelemiseks ja nende selgitamiseks ning — erinevad otsuse langetamise viisid ja see, kuidas tehakse valikuid dokumentide haldamise metaandmete rakendamisel.

Keel: en, et
Asendab dokumenti: EVS-ISO 23081-2:2011

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

CEN/TS 17699:2022

Guidelines for developing ICT Professional Curricula as scoped by EN 16234-1 (e-CF)

This document provides guidance and inspiration on how to design/redesign, develop, maintain, adjust, and compare ICT Professional curricula and learning programmes as scoped by EN 16234-1:2019 and related documents. EN 16234-1:2019 (e-CF) is the starting guiding point for this document, for a shared European language for ICT professional development. Other framework sources can be used to apply the methodology outlined in this document. This document is for application by educational institutions, learning programmes and certification providers of all types (public and private), providing ICT Professional education and training including: • Higher Education (HE); • Vocational Education and Training (VET); • Any other educational or training institution or provider in professional ICT, e.g. Continuous Professional Development (CPD). This document is focused on guiding education providers on how to align curricula and learning programmes with the structure and principles of EN 16234-1 (e-CF) e-Competences and CWA 16458 1 ICT Professional Role Profiles. It applies to all forms of education, supporting educational providers who plan to use a shared European language on knowledge, skills, competences and roles, as ingredients for the successful provision of ICT Professional education and training. The guidelines, provided by this document, include formal, non-formal and industry developed education and training through the provision of high-level, consistent recommendations and guidance for ICT curriculum or learning programme design by any education provider. In this document, a distinction is made between a learning programme and a curriculum. The term “curriculum” is strongly associated with formal educational institutions and degrees, the term “learning programme” indicates a broader, more encompassing concept, also incorporating training and other learning programmes, not restricted to only “curricula”. As the proposed methodology in this document relates to both curricula and learning programmes, the term ‘learning programme’ is used throughout the text. If the term ‘curriculum’ is used, then that narrower meaning is explicitly applicable in that situation.

Keel: en
Alusdokumendid: CEN/TS 17699:2022

CWA 17858:2022

Guidelines for Traditional Micro-SMEs’ GDPR Compliance

The present CEN Workshop Agreement (CWA) provides GDPR-compliance guidelines for Traditional Micro-SMEs (see 3.11) acting as controllers for low-risk processing (see 3.10) operations. It provides practical guidance on the key GDPR (see 3.6) requirements to be considered by such Micro-SMEs and translates these into the practical recommendations they should comply with, to be GDPR compliant. The document focusses on legal provisions applicable to such low-risk processing. It does not consider in depth the GDPR provisions applicable to high-risk processing (environments), such as on data protection impact assessments, data protection officers and provisions on automated-decision making and profiling. NOTE 1 It should be taken into account that provisions applicable to high-risk processing are relevant for Traditional Micro-SMEs when they would be involved in high-risk processing. This CWA offers guidance only on the most relevant and common e-Privacy rules for Micro-SMEs’ (see 3.8) processing activities that are applicable across EU member-states. NOTE 2 CWA users should always check the implementation of the e-Privacy Directive in national law in the relevant Member State. This CWA is applicable to Traditional Micro-SMEs. It is mainly addressed to the Micro-SMEs’ service providers who assess them or support them to become GDPR compliant (e.g., consultants, trainers, accountants, lawyers, ICT providers, etc.). Due to the limited general legal knowledge present in Traditional Micro-SMEs and their general lack of time and resources to organise GDPR implementation projects themselves, this CWA is primarily and foremost addressed to their service providers. The use of this CWA will be beneficial to: - citizens: their rights to privacy and data protection will be safeguarded, even when their data is processed by Traditional Micro-SMEs; - Traditional Micro-SMEs: being compliant is important from different perspectives, such as regulatory, reputational and economic; the CWA will help them avoiding data breaches and avoiding administrative fines that may be imposed when they’re in breach of data protection legislation.

Keel: en
Alusdokumendid: CWA 17858:2022

EVS-EN 15602:2022

Private security services - Terminology

This document applies to providers and customers of security services.

Keel: en
Alusdokumendid: EN 15602:2022
Asendab dokumenti: EVS-EN 15602:2008

EVS-EN ISO 9712:2022

Mittepurustav katsetamine. NDT personali kvalifitseerimine ja sertifitseerimine
Non-destructive testing - Qualification and certification of NDT personnel (ISO 9712:2021)

See dokument sätestab kvalifitseerimise ja sertifitseerimise nõuded personalile, kes teeb tööstuslikke mittepurustavaid katsetusi (NDT) järgmiste meetoditega: a) akustilise emissiooni katsetus; b) pöörisvoolu katsetus; c) lekkekatse (välja arvatud hüdraulilised survekatsed); d) magnetkatsetus; e) penetrantkatsetus; f) radiograafiline katsetus; g) tensomeetriakatse; h) termograafiline katsetus; i) ultraheli katsetus; j) visuaalne kontroll (välja arvatud otsesed palja silmaga tehtavad visuaalsed katsed ja visuaalsed katsed, mis tehakse muu NDT-meetodi rakendamisel). Selles dokumendis sätestatud süsteem on kohaldatav ka muudele NDT-meetoditele või kindlaks määratud NDT-meetodi ulatuses uutele NDT-tehnikatele eeldusel, et olemas on kõikehõlmav sertifitseerimiskava ning et NDT-meetod või NDT-tehnika kuulub rahvusvaheliste, piirkondlike või rahvuslike standardite käsitlusalasse või et NDT-meetodi või NDT-tehnika efektiivsust on demonstreeritud sertifitseerimisasutusele. MÄRKUS 1 Mõiste „tööstuslik“ vihjab meditsiinivaldkonna rakenduste välistamisele. MÄRKUS 2 CEN/TR 14748 sisaldab juhiseid mittepurustavate katsete kvalifitseerimise metoodika kohta. MÄRKUS 3 See dokument sätestab nõuded tegelikult kolmanda poole vastavushindamiskavadele. Need nõuded ei ole otseselt kohaldatavad teise või esimese poole tehtavale vastavushindamisele, ent selle dokumendi asjakohaste osade poole võib selliste kokkulepete puhul pöörduda. MÄRKUS 4 Mõiste „otsene visuaalne kontroll ilma abita“ tähendab, et vaatleja silmast katsealasse kulgeb katkematu optiline tee ja vaatleja ei kasuta tööriistu ega seadmeid (nt peeglit, endoskoopi, fiiberoptikat). MÄRKUS 5 Muudel NDT-meetoditel põhinevad koormuse arvutused on välistatud.

Keel: en, et
Alusdokumendid: EN ISO 9712:2022; ISO 9712:2021
Asendab dokumenti: EVS-EN ISO 9712:2012

07 LOODUS- JA RAKENDUSTEADUSED

CEN ISO/TS 21356-1:2022

Nanotechnologies - Structural characterization of graphene - Part 1: Graphene from powders and dispersions (ISO/TS 21356-1:2021)

This document specifies the sequence of methods for characterizing the structural properties of graphene, bilayer graphene and graphene nanoplatelets from powders and liquid dispersions using a range of measurement techniques typically after the isolation of individual flakes on a substrate. The properties covered are the number of layers/thickness, the lateral flake size, the level of disorder, layer alignment and the specific surface area. Suggested measurement protocols, sample preparation routines and data analysis for the characterization of graphene from powders and dispersions are given.

Keel: en
Alusdokumendid: ISO/TS 21356-1:2021; CEN ISO/TS 21356-1:2022

CEN/TS 17701-3:2022

Plant biostimulants - Determination of specific elements - Part 3: Determination of mercury

This document specifies a method for determination of the content of mercury (Hg) in plant biostimulants using (cold) vapour generation apparatus coupled to an atomic absorption spectrophotometer and a method using a direct amalgamation technique. It is applicable to aqua regia digests prepared according to CEN/TS 17701-1. NOTE It is also possible to use other suitable methods for the determination of mercury described in Annex A if users prove that the method gives the same results as the methods described in this document. This document is also applicable to the blends of fertilizing products where plant biostimulants are the main part of the blend. Otherwise, the Technical Specification for the main part of the blend applies.

Keel: en
Alusdokumendid: CEN/TS 17701-3:2022

CEN/TS 17703:2022

Plant biostimulants - Determination of chromium(VI)

This document was developed to provide a method for verifying that hexavalent chromium (CrVI) is not present in plant biostimulants in a concentration that exceeds the respective limits outlined in the EU Regulation on Fertilising Products [1]. This document is applicable to all types of plant biostimulants (solid and liquid) used in agriculture. The method described is suitable to quantify the chromium(VI) content in plant biostimulants down to 2 mg/kg. The results obtained from this method are strictly dependent on the extraction conditions. Results obtained by using other extraction procedures (extraction solution, pH, extraction time, etc.) are not comparable with the results produced by the procedure described in this document.

Keel: en
Alusdokumendid: CEN/TS 17703:2022

CEN/TS 17704:2022

Plant biostimulants - Determination of dry matter

This document specifies the procedure for the determination and calculation of the dry matter fraction of plant biostimulants for which the results of performed analysis are to be calculated to the dry matter basis. This document is also applicable to the blends of fertilizing products where plant biostimulants are the main part of the blend. Otherwise, the Technical Specification for the main part of the blend applies.

Keel: en
Alusdokumendid: CEN/TS 17704:2022

CEN/TS 17705:2022

Plant biostimulants - Determination of phosphonates

This document specifies a method for the extraction and determination of phosphonates (P–PO3) in plant biostimulants using ion chromatography and conductivity detection (IC-CD). This document is also applicable to the blends of fertilizing products where plant biostimulants are the main part of the blend. Otherwise, the Technical Specification for the main part of the blend applies.

Keel: en
Alusdokumendid: CEN/TS 17705:2022

CEN/TS 17706:2022

Plant biostimulants - Determination of inorganic arsenic

This document specifies a method for extraction, separation, and determination of inorganic arsenic (iAs) in plant biostimulants using anion-exchange high performance liquid chromatography (HPLC) or ion chromatography (IC) coupled to ICP-MS. This document is also applicable to the blends of fertilizing products where plant biostimulants are the main part of the blend. Otherwise, the Technical Specification for the main part of the blend applies.

Keel: en
Alusdokumendid: CEN/TS 17706:2022

CEN/TS 17725:2022

Plant biostimulants - Determination of the quantity (indicated by mass or volume)

This document specifies the methods to be used for the determination of quantity of solid and liquid forms of plant biostimulants in packages, containers or in bulk. This document is not applicable to the quantity determination of: soil improvers, growing media, organic and organo-mineral fertilizers and fertilizing product blends whose main constituent is a growing media or soil improver. The method for quantity determination for these products is given in EN 15761, EN 15238 and EN 12580.

Keel: en
Alusdokumendid: CEN/TS 17725:2022

CWA 17865:2022

Requirements and Guidelines for a complete end-to-end mobile forensic investigation chain

This CEN Workshop Agreement (CWA) focuses on the Personnel, Tools, Processes and Legal and Ethical framework specific for mobile forensics and including the following topics: a) Competencies; b) device seizure; c) data preservation; d) data acquisition; e) data examination and analysis; f) documentation of all investigation steps; g) reporting; h) evaluation and sharing of information with other LEAs; and i) legal and ethical considerations. In addition to the process-related issues, the document covers requirements for new curriculum for training of LEA officers, security practitioners and criminal prosecution experts to ensure that the evidence from mobile devices is court-approved across national borders. It is recognised that national laws and good practices applied at LEAs vary not only between different European countries but also within these countries. This CWA offers a collection of building blocks covering different aspects of mobile forensics allowing for adjustments based on national laws and regulations as well as internal rules and codes of conduct. It allows LEAs from different countries to accommodate their available technical solutions, at the same time offering a standardised collection of procedures and requirements. It should be explicitly stated that it is not possible to cover all the possible related topics for mobile forensics. Detailed subject matters and specialisms such as Cloud Forensics, Cell Site Analysis, Interception of Communications are excluded. Similarly, the rules and regulations about chain of custody in general, plus guidance for transmission of evidence across national boundaries are excluded from this standards document.

Keel: en
Alusdokumendid: CWA 17865:2022

11 TERVISEHOOLDUS

EVS-EN ISO 8536-15:2022

Infusion equipment for medical use - Part 15: Light-protective infusion sets for single use (ISO 8536-15:2022)

This part of ISO 8536 specifies the requirements for infusion sets that use light-protective agents in the fluid path materials (abbreviated as "light-protective infusion sets" henceforth). This document also provides guidelines for performance and quality specifications of materials used in light-protective infusion sets.

Keel: en
Alusdokumendid: ISO 8536-15:2022; EN ISO 8536-15:2022

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN ISO/TS 9241-126:2022

Ergonomics of human-system interaction - Part 126: Guidance on the presentation of auditory information (ISO/TS 9241-126:2019)

This document provides guidance for the auditory presentation of information controlled by software, irrespective of the device. It includes specific properties such as the syntactic or semantic aspects of information, e.g. coding techniques, and gives provisions for the organization of information taking account of human perception and memory capabilities. This document does not address the hardware issues of the transmission and the production of auditory information. NOTE 1 Volume is dependent on hardware and thus cannot always be absolutely controlled by software. Environmental conditions can also affect the ability for sounds to be perceived, which can be beyond the ability of the software to take into account. This document does not apply to auditory alarms, warnings or other safety-related uses of auditory information. NOTE 2 Safety-related uses of auditory presentation of information are covered in various domain specific standards, such as ISO 7731:2003 which deals with auditory danger signals for public and work areas, and IEC 60601-1-8:2006 which provides very specific requirements for auditory alarms for medical devices. While this document applies to the presentation of all non-safety-related information, it does not include application domain specific guidance (e.g., audio instructions for consumer products). This document can be utilized throughout the design process (e.g. as specification and guidance for designers during design or as a basis for heuristic evaluation). Its provisions for the presentation of information depend on the auditory design approach, the task, the user, the environment and the single or multiple technologies that can be used for presenting the information. Consequently, this document cannot be applied without knowledge of the context of use. It is not intended to be used as a prescriptive set of rules to be applied in its entirety but rather assumes that the designer has proper information available concerning task and user requirements and understands the use of available technology. This document does not address visual or tactile/haptic presentation of information or modality shifting for the presentation of auditory information in other modalities. NOTE 3 ISO 9241-112 provides high-level ergonomic guidance that applies to all modalities.

Keel: en
Alusdokumendid: ISO/TS 9241-126:2019; CEN ISO/TS 9241-126:2022

CEN/TS 17749:2022

Fire extinguishing systems in commercial kitchens - System design, documentation, and test requirements - Fire test procedures for plenum and ducts

This document establishes the detailed test procedures for conducting the test on the plenum and air extract ducts.

Keel: en
Alusdokumendid: CEN/TS 17749:2022

EVS 614:2022

Teemärgised ja nende kasutamine
Traffic markings and their installation requirements

See Eesti standard kehtestab Eesti teeliikluses teede märgistamise korra ja põhimõtted.

Keel: et
Asendab dokumenti: EVS 614:2008
Asendab dokumenti: EVS 614:2008/A1:2016

EVS 835:2022

Hoone veevärk
Water supply systems inside buildings

See standard kehtib hoone veevärkidele, mis on ühendatud ühisveevärgiga või kohaliku veevarustusallikaga. Hoone veevärgi all mõistetakse hoonesisest külma- ja soojaveetorustikku koos toruarmatuuriga, veevarustusseadmeid ja maa-alust veetoru hoone piires kuni vundamendini (vt joonis 1.1). Standardi nõudeid tuleb täita nii uue hoone veevärgi projekteerimisel, paigaldamisel ja katsetamisel kui ka olemasolevate veevärkide remondil ja ümberehitusel.

Keel: et
Asendab dokumenti: EVS 835:2014

EVS 921:2022

Veevarustuse välisvõrk
Water supply systems outside buildings

See Eesti standard on rakendatav omandivormist sõltumata veevarustuse välisvõrkudele, sealhulgas veevõrgule alates veetöötlusjaamast või puurkaev-pumplast kuni hoonete välisseinani. Standard on alus veevõrgu projekteerimisel, veetorustike dimensioonimisel ja pumpade ning teiste abiseadmete valimisel ning on kasutatav nii uue veevõrgu rajamisel kui ka olemasoleva veevõrgu laiendamisel ja ümberehitamisel. Standardis määratakse kindlaks funktsionaalsed nõuded veevarustuse välisvõrgule planeerimise, projekteerimise, ehitamise, käitamise, hoolduse ja ekspluatatsiooni asjus ning tegevused nõuete täitmiseks. Veekäitluses sisaldub veehaare, veetöötlus, vee säilitamine ja edastamine (veevarustuse välisvõrk/ jaotamine) tarbijale (vt joonis 1). Veehaarde-veeallika valikul juhinduda asjakohastest õigusaktidest ja standardist EVS 847-1, vee töötlemisel juhinduda standardist EVS 847-2, vee jaotamisel tarbijale juhinduda asjakohastest õigusaktidest ning standarditest EVS 921 ja EVS 835.

Keel: et
Asendab dokumenti: EVS 921:2014

EVS-EN 15602:2022

Private security services - Terminology

This document applies to providers and customers of security services.

Keel: en
Alusdokumendid: EN 15602:2022
Asendab dokumenti: EVS-EN 15602:2008

EVS-EN 17352:2022

Masinkäitusega jalakäijate sissepääsu kontrollseadmed. Kasutusohutus. Nõuded ja katsemeetodid
Power operated pedestrian entrance control equipment - Safety in use - Requirements and test methods

This document specifies requirements and test methods for power operated pedestrian entrance control equipment such as turnstiles, swing lanes and retractable lanes. Such products can be operated electromechanically or electro-hydraulically. They are usually used in order to allow authorized persons to switch from one zone to another zone one at the time. This document covers safety in use of power operated pedestrian entrance control equipment used for normal access as well as in escape routes and emergency exits. This document deals with all significant hazards, hazardous situations and events relevant to power operated pedestrian entrance control equipment when they are used as intended and under conditions of misuse which are reasonably foreseeable as identified in Clause 4. All lifetime phases of the machinery including transportation, assembly, dismantling, disabling and scrapping are considered by this document. This document does not apply to: - power operated pedestrian doors (see EN 16005 and EN 16361); - external and internal pedestrian doors (see EN 14351-1 and EN 14351-2); - the use of the equipment by vulnerable people; - mechanical turnstiles with electric/electronic unlocking system; - vertically moving power operated pedestrian entrance control equipment; - power operated pedestrian entrance control equipment used in industrial processes; - power operated pedestrian entrance control equipment for people with special needs; - platform doors for subway and railway. This document does not deal with any specific requirements on noise emitted by a power operated pedestrian entrance control equipment as their noise emission is not considered to be a relevant hazard. This document is not applicable to power operated pedestrian entrance control equipment manufactured before the date of publication of the standard. This document does not take into account: - children playing with the equipment; - the use of the equipment by children younger than 8 years without supervision. NOTE Vulnerable people are persons having reduced physical, sensory or mental capabilities (e.g. partially disabled, elderly having some reduction in their physical and mental capabilities), or lack of experience and knowledge. Power operated pedestrian entrance control equipment are according to their function and purpose not designed to serve the needs of vulnerable people. Where accessible entrance control equipment is required, the needs of vulnerable people will be taken into account already at the design stage as indicated in EN 17210:2021 "Accessibility and usability of the built environment – Functional requirements".

Keel: en
Alusdokumendid: EN 17352:2022

EVS-EN 17624:2022

Gaaside ja aurude plahvatuspiiride kindlaksmääramine kõrgendatud rõhul, kõrgendatud temperatuuril või muude oksüdeerijate kui õhuga
Determination of explosion limits of gases and vapours at elevated pressures, elevated temperatures or with oxidizers other than air

This document specifies a test method to determine the explosion limits of gases, vapours and their mixtures, mixed with a gaseous oxidizer or an oxidizer/inert gas mixture at pressures from 0,10 MPa to 10 MPa and for temperatures up to 400 °C.

Keel: en
Alusdokumendid: EN 17624:2022

EVS-EN 60825-1:2014/A11:2021/AC:2022

Lasertoodete ohutus. Osa 1: Seadmete klassifikatsioon ja nõuded
Safety of laser products - Part 1: Equipment classification and requirements

Standardi EN 60825-1:2014/A11:2021 parandus

Keel: en
Alusdokumendid: EN 60825-1:2014/A11:2021/AC:2022-03
Parandab dokumenti: EVS-EN 60825-1:2014/A11:2021

EVS-EN ISO 10304-4:2022

Water quality - Determination of dissolved anions by liquid chromatography of ions - Part 4: Determination of chlorate, chloride and chlorite in water with low contamination (ISO 10304-4:2022)

This document specifies a method for the determination of the dissolved anions chlorate, chloride and chlorite in water with low contamination (e.g. drinking water, raw water or swimming pool water). The diversity of the appropriate and suitable assemblies and the procedural steps depending on them permit a general description only. For further information on the analytical technique, see Bibliography.

Keel: en
Alusdokumendid: ISO 10304-4:2022; EN ISO 10304-4:2022

Asendab dokumenti: EVS-EN ISO 10304-4:2001

EVS-EN ISO 10390:2022

Soil, treated biowaste and sludge - Determination of pH (ISO 10390:2021)

This document specifies an instrumental method for the routine determination of pH within the range pH 2 to pH 12 using a glass electrode in a 1:5 (volume fraction) suspension of soil, sludge and treated biowaste in water (pH in H2O), in 1 mol/l potassium chloride solution (pH in KCl) or in 0,01 mol/l calcium chloride solution (pH in CaCl2). This International Standard is applicable to all types of soil, sludge and biowaste, for example pretreated in accordance with ISO 11464 or EN 16179.

Keel: en
Alusdokumendid: ISO 10390:2021; EN ISO 10390:2022
Asendab dokumenti: EVS-EN 15933:2012

EVS-EN ISO 17892-12:2018/A2:2022

Geotechnical investigation and testing - Laboratory testing of soil - Part 12: Determination of liquid and plastic limits - Amendment 2 (ISO 17892-12:2018/Amd 2:2022)

Amendment to EN ISO 17892-12:2018

Keel: en
Alusdokumendid: ISO 17892-12:2018/Amd 2:2022; EN ISO 17892-12:2018/A2:2022
Muudab dokumenti: EVS-EN ISO 17892-12:2018

EVS-EN ISO 17892-12:2018+A1+A2:2022

Geotechnical investigation and testing - Laboratory testing of soil - Part 12: Determination of liquid and plastic limits (ISO 17892-12:2018 + ISO 17892-12:2018/Amd 1:2021 + ISO 17892-12:2018/Amd 2:2022)

This document specifies methods for the determination of the liquid and plastic limits of a soil. These comprise two of the Atterberg limits for soils. The liquid limit is the water content at which a soil changes from the liquid to the plastic state. This document describes the determination of the liquid limit of a specimen of natural soil, or of a specimen of soil from which material larger than about 0,4 mm has been removed. This document describes two methods: the fall cone method and the Casagrande method. NOTE The fall cone method in this document should not be confused with that of ISO 17892-6. The plastic limit of a soil is the water content at which a soil ceases to be plastic when dried further. The determination of the plastic limit is normally made in conjunction with the determination of the liquid limit. It is recognized that the results of the test are subject to the judgement of the operator, and that some variability in results will occur.

Keel: en
Alusdokumendid: ISO 17892-12:2018; EN ISO 17892-12:2018; ISO 17892-12:2018/Amd 1:2021; EN ISO 17892-12:2018/A1:2021; ISO 17892-12:2018/Amd 2:2022; EN ISO 17892-12:2018/A2:2022
Konsolideerib dokumenti: EVS-EN ISO 17892-12:2018
Konsolideerib dokumenti: EVS-EN ISO 17892-12:2018/A1:2021
Konsolideerib dokumenti: EVS-EN ISO 17892-12:2018/A2:2022

EVS-EN ISO 20345:2022

Isikukaitsevahendid. Turvajalatsid
Personal protective equipment - Safety footwear (ISO 20345:2021)

Dokumendis on täpsustatud üldised ja lisa- (valikulised) nõuded üldotstarbeliselt kasutatavatele turvajalatsitele. See hõlmab näiteks mehaanilisi riske, libisemisvastasust, temperatuurist tingitud riske, ergonoomilisi omadusi. Lisaks täpsustatakse nõuded kohandatud sisetaldadega varustatud turvajalatsitele, kohandatud turvajalatsitele või individuaalselt valmistatud kohandatud turvajalatsitele. See standard ei hõlma kõrgnähtavuse funktsiooni, kuna jalatseid mõjutavad nii rõivastus (nt püksid katavad jalatsid kinni) kui ka töökeskkonna tingimused (nt mustus, muda). Eririske on käsitletud tööalastes lisastandardites (nt tuletõrjujate jalatsid, elektriisolatsiooniga jalatsid, kaitse kettsae põhjustatud vigastuste eest, kaitse kemikaalide ja sulametalli pritsmete eest, mootorratturite kaitse).

Keel: en, et
Alusdokumendid: ISO 20345:2021; EN ISO 20345:2022
Asendab dokumenti: EVS-EN ISO 20345:2011

EVS-EN ISO 20346:2022

Isikukaitsevahendid. Kaitsejalatsid
Personal protective equipment - Protective footwear (ISO 20346:2021)

This document specifies basic and additional (optional) requirements for protective footwear used for general purpose. It includes, for example, mechanical risks, slip resistance, thermal risks, ergonomic behaviour. It includes, for example, mechanical risks, slip resistance, thermal risks, ergonomic behaviour. It also specifies requirements for protective footwear equipped with customized insocks, customized protective footwear or individual manufactured customized protective footwear. This standard does not cover the property of high visibility because of interaction with the clothing (e.g. trousers cover the footwear) and work area conditions (e.g. dirt, mud). Special risks are covered by complementary job-related standards (e.g. footwear for firefighters, electrical insulating footwear, protection against chain saw injuries, protection against chemicals and molten metal splash, protection for motorcycle riders).

Keel: en
Alusdokumendid: ISO 20346:2021; EN ISO 20346:2022

Asendab dokumenti: EVS-EN ISO 20346:2014

EVS-EN ISO 20347:2022

Isikukaitsevahendid. Tööjalatsid
Personal protective equipment - Occupational footwear (ISO 20347:2021)

This document specifies basic and additional (optional) requirements for occupational footwear used for general purpose. It includes, for example, mechanical risks, slip resistance, thermal risks, ergonomic behaviour. It also specifies requirements for occupational footwear equipped with customized insocks, customized occupational footwear or individual manufactured customized occupational footwear. This standard does not cover the property of high visibility because of interaction with the clothing (e.g. trousers cover the footwear) and work area conditions (e.g. dirt, mud). Special risks are covered by complementary job-related standards (e.g. footwear for firefighters, electrical insulating footwear, protection against chain saw injuries, protection against chemicals and against molten metal splash, protection for motorcycle riders).

Keel: en
Alusdokumendid: ISO 20347:2021; EN ISO 20347:2022
Asendab dokumenti: EVS-EN ISO 20347:2012

EVS-EN ISO 28927-13:2022

Kantavad käeshoitavad ajamiga tööriistad. Katsemeetodid vibratsiooni mõõtmiseks. Osa 13: Kinnitusdetailide sisselöömise tööriistad
Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 13: Fastener driving tools (ISO 28927-13:2022)

This document specifies a laboratory method for measuring the vibration at the handle of fastener driving tools. It is a type test procedure for establishing the vibration value on the handle of a hand-held power tool operating under a specified load. This document is applicable to fastener driving tools driven pneumatically or by other means, using nails, staples or pins. This document is applicable to tools with single sequential actuation, contact actuation, contact actuation with automatic reversion or continual contact actuation (see Figures 1 to 3). This document is not applicable to tools operating in full sequential mode due to their much longer intervals in between individual actuations. However, to provide an indication for comparison of different tools of this type (see Figures 4 and 5), Annex C provides informative guidance. NOTE Today current knowledge does not allow any conclusions regarding physiological and pathological effects between isolated shocks and continuous shock sequences, and their repetition rates.

Keel: en
Alusdokumendid: ISO 28927-13:2022; EN ISO 28927-13:2022
Asendab dokumenti: CEN ISO/TS 8662-11:2004
Asendab dokumenti: CEN ISO/TS 8662-11:2004/AC:2013

EVS-EN ISO 8130-4:2022

Coating powders - Part 4: Calculation of lower explosion limit (ISO 8130-4:2021)

This document specifies a method for the calculation of the lower explosion limit of a coating powder, i.e. the minimum concentration of the coating powder in air which will form an explosive mixture. It is based on the measurement of the gross calorific value of the product, as determined by the method described in ISO 1928.

Keel: en
Alusdokumendid: ISO 8130-4:2021; EN ISO 8130-4:2022
Asendab dokumenti: EVS-EN ISO 8130-4:2010

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 61094-2:2009/A1:2022

Electroacoustics - Measurement microphones - Part 2: Primary method for pressure calibration of laboratory standard microphones by the reciprocity technique

Amendment to EN 61094-2:2009

Keel: en
Alusdokumendid: IEC 61094-2:2009/AMD1:2022; EN 61094-2:2009/A1:2022
Muudab dokumenti: EVS-EN 61094-2:2009

EVS-EN ISO 772:2022

Hydrometry - Vocabulary and symbols (ISO 772:2022)

This document defines terms and symbols used in standards in the field of hydrometry.

Keel: en
Alusdokumendid: ISO 772:2022; EN ISO 772:2022
Asendab dokumenti: EVS-EN ISO 772:2011

19 KATSETAMINE

EVS-EN ISO 9712:2022

Mittepurustav katsetamine. NDT personali kvalifitseerimine ja sertifitseerimine
Non-destructive testing - Qualification and certification of NDT personnel (ISO 9712:2021)

See dokument sätestab kvalifitseerimise ja sertifitseerimise nõuded personalile, kes teeb tööstuslikke mittepurustavaid katsetusi (NDT) järgmiste meetoditega: a) akustilise emissiooni katsetus; b) pöörisvoolu katsetus; c) lekkekatse (välja arvatud hüdraulilised survekatsed); d) magnetkatsetus; e) penetrantkatsetus; f) radiograafiline katsetus; g) tensomeetriakatse; h) termograafiline katsetus; i) ultraheli katsetus; j) visuaalne kontroll (välja arvatud otsesed palja silmaga tehtavad visuaalsed katsed ja visuaalsed katsed, mis tehakse muu NDT-meetodi rakendamisel). Selles dokumendis sätestatud süsteem on kohaldatav ka muudele NDT-meetoditele või kindlaks määratud NDT-meetodi ulatuses uutele NDT-tehnikatele eeldusel, et olemas on kõikehõlmav sertifitseerimiskava ning et NDT-meetod või NDT-tehnika kuulub rahvusvaheliste, piirkondlike või rahvuslike standardite käsitlusalasse või et NDT-meetodi või NDT-tehnika efektiivsust on demonstreeritud sertifitseerimisasutusele. MÄRKUS 1 Mõiste „tööstuslik“ vihjab meditsiinivaldkonna rakenduste välistamisele. MÄRKUS 2 CEN/TR 14748 sisaldab juhiseid mittepurustavate katsete kvalifitseerimise metoodika kohta. MÄRKUS 3 See dokument sätestab nõuded tegelikult kolmanda poole vastavushindamiskavadele. Need nõuded ei ole otseselt kohaldatavad teise või esimese poole tehtavale vastavushindamisele, ent selle dokumendi asjakohaste osade poole võib selliste kokkulepete puhul pöörduda. MÄRKUS 4 Mõiste „otsene visuaalne kontroll ilma abita“ tähendab, et vaatleja silmast katsealasse kulgeb katkematu optiline tee ja vaatleja ei kasuta tööriistu ega seadmeid (nt peeglit, endoskoopi, fiiberoptikat). MÄRKUS 5 Muudel NDT-meetoditel põhinevad koormuse arvutused on välistatud.

Keel: en, et
Alusdokumendid: EN ISO 9712:2022; ISO 9712:2021
Asendab dokumenti: EVS-EN ISO 9712:2012

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN 15427-1-1:2022

Railway applications - Wheel/Rail friction management - Part 1-1: Equipment and Application - Flange Lubricants

This document specifies the requirements for equipment used to apply lubricant to the interface between the wheel flange and the gauge face of the rail, and contact area between the check rail face and the back of the wheel (active interface), either directly or indirectly to the wheel flange or to the rail, and includes both trainborne and trackside solutions. This document specifies: — the characteristics that systems of lubrication of the active interface should achieve, together with applicable inspection and test methods to be carried out for verification; — all relevant terminology which is specific to the lubrication of the active interface. This document applies to the mainline railway. NOTE This document can also be used for other railways, e.g urban rail.

Keel: en
Alusdokumendid: EN 15427-1-1:2022
Asendab dokumenti: EVS-EN 15427:2008+A1:2010

25 TOOTMISTEHNOLOOGIA

EVS-EN 12732:2022

Gaasivarustussüsteemid. Terastorustiku keevitamine. Talitlusnõuded
Gas infrastructure - Welding steel pipework - Functional requirements

See dokument sisaldab nõudeid gaasivarustussüsteemi terasest maismaatorustike ja torustike paigaldamisel ja muutmisel, kaasa arvatud kasutusaegne keevitamine, kasutatud keevisliidete tootmiseks ja katsetamiseks. See sisaldab kõiki rõhuvahemikke ning töödeldud mittetoksilisi ja mittekorrosiivseid maagaase standardi EN ISO 13686 kohaselt ning mittetraditsioonilisi gaase, nagu (gaasivõrku sisestatud) biometaani ja vesinikku, kus • ülekandetorustiku elemendid on tehtud mittelegeer- või madallegeer-süsinikterasest; • ülekandetorustik ei asu äri- ega tööstushoonetes tehnoloogilise protsessi integreeritud osana, välja arvatud ülekandetorustikud ja seadmed, mis varustavad gaasiga neid hooneid; • torustik ei asu majapidamises ega tööstuspaigaldistes vastavuses standardile EN 1775 või EN 15001; • süsteemi arvutustemperatuur on vahemikus −40 °C kuni 120 °C (kaasa arvatud). Sisestatud (gaasivõrku) biometaanile või vesinikule on tehtud talitluslike nõuete üksikasjalik tehniline hindamine, tagamaks, et seal ei ole ühtegi gaaside koostisosadest ega omadustest, mis võivad mõjutada ülekandetorustiku terviklikkust. See dokument ei rakendu keevisõmblustele, mis on valmistatud enne selle dokumendi avaldamist. See dokument määratleb üldised aluspõhimõtted gaasivarustussüsteemile. Selle dokumendi kasutajad peaksid olema teadlikud, et CEN-i liikmeriikides võivad olla veel detailsemad rahvuslikud standardid ja/või tegevusjuhised. See dokument on mõeldud kasutamiseks koos nende rahvuslike standarditega ja/või tegevusjuhistega, mis panevad paika ülalpool mainitud aluspõhimõtted. Lahkhelide korral, kui riigisiseste õigusnormide/määruste nõuded on rangemad selle dokumendi nõuetest, tuleb eesõigus anda riigisisestele õigusnormidele/määrustele, nagu on näidatud tehnilises aruandes CEN/TR 13737 (kõik osad). MÄRKUS CEN/TR 13737 (kõik osad) sisaldab • riigis kohalduvate asjakohaste õigusnormide/määruste selgitust; • kui on kohane, enam piiravaid riiklikke nõudeid; • rahvuslikku viimase info saamise kontaktpunkti.

Keel: en, et
Alusdokumendid: EN 12732:2021
Asendab dokumenti: EVS-EN 12732:2013+A1:2014

EVS-EN IEC 62264-6:2022

Enterprise-control system integration - Part 6: Messaging service model

This document defines a technology independent model for a set of abstract services that is located above the application layer of the OSI model, and that is used for exchanging transaction messages based on the transaction models defined in IEC 62264-5. The model, which is called the Messaging Service Model (MSM), is intended for interoperability between manufacturing operations domain applications and applications in other domains. NOTE It is recognized that other sets of services not defined in accordance with this document are possible for the exchange of MOM information and are not deemed invalid as a result of this document.

Keel: en
Alusdokumendid: IEC 62264-6:2020; EN IEC 62264-6:2022

EVS-EN ISO 2080:2022

Metallic and other inorganic coatings - Surface treatment, metallic and other inorganic coatings - Vocabulary (ISO 2080:2022)

This International Standard describes general types of surface-finishing processes and provides a vocabulary that defines terms related to these processes. Emphasis is placed on practical usage in surface-finishing technology in the metal-finishing field. The vocabulary does not include definitions and terms for porcelain and vitreous enamel, thermally sprayed coatings and hot-dip galvanizing for which specialized vocabularies and glossaries exist or are in preparation. For the most part, basic terms that have the same meaning in surface finishing as in other fields of technology, and that are defined in handbooks and dictionaries of chemistry and physics, are not included.

Keel: en
Alusdokumendid: ISO 2080:2022; EN ISO 2080:2022
Asendab dokumenti: EVS-EN ISO 2080:2009

EVS-EN ISO 28927-13:2022

Kantavad käeshoitavad ajamiga tööriistad. Katsemeetodid vibratsiooni mõõtmiseks. Osa 13: Kinnitusdetailide sisselöömise tööriistad
Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 13: Fastener driving tools (ISO 28927-13:2022)

This document specifies a laboratory method for measuring the vibration at the handle of fastener driving tools. It is a type test procedure for establishing the vibration value on the handle of a hand-held power tool operating under a specified load. This document is applicable to fastener driving tools driven pneumatically or by other means, using nails, staples or pins. This document is applicable to tools with single sequential actuation, contact actuation, contact actuation with automatic reversion or continual contact actuation (see Figures 1 to 3). This document is not applicable to tools operating in full sequential mode due to their much longer intervals in between individual actuations. However, to provide an indication for comparison of different tools of this type (see Figures 4 and 5), Annex C provides informative guidance. NOTE Today current knowledge does not allow any conclusions regarding physiological and pathological effects between isolated shocks and continuous shock sequences, and their repetition rates.

Keel: en
Alusdokumendid: ISO 28927-13:2022; EN ISO 28927-13:2022
Asendab dokumenti: CEN ISO/TS 8662-11:2004
Asendab dokumenti: CEN ISO/TS 8662-11:2004/AC:2013

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12975:2022

Päikesekollektorid. Üldnõuded
Solar collectors - General requirements

This document is applicable to all types of fluid heating solar collectors. This document specifies performance requirements for fluid heating solar collectors with respect to durability, reliability, safety and thermal performance. This document deals with the solar collector and not with assemblies. This document is not applicable to those devices in which a thermal storage unit is an integral part to such an extent that the collection process cannot be separated from the storage process for making the collector thermal performance measurements.

Keel: en
Alusdokumendid: EN 12975:2022
Asendab dokumenti: EVS-EN 12975-1:2006+A1:2010

EVS-EN 17124:2022

Hydrogen fuel - Product specification and quality assurance for hydrogen refuelling points dispensing gaseous hydrogen - Proton exchange membrane (PEM) fuel cell applications for vehicles

Selles dokumendis määratakse kindlaks vesinikkütuse kvaliteediomadused ja vastav kvaliteedi tagamine, et tagada polümeerelektrolüütmembraaniga (PEM) kütuseelemendiga maanteesõidukite süsteemidele väljastatava vesinikutoote ühtsus.

Keel: en
Alusdokumendid: EN 17124:2022

Asendab dokumenti: EVS-EN 17124:2018

EVS-EN 62282-3-201:2017/A1:2022

Fuel cell technologies - Part 3-201: Stationary fuel cell power systems - Performance test methods for small fuel cell power systems

Amendment to EN 62282-3-201:2017

Keel: en
Alusdokumendid: IEC 62282-3-201:2017/AMD1:2022; EN 62282-3-201:2017/A1:2022
Muudab dokumenti: EVS-EN 62282-3-201:2017

EVS-EN IEC 62872-2:2022

Industrial-process measurement, control and automation - Part 2: Internet of Things (IoT) - Application framework for industrial facility demand response energy management

IEC 62872-2:2022 presents an IoT application framework for industrial facility demand response energy management (FDREM) for the smart grid, enabling efficient information exchange between industrial facilities using IoT related communication technologies. This document specifies: - an overview of the price-based demand response program that serves as basic knowledge backbone of the IoT application framework; - a IoT-based energy management framework which describes involved functional components, as well as their relationships; - detailed information exchange flows that are indispensable between functional components; - existing IoT protocols that need to be identified for each protocol layer to support this kind of information exchange; - communication requirements that guarantee reliable data exchange services for the application framework.

Keel: en
Alusdokumendid: IEC 62872-2:2022; EN IEC 62872-2:2022

29 ELEKTROTEHNIKA

EVS-EN 50341-2-22:2022

Overhead electrical lines exceeding AC 1 kV - Part 2-22: National Normative Aspects (NNA) for Poland (based on EN 50341-1:2012)

1.1 General (ncpt) PL.1 Scope of application This NNA applies to designing and constructing of new overhead lines with nominal system voltages exceeding 1 kV AC. "New overhead line" means a totally new line between two points, A and B, built up with new components. The standard PN-EN 50341-1 (Part 1) with this NNA does not apply to modernisation, reconstruction and renovation of the existing lines, unless otherwise specified in the Project Specification. 1.2 Field of application (ncpt) PL.1 All Dielectric Self Supporting (ADSS) cables This NNA applies to All Dielectric Self Supporting (ADSS) cables only within the scope of their impact on the supports and minimum clearances which shall be taken as for insulated cable systems. (ncpt) PL.2 Telecommunication equipment This NNA relates to the telecommunication equipment mounted on the new overhead line supports.

Keel: en
Alusdokumendid: EN 50341-2-22:2022
Asendab dokumenti: EVS-EN 50341-2-22:2016

EVS-EN 50522:2022

Earthing of power installations exceeding 1 kV a.c.

This document is applicable to specify the requirements for the design and erection of earthing systems of electrical installations, in systems with nominal voltage above 1 kV AC and nominal frequency up to and including 60 Hz, so as to provide safety and proper functioning for the use intended. NOTE 1 The technical and procedural principles of this document can be applied when 3rd parties' installations and facilities are planned and/or erected in the vicinity of HV electrical power installations. For the purpose of interpreting this document, an electrical power installation is considered to be one of the following: a) substation, including substation for railway power supply; b) electrical power installations on mast, pole and tower; switchgear and/or transformers located outside a closed electrical operating area; c) one (or more) power station(s) located on a single site; the electrical power installation includes generators and transformers with all associated switchgear and all electrical auxiliary systems. Connections between generating stations located on different sites are excluded; d) the electrical system of a factory, industrial plant or other industrial, agricultural, commercial or public premises; e) electrical power installations on offshore facilities for the purpose of generation, transmission, distribution and/or storage of electricity; f) transition towers/poles between overhead lines and underground lines. The electrical power installation includes, among others, the following equipment: — rotating electrical machines; — switchgear; — transformers and reactors; — converters; — cables; — wiring systems; — batteries; — capacitors; — earthing systems; — buildings and fences which are part of a closed electrical operating area; — associated protection, control and auxiliary systems; — large air core reactor. NOTE 2 In general, a standard for an item of equipment takes precedence over this document. This document does not apply to the design and erection of earthing systems of any of the following: — overhead and underground lines between separate installations; NOTE 3 The standard, EN 50341 series Overhead lines exceeding AC 1 kV, specifies requirements for the design and erection of earthing systems in overhead lines. — electrified railway tracks and rolling stock; — mining equipment and installations; — fluorescent lamp installations; — installations on ships and off-shore installations; — electrostatic equipment (e.g. electrostatic precipitators, spray-painting units); — test sites; — medical equipment, e.g. medical X-ray equipment. NOTE 4 The scope of this document does not include the requirements for carrying out live working on electrical power installations. NOTE 5 The scope of this document considers safety requirements for HV installations and its influences on LV installations. For electrical installation up to 1 kV, the standard IEC 60364 series applies.

Keel: en

Alusdokumendid: EN 50522:2022
Asendab dokumenti: EVS-EN 50522:2010

EVS-EN IEC 60034-33:2022

Rotating electrical machines - Part 33: Synchronous hydrogenerators including motor-generators - Specific requirements

This part of IEC 60034 applies to three-phase salient-pole synchronous generators and synchronous motor-generators for hydraulic turbine and pump-turbine applications, that have rated frequency of 50 Hz or 60 Hz, rated output of 10 MVA and above, pole pair number 3 and above, and rated voltage of 6 kV and above. This document supplements basic requirements for rotating machines given in IEC 60034-1.

Keel: en
Alusdokumendid: IEC 60034-33:2022; EN IEC 60034-33:2022

EVS-EN IEC 60034-7:2022

Pöörlevad elektrimasinad. Osa 7: Konstruktsioonitüüpide, paigaldamisviiside ja klemmikarbi asukoha klassifikatsioon (IM-kood)
Rotating electrical machines - Part 7: Classification of types of construction, mounting arrangements and terminal box position (IM Code)

IEC 60034-7:2020 specifies the IM Code, a classification of types of construction, mounting arrangements and the terminal box position of rotating electrical machines. Two systems of classification are provided as follows: - Code I: An alpha-numeric designation applicable to machines with end-shield bearing(s) and only one shaft extension - Code II: An all-numeric designation applicable to a wider range of types of machines including types covered by Code I. This third edition cancels and replaces the second edition, published in 1992, and its Amendment 1:2000. The main technical changes with regard to the previous edition are as follows: - note on twin motors added - reference to 4.3 instead of duplication of text - new subclause on marking of shaft inclination or declination.

Keel: en
Alusdokumendid: IEC 60034-7:2020; EN IEC 60034-7:2022
Asendab dokumenti: EVS-EN 60034-7:2001
Asendab dokumenti: EVS-EN 60034-7:2001/A1:2002

EVS-EN IEC 62442-1:2022

Energy performance of lamp controlgear - Part 1: Controlgear for fluorescent lamps - Method of measurement to determine the total input power of controlgear circuits and the efficiency of controlgear

IEC 62442-1:2022 defines a measurement and calculation method of the total input power for controlgear-lamp circuits when operating with their associated fluorescent lamp(s). The calculation method for the efficiency of the lamp controlgear is also defined. This document applies to electrical controlgear-lamp circuits consisting only of the controlgear and the lamp(s). It is intended for use on DC supplies up to 1 000 V and/or AC supplies up to 1 000 V at 50 Hz or 60 Hz. This third edition cancels and replaces the second edition published in 2018. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - this edition has been harmonized with IEC 62442-2 and IEC 62442--3; - the reference to and use of the measurement methods for non-active power consumption in accordance with IEC 63103 have been added.

Keel: en
Alusdokumendid: IEC 62442-1:2022; EN IEC 62442-1:2022
Asendab dokumenti: EVS-EN IEC 62442-1:2018

EVS-EN IEC 62442-2:2022

Energy performance of lamp controlgear - Part 2: Controlgear for discharge lamps (excluding low-pressure mercury fluorescent lamps) - Method of measurement to determine the efficiency of controlgear

IEC 62442-2:2022 defines a measurement method of the power losses of electromagnetic controlgear, the total input power and the standby power of electronic controlgear for discharge lamps (excluding low-pressure mercury fluorescent lamps). A calculation method of the efficiency of controlgear for discharge lamp(s) is also defined. It is assumed that the controlgear are designed for use on DC supplies up to 1 000 V and/or AC supplies up to 1 000 V at 50 Hz or 60 Hz. This third edition cancels and replaces the second edition published in 2018. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - the title of Part 2 has been modified; - this edition has been harmonized with IEC 62442-1 and IEC 62442--3; - the reference to and use of the measurement methods for non-active power consumption in accordance with IEC 63103 have been added.

Keel: en
Alusdokumendid: IEC 62442-2:2022; EN IEC 62442-2:2022
Asendab dokumenti: EVS-EN IEC 62442-2:2018
Asendab dokumenti: EVS-EN IEC 62442-2:2018/AC:2018

EVS-EN IEC 62442-3:2022

Energy performance of lamp controlgear - Part 3: Controlgear for tungsten-halogen lamps and LED light sources - Method of measurement to determine the efficiency of controlgear

IEC 62442-3:2022 defines measurement and calculation methods for specifying the efficiency and the standby power of controlgear for tungsten-halogen lamps and LED light sources. This third edition cancels and replaces the second edition published in 2018. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - this edition has been harmonized with IEC 62442-1 and IEC 62442--2; - the reference to and use of the measurement methods for non-active power consumption in accordance with IEC 63103 have been added.

Keel: en
Alusdokumendid: IEC 62442-3:2022; EN IEC 62442-3:2022
Asendab dokumenti: EVS-EN IEC 62442-3:2018

31 ELEKTROONIKA

EVS-EN 60825-1:2014/A11:2021/AC:2022

Lasertoodete ohutus. Osa 1: Seadmete klassifikatsioon ja nõuded
Safety of laser products - Part 1: Equipment classification and requirements

Standardi EN 60825-1:2014/A11:2021 parandus

Keel: en
Alusdokumendid: EN 60825-1:2014/A11:2021/AC:2022-03
Parandab dokumenti: EVS-EN 60825-1:2014/A11:2021

EVS-EN IEC 60512-99-002:2022

Connectors for electrical and electronic equipment - Tests and measurements - Part 99-002: Endurance test schedules - Test 99b: Test schedule for unmating under electrical load

This part of IEC 60512 is used for the assessment of connectors within the scope of SC 48B that are used in twisted pair communication cabling with remote power, such as ISO/IEC 11801-1 Class D, or better, balanced cabling in support of IEEE 802.3btTM (Power over Ethernet, supporting up to 90 W from the power sourcing equipment). The object of this document is to detail a test schedule to determine the ability of sets of connectors to withstand a minimum of 100 mechanical operations with electrical load, where an electrical current is being passed through the connectors in accordance with IEC 60512-9-3 during the separation (unmating) step.

Keel: en
Alusdokumendid: IEC 60512-99-002:2022; EN IEC 60512-99-002:2022
Asendab dokumenti: EVS-EN IEC 60512-99-002:2019

EVS-EN IEC 61189-2-501:2022

Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 2-501: Test methods for materials for interconnection structures - Measurement of resilience strength and resilience strength retention factor of flexible dielectric materials

This part of IEC 61189 establishes a method suitable for testing the softness of FCCL (Flexible Copper Clad Laminate) products and related materials. This method determines the resilience under specified conditions. The test is performed on the sample as manufactured and without conditioning. The test does not apply to the resilience force lower than 10 mN.

Keel: en
Alusdokumendid: IEC 61189-2-501:2022; EN IEC 61189-2-501:2022

EVS-EN IEC 63373:2022

Dynamic on-resistance test method guidelines for GaN HEMT based power conversion devices

In general, dynamic ON-resistance testing is a measure of charge trapping phenomena in GaN power transistors. This publication describes the guidelines for testing dynamic ON-resistance of GaN lateral power transistor solutions. The test methods can be applied to the following: a) GaN enhancement and depletion-mode discrete power devices [1] b) GaN integrated power solutions c) the above in wafer and package levels Wafer level tests are recommended to minimize parasitic effects when performing high precision measurements. For package level tests, the impact of package thermal characteristics should be considered so as to minimize any device under test (DUT) self-heating implications. The prescribed test methods may be used for device characterization, production testing, reliability evaluations and application assessments of GaN power conversion devices. This document is not intended to cover the underlying mechanisms of dynamic ON-resistance and its symbolic representation for product specifications.

Keel: en
Alusdokumendid: IEC 63373:2022; EN IEC 63373:2022

33 SIDETEHNIKA

EVS-EN 300 674-2-1 V3.1.1:2022

Transpordi ja liikluse telemaatika (TTT); Raadiosagedusalas 5795 MHz kuni 5815 MHz töötavad sihtotstarbelise lähitoimeside (DSRC) edastusseadmed (500 kbit/s / 250 kbit/s); Osa 2. Raadiospektrile juurdepääsu harmoneeritud standard; Osa 2-1. Nõuded maantee infrastruktuuri seadmetele (RSU)
Transport and Traffic Telematics (TTT); Dedicated Short Range Communication (DSRC) transmission equipment (500 kbit/s / 250 kbit/s) operating in the 5 795 MHz to 5 815 MHz frequency band; Part 2: Harmonised Standard for access to radio spectrum; Sub-part 1: Road Side Units (RSU)

The present document specifies technical characteristics and methods of measurements for Transport and Traffic Telematics (TTT) systems intended to be operated as Road Side Units (RSU) with the following characteristics: • with a Radio Frequency (RF) connection and specified antenna or with an integral antenna; • used for data transmission only; • operating in the 5 795 MHz to 5 815 MHz frequency band (see also table 1). NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: ETSI EN 300 674-2-1 V3.1.1

EVS-EN 301 598 V2.2.1:2022

TV vaba vahemiku seadmed (TVWSD); Juhtmeta juurdepääsu süsteemid, mis töötavad televisiooniringhäälingu sagedusalas 470 MHz kuni 694 MHz; Raadiospektrile juurdepääsu harmoneeritud standard
TV White Space Devices (TVWSD); Wireless Access Systems operating in the 470 MHz to 694 MHz TV broadcast band; Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for TV White Space Devices (TVWSDs) controlled by a TV White Space DataBase (TVWSDB) and which operate in the TV broadcast band 470 MHz to 694 MHz. The present document applies to the following radio equipment categories: 1) Primary TV white space device. 2) Secondary TV white space device. The present document applies to TVWSDs with integral, dedicated or external antennas, where TVWSDs using external antennas is covered only in the case of fixed use. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: ETSI EN 301 598 V2.2.1

EVS-EN 303 722 V1.2.1:2022

Laiaribalised andmeedastussüsteemid (WDTS) sagedustel 57-71 GHz töötavatele paikse raadiovõrgu seadmetele; Raadiospektrile juurdepääsu harmoneeritud standard
Wideband Data Transmission Systems (WDTS) for Fixed Network Radio Equipment operating in the 57 GHz to 71 GHz band; Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for Wideband Data Transmission Systems (WDTS) fixed network radio equipment operating in the 57 GHz to 71 GHz band taking into consideration ERC/REC 70-03 annex 3 (frequency bands c2 and c3) and Commission Decision 2006/771/EC bands 75a and 75b. This radio equipment is capable of operating in all or any part of the frequency bands given in table 1. Table 1: Radiocommunications service frequency band Transmit/Receive; Radiocommunications service frequency band Transmit; 57 GHz to 71 GHz Receive; 57 GHz to 71 GHz NOTE 1: The technical characteristics of applications using these radio equipment are further described in ETSI TR 103 583. NOTE 2: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: ETSI EN 303 722 V1.2.1

EVS-EN IEC 60728-115:2022

Cable networks for television signals, sound signals and interactive services - Part 115: In-building optical systems for broadcast signal transmissions

This part of IEC 60728 is applicable to in-building optical transmission systems for broadcast signal transmission that consist of optical transmitter, optical amplifiers, splitters, V-ONUs, etc. These systems are primarily intended for television and sound signals using digital transmission technology. This document specifies the basic system parameters and methods of measurement for in-building optical distribution systems between building network interface (BNI) and home network interface (HNI) in order to assess the system performance and its performance limits. This document is also applicable to broadcast signal transmission using a telecommunication network if it satisfies the requirements of optical section of this document. This document describes RF transmission for fully digitalized broadcast and narrowcast (limited area distribution of broadcast) signals over an FTTH network and introduces xPON system as a physical layer media. The detailed description of the physical layer is out of the scope of this document. The scope is limited to RF signal transmission over optical network, thus, it does not include IP transport technologies, such as IP Multicast and associate protocols. This standard specifies the required system performance of all-optical building networks in order to connect with FTTH networks which are defined by IEC 60728-113 and IEC 60728-13-1. Use of In-building optical networks is very effective for saving cost (installation and maintenance) and enabling

future network up-grades, especially in huge apartment buildings. In this document, the optical wavelengths and electrical frequency bands listed in Table 1 - and Table 2 - are considered to be used. [Table 1 and Table 2]

Keel: en
Alusdokumendid: IEC 60728-115:2022; EN IEC 60728-115:2022

EVS-EN IEC 60794-1-404:2022

Optical fibre cables - Part 1-404: Generic specification - Basic optical cable test procedures - Electrical test methods - Current-temperature test, Method H4

This part of IEC 60794 applies to optical phase conductor (OPPC). An optical phase conductor is made of multiple metallic wires that are exposed to the environment without any insulating or protective sheath and contain optical fibres. This part defines a test standard to determine the optical performance and temperature characteristics of a hybrid cable under the maximum current.

Keel: en
Alusdokumendid: IEC 60794-1-404:2022; EN IEC 60794-1-404:2022

EVS-EN IEC 61169-1-5:2022

Radio frequency connectors - Part 1-5: Electrical test methods - Rise time degradation

IEC 61169-1-5:2022 provides test methods for the rise time degradation of radio frequency (RF) connector. This document is applicable to triaxial and other radio frequency connectors.

Keel: en
Alusdokumendid: IEC 61169-1-5:2022; EN IEC 61169-1-5:2022

EVS-EN IEC 61300-3-33:2022

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-33: Examinations and measurements - Withdrawal force from a resilient alignment sleeve using pin gauges

This part of IEC 61300 describes the procedure to measure the withdrawal force between the pin gauge and the resilient alignment sleeve. This measurement procedure is applicable to single-fibre cylindrical ferrule optical connectors.

Keel: en
Alusdokumendid: IEC 61300-3-33:2022; EN IEC 61300-3-33:2022
Asendab dokumenti: EVS-EN 61300-3-33:2012

EVS-EN IEC 62150-6:2022

Fibre optic active components and devices - Test and measurement procedures - Part 6: Universal mezzanine boards for test and measurement of photonic devices

This part of IEC 62150 specifies a generic mezzanine board system to support test and measurement of devices based on micro-optical and micro-photonic technologies, including but not limited to photonic integrated circuit (PIC) devices.

Keel: en
Alusdokumendid: IEC 62150-6:2022; EN IEC 62150-6:2022

35 INFOTEHNOLOOGIA

CEN ISO/TS 9241-126:2022

Ergonomics of human-system interaction - Part 126: Guidance on the presentation of auditory information (ISO/TS 9241-126:2019)

This document provides guidance for the auditory presentation of information controlled by software, irrespective of the device. It includes specific properties such as the syntactic or semantic aspects of information, e.g. coding techniques, and gives provisions for the organization of information taking account of human perception and memory capabilities. This document does not address the hardware issues of the transmission and the production of auditory information. NOTE 1 Volume is dependent on hardware and thus cannot always be absolutely controlled by software. Environmental conditions can also affect the ability for sounds to be perceived, which can be beyond the ability of the software to take into account. This document does not apply to auditory alarms, warnings or other safety-related uses of auditory information. NOTE 2 Safety-related uses of auditory presentation of information are covered in various domain specific standards, such as ISO 7731:2003 which deals with auditory danger signals for public and work areas, and IEC 60601-1-8:2006 which provides very specific requirements for auditory alarms for medical devices. While this document applies to the presentation of all non-safety-related information, it does not include application domain specific guidance (e.g., audio instructions for consumer products). This document can be utilized throughout the design process (e.g. as specification and guidance for designers during design or as a basis for heuristic evaluation). Its provisions for the presentation of information depend on the auditory design approach, the task, the user, the environment and the single or multiple technologies that can be used for presenting the information. Consequently, this document cannot be applied without knowledge of the context of use. It is not intended to be used as a prescriptive set of rules to be applied in its entirety but rather assumes that the designer has proper information available concerning task and user requirements and understands the use of available technology. This document does not address visual or tactile/haptic presentation of information or modality shifting for the presentation of auditory information in other modalities. NOTE 3 ISO 9241-112 provides high-level ergonomic guidance that applies to all modalities.

Keel: en

Alusdokumendid: ISO/TS 9241-126:2019; CEN ISO/TS 9241-126:2022

CEN/TS 17699:2022

Guidelines for developing ICT Professional Curricula as scoped by EN 16234-1 (e-CF)

This document provides guidance and inspiration on how to design/redesign, develop, maintain, adjust, and compare ICT Professional curricula and learning programmes as scoped by EN 16234-1:2019 and related documents. EN 16234-1:2019 (e-CF) is the starting guiding point for this document, for a shared European language for ICT professional development. Other framework sources can be used to apply the methodology outlined in this document. This document is for application by educational institutions, learning programmes and certification providers of all types (public and private), providing ICT Professional education and training including: • Higher Education (HE); • Vocational Education and Training (VET); • Any other educational or training institution or provider in professional ICT, e.g. Continuous Professional Development (CPD). This document is focused on guiding education providers on how to align curricula and learning programmes with the structure and principles of EN 16234-1 (e-CF) e-Competences and CWA 16458 1 ICT Professional Role Profiles. It applies to all forms of education, supporting educational providers who plan to use a shared European language on knowledge, skills, competences and roles, as ingredients for the successful provision of ICT Professional education and training. The guidelines, provided by this document, include formal, non-formal and industry developed education and training through the provision of high-level, consistent recommendations and guidance for ICT curriculum or learning programme design by any education provider. In this document, a distinction is made between a learning programme and a curriculum. The term “curriculum” is strongly associated with formal educational institutions and degrees, the term “learning programme” indicates a broader, more encompassing concept, also incorporating training and other learning programmes, not restricted to only “curricula”. As the proposed methodology in this document relates to both curricula and learning programmes, the term ‘learning programme’ is used throughout the text. If the term ‘curriculum’ is used, then that narrower meaning is explicitly applicable in that situation.

Keel: en
Alusdokumendid: CEN/TS 17699:2022

CWA 17858:2022

Guidelines for Traditional Micro-SMEs’ GDPR Compliance

The present CEN Workshop Agreement (CWA) provides GDPR-compliance guidelines for Traditional Micro-SMEs (see 3.11) acting as controllers for low-risk processing (see 3.10) operations. It provides practical guidance on the key GDPR (see 3.6) requirements to be considered by such Micro-SMEs and translates these into the practical recommendations they should comply with, to be GDPR compliant. The document focusses on legal provisions applicable to such low-risk processing. It does not consider in depth the GDPR provisions applicable to high-risk processing (environments), such as on data protection impact assessments, data protection officers and provisions on automated-decision making and profiling. NOTE 1 It should be taken into account that provisions applicable to high-risk processing are relevant for Traditional Micro-SMEs when they would be involved in high-risk processing. This CWA offers guidance only on the most relevant and common e-Privacy rules for Micro-SMEs’ (see 3.8) processing activities that are applicable across EU member-states. NOTE 2 CWA users should always check the implementation of the e-Privacy Directive in national law in the relevant Member State. This CWA is applicable to Traditional Micro-SMEs. It is mainly addressed to the Micro-SMEs’ service providers who assess them or support them to become GDPR compliant (e.g., consultants, trainers, accountants, lawyers, ICT providers, etc.). Due to the limited general legal knowledge present in Traditional Micro-SMEs and their general lack of time and resources to organise GDPR implementation projects themselves, this CWA is primarily and foremost addressed to their service providers. The use of this CWA will be beneficial to: - citizens: their rights to privacy and data protection will be safeguarded, even when their data is processed by Traditional Micro-SMEs; - Traditional Micro-SMEs: being compliant is important from different perspectives, such as regulatory, reputational and economic; the CWA will help them avoiding data breaches and avoiding administrative fines that may be imposed when they’re in breach of data protection legislation.

Keel: en
Alusdokumendid: CWA 17858:2022

EVS-EN IEC 62264-6:2022

Enterprise-control system integration - Part 6: Messaging service model

This document defines a technology independent model for a set of abstract services that is located above the application layer of the OSI model, and that is used for exchanging transaction messages based on the transaction models defined in IEC 62264-5. The model, which is called the Messaging Service Model (MSM), is intended for interoperability between manufacturing operations domain applications and applications in other domains. NOTE It is recognized that other sets of services not defined in accordance with this document are possible for the exchange of MOM information and are not deemed invalid as a result of this document.

Keel: en
Alusdokumendid: IEC 62264-6:2020; EN IEC 62264-6:2022

EVS-EN IEC 62872-2:2022

Industrial-process measurement, control and automation - Part 2: Internet of Things (IoT) - Application framework for industrial facility demand response energy management

IEC 62872-2:2022 presents an IoT application framework for industrial facility demand response energy management (FDREM) for the smart grid, enabling efficient information exchange between industrial facilities using IoT related communication technologies. This document specifies: - an overview of the price-based demand response program that serves as basic knowledge backbone of the IoT application framework; - a IoT-based energy management framework which describes involved functional components, as well as their relationships; - detailed information exchange flows that are indispensable between functional components; - existing IoT protocols that need to be identified for each protocol layer to support this kind of

information exchange; - communication requirements that guarantee reliable data exchange services for the application framework.

Keel: en
Alusdokumendid: IEC 62872-2:2022; EN IEC 62872-2:2022

EVS-EN ISO 13972:2022

Health informatics - Clinical information models - Characteristics, structures and requirements (ISO 13972:2022)

This document: - Specifies clinical information models (CIMs) as health and care concepts that can be used to define and to structure information for various purposes in health care, also enabling information reuse; - Describes requirements for CIMs content, structure and context and specification of their data elements, data element relationships, meta-data and versioning, and provides guidance and examples; - Specifies key characteristics of CIMs used in conceptual and logical analysis for use cases such as (reference) architectures, information layers, EHR and PHR systems, interoperability, systems integration in the health domain, and secondary use of data including for public health reporting; - Defines a Quality Management System (QMS) for a systematic and effective governance, quality management, and measurement of CIMs through their lifecycle of development, testing, distribution, application and maintenance; - Provides principles for the transformation and application of clinical information models through the wide variation of health information technology. This document excludes: - Requirements on the content or application of any particular clinical information model or clinical information modelling methodology; - Specific applications of clinical information models such as for dynamic modelling of workflow; - Specifications for modelling entire domains or aggregates of many CIMs such as complete assessment documents or discharge summaries. It does not specify CIMs compositions; - Specification of how to involve specific clinicians, how to carry out governance including information governance, or how to ensure patient safety.

Keel: en
Alusdokumendid: ISO 13972:2022; EN ISO 13972:2022
Asendab dokumenti: CEN ISO/TS 13972:2015

EVS-ISO 18626:2022

Informatsioon ja dokumentatsioon. Raamatukogudevahelised laenutustoimingud
Information and documentation - Interlibrary Loan Transactions (ISO 18626:2021, identical)

See dokument määrab raamatukogudevahelise või raamatukogude ja muude asutuste vahelise laenutustoimingute korra, ühtlustamaks teavikute tellimusi ja järgnevat teabevahetust.

Keel: en
Alusdokumendid: ISO 18626:2021
Asendab dokumenti: EVS-ISO 18626:2019

45 RAUDTEETEHNIKA

EVS-EN 15427-1-1:2022

Railway applications - Wheel/Rail friction management - Part 1-1: Equipment and Application - Flange Lubricants

This document specifies the requirements for equipment used to apply lubricant to the interface between the wheel flange and the gauge face of the rail, and contact area between the check rail face and the back of the wheel (active interface), either directly or indirectly to the wheel flange or to the rail, and includes both trainborne and trackside solutions. This document specifies: — the characteristics that systems of lubrication of the active interface should achieve, together with applicable inspection and test methods to be carried out for verification; — all relevant terminology which is specific to the lubrication of the active interface. This document applies to the mainline railway. NOTE This document can also be used for other railways, e.g urban rail.

Keel: en
Alusdokumendid: EN 15427-1-1:2022
Asendab dokumenti: EVS-EN 15427:2008+A1:2010

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 10087:2022

Väikelaevad. Veesõiduki identifitseerimine. Kodeerimissüsteem
Small craft - Craft identification - Coding system (ISO 10087:2022)

This document establishes a coding system to achieve identification of any small craft in terms of: a) identification code of the country of the manufacturer of the craft; b) identification code of the manufacturer; c) serial number; d) month and year of manufacture; e) model year. It applies to small craft of all types and materials, of hull length, LH, up to 24 m.

Keel: en
Alusdokumendid: EN ISO 10087:2022; ISO 10087:2022
Asendab dokumenti: EVS-EN ISO 10087:2019

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 4566:2022

Aerospace series - Heat resisting alloy CO-PH4101 (CoCr20W15N1) - Vacuum melted - Solution treated - Forgings - De ≤ 100 mm

This document specifies the requirements relating to: Heat resisting alloy CO-PH4101 (CoCr20W15Ni), Vacuum melted Solution treated Forgings, De ≤ 100 mm for aerospace applications.

Keel: en
Alusdokumendid: EN 4566:2022

EVS-EN 4641-301:2022

Aerospace series - Cables, optical 125 µm diameter cladding - Part 301: Tight structure 50/125 µm GI, fibre nominal 1,8 mm, outside diameter - Product standard

This document specifies the general characteristics, conditions for qualification, acceptance and quality assurance for a fibre optic cable with a 50/125 µm Graded Index fibre core, 1,8 mm outside diameter for non pull-proof contact designs.

Keel: en
Alusdokumendid: EN 4641-301:2022
Asendab dokumenti: EVS-EN 4641-301:2011

EVS-EN 4844:2022

Aerospace series - Screws, 100° countersunk normal head, Spiral Drive Recess, threaded to head, in heat and corrosion resisting steel, passivated - Classification : 1 100 MPa (at ambient temperature) / 425 °C

This document specifies the characteristics of externally threaded fasteners, 100° countersunk normal head, Spiral Drive Recess, threaded to head, in heat and corrosion resisting steel, passivated, for aerospace applications. Classification: 1 100 MPa/425 °C.

Keel: en
Alusdokumendid: EN 4844:2022

EVS-EN 4845:2022

Aerospace series - Screw, 100° countersunk normal head, Spiral Drive Recess, short thread, in heat resisting steel FE-PA2601 (A286), passivated - Classification: 900 MPa (at ambient temperature)/650 °C

This document specifies the characteristics of externally threaded fasteners, 100° countersunk normal head, Spiral Drive Recess, short thread, in heat resisting steel FE-PA2601, passivated, for aerospace applications. Classification: 900 MPa/650 °C.

Keel: en
Alusdokumendid: EN 4845:2022

EVS-EN 4846:2022

Aerospace series - Screws, pan head, Spiral Drive Recess, threaded to head, in heat and corrosion resisting steel, passivated - Classification: 1 100 MPa (at ambient temperature) / 425 °C

This document specifies the characteristics of externally threaded fasteners, pan head, Spiral Drive Recess, threaded to head, in heat and corrosion resisting steel, passivated, for aerospace applications. Classification: 1 100 MPa/425 °C.

Keel: en
Alusdokumendid: EN 4846:2022

EVS-EN 4847:2022

Aerospace series - Screw, pan head, Spiral Drive Recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated - Classification: 1 100 MPa (at ambient temperature)/235 °C

This document specifies the characteristics of externally threaded fasteners, pan head, Spiral Drive Recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated, for aerospace applications. Classification: 1 100 MPa/235 °C.

Keel: en
Alusdokumendid: EN 4847:2022

EVS-EN 4848:2022

Aerospace series - Screw, pan head, Spiral Drive Recess, coarse tolerance normal shank, medium length thread, in titanium alloy, anodized, MoS2 lubricated - Classification: 1 100 MPa (at ambient temperature)/315 °C

This document specifies the characteristics of externally threaded fasteners, pan head, Spiral Drive Recess, coarse tolerance normal shank, medium length thread, in titanium alloy, anodized, MoS2 lubricated, for aerospace applications. Classification: 1 100 MPa /315 °C .

Keel: en
Alusdokumendid: EN 4848:2022

EVS-EN 4849:2022

Aerospace series - Screw, 100° countersunk normal head, Spiral Drive Recess, close tolerance normal shank, short thread, in titanium alloy, aluminium IVD coated - Classification: 1 100 MPa (at ambient temperature)/425 °C

This document specifies the characteristics of externally threaded fasteners, 100° countersunk normal head, Spiral Drive Recess, close tolerance normal shank, short thread, in titanium alloy, aluminium IVD coated, for aerospace applications. Classification: 1 100 MPa /425 °C

Keel: en
Alusdokumendid: EN 4849:2022

EVS-EN 4850:2022

Aerospace series - Screw, 100° countersunk normal head, Spiral Drive Recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated - Classification: 1 100 MPa (at ambient temperature)/235 °C

This document specifies the characteristics of externally threaded fasteners, 100° countersunk normal head, Spiral Drive Recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated, for aerospace applications. Classification: 1 100 MPa /235 °C .

Keel: en
Alusdokumendid: EN 4850:2022

EVS-EN 4851:2022

Aerospace series - Screw, 100° countersunk normal head, Spiral Drive Recess, coarse tolerance normal shank, long thread, in alloy steel, cadmium plated - Classification: 1 100 MPa (at ambient temperature)/235 °C

This document specifies the characteristics of externally threaded fasteners, 100° countersunk normal head, Spiral Drive Recess, coarse tolerance normal shank, long thread, in alloy steel, cadmium plated, for aerospace applications. Classification: 1 100 MPa /235 °C .

Keel: en
Alusdokumendid: EN 4851:2022

EVS-EN 4853:2022

Aerospace series - Externally threaded fastener, 100° countersunk normal head, Spiral Drive Recess - Classification: 1 100 MPa (at ambient temperature)/425 °C

This document specifies the characteristics of externally threaded fasteners, 100° countersunk normal head, Spiral Drive Recess, for aerospace applications. Classification: 1 100 MPa /425 °C .

Keel: en
Alusdokumendid: EN 4853:2022

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN 15512:2020+A1:2022

Steel static storage systems - Adjustable pallet racking systems - Principles for structural design

This European Standard specifies the structural design requirements applicable to all types of adjustable beam pallet rack systems fabricated from steel members intended for the storage of unit loads and subject to predominantly static loads. Both un-braced and braced systems are included. This European Standard gives guidelines for the design of clad rack buildings where requirements are not covered in EN 1993. The requirements of this European Standard also apply to ancillary structures, where rack components are employed as the main structural members. This European Standard does not cover other generic types of storage structures. Specifically, this European Standard does not apply to mobile storage systems, drive-in, drive-through and cantilever racks or static steel shelving systems, nor does this European Standard establish specific design rules for the assessment of racking in seismic areas.

Keel: en
Alusdokumendid: EN 15512:2020+A1:2022
Asendab dokumenti: EVS-EN 15512:2020

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 22291:2022

Märgmeetodit kasutavate lausriidemasinate ohutusnõuded
Safety requirements for wetlaid-nonwoven machinery (ISO 22291:2022)

This document specifies safety requirements and means of verification for wetlaid-nonwoven machinery. This document applies to wetlaid-nonwoven machines, including approach flow system, headbox, wire section and jet head, hydroentangling unit, dryer, finishing, quality control system (QCS), winder, drives and control system. Annex C illustrates general wetlaid-nonwoven machinery and their components. It deals with all significant hazards, hazardous situations and hazard events relevant to wetlaid-nonwoven machines, when used as intended and under the conditions foreseeable by the manufacturer. This document does not deal with pressure hazards in steam-heated drying cylinders and does not apply to equipment under pressure. This document does not apply to machines which are intended for use in explosive atmospheres. This document does not apply to wetlaid-nonwoven machines which have been manufactured before the date of publication of this document.

Keel: en
Alusdokumendid: ISO 22291:2022; EN ISO 22291:2022

65 PÕLLUMAJANDUS

CEN/TS 17700-1:2022

Plant biostimulants - Claims - Part 1: General principles

This document specifies the general principles for justifying the product claims for plant biostimulants. General principles consist of and define all general parameters, requirements and quality criteria, and are intended to be applied in order to assess the efficacy of trials used for claim(s) validation as a result of the use of a plant biostimulant. This document is aimed primarily at manufacturers, laboratories, researchers, technical centres, companies that will put the products on the market, notifying authorities, notified bodies, and market surveillance authorities.

Keel: en
Alusdokumendid: CEN/TS 17700-1:2022

CEN/TS 17700-2:2022

Plant biostimulants - Claims - Part 2: Nutrient use efficiency resulting from the use of a plant biostimulant

This document provides guidance for justifying agronomic nutrient use efficiency claims of plant biostimulants used in agriculture. This document is aimed primarily at manufacturers, laboratories, researchers, technical centres, companies that will put the products on the market, notifying authorities, notified bodies, and market surveillance authorities.

Keel: en
Alusdokumendid: CEN/TS 17700-2:2022

CEN/TS 17700-3:2022

Plant biostimulants - Claims - Part 3: Tolerance to abiotic stress resulting from the use of a plant biostimulant

This document provides guidance for justifying abiotic stress tolerance claim of plant biostimulants used in agriculture. This document is aimed primarily at manufacturers, laboratories, companies which will put the products on the market, notifying authorities, notified bodies, and market surveillance authorities.

Keel: en
Alusdokumendid: CEN/TS 17700-3:2022

CEN/TS 17700-4:2022

Plant biostimulants - Claims - Part 4: Determination of quality traits resulting from the use of a plant biostimulant

This document provides guidance for justifying quality traits claims of plant biostimulants used in agriculture. This document is aimed primarily at manufacturers, laboratories, companies which will put the products on the market, notifying authorities, notified bodies, and market surveillance authorities.

Keel: en
Alusdokumendid: CEN/TS 17700-4:2022

CEN/TS 17700-5:2022

Plant biostimulants - Claims - Part 5: Determination of availability of confined nutrients in the soil or rhizosphere

The claim described in this document concerns the improvement of availability of confined nutrients in the soil or rhizosphere by a plant biostimulant. This document is aimed primarily at manufacturers, laboratories, researchers, technical centres, companies that will put the products on the market, notifying authorities, notified bodies, and market surveillance authorities.

Keel: en
Alusdokumendid: CEN/TS 17700-5:2022

CEN/TS 17701-1:2022

Plant biostimulants - Determination of specific elements - Part 1: Digestion by aqua regia for subsequent determination of elements

This document specifies the method for the digestion of different plant biostimulants with aqua regia to enable a subsequent determination of arsenic (As), cadmium (Cd), copper (Cu), chromium (Cr), mercury (Hg), nickel (Ni), lead (Pb) and zinc (Zn). The method can be also applied for determination of other elements. The method is applicable for all solid and/or liquid plant biostimulants. This document is also applicable to the blends of fertilizing products where plant biostimulants are the main part of the blend. Otherwise, the Technical Specification for the main part of the blend applies. The extracts are suitable for analysis using CEN/TS 17701-2 (ICP-AES) and CEN/TS 17701-3 (Hg analysis). NOTE Alternatively, inductively coupled plasma mass spectrometry (ICP-MS) can be used for the measurement if the user proves that the method gives the same results.

Keel: en
Alusdokumendid: CEN/TS 17701-1:2022

CEN/TS 17701-2:2022

Plant biostimulants - Determination of specific elements - Part 2: Determination of total content of Cd, Pb, Ni, As, Cr, Cu and Zn

This document specifies a method for the determination of arsenic (As), cadmium (Cd), copper (Cu), chromium (Cr), lead (Pb), nickel (Ni) and zinc (Zn) in plant biostimulant digests using inductively coupled plasma-atomic emission spectrometry (ICP-AES). This document is also applicable to the blends of fertilizing products where plant biostimulants are the main part of the blend. Otherwise, the Technical Specification for the main part of the blend applies. This method is applicable to aqua regia digests prepared according to CEN/TS 17701-1. The method can be used for the determination of other elements, provided the user has verified the applicability.

Keel: en
Alusdokumendid: CEN/TS 17701-2:2022

CEN/TS 17702-1:2022

Plant biostimulants - Sampling and sample preparation - Part 1: Sampling

This document specifies sampling plans and methods of representative sampling of plant biostimulants to obtain samples for physical, chemical and biological analysis. It is applicable to the sampling of lots of plant biostimulants supplied or ready for supply to third parties, as such, or in smaller lots. It is also applicable to the sampling of blends of fertilizing products where plant biostimulants are main part of the blend. Otherwise, deliverables of sampling relevant for the main part of the blend apply. This document is intended to be used by manufacturers, buyers and competent authorities to obtain samples prior to transport and supply it to a laboratory for testing. NOTE This document is applicable to the category of EU fertilizing product (plant biostimulants) in the meaning of the Regulation (EU) 2019/1009.

Keel: en
Alusdokumendid: CEN/TS 17702-1:2022

CEN/TS 17702-2:2022

Plant biostimulants - Sampling and sample preparation - Part 2: Sample preparation

This document specifies methods for the reduction and preparation of samples of non-microbial plant biostimulants including those intended for determination of microbial pathogens and sets out the requirements for sample preparation reports. It specifies methods for the preparation of test samples and test portions from laboratory samples of plant biostimulants for subsequent chemical, biological or physical analysis. It is also applicable to the sample preparation of blends of fertilizing products where plant biostimulants are main part of the blend. Otherwise, deliverables of sample preparation relevant for the main part of the blend apply. This document does not include methods for the reduction and preparation of samples of microbial plant biostimulants, which will be covered by a different Technical Specification. NOTE This document is applicable to the category of EU fertilizing product (plant biostimulants) in the meaning of the Regulation (EU) 2019/1009.

Keel: en
Alusdokumendid: CEN/TS 17702-2:2022

CEN/TS 17707:2022

Plant biostimulants - Determination of the yeast and mould content

This document specifies a horizontal method for the enumeration of yeasts and moulds present in plant biostimulants intended for use in agriculture, by means of the colony count technique after aerobic incubation at 25 °C ± 2,5 °C. This document allows the enumeration of yeasts and moulds, in technical and formulated plant biostimulant, both in liquid and solid state. The method is applicable to microbial plant biostimulant except those composed of fungi or yeast to verify that the concentration of yeast and moulds does not exceed the respective limits described in the EU Fertilisers Regulation [1]. If necessary, yeast and mould enumerated can be identified using suitable identification tests.

Keel: en
Alusdokumendid: CEN/TS 17707:2022

CEN/TS 17708:2022

Plant biostimulants - Preparation of sample for microbial analysis

This document defines general rules for the aerobic preparation of the initial suspension and of dilutions for microbiological examinations of microbial plant biostimulants. This horizontal method might not be appropriate in very detail for certain products. In this case, different methods which are specific to these products can be used if necessary, for justified technical reasons.

Keel: en
Alusdokumendid: CEN/TS 17708:2022

CEN/TS 17709:2022
Plant biostimulants - Determination of Azotobacter spp.

This document was developed to provide the methodology for the enumeration and determination of Azotobacter sp. in plant biostimulant products in accordance with the Regulation (EU) 2019/1009 of the European Parliament and of the Council.

Keel: en
Alusdokumendid: CEN/TS 17709:2022

CEN/TS 17710:2022
Plant biostimulants - Detection of Listeria monocytogenes

This document provides a method for the detection of Listeria monocytogenes in microbial plant biostimulants for verifying that the concentration of this human pathogen does not exceed the respective limits outlined in the EU Regulation on Fertilising Products [1].

Keel: en
Alusdokumendid: CEN/TS 17710:2022

CEN/TS 17711:2022
Plant biostimulants - Detection of Vibrio spp.

This document specifies a horizontal method for the detection of enteropathogenic Vibrio spp., which causes human illness in or via the intestinal tract [1]. The species detectable by the methods specified include Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus. It is applicable to the following: — microbial plant biostimulants. NOTE 1 The World Health Organization (WHO) has identified that V. parahaemolyticus, V. cholerae and V. vulnificus are the major contaminants of Vibrio spp. [1]. NOTE 2 For confirmation, it is possible to use PCR tests; in this case the laboratory validates the procedure and data generated.

Keel: en
Alusdokumendid: CEN/TS 17711:2022

CEN/TS 17712:2022
Plant biostimulants - Detection of Staphylococcus aureus

This document provides a method for verifying that the pathogen Staphylococcus aureus is present in microbial plant biostimulants according to the limits outlined in the EU Regulation on Fertilising Products.

Keel: en
Alusdokumendid: CEN/TS 17712:2022

CEN/TS 17713:2022
Plant biostimulants - Determination of Azospirillum spp.

This document provides the methodology for the enumeration and determination of Azospirillum spp. in plant biostimulant products in accordance to the Regulation of EU fertilising products.

Keel: en
Alusdokumendid: CEN/TS 17713:2022

CEN/TS 17714:2022
Plant biostimulants - Determination of microorganisms' concentration

This document specifies general rules to determine the concentration of microorganisms present in plant biostimulant products. The method is applicable to microbial plant biostimulants for verifying that the concentration of microorganisms does not exceed the respective limits outlined in the EU Regulation on Fertilising Products [1]. This horizontal method might not be appropriate in every detail for certain products. In this case, it is necessary to refer to the methodology of specific determination and quantification of the microorganisms.

Keel: en
Alusdokumendid: CEN/TS 17714:2022

CEN/TS 17715:2022
Plant biostimulants - Detection of Shigella spp.

This document provides a method for verifying that the pathogen Shigella spp. is not present in microbial plant biostimulants in a concentration that exceeds the respective limits outlined in the EU Regulation on Fertilising Products. The detection method for Shigella pathogens is not sensitive and quantification is rarely performed. Detection is usually performed using an enrichment medium followed by subculturing onto a variety of selective media.

Keel: en
Alusdokumendid: CEN/TS 17715:2022

CEN/TS 17716:2022

Plant biostimulants - Determination of Escherichia coli

This document gives general guidelines for the detection and identification of the specified microorganism Escherichia coli in technical and formulated biostimulant products, both in liquid and solid state, and also the horizontal method for the enumeration of ß-glucuronidase-positive Escherichia coli in plant biostimulants products (both in liquid and solid state). The qualitative method described in this document is based on the detection of Escherichia coli in a non-selective liquid medium (enrichment broth), followed by isolation on a selective agar medium. Other methods can be appropriate, depending on the level of detection required. NOTE For the detection of Escherichia coli, subcultures can be performed on non-selective culture media followed by suitable identification steps (e.g. using identification kits). The quantitative method described in this document uses a colony-count technique at 44 °C on a solid medium containing a chromogenic ingredient for detection of the enzyme ß-glucuronidase. WARNING — Strains of Escherichia coli which do not grow at 44 °C and, in particular, those that are ß glucuronidase negative, such as Escherichia coli O157, will not be detected.

Keel: en
Alusdokumendid: CEN/TS 17716:2022

CEN/TS 17717:2022

Plant biostimulants - Detection of Salmonella spp.

This document describes a method for the detection of Salmonella spp. in biostimulants of the following Product Function Categories (PFCs) and Component Material Category (CMC) of EU fertilizing products, as described in the Regulation (EU) 2019/1009 of the European Parliament and of the Council [1]: — PFC 6(A): Microbial plant biostimulant; — PFC 6(B): Non-microbial plant biostimulant; — CMC 7: Microorganisms. It requires three successive steps: a selective enrichment, an isolation on a chromogenic agar, and if positive a confirmation with a serological test (and if required, a selective media).

Keel: en
Alusdokumendid: CEN/TS 17717:2022

CEN/TS 17718:2022

Plant biostimulants - Determination of Rhizobium spp.

This document provides the methodology for the enumeration and determination of Rhizobium sp., Mesorhizobium sp., Ensifer sp., or Bradyrhizobium sp. in plant biostimulant products in accordance with the Regulation (EU) 2019/1009 of the European Parliament and of the Council [1].

Keel: en
Alusdokumendid: CEN/TS 17718:2022

CEN/TS 17719:2022

Plant biostimulants - Determination of the anaerobic plate count

This document provides a horizontal method for enumeration of microorganisms that are able to grow and form colonies in a solid medium after anaerobic incubation at 30 °C. The method is applicable to microbial plant biostimulants for verifying that the concentration of anaerobes does not exceed the respective limits outlined in the EU Regulation on Fertilising Products [1]. This method does not apply to the microbiological monitoring of the environment in which microbial plant biostimulants are manufactured. No information about potential human pathogens can be inferred from anaerobic plate counts.

Keel: en
Alusdokumendid: CEN/TS 17719:2022

CEN/TS 17720:2022

Plant biostimulants - Determination of Enterococcaceae

This methodology has been developed to determine enterococci in biostimulants as a single microorganism component or in a mixture with other microorganisms. This document is not applicable to mineral fertilizers that are defined as complementary feeding stuffs composed mainly of minerals and containing at least 40 % crude ash (Regulation (EC) No 767/2009) [3].

Keel: en
Alusdokumendid: CEN/TS 17720:2022

CEN/TS 17721:2022

Plant biostimulants - Determination of the pH for liquid microbial plant biostimulants/pH in microbial products - Determination of pH

This document specifies a method for laboratory measurement of the pH value in liquid microbial plant biostimulants, using pH electrodes with a glass membrane. From the scope of this document plant biostimulants other than microbial plant biostimulants are excluded because there is no essential requirement in the Regulation (EU) 2019/1009 [1] for measuring the pH of non-microbial plant biostimulants.

Keel: en
Alusdokumendid: CEN/TS 17721:2022

CEN/TS 17722:2022

Plant biostimulants - Determination of mycorrhizal fungi

This document was developed to provide a horizontal method for enumeration and genera/species determination [1], [2], [3] of mycorrhizal fungi in plant biostimulants products in accordance with the EU Fertilising Products Regulation.

Keel: en
Alusdokumendid: CEN/TS 17722:2022

CEN/TS 17723:2022

Plant biostimulants - Determination of chloride

This document specifies a potentiometric method for the determination of chloride (Cl-) content in the presence or in the absence of organic material. This method is applicable to plant biostimulants.

Keel: en
Alusdokumendid: CEN/TS 17723:2022

CEN/TS 17724:2022

Plant biostimulants - Terminology

This document specifies the terms and definitions referred to all the plant biostimulant field and it is constituted by 6 subclauses: 3.1 Claims 3.2 Terms relating to components 3.3 Terms relating to application method 3.4 Terms relating to sample preparation 3.5 Terms relating to physical form 3.6 Others terms relating to plant biostimulants

Keel: en
Alusdokumendid: CEN/TS 17724:2022

EVS-EN ISO 11806-2:2022

Põllumajandus- ja metsatöömasinad. Kaasaskantavate mootoriga käsivõsalõikurite ja käsimurutrimmerite ohutusnõuded ja katsetamine. Osa 2: Seljal kantava jõuallikaga masinad
Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 2: Machines for use with backpack power unit (ISO 11806-2:2022)

This document specifies safety requirements, and measures for their verification, for the design and construction of portable, hand-held, powered brush-cutters and grass-trimmers with a backpack-mounted combustion engine power source and mechanical power transmission between the power source and the cutting attachment (hereafter referred to as “machine”). 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 document, taken together with the relevant clauses of ISO 11806-1:2021 (see 4.1), deals with all significant hazards, hazardous situations and hazardous events, with the exception of whole-body vibration from the backpack 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 backpack power unit is not available at the time of publication. NOTE 2 See Annex A, together with ISO 11806-1:2021, Annex A, for a list of significant hazards. This document is applicable to portable, hand-held, powered brush-cutters and grass-trimmers manufactured after its date of publication. This document is not applicable to machines equipped with metallic cutting attachments consisting of more than one piece, such as pivoting chains or flail blades.

Keel: en
Alusdokumendid: ISO 11806-2:2022; EN ISO 11806-2:2022
Asendab dokumenti: EVS-EN ISO 11806-2:2011

EVS-EN ISO 19472-2:2022

Metsatöömasinad. Vintsid. Osa 2: Veojõuabi vintsid
Machinery for forestry - Winches - Part 2: Traction aid winches (ISO 19472-2:2022)

This document defines the dimensions and specifies the performance and safety requirements for traction aid winches used in forestry for assisting supported machines while going uphill and downhill (pulling and braking). This document is applicable to fixed and detachable winches and their components, connections and communications, which are used with mobile and self-propelled forestry machinery as defined in ISO 6814:2009 and earth moving machinery as defined in ISO 6165:2012. It is also applicable to remote traction aid winch systems which are installed on a position away from the supported machine. In addition, this document defines requirements for the assembly of supported machine and traction aid winch. It is not applicable to winches which are not using a controlled rope force while going downhill and winches used for skidding, hoisting operations on cranes, draglines, high lead logging, rope logging systems or yarding. The kind of prime mover used to drive a traction aid winch does not limit the applicability of this document. This document is intended to be applied to traction aid systems used on machines where, without use of these systems, the machine remains stationary on slopes under its independent control (see Annex E). Forestry machines, as defined in ISO 6814:2009, that are used as anchor or supported machines are not in the scope of this document. Requirements for the safety of many types of supported machines are within the scope of ISO 11850:2011. This document is not applicable to traction aid winches manufactured before the date of its publication.

Keel: en
Alusdokumendid: ISO 19472-2:2022; EN ISO 19472-2:2022

67 TOIDUAINETE TEHNOLOOGIA

CEN/TS 17743:2022

Foodstuff - Determination of pesticide residues by ethyl acetate extraction using GC- and LC-MS/MS (SweEt)

This document specifies a method for the analysis of pesticide residues in foods of plant and of animal origin by ethyl acetate extraction using GC- and LC-MS/MS (SweEt).

Keel: en
Alusdokumendid: CEN/TS 17743:2022

75 NAFTA JA NAFTATEHNOLOOGIA

CEN/TR 17797:2022

Gas infrastructure - Consequences of hydrogen in the gas infrastructure and identification of related standardisation need in the scope of CEN/TC 234

This document is written in preparation of future standardization and provides guidance on how injection of H2 into the gas infrastructure can impact processes from the input of gas into the on-shore transmission network up to the inlet connection of gas appliances. NOTE 1 Gas infrastructure includes gas installation pipework between the delivery point of the gas and the inlet connection to the gas appliance in buildings and on industrial sites. The assessments refer to the concentrations of 2, 5, 10, 20 and up to 100 Vol.- % hydrogen in natural gas. Furthermore, it identifies the expected revision need of the existing CEN/TC 234 standards as well as the need of further new standardisation deliverables. It examines the effects on each part of the gas infrastructure in the scope of the CEN/TC 234 Working Groups 1 to 12 inclusive, based on available studies, reports and research. Due to several limitations at different hydrogen concentrations, the impacts are specified. For some specific impacts, pre-standardization research is needed. By convention, for this technical report, the injection of pure hydrogen, i. e. without trace and/or minor components is considered. Awareness is given that there is the need to consider trace and/or minor components and limits set on the gas quality on European and national level, too. The information from this report is intended to define the CEN/TC 234 work program for the coverage of H2NG in relation to the scope of the CEN/TC 234 and its WGs. NOTE 2 Progress on hydrogen will develop over time. In principle this will be reflected in the standardisation process in CEN/TC 234.

Keel: en
Alusdokumendid: CEN/TR 17797:2022

EVS-EN 16734:2022

Automotive fuels - Automotive B10 diesel fuel - Requirements and test methods

This document specifies requirements and test methods for marketed and delivered automotive B10 diesel fuel, i.e. diesel fuel containing up to 10,0 %(V/V) Fatty Acid Methyl Ester. It is applicable to fuel for use in diesel engine vehicles compatible with automotive B10 diesel fuel. NOTE 1 This product is allowed in Europe [4], but national legislation can set additional requirements or rules concerning, or even prohibiting, marketing or delivering of the product. NOTE 2 In this document, A-deviations apply (see Annex A). NOTE 3 For the purposes of this document, the terms “% (m/m)” and “% (V/V)” are used to represent respectively the mass fraction and the volume fraction.

Keel: en
Alusdokumendid: EN 16734:2022
Asendab dokumenti: EVS-EN 16734:2016+A1:2018

EVS-EN 17124:2022

Hydrogen fuel - Product specification and quality assurance for hydrogen refuelling points dispensing gaseous hydrogen - Proton exchange membrane (PEM) fuel cell applications for vehicles

Selles dokumendis määratakse kindlaks vesinikkütuse kvaliteediomadused ja vastav kvaliteedi tagamine, et tagada polümeerelektrolüütmembraaniga (PEM) kütuseelemendiga maanteesõidukite süsteemidele väljastatava vesinikutoote ühtsus.

Keel: en
Alusdokumendid: EN 17124:2022
Asendab dokumenti: EVS-EN 17124:2018

EVS-EN ISO 10423:2022

Petroleum and natural gas industries - Drilling and production equipment - Wellhead and tree equipment (ISO 10423:2022)

This document specifies requirements and gives recommendations for the performance, dimensional and functional interchangeability, design, materials, testing, inspection, welding, marking, handling, storing, shipment, and purchasing of wellhead and tree equipment for use in the petroleum and natural gas industries. This document does not apply to field use or field testing. This document does not apply to repair of wellhead and tree equipment except for weld repair in conjunction with manufacturing. This document does not apply to tools used for installation and service (e.g. running tools, test tools, wash tools, wear bushings, and lubricators). This document supplements API Spec 6A, 21st edition (2018), the requirements of which are applicable with the exceptions specified in this document.

Keel: en
Alusdokumendid: ISO 10423:2022; EN ISO 10423:2022

Asendab dokumenti: EVS-EN ISO 10423:2010

77 METALLURGIA

EVS-EN 12020-1:2022

Aluminium and aluminium alloys - Extruded precision profiles in alloys EN AW-6060 and EN AW-6063 - Part 1: Technical conditions for inspection and delivery

This document specifies technical conditions for inspection and delivery of alloys EN AW-6060 and EN AW-6063 extruded precision profiles manufactured with and without a thermal barrier (see Figures 1 and 2) and without further surface treatment. Precision profiles for which this document is applicable are distinguished from extruded profiles for general applications covered in EN 755-9 by the following characteristics: — they are designed with mostly uniform wall-thicknesses; — they are mainly used for mechanical engineering, architectural and automotive (except crash-elements) applications; — the maximum weight by meter is 10 kg/m; — the max. wall-thickness proportion (tmax/tmin) of 3,5. In the case of profiles, which, due to the complexity of their design are difficult to manufacture and specify, then special agreements between supplier and purchaser may need to be reached. NOTE The effect of the thermal barrier material on the dimensional tolerances is covered by EN 12020-2 although the actual thermal barrier material itself is not (see EN 14024).

Keel: en
Alusdokumendid: EN 12020-1:2022
Asendab dokumenti: EVS-EN 12020-1:2008

EVS-EN 14753:2022

Masinaohutus. Terase pidevvalu masinate ja seadmete ohutusnõuded
Safety of machinery - Safety requirements for machinery and equipment for continuous casting of steel

This document applies for plant (containing machinery and equipment) used in the process of continuous casting of liquid steel (hereafter referred to as continuous casting machine, CCM) as defined in 3.1. This document deals with all significant hazards, hazardous situations and events relevant to machinery and equipment for the continuous casting of steel, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). This document specifies the safety requirements to be met during design, assembly, transport, commissioning, operation, maintenance (as described in Clause 5) and decommissioning of the equipment. This document assumes that the machinery and equipment of the plant is operated and maintained by adequately trained and competent personnel (see 7.5). Manual intervention for setting, adjustment and maintenance is accepted as part of the intended use of the plant. This document assumes that the machinery is used with adequate workstation lighting conforming to EN 12464-1. National regulations regarding lighting should be considered and could differ from requirements of EN 12464-1. This document applies to: - CCM for the transformation of molten liquid steel into solid products in sections (e.g. square, rectangular, beam blank, circular); - CCM's from the point where overhead cranes or other transport systems deposit ladles to CCM (e.g. in a ladle turret, ladle car or ladle stand); - via casting process and solidification process; - via cutting and marking equipment; - thru the run-out-area where the cut product is finished, collected and removed from that area. This document does not cover safety requirements for: - horizontal-CCM for steel; - auxiliary plants (auxiliary plants that are outside of the limits of the CCM); - ladles and ladle transport; - cranes; - winches and hoists; - conveyors or handling systems; - workshop equipment (mould and segment shop, tundish workshop); - gas burners, e.g. as a part of pre-heating stations. This document can be used in case of modernization for the parts to be modernized. This document is not applicable to CCM's manufactured before the date of its publication.

Keel: en
Alusdokumendid: EN 14753:2022
Asendab dokumenti: EVS-EN 14753:2008

EVS-EN 15061:2022

Safety of machinery - Safety requirements for strip processing line machinery and equipment

This document defines the general safety requirements of strip processing lines. This document applies to: Strip processing lines for treating metal strip, from — coil take-over-point of the entry section (terminal equipment, see 3.2) through the — process (processing and terminal equipment, see 3.3 and 3.2) up to the — coil take-over-point of the exit section or interface to other lines (terminal equipment), see Figure 1. NOTE 1 The aforementioned processes can also occur in combination. If the aforementioned processes will be combined with processes which are not covered by the scope of this document, this document can be used as a guideline. NOTE 2 Thermo process equipment integrated in strip processing lines is covered by the EN 746 series. For dryers and ovens, in which flammable substances are released, EN 1539 applies. This document does not cover: — thermo process equipment, e.g. in accordance with the EN 746 series; — dryers and ovens in accordance with EN 1539; — coil transporting system before coil take-over-point at the entry section and after coil take-over-point at the exit section, e.g. hook conveyors, overhead cranes, fork lift and railway trucks and other vehicles; — acid regeneration plants; — regeneration plants which are not integral part of the strip processing line; — storage equipment for coils; — rolling mill stands (i.e. skin pass and reduction stands) according to EN 15094; — rollshop equipment; — separate process technology (e.g. compressed air system, treatment of water and treatment of rolling lubricant); — separate cleaning system for exhaust air; — firefighting systems. NOTE 3 Protection of persons in case of using asphyxiant gases used in firefighting system is covered by this document, see Annex C. This document deals with foreseeable significant hazards, hazardous situations and events relevant to strip processing lines, when used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer. It provides the requirements to be met by the manufacturer to ensure the safety of persons and property during transport, commissioning, use, de-commissioning and maintenance periods, as well as in the event of foreseeable failures or malfunctions that can occur in the equipment. For modernization, this document (type-C standard) can be applied for the part to be modernized.

Keel: en

Alusdokumendid: EN 15061:2022
Asendab dokumenti: EVS-EN 15061:2007+A1:2009

EVS-EN 15093:2022

Masinaohutus. Kuumvaltspinkide ohutusnõuded
Safety of machinery - Safety requirements for hot flat rolling mills

This document specifies the general safety requirements for hot rolling mills for flat products as defined in 3.1. This document is applicable to: Plant (machinery, equipment, devices according Annex D) used for the manufacturing of metal hot rolled flat products from the from entry (1), via the mill stands (2) with roll changing devices (6), to the exit (5) (see Figure 1). This standard does not cover: — thermo process equipment, e.g. in accordance with the EN 746 series; including furnaces of a steckel mill; — continuous casting machines according to EN 14753; — hook conveyors according to EN 619; — non-fixed load lifting attachments, e.g. according to EN 13155; — roll shop equipment; — storage equipment (e.g. high-bay warehouses); — cranes, fork lifts, trucks and railway trucks and other vehicles; — process technology (e.g. treatment of water, rolling lubricant, compressed air, etc.); — separate cleaning system for exhaust air; — firefighting system; NOTE 1 Please refer to Annex C for information regarding the special requirements for protection of persons in case of using asphyxiant gases used in firefighting system. — the design of the building, halls and civil works. This document deals with significant hazards, hazardous situations or hazardous events relevant to hot rolling mills for flat products, when it is used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer. It provides the requirements to be met by the manufacturer to ensure the safety of persons and property during transport, commissioning, operation and de-commissioning, as well as in the event of foreseeable failures or malfunctions that can occur in the equipment. NOTE 2 For modernization, this document (C-type standard) can be applied for the part to be modernized. This document is not applicable to hot rolling mills for flat products manufactured before the date of its publication.

Keel: en
Alusdokumendid: EN 15093:2022
Asendab dokumenti: EVS-EN 15093:2008

EVS-EN 851:2022

Aluminium and aluminium alloys - Circle and circle stock for the production of culinary utensils - Specifications

This document specifies the particular requirements for wrought aluminium and aluminium alloys in the form of circle or circle stock for culinary utensils applications. This document is applicable to: — circles made out of hot or cold rolled circles stock, with a thickness from 0,2 mm up to and including 12 mm and with a diameter from 100 mm up to and including 1 600 mm; NOTE Circles with a diameter up to 1 000 mm can be produced by blanking. — hot or cold-rolled circle stock with a thickness from 0,2 mm up to and including 12 mm and with a width up to 1 600 mm. This document is not applicable to slugs for impact extrusions which are dealt with in other European Standards.

Keel: en
Alusdokumendid: EN 851:2022
Asendab dokumenti: EVS-EN 851:2014

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 15013:2022

Plastics - Extruded sheets of polypropylene (PP) - Requirements and test methods (ISO 15013:2022)

This document specifies the requirements and test methods for solid flat extruded sheets of polypropylene homopolymers (PP-H) and polypropylene copolymers (PP-B and PP-R) without fillers or reinforcing materials. This document applies to PP sheet in rolled form. It applies only to thicknesses of 0,5 mm to 40 mm.

Keel: en
Alusdokumendid: ISO 15013:2022; EN ISO 15013:2022
Asendab dokumenti: EVS-EN ISO 15013:2007

EVS-EN ISO 489:2022

Plastics - Determination of refractive index (ISO 489:2022)

This document specifies two test methods for determining the refractive index of plastics, namely: — Method A: a refractometric method for measuring the refractive index of moulded parts, cast or extruded sheet or film, by means of a refractometer. It is applicable not only to isotropic transparent, translucent, coloured or opaque materials but also to anisotropic materials. — Method B: an immersion method (making use of the Becke line phenomenon) for determining the refractive index of powdered or granulated transparent materials by means of a microscope. Monochromatic light, in general, is used to avoid dispersion effects. NOTE The refractive index is a fundamental property which can be used for checking purity and composition, for the identification of materials and for the design of optical parts. The change in refractive index with temperature can give an indication of transition points of materials.

Keel: en
Alusdokumendid: ISO 489:2022; EN ISO 489:2022
Asendab dokumenti: EVS-EN ISO 489:2003

85 PABERITEHNOLOOGIA

EVS-EN ISO 638-2:2022

Paper, board, pulps and cellulosic nanomaterials - Determination of dry matter content by oven-drying method - Part 2: Suspensions of cellulosic nanomaterials (ISO 638-2:2022)

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

Keel: en
Alusdokumendid: ISO 638-2:2022; EN ISO 638-2:2022
Asendab dokumenti: EVS-EN ISO 638-2:2021

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 16925:2022

Paints and varnishes - Determination of the resistance of coatings to pressure water-jetting (ISO 16925:2021)

This document specifies a test method for the evaluation of the resistance of coatings to pressure water-jetting. The test method simulates the effects pressure water-jetting has on a coating.

Keel: en
Alusdokumendid: ISO 16925:2021; EN ISO 16925:2022
Asendab dokumenti: EVS-EN ISO 16925:2014

EVS-EN ISO 8130-4:2022

Coating powders - Part 4: Calculation of lower explosion limit (ISO 8130-4:2021)

This document specifies a method for the calculation of the lower explosion limit of a coating powder, i.e. the minimum concentration of the coating powder in air which will form an explosive mixture. It is based on the measurement of the gross calorific value of the product, as determined by the method described in ISO 1928.

Keel: en
Alusdokumendid: ISO 8130-4:2021; EN ISO 8130-4:2022
Asendab dokumenti: EVS-EN ISO 8130-4:2010

91 EHITUSMATERJALID JA EHITUS

CEN ISO/TR 52120-2:2022

Energy performance of buildings - Contribution of building automation, controls and building management - Part 2: Explanation and justification of ISO 52120-1 (ISO/TR 52120-2:2021)

This document contains information to support the correct understanding, use and adoption of ISO 52120-1.

Keel: en
Alusdokumendid: ISO/TR 52120-2:2021; CEN ISO/TR 52120-2:2022
Asendab dokumenti: CEN/TR 15232-2:2016

EVS 835:2022

Hoone veevärk
Water supply systems inside buildings

See standard kehtib hoone veevärkidele, mis on ühendatud ühisveevärgiga või kohaliku veevarustusallikaga. Hoone veevärgi all mõistetakse hoonesisest külma- ja soojaveetorustikku koos toruarmatuuriga, veevarustusseadmeid ja maa-alust veetoru hoone piires kuni vundamendini (vt joonis 1.1). Standardi nõudeid tuleb täita nii uue hoone veevärgi projekteerimisel, paigaldamisel ja katsetamisel kui ka olemasolevate veevärkide remondil ja ümberehitusel.

Keel: et
Asendab dokumenti: EVS 835:2014

EVS 921:2022

Veevarustuse välisvõrk
Water supply systems outside buildings

See Eesti standard on rakendatav omandivormist sõltumata veevarustuse välisvõrkudele, sealhulgas veevõrgule alates veetöötlusjaamast või puurkaev-pumplast kuni hoonete välisseinani. Standard on alus veevõrgu projekteerimisel, veetorustike dimensioonimisel ja pumpade ning teiste abiseadmete valimisel ning on kasutatav nii uue veevõrgu rajamisel kui ka olemasoleva veevõrgu laiendamisel ja ümberehitamisel. Standardis määratakse kindlaks funktsionaalsed nõuded veevarustuse

välisvõrgule planeerimise, projekteerimise, ehitamise, käitamise, hoolduse ja ekspluatatsiooni asjus ning tegevused nõuete täitmiseks. Veekäitluses sisaldub veehaare, veetöötlus, vee säilitamine ja edastamine (veevarustuse välisvõrk/ jaotamine) tarbijale (vt joonis 1). Veehaarde-veeallika valikul juhinduda asjakohastest õigusaktidest ja standardist EVS 847-1, vee töötlemisel juhinduda standardist EVS 847-2, vee jaotamisel tarbijale juhinduda asjakohastest õigusaktidest ning standarditest EVS 921 ja EVS 835.

Keel: et
Asendab dokumenti: EVS 921:2014

EVS-EN 17468-2:2022

Fibre-cement products - Determination of pull through and shear resistance and bending strength calculations - Part 2: Profiled sheets

This document specifies test methods for pull through (tension/compression testing for fasteners through the sheets) and shear resistance of fibre-cement profiled sheets according to EN 494. The results are only applicable to the fibre-cement product and not to the complete fixing assembly. It applies only to products as delivered. The field of application for pull through resistance is defined in 7.6. The field of application for shear resistance is defined in 8.6. NOTE For design purposes of fibre-cement profiled sheets in the final application, the failure modes pull-out and breaking of the fixings or substructure are not in the scope of this standard. They might become decisive and need to be tested or calculated according to the relevant design standards for fixings (e.g. Eurocode 3 for steel, Eurocode 5 for wood and Eurocode 9 for aluminium substructures) and compared with the results for pull-through and shear resistance.

Keel: en
Alusdokumendid: EN 17468-2:2022

EVS-EN ISO 52120-1:2022

Energy performance of buildings - Contribution of building automation, controls and building management - Part 1: General framework and procedures (ISO 52120-1:2021)

This document specifies: - a structured list of control, building automation and technical building management functions which contribute to the energy performance of buildings; functions have been categorized and structured according to building disciplines and building automation and control (BAC); - a method to define minimum requirements or any specification regarding the control, building automation and technical building management functions contributing to energy efficiency of a building to be implemented in building of different complexities; - a factor-based method to get a first estimation of the effect of these functions on typical buildings types and use profiles; - detailed methods to assess the effect of these functions on a given building.

Keel: en
Alusdokumendid: ISO 52120-1:2021; EN ISO 52120-1:2022
Asendab dokumenti: EVS-EN 15232-1:2017

93 RAJATISED

EVS-EN 16933-1:2022

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 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 document specifies requirements for the layout of drain and sewer systems.

Keel: en
Alusdokumendid: EN 16933-1:2022

EVS-EN ISO 17892-12:2018/A2:2022

Geotechnical investigation and testing - Laboratory testing of soil - Part 12: Determination of liquid and plastic limits - Amendment 2 (ISO 17892-12:2018/Amd 2:2022)

Amendment to EN ISO 17892-12:2018

Keel: en
Alusdokumendid: ISO 17892-12:2018/Amd 2:2022; EN ISO 17892-12:2018/A2:2022
Muudab dokumenti: EVS-EN ISO 17892-12:2018

EVS-EN ISO 17892-12:2018+A1+A2:2022

Geotechnical investigation and testing - Laboratory testing of soil - Part 12: Determination of liquid and plastic limits (ISO 17892-12:2018 + ISO 17892-12:2018/Amd 1:2021 + ISO 17892-12:2018/Amd 2:2022)

This document specifies methods for the determination of the liquid and plastic limits of a soil. These comprise two of the Atterberg limits for soils. The liquid limit is the water content at which a soil changes from the liquid to the plastic state. This document describes the determination of the liquid limit of a specimen of natural soil, or of a specimen of soil from which material larger than about 0,4 mm has been removed. This document describes two methods: the fall cone method and the Casagrande method. NOTE The fall cone method in this document should not be confused with that of ISO 17892-6. The plastic limit of a soil is the water content at which a soil ceases to be plastic when dried further. The determination of the plastic limit is

normally made in conjunction with the determination of the liquid limit. It is recognized that the results of the test are subject to the judgement of the operator, and that some variability in results will occur.

Keel: en
Alusdokumendid: ISO 17892-12:2018; EN ISO 17892-12:2018; ISO 17892-12:2018/Amd 1:2021; EN ISO 17892-12:2018/A1:2021; ISO 17892-12:2018/Amd 2:2022; EN ISO 17892-12:2018/A2:2022
Konsolideerib dokumenti: EVS-EN ISO 17892-12:2018
Konsolideerib dokumenti: EVS-EN ISO 17892-12:2018/A1:2021
Konsolideerib dokumenti: EVS-EN ISO 17892-12:2018/A2:2022

97 OLME. MEELELAHUTUS. SPORT

CEN/TS 16209:2022
Furniture - Classification for properties for furniture surfaces

This document specifies a system for the classification of the resistance to: — Dry heat; — Wet heat; — Cold liquids; — Abrasion; — Scratching; — Microscratching. The classification applies to foils, laminates, melamine faced boards, pigmented and transparent lacquers. The classification for the resistance to cold liquids also applies to oils and waxes. The following classification does not apply to leather surfaces.

Keel: en
Alusdokumendid: CEN/TS 16209:2022
Asendab dokumenti: CEN/TS 16209:2011

EVS-EN 17467:2022
Surfaces for sports areas - Test method for the determination of the residual deformation of synthetic or organic infill granules after static load

This document specifies a test method for the determination of the residual deformation and visual inspection of synthetic or organic granules used in synthetic turf for sports surfaces after static load.

Keel: en
Alusdokumendid: EN 17467:2022

EVS-EN 60730-1:2016/A2:2022
Elektrilised automaatjuhtimisseadmed. Osa 1: Üldnõuded
Automatic electrical controls - Part 1: General requirements

Amendment to EN 60730-1:2016

Keel: en
Alusdokumendid: IEC 60730-1:2013/A2:2020; EN 60730-1:2016/A2:2022
Muudab dokumenti: EVS-EN 60730-1:2016

EVS-EN IEC 60335-2-82:2022
Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-82: Erinõuded lõbustusmasinatele ja teenindusmasinatele
Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines

IEC 60335-2-82:2017(E) deals with the safety of electric commercial amusement machines and personal service machines, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. Examples of appliances that are within the scope of this standard are: amusement machines; tables; bowling machines; dartboards; driving simulators; gaming machines; kiddie rides; laser shooting appliances; pinball machines; video games; personal service machines; card re-value machines; currency dispensers; luggage lockers; weighing machines; shoe shining appliances. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by users and maintenance persons. For appliances intended to be used in vehicles or on board ships or aircraft, additional requirements may be necessary; This standard does not apply to appliances intended exclusively for household use; appliances intended exclusively for industrial purposes; appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas); appliances for washing cars; dispensing appliances and vending machines (IEC 60335-2-75); appliances within the scope of IEC 60065, such as jukeboxes and household video games; appliances within the scope of IEC 60950-1, such as copying machines, ticket machines and automatic teller machines; appliances intended to be used when a trained attendant is present, such as virtual reality systems; equipment intended exclusively for fairgrounds, such as carousels; self-balancing personal transport devices. This third edition cancels and replaces the second edition published in 2002 including its Amendment 1 (2008) and its Amendment 2 (2015). This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - It is clarified that 22.44 is not applicable to amusement machines; - Modified some Notes to make them normative text (5.6, 11.2, 11.8, 15.2.101, 15.2.102, 15.2.104, 15.3, 19.4, 19.101, 24.101, 24.102) and - Reference to 22.106 is made in Annex R. This publication has been drafted in accordance with the ISO/IEC Directives, Part 2. This part 2-82 is to be used in conjunction with the latest edition of IEC 60335-1 and its amendments. It was established on the basis of IEC 60335-1:2010, its Amendment 1:2013 and its Amendment 2:2016. The attention of National Committees is drawn to the fact that equipment manufacturers and testing organizations may need a transitional period following publication of a new, amended or revised IEC publication in which to make products in accordance with the new requirements and to equip themselves for conducting new or revised tests. It is the recommendation of the committee that the content of this publication be adopted for implementation nationally not earlier than 12 months or later than 36 months from the date of publication.

Keel: en
Alusdokumendid: IEC 60335-2-82:2017; EN IEC 60335-2-82:2022
Asendab dokumenti: EVS-EN 60335-2-82:2003
Asendab dokumenti: EVS-EN 60335-2-82:2003/A1:2008
Asendab dokumenti: EVS-EN 60335-2-82:2003/A2:2020

EVS-EN ISO 20126:2022

Dentistry - Manual toothbrushes - General requirements and test methods (ISO 20126:2022)

This document specifies requirements and test methods for the physical properties of manual toothbrushes in order to promote the safety of these products for their intended use. This document does not specify any requirements and test methods for the physical properties of toothbrushes for which all the cleaning elements in the head are elastomer. This document does not apply to manual single tuft toothbrushes, single use, interdental and powered oral hygiene devices. These types of oral hygiene products are evaluated for their safety in-use by appropriate test methods or clinical trials. In addition, for the filaments end-rounding requirements, this document does not apply to particular filament types which are very thin (less than 0,1 mm outside diameter) or have no sharp edges (e.g. tapered, feathered, with split tips, or spherical cap) or non-synthetic filaments, where applying end-rounding process is inappropriate or impossible. These types of manual toothbrushes are evaluated for their safety in-use by appropriate test methods or clinical trials appropriately.

Keel: en
Alusdokumendid: ISO 20126:2022; EN ISO 20126:2022
Asendab dokumenti: EVS-EN ISO 20126:2012
Asendab dokumenti: EVS-EN ISO 20126:2012/A1:2018

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 15602:2008
Security service providers - Terminology

Keel: en
Alusdokumendid: EN 15602:2008
Asendatud järgmise dokumendiga: EVS-EN 15602:2022
Standardi staatus: Kehtetu

EVS-EN ISO 10209:2012
Technical product documentation - Vocabulary - Terms relating to technical drawings, product definition and related documentation (ISO 10209:2012)

Keel: en
Alusdokumendid: ISO 10209:2012; EN ISO 10209:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 10209:2022
Standardi staatus: Kehtetu

EVS-EN ISO 2080:2009
Metallic and other inorganic coatings - Surface treatment, metallic and other inorganic coatings - Vocabulary

Keel: en
Alusdokumendid: ISO 2080:2008; EN ISO 2080:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 2080:2022
Standardi staatus: Kehtetu

EVS-EN ISO 772:2011
Hydrometry - Vocabulary and symbols (ISO 772:2011)

Keel: en
Alusdokumendid: ISO 772:2011; EN ISO 772:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 772:2022
Standardi staatus: Kehtetu

EVS-ISO 23081-2:2011
Informatsioon ja dokumentatsioon. Dokumendihaldusprotsessid. Dokumentide metaandmed. Osa 2: Kontseptuaalsed ja rakenduslikud küsimused
Information and documentation - Records management processes - Metadata for records - Part 2: Conceptual and implementation issues

Keel: en, et
Alusdokumendid: ISO 23081-2:2009
Asendatud järgmise dokumendiga: EVS-ISO 23081-2:2022
Standardi staatus: Kehtetu

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

EVS-EN 15602:2008
Security service providers - Terminology

Keel: en
Alusdokumendid: EN 15602:2008
Asendatud järgmise dokumendiga: EVS-EN 15602:2022
Standardi staatus: Kehtetu

EVS-EN ISO 9712:2012
Mittepurustav katsetamine. MPK personali kvalifitseerimine ja sertifitseerimine
Non-destructive testing - Qualification and certification of NDT personnel (ISO 9712:2012)

Keel: en, et
Alusdokumendid: ISO 9712:2012; EN ISO 9712:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 9712:2022
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN ISO 15002:2008/A1:2019
Meditsiinilise gaasi torusüsteemide liitmikega ühendatavad voolamise mõõteseadmed. Muudatus 1
Flow-metering devices for connection to terminal units of medical gas pipeline systems - Amendment 1 (ISO 15002:2008/Amd 1:2018)

Keel: en
Alusdokumendid: ISO 15002:2008/Amd 1:2018; EN ISO 15002:2008/A1:2019
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN ISO/TS 8662-11:2004
Hand-held portable power tools - Measurement of vibrations at the handle - Part 11: Fastener driving tools (ISO 8662-11:1999 + Amd. 1:2001)

Keel: en
Alusdokumendid: ISO 8662-11:1999+A1:2001; CEN ISO/TS 8662-11:2004+AC:2004
Asendatud järgmise dokumendiga: EVS-EN ISO 28927-13:2022
Standardi staatus: Kehtetu

EVS 614:2008
Teemärgised ja nende kasutamine
Traffic markings - Application

Keel: et
Asendatud järgmise dokumendiga: EVS 614:2022
Muudetud järgmise dokumendiga: EVS 614:2008/A1:2016
Standardi staatus: Kehtetu

EVS 614:2008/A1:2016
Teemärgised ja nende kasutamine
Traffic markings - Application

Keel: et
Asendatud järgmise dokumendiga: EVS 614:2022
Standardi staatus: Kehtetu

EVS 835:2014
Hoone veevärk
Water supply systems inside buildings

Keel: et
Asendatud järgmise dokumendiga: EVS 835:2022
Standardi staatus: Kehtetu

EVS 921:2014
Veevarustuse välisvõrk
Water supply systems outside buildings

Keel: et
Asendatud järgmise dokumendiga: EVS 921:2022
Standardi staatus: Kehtetu

EVS-EN 15602:2008
Security service providers - Terminology

Keel: en
Alusdokumendid: EN 15602:2008
Asendatud järgmise dokumendiga: EVS-EN 15602:2022
Standardi staatus: Kehtetu

EVS-EN 60335-2-82:2003/A2:2020
Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 2-82: Erinõuded teenindusmasinatele ja lõbustusmasinatele
Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines

Keel: en
Alusdokumendid: IEC 60335-2-82:2002/A2:2015; EN 60335-2-82:2003/A2:2020
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-82:2022
Standardi staatus: Kehtetu

EVS-EN ISO 10304-4:2001

Water quality - Determination of dissolved anions by liquid chromatography of ions - Part 4: Determination of chlorate, chloride and chlorite in water with low contamination

Keel: en
Alusdokumendid: ISO 10304-4:1997; EN ISO 10304-4:1999
Asendatud järgmise dokumendiga: EVS-EN ISO 10304-4:2022
Standardi staatus: Kehtetu

EVS-EN ISO 20345:2011

Isikukaitsevahendid. Kaitsejalanõud (ISO 20345:2011)
Personal protective equipment - Safety footwear (ISO 20345:2011)

Keel: en
Alusdokumendid: ISO 20345:2011; EN ISO 20345:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 20345:2022
Standardi staatus: Kehtetu

EVS-EN ISO 20346:2014

Isikukaitsevahendid. Kaitsejalatsid
Personal protective equipment - Protective footwear (ISO 20346:2014)

Keel: en
Alusdokumendid: ISO 20346:2014; EN ISO 20346:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 20346:2022
Standardi staatus: Kehtetu

EVS-EN ISO 20347:2012

Isikukaitsevahendid. Tööjalatsid (ISO 20347:2012)
Personal protective equipment - Occupational footwear (ISO 20347:2012)

Keel: en
Alusdokumendid: ISO 20347:2012; EN ISO 20347:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 20347:2022
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN ISO 772:2011

Hydrometry - Vocabulary and symbols (ISO 772:2011)

Keel: en
Alusdokumendid: ISO 772:2011; EN ISO 772:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 772:2022
Standardi staatus: Kehtetu

19 KATSETAMINE

EVS-EN ISO 9712:2012

Mittepurustav katsetamine. MPK personali kvalifitseerimine ja sertifitseerimine
Non-destructive testing - Qualification and certification of NDT personnel (ISO 9712:2012)

Keel: en, et
Alusdokumendid: ISO 9712:2012; EN ISO 9712:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 9712:2022
Standardi staatus: Kehtetu

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN 15427:2008+A1:2010

Raudteealased rakendused. Ratta/rööpa vahelise hõõrdumise seire. Rattaharja õlitamine KONSOLIDEERITUD TEKST
Railway applications - Wheel/rail friction management - Flange lubrication CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 15427:2008+A1:2010
Asendatud järgmise dokumendiga: EVS-EN 15427-1-1:2022
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

CR 14378:2009
Ventilation for buildings - Experimental determination of mechanical energy loss coefficients of air handling components

Keel: en
Alusdokumendid: CR 14378:2002
Parandatud järgmise dokumendiga: CR 14378:2009/AC:2013
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

CEN ISO/TS 8662-11:2004
Hand-held portable power tools - Measurement of vibrations at the handle - Part 11: Fastener driving tools (ISO 8662-11:1999 + Amd. 1:2001)

Keel: en
Alusdokumendid: ISO 8662-11:1999+A1:2001; CEN ISO/TS 8662-11:2004+AC:2004
Asendatud järgmise dokumendiga: EVS-EN ISO 28927-13:2022
Standardi staatus: Kehtetu

EVS-EN 12732:2013+A1:2014
Gaasivarustussüsteemid. Terastorustiku keevitamine. Talitluslikud nõuded
Gas infrastructure - Welding steel pipework - Functional requirements

Keel: en, et
Alusdokumendid: EN 12732:2013+A1:2014
Asendatud järgmise dokumendiga: EVS-EN 12732:2022
Standardi staatus: Kehtetu

EVS-EN ISO 2080:2009
Metallic and other inorganic coatings - Surface treatment, metallic and other inorganic coatings - Vocabulary

Keel: en
Alusdokumendid: ISO 2080:2008; EN ISO 2080:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 2080:2022
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12975-1:2006+A1:2010
Thermal solar systems and components - Solar collectors - Part 1: General requirements CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 12975-1:2006+A1:2010
Asendatud järgmise dokumendiga: EVS-EN 12975:2022
Standardi staatus: Kehtetu

EVS-EN 17124:2018
Vesinikkütus. Toote spetsifikatsioon ja kvaliteedi tagamine. Polümeerelektrolüütmembraaniga (PEM) kütuseelemendi rakendused maanteesõidukitele
Hydrogen fuel - Product specification and quality assurance - Proton exchange membrane (PEM) fuel cell applications for road vehicles

Keel: en, et
Alusdokumendid: EN 17124:2018
Asendatud järgmise dokumendiga: EVS-EN 17124:2022
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 50341-2-22:2016
Overhead electrical lines exceeding AC 1 kV - Part 2-22: National Normative Aspects (NNA) for Poland (based on EN 50341-1:2012)

Keel: en
Alusdokumendid: EN 50341-2-22:2016
Asendatud järgmise dokumendiga: EVS-EN 50341-2-22:2022
Standardi staatus: Kehtetu

EVS-EN 50522:2010
Üle 1 kV nimivahelduvpingega tugevvoolupaigaldiste maandamine
Earthing of power installations exceeding 1 kV a.c.

Keel: en, et
Alusdokumendid: EN 50522:2010
Asendatud järgmise dokumendiga: EVS-EN 50522:2022
Standardi staatus: Kehtetu

EVS-EN 60034-7:2001
Pöörlevad elektrimasinad. Osa 7: Konstruktiivsete tüüpide ja paigaldamisviiside klassifikatsioon (IM-kood)
Rotating electrical machines - Part 7: Classification of types of construction and mounting arrangements (IM code)

Keel: en
Alusdokumendid: IEC 34-7:1992; EN 60034-7:1993
Asendatud järgmise dokumendiga: EVS-EN IEC 60034-7:2022
Muudetud järgmise dokumendiga: EVS-EN 60034-7:2001/A1:2002
Standardi staatus: Kehtetu

EVS-EN 60034-7:2001/A1:2002
Pöörlevad elektrimasinad. Osa 7: Konstruktiivsete tüüpide ja paigaldamisviiside klassifikatsioon (IM-kood)
Amendment 1 Rotating electrical machines - Part 7: Classification of types of construction, mounting arrangements and terminal box position (IM Code)

Keel: en
Alusdokumendid: IEC 60034-7:1993/A1:2001; EN 60034-7:1993/A1:2001
Asendatud järgmise dokumendiga: EVS-EN IEC 60034-7:2022
Standardi staatus: Kehtetu

EVS-EN IEC 62442-1:2018
Energy performance of lamp controlgear - Part 1: Controlgear for fluorescent lamps - Method of measurement to determine the total input power of controlgear circuits and the efficiency of the controlgear

Keel: en
Alusdokumendid: EN IEC 62442-1:2018; IEC 62442-1:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 62442-1:2022
Standardi staatus: Kehtetu

EVS-EN IEC 62442-2:2018
Energy performance of lamp controlgear - Part 2: Controlgear for high intensity discharge lamps (excluding fluorescent lamps) - Method of measurement to determine the efficiency of controlgear

Keel: en
Alusdokumendid: IEC 62442-2:2018; EN IEC 62442-2:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 62442-2:2022
Parandatud järgmise dokumendiga: EVS-EN IEC 62442-2:2018/AC:2018
Standardi staatus: Kehtetu

EVS-EN IEC 62442-2:2018/AC:2018
Energy performance of lamp controlgear - Part 2: Controlgear for high intensity discharge lamps (excluding fluorescent lamps) - Method of measurement to determine the efficiency of controlgear

Keel: en

Alusdokumendid: EN IEC 62442-2:2018/AC:2018-12
Asendatud järgmise dokumendiga: EVS-EN IEC 62442-2:2022
Standardi staatus: Kehtetu

EVS-EN IEC 62442-3:2018

Energy performance of lamp controlgear - Part 3: Controlgear for tungsten-halogen lamps and LED light sources - Method of measurement to determine the efficiency of controlgear

Keel: en
Alusdokumendid: IEC 62442-3:2018; EN IEC 62442-3:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 62442-3:2022
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN IEC 60512-99-002:2019

Connectors for electrical and electronic equipment - Tests and measurements - Part 99-002: Endurance test schedules - Test 99b: Test schedule for unmating under electrical load

Keel: en
Alusdokumendid: IEC 60512-99-002:2019; EN IEC 60512-99-002:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 60512-99-002:2022
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 61300-3-33:2012

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-33: Examinations and measurements - Withdrawal force from a resilient alignment sleeve using gauge pins

Keel: en
Alusdokumendid: IEC 61300-3-33:2012; EN 61300-3-33:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 61300-3-33:2022
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CEN ISO/TS 13972:2015

Health informatics - Detailed clinical models, characteristics and processes (ISO/TS 13972:2015)

Keel: en
Alusdokumendid: ISO/TS 13972:2015; CEN ISO/TS 13972:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 13972:2022
Standardi staatus: Kehtetu

CEN/TR 15232-2:2016

Hoonete energiatõhusus. Osa 2: Kaasnev tehniline aruanne TR prEN 15232-1:2015. Moodulid M10-4,5,6,7,8,9,10
Energy performance of buildings - Part 2: Accompanying TR prEN 15232-1:2015 - Modules M10-4,5,6,7,8,9,10

Keel: en
Alusdokumendid: CEN/TR 15232-2:2016
Asendatud järgmise dokumendiga: CEN ISO/TR 52120-2:2022
Standardi staatus: Kehtetu

EVS-ISO 18626:2019

Informatsioon ja dokumentatsioon. Raamatukogudevahelised laenutustoimingud
Information and documentation - Interlibrary Loan Transactions (ISO 18626:2017, identical)

Keel: en
Alusdokumendid: ISO 18626:2017
Asendatud järgmise dokumendiga: EVS-ISO 18626:2022
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 15427:2008+A1:2010

Raudteealased rakendused. Ratta/rööpa vahelise hõõrdumise seire. Rattaharja õlitamine KONSOLIDEERITUD TEKST
Railway applications - Wheel/rail friction management - Flange lubrication CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 15427:2008+A1:2010
Asendatud järgmise dokumendiga: EVS-EN 15427-1-1:2022
Standardi staatus: Kehtetu

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN ISO 10087:2019

Väikelaevad. Laevakere tuvastamine. Kodeerimissüsteem
Small craft - Craft identification - Coding system (ISO 10087:2019)

Keel: en
Alusdokumendid: ISO 10087:2019; EN ISO 10087:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 10087:2022
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 4641-301:2011

Aerospace series - Cables, optical 125 µm diameter cladding - Part 301: Tight structure 50/125 µm GI fibre nominal 1,8 mm outside diameter - Product standard

Keel: en
Alusdokumendid: EN 4641-301:2011
Asendatud järgmise dokumendiga: EVS-EN 4641-301:2022
Standardi staatus: Kehtetu

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN 15512:2020

Steel static storage systems - Adjustable pallet racking systems - Principles for structural design

Keel: en
Alusdokumendid: EN 15512:2020
Asendatud järgmise dokumendiga: EVS-EN 15512:2020+A1:2022
Standardi staatus: Kehtetu

65 PÕLLUMAJANDUS

EVS-EN ISO 11806-2:2011

Põllumajandus- ja metsatöömasinad. Kaasaskantavate mootoriga käsivõsalõikurite ja käsimurutrimmerite ohutusnõuded ja katsetamine. Osa 2: Seljal kantava jõuallikaga masinad
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 11806-2:2011)

Keel: en
Alusdokumendid: ISO 11806-2:2011; EN ISO 11806-2:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 11806-2:2022
Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

CWA 16255:2010

Meat raw materials obtained by deboning - Assessment of the muscle fibre structure - Pork, poultry and rabbit

Keel: en
Alusdokumendid: CWA 16255:2010

Standardi staatus: Kehtetu

71 KEEMILINE TEHNOLOOGIA

EVS-EN 17124:2018
Vesinikkütus. Toote spetsifikatsioon ja kvaliteedi tagamine. Polümeerelektrolüütmembraaniga (PEM) kütuseelemendi rakendused maanteesõidukitele
Hydrogen fuel - Product specification and quality assurance - Proton exchange membrane (PEM) fuel cell applications for road vehicles

Keel: en, et
Alusdokumendid: EN 17124:2018
Asendatud järgmise dokumendiga: EVS-EN 17124:2022
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

CR 13837:2000
Automotive diesel fuels - Determination of filtrability - SFPP method

Keel: en
Alusdokumendid: CR 13837:2000
Standardi staatus: Kehtetu

CR 13838:2000
Automotive diesel fuels - Determination of filtrability - AGELFI method

Keel: en
Alusdokumendid: CR 13838:2000
Standardi staatus: Kehtetu

CR 13839:2000
Petroleum products - Determination of aromaticity - 13C nuclear magnetic resonance (NMR) spectrometric method

Keel: en
Alusdokumendid: CR 13839:2000
Standardi staatus: Kehtetu

CR 13840:2000
Petroleum products - Determination of polycyclic aromatic hydrocarbons - Ultraviolet (UV) spectrometric method

Keel: en
Alusdokumendid: CR 13840:2000
Standardi staatus: Kehtetu

EVS-EN 16734:2016+A1:2018
Automotive fuels - Automotive B10 diesel fuel - Requirements and test methods

Keel: en
Alusdokumendid: EN 16734:2016+A1:2018
Asendatud järgmise dokumendiga: EVS-EN 16734:2022
Standardi staatus: Kehtetu

EVS-EN ISO 10423:2010
Petroleum and natural gas industries - Drilling and production equipment - Wellhead and christmas tree equipment

Keel: en
Alusdokumendid: ISO 10423:2009; EN ISO 10423:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 10423:2022
Standardi staatus: Kehtetu

77 METALLURGIA

CR 10313:2000
Classification of grades of steel - Examples of classification related to European Standards

Keel: en
Alusdokumendid: CR 10313:2000

Standardi staatus: Kehtetu

EVS-EN 12020-1:2008

Aluminium and aluminium alloys - Extruded precision profiles in alloys EN AW-6060 and EN AW-6063 - Part 1: Technical conditions for inspection and delivery

Keel: en
Alusdokumendid: EN 12020-1:2008
Asendatud järgmise dokumendiga: EVS-EN 12020-1:2022
Standardi staatus: Kehtetu

EVS-EN 14753:2008

Masinaohutus. Ohutusnõuded terase pidevvalu seadmetele ja masinatele
Safety of machinery - Safety requirements for machinery and equipment for the continuous casting of steel

Keel: en
Alusdokumendid: EN 14753:2007
Asendatud järgmise dokumendiga: EVS-EN 14753:2022
Standardi staatus: Kehtetu

EVS-EN 15061:2007+A1:2009

Masinaohutus. Valumasinate ja seadmete ohutusnõuded KONSOLIDEERITUD TEKST
Safety of Machinery - Safety requirements for strip processing line machinery and equipment CONSOLIDATED TEXT

Keel: en
Alusdokumendid: EN 15061:2007+A1:2008
Asendatud järgmise dokumendiga: EVS-EN 15061:2022
Standardi staatus: Kehtetu

EVS-EN 15093:2008

Masinate ohutus. Kuumvaltsimisseadmete ohutusnõuded
Safety of Machinery - Safety requirements for hot flat rolling mills

Keel: en
Alusdokumendid: EN 15093:2008
Asendatud järgmise dokumendiga: EVS-EN 15093:2022
Standardi staatus: Kehtetu

EVS-EN 851:2014

Aluminium and aluminium alloys - Circle and circle stock for the production of culinary utensils - Specifications

Keel: en
Alusdokumendid: EN 851:2014
Asendatud järgmise dokumendiga: EVS-EN 851:2022
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 15013:2007

Plastics - Extruded sheets of polypropylene (PP) - Requirements and test methods

Keel: en
Alusdokumendid: ISO 15013:2007; EN ISO 15013:2007
Asendatud järgmise dokumendiga: EVS-EN ISO 15013:2022
Standardi staatus: Kehtetu

EVS-EN ISO 489:2003

Plastics - Determination of refractive index

Keel: en
Alusdokumendid: ISO 489:1999; EN ISO 489:1999
Asendatud järgmise dokumendiga: EVS-EN ISO 489:2022
Standardi staatus: Kehtetu

85 PABERITEHNOLOOGIA

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

Keel: en
Alusdokumendid: ISO 638-2:2021; EN ISO 638-2:2021
Asendatud järgmise dokumendiga: EVS-EN ISO 638-2:2022
Standardi staatus: Kehtetu

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 16925:2014
Paints and varnishes - Determination of the resistance of coatings to pressure water-jetting (ISO 16925:2014)

Keel: en
Alusdokumendid: ISO 16925:2014; EN ISO 16925:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 16925:2022
Standardi staatus: Kehtetu

EVS-EN ISO 8130-4:2010
Coating powders - Part 4: Calculation of lower explosion limit

Keel: en
Alusdokumendid: ISO 8130-4:1992, including Cor 1:1993; EN ISO 8130-4:2010
Asendatud järgmise dokumendiga: EVS-EN ISO 8130-4:2022
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

CEN/TR 15232-2:2016
Hoonete energiatõhusus. Osa 2: Kaasnev tehniline aruanne TR prEN 15232-1:2015. Moodulid M10-4,5,6,7,8,9,10
Energy performance of buildings - Part 2: Accompanying TR prEN 15232-1:2015 - Modules M10-4,5,6,7,8,9,10

Keel: en
Alusdokumendid: CEN/TR 15232-2:2016
Asendatud järgmise dokumendiga: CEN ISO/TR 52120-2:2022
Standardi staatus: Kehtetu

CR 245:1986
Thermal insulation - Classification of building materials according to their thermal insulation properties

Keel: en
Alusdokumendid: CR 245:1986
Standardi staatus: Kehtetu

CWA 14646:2003
Requirements for the installation of post-tensioning kits for prestressing of structures and qualification of the specialist company and its personnel

Keel: en
Alusdokumendid: CWA 14646:2003
Standardi staatus: Kehtetu

EVS 835:2014
Hoone veevärk
Water supply systems inside buildings

Keel: et
Asendatud järgmise dokumendiga: EVS 835:2022
Standardi staatus: Kehtetu

EVS 921:2014
Veevarustuse välisvõrk
Water supply systems outside buildings

Keel: et
Asendatud järgmise dokumendiga: EVS 921:2022
Standardi staatus: Kehtetu

EVS-EN 15232-1:2017
Hoonete energiatõhusus. Osa 1: Hoone automaatika, juhtseadmete ja hoonehalduse toime. Moodulid M10-4,5,6,7,8,9,10
Energy Performance of Buildings - Energy performance of buildings - Part 1: Impact of Building Automation, Controls and Building Management - Modules M10-4,5,6,7,8,9,10

Keel: en
Alusdokumendid: EN 15232-1:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 52120-1:2022
Standardi staatus: Kehtetu

93 RAJATISED

CWA 16387:2011
Clean Harbours - Guidelines

Keel: en
Alusdokumendid: CWA 16387:2011
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

CEN/TR 15232-2:2016
Hoonete energiatõhusus. Osa 2: Kaasnev tehniline aruanne TR prEN 15232-1:2015. Moodulid M10-4,5,6,7,8,9,10
Energy performance of buildings - Part 2: Accompanying TR prEN 15232-1:2015 - Modules M10-4,5,6,7,8,9,10

Keel: en
Alusdokumendid: CEN/TR 15232-2:2016
Asendatud järgmise dokumendiga: CEN ISO/TR 52120-2:2022
Standardi staatus: Kehtetu

CEN/TS 16209:2011
Mööbel. Mööblipindade omaduste liigitus
Furniture - Classification for properties for furniture surfaces

Keel: en
Alusdokumendid: CEN/TS 16209:2011
Asendatud järgmise dokumendiga: CEN/TS 16209:2022
Standardi staatus: Kehtetu

EVS-EN 15232-1:2017
Hoonete energiatõhusus. Osa 1: Hoone automaatika, juhtseadmete ja hoonehalduse toime. Moodulid M10-4,5,6,7,8,9,10
Energy Performance of Buildings - Energy performance of buildings - Part 1: Impact of Building Automation, Controls and Building Management - Modules M10-4,5,6,7,8,9,10

Keel: en
Alusdokumendid: EN 15232-1:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 52120-1:2022
Standardi staatus: Kehtetu

EVS-EN 60335-2-82:2003
Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-82: Erinõuded teenindusmasinatele ja lõbustusmasinatele
Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines

Keel: en
Alusdokumendid: IEC 60335-2-82:2002; EN 60335-2-82:2003
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-82:2022
Muudetud järgmise dokumendiga: EVS-EN 60335-2-82:2003/A1:2008
Muudetud järgmise dokumendiga: EVS-EN 60335-2-82:2003/A2:2020
Standardi staatus: Kehtetu

EVS-EN 60335-2-82:2003/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-82: Erinõuded teenindusmasinatele ja lõbustusmasinatele
Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines

Keel: en
Alusdokumendid: IEC 60335-2-82:2002/A1:2008; EN 60335-2-82:2003/A1:2008
Asendatud järgmise dokumendiga: EVS-EN IEC 60335-2-82:2022
Standardi staatus: Kehtetu

EVS-EN ISO 20126:2012

Dentistry - Manual toothbrushes - General requirements and test methods (ISO 20126:2012)

Keel: en
Alusdokumendid: ISO 20126:2012; EN ISO 20126:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 20126:2022
Muudetud järgmise dokumendiga: EVS-EN ISO 20126:2012/A1:2018
Standardi staatus: Kehtetu

EVS-EN ISO 20126:2012/A1:2018

Dentistry - Manual toothbrushes - General requirements and test methods - Amendment 1 (ISO 20126:2012/Amd 1:2018)

Keel: en
Alusdokumendid: ISO 20126:2012/Amd 1:2018; EN ISO 20126:2012/A1:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 20126:2022
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 Eesti Standardimis- ja Akrediteerimiskeskuse 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 Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast standardimisprogrammist.

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEN ISO 4618
Paints and varnishes - Vocabulary (ISO/DIS 4618:2022)

This document defines terms used in the field of coating materials (paints, varnishes and raw materials for paints and varnishes). Terms relating to specific applications and properties are dealt with in standards concerning those applications and properties, e.g. corrosion protection (see ISO 12944), coating powders (see ISO 8130-14), electro-deposition coatings (see ISO 22553-1) and rheology (see ISO 3219-1). Terms on nanotechnologies are harmonized with ISO/TS 80004-4. Terms on pigments and extenders are harmonized with ISO 18451-1. In addition to terms in English and French (two of the three official ISO languages), this document gives the equivalent terms in German; these are published under the responsibility of the member body for Germany (DIN). However, only the terms and definitions given in the official languages can be considered as ISO terms and definitions. NOTE Those terms that are defined elsewhere in this International Standard are shown in italics.

Keel: en
Alusdokumendid: ISO/DIS 4618; prEN ISO 4618
Asendab dokumenti: EVS-EN ISO 4618:2014

Arvamusküsitluse lõppkuupäev: 30.05.2022

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

prEN ISO 14002-2
Environmental management systems - Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area - Part 2: Water (ISO/DIS 14002-2:2022)

This document is intended for organizations seeking to address water related environmental aspects, environmental conditions, and the associated risks and opportunities within an environmental management system according to ISO 14001. The document addresses issues for environmental management related to water quantity and quality, such as water withdrawal, efficient use of water, and water discharge, as well as approaches to cope with water related events like flooding and droughts. The document considers the interconnections of water with other environmental media and takes a holistic approach to the management of water due to its impacts on ecosystems, ecosystem services, related biodiversity, as well as human life and well-being. This document provides general guidance and applies to organizations irrespective of their size, type, financial resources, location, and sector. It is applicable to all types of water and considers a life cycle perspective.

Keel: en
Alusdokumendid: ISO/DIS 14002-2; prEN ISO 14002-2

Arvamusküsitluse lõppkuupäev: 30.05.2022

11 TERVISEHOOLDUS

prEN IEC 60601-2-46:2022
Medical electrical equipment - Part 2-46: Particular requirements for the basic safety and essential performance of operating tables

Clause 1 of the general standard1) 156 applies, except as follows: 201.1.1 Scope Replacement: This particular standard specifies safety requirements for OPERATING TABLES, whether or not having electrical parts, including TRANSPORTERS, used for the transportation of the OPERATING TABLE top to or from the base or pedestal of an OPERATING TABLE with detachable OPERATING TABLE top. NOTE See also 4.2 of the General Standard. This particular standard does not apply to – dental PATIENT chairs;: Dentistry-Stationary dental units and dental patient chair – Part 1 general requirements (see ISO 7494-1) – examination chairs and couches; – PATIENT-supporting systems of diagnostic, interventional and therapeutic equipment; (see IEC 60601-2-54 or IEC 60601-2-43) – OPERATING TABLE heating blankets; (see IEC 60601-2-35) – PATIENT transfer equipment; – delivery tables and delivery beds; – medical beds; (see IEC 60601-2-52 and EN 50637) – field tables.

Keel: en
Alusdokumendid: IEC 60601-2-46 ED4; prEN IEC 60601-2-46:2022
Asendab dokumenti: EVS-EN IEC 60601-2-46:2019

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN ISO 3630-4
Dentistry - Endodontic instruments - Part 4: Auxiliary instruments (ISO/DIS 3630-4:2022)

This part of ISO 3630 specifies requirements and test methods for hand-held or mechanically operated instruments for performing root canal procedures and which are not cited in ISO 3630-1, 3630-2, 3630-3 or 3630-5. This part of ISO 3630 specifies requirements for size, product designation, safety considerations, instructions, and labeling.

Keel: en
Alusdokumendid: ISO/DIS 3630-4; prEN ISO 3630-4
Asendab dokumenti: EVS-EN ISO 3630-4:2010

Arvamusküsitluse lõppkuupäev: 30.05.2022

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 14025
Tanks for the transport of dangerous goods - Metallic pressure tanks - Design and construction

This document specifies the minimum requirements for the design and construction of metallic pressure tanks for the transport of dangerous goods by road and rail and sea. It is not applicable to gravity-discharge tanks according to RID/ADR 6.8.2.1.14 (a). This document includes requirements for openings, closures and structural equipment; it does not cover requirements of service equipment. For tanks for the transport of cryogenic liquids, EN 13530-1 and EN 13530-2 apply. Design and construction of pressure tanks according to the Scope of this document are primarily subject to the requirements of RID/ADR, Subsections 6.8.2.1, 6.8.3.1 and 6.8.5, as relevant. In addition, the relevant requirements of RID/ADR, Table A, columns 12 and 13, to Chapters 3.2, 4.3 and Subsection 6.8.2.4 apply. For the structural equipment RID/ADR, Subsections 6.8.2.2 and 6.8.3.2 apply, as relevant. The definitions of RID/ADR, Subsection 1.2.1, are referred to. For portable tanks see also RID/ADR, Chapter 4.2 and Sections 6.7.2 and 6.7.3. In addition, the relevant requirements of RID/ADR, Table A, Columns 10 and 11 to Chapters 3.2, 4.2, and Sections 6.7.2 and 6.7.3 apply. The paragraph numbers above relate to the 2017 issue of RID/ADR which are subject to regular revisions. This can lead to temporary non-compliances with EN 14025. This document is applicable to liquefied gases including LPG; however for a dedicated LPG standard see EN 12493. If not otherwise specified, provisions which take up the whole width of the page apply to all kind of tanks. Provisions contained in a single column apply only to: -tanks according to RID/ADR Chapter 6.8 (left-hand column); -portable tanks according to RID/ADR Chapter 6.7 (right-hand column).

Keel: en
Alusdokumendid: prEN 14025
Asendab dokumenti: EVS-EN 14025:2018
Asendab dokumenti: EVS-EN 14025:2018/AC:2020

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN 15347
Plastics - Recycled plastics - Characterisation of sorted plastics wastes

This document provides a scheme for the characterisation of sorted plastics wastes, laying out those properties for which the supplier of the waste shall make information available to the purchaser, and appropriate test methods where applicable. The scheme provides for a division of information between "Required characteristics", where a statement is required and additional "Optional characteristics" which the supplier should provide based on the contractual agreements. This document is applicable without prejudice to any existing legislation. NOTE This document does not cover the characterisation of plastics recyclates.

Keel: en
Alusdokumendid: prEN 15347
Asendab dokumenti: EVS-EN 15347:2008

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN 15348
Plastics - Recycled plastics - Characterization of poly(ethylene terephthalate) (PET) recyclates

This document defines a method of specifying delivery conditions for poly(ethylene terephthalate) (PET) recyclates. It gives the most important characteristics and associated test methods for assessing PET recyclates intended for use in the production of semi-finished/finished products. It is intended to support parties involved in the use of polyethylene terephthalate (PET) by mechanical recycling to agree on specifications for specific and generic applications. This document is applicable without

prejudice to any existing legislation. This document does not cover the characterization of plastic waste, which is covered by EN 15347, neither traceability topics which are covered by EN 15343.

Keel: en
Alusdokumendid: prEN 15348
Asendab dokumenti: EVS-EN 15348:2014

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN 15713

Secure destruction of confidential material - Code of practice

This document provides recommendations and requirements for the procedures, processes and performance monitoring to be implemented for the management and control of the mechanical destruction of confidential and sensitive material to ensure that such material is disposed of securely and safely. This document can be referenced by anyone who processes such material for themselves or on behalf of others and covers the following scenarios: - on site - using mobile equipment at the location of use (destruction equipment is brought to the confidential or sensitive material); - off site - transport followed by destruction using equipment at a destruction facility (the confidential or sensitive material is brought to the destruction equipment, such as used at a dedicated external facility operated by a service provider); - using static equipment at the location of use (confidential or sensitive material and destruction equipment co-located, such as a shredder in a building occupied by a client or clients). Destruction by erasure is not covered in this document.

Keel: en
Alusdokumendid: prEN 15713
Asendab dokumenti: EVS-EN 15713:2009

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN ISO 14002-2

Environmental management systems - Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area - Part 2: Water (ISO/DIS 14002-2:2022)

This document is intended for organizations seeking to address water related environmental aspects, environmental conditions, and the associated risks and opportunities within an environmental management system according to ISO 14001. The document addresses issues for environmental management related to water quantity and quality, such as water withdrawal, efficient use of water, and water discharge, as well as approaches to cope with water related events like flooding and droughts. The document considers the interconnections of water with other environmental media and takes a holistic approach to the management of water due to its impacts on ecosystems, ecosystem services, related biodiversity, as well as human life and well-being. This document provides general guidance and applies to organizations irrespective of their size, type, financial resources, location, and sector. It is applicable to all types of water and considers a life cycle perspective.

Keel: en
Alusdokumendid: ISO/DIS 14002-2; prEN ISO 14002-2

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN ISO 14119

Safety of machinery - Interlocking devices associated with guards - Principles for design and selection (ISO/DIS 14119.2:2022)

This document specifies principles for the design and selection — independent of the nature of the energy source — of interlocking devices associated with guards and provides guidance of measures to minimize the possibility of defeat of interlocking devices in a reasonably foreseeable manner. This document covers principles for the design, selection and application • of parts of the guards which actuate interlocking devices; • of trapped key interlocking devices and systems for machinery applications. NOTE ISO 14120:2015 specifies general requirements for the design and construction of guards provided primarily to protect persons from mechanical hazards. The processing of the signal from the interlocking device to stop the machine and prevent unexpected start up is covered in ISO 13849-1:2015 or IEC 62061:2005+AMD1:2012+AMD2:2015

Keel: en
Alusdokumendid: ISO/DIS 14119.2; prEN ISO 14119
Asendab dokumenti: EVS-EN ISO 14119:2013

Arvamusküsitluse lõppkuupäev: 30.04.2022

19 KATSETAMINE

prEN IEC 61010-2-203:2022

Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-203: Particular requirements for industrial communication circuits and communication port interconnection

1 Scope and object This clause of Part 1 is applicable, except as follows. 1.1.1 Equipment included in scope Replacement: Replace the text by the following paragraphs: This part of IEC 61010 specifies: This part of IEC 61010 specifies particular safety requirements for industrial COMMUNICATION CIRCUITS and their INTERCONNECTION where equipment is intended to be installed in a process or discrete control environment. NOTE - The equipment could be connected to an overall communication network. These include COMMUNICATION CIRCUITS and INTERCONNECTIONS which are part of electrical test and

measurement equipment or process control equipment, where these are intended to be used in an industrial environment. Type of COMMUNICATION CIRCUITS covered: NOTE - Any industrial process control equipment can have more than one COMMUNICATION CIRCUIT. - COMMUNICATION CIRCUITS with COMMUNICATION PROTOCOLS below 50 V r.m.s., 70 V peak and 120 V DC, where the COMMUNICATION CIRCUIT is expected to be exposed to excessive transients in the end use installation. [Figure 1] [...] 1.1.2 Equipment excluded from scope [...]

Keel: en
Alusdokumendid: IEC 61010-2-203 ED1; prEN IEC 61010-2-203:2022

Arvamusküsitluse lõppkuupäev: 30.05.2022

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN 14025

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

This document specifies the minimum requirements for the design and construction of metallic pressure tanks for the transport of dangerous goods by road and rail and sea. It is not applicable to gravity-discharge tanks according to RID/ADR 6.8.2.1.14 (a). This document includes requirements for openings, closures and structural equipment; it does not cover requirements of service equipment. For tanks for the transport of cryogenic liquids, EN 13530-1 and EN 13530-2 apply. Design and construction of pressure tanks according to the Scope of this document are primarily subject to the requirements of RID/ADR, Subsections 6.8.2.1, 6.8.3.1 and 6.8.5, as relevant. In addition, the relevant requirements of RID/ADR, Table A, columns 12 and 13, to Chapters 3.2, 4.3 and Subsection 6.8.2.4 apply. For the structural equipment RID/ADR, Subsections 6.8.2.2 and 6.8.3.2 apply, as relevant. The definitions of RID/ADR, Subsection 1.2.1, are referred to. For portable tanks see also RID/ADR, Chapter 4.2 and Sections 6.7.2 and 6.7.3. In addition, the relevant requirements of RID/ADR, Table A, Columns 10 and 11 to Chapters 3.2, 4.2, and Sections 6.7.2 and 6.7.3 apply. The paragraph numbers above relate to the 2017 issue of RID/ADR which are subject to regular revisions. This can lead to temporary non-compliances with EN 14025. This document is applicable to liquefied gases including LPG; however for a dedicated LPG standard see EN 12493. If not otherwise specified, provisions which take up the whole width of the page apply to all kind of tanks. Provisions contained in a single column apply only to: -tanks according to RID/ADR Chapter 6.8 (left-hand column); -portable tanks according to RID/ADR Chapter 6.7 (right-hand column).

Keel: en
Alusdokumendid: prEN 14025
Asendab dokumenti: EVS-EN 14025:2018
Asendab dokumenti: EVS-EN 14025:2018/AC:2020

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN ISO 11623

Gas cylinders - Composite cylinders and tubes - Periodic inspection and testing (ISO/DIS 11623:2022)

This document specifies the requirements for periodic inspection and testing and to verify the integrity for further service of hoop-wrapped and fully wrapped composite transportable gas cylinders and tubes, with aluminium-alloy, steel or non-metallic liners or of linerless construction (Types 2, 3, 4, and 5), intended for compressed, liquefied or dissolved gases under pressure, of water capacity from 0,5 l up to 3 000 l. This document is written to address the periodic inspection and testing of composite cylinders and tubes constructed to ISO 11119-1, ISO 11119-2, ISO 11119-3, ISO 11119-4 and ISO 11515 standards and can be applied to other composite cylinders and tubes designed to comparable standards when authorized by the competent authority. As far as practicable, this document also can be applied to cylinders of less than 0,5 l water capacity when authorized by the manufacturer. NOTE Unless noted by exception, the use of the word “cylinder” in this document refers to both cylinders and tubes.

Keel: en
Alusdokumendid: ISO/DIS 11623; prEN ISO 11623
Asendab dokumenti: EVS-EN ISO 11623:2015

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN ISO 5117

Automatic steam traps - Production and performance characteristic tests (ISO/DIS 5117:2022)

This document specifies the test requirements for automatic steam trap used for condensate removal/recovery services for optimized utilization of energy, in refinery, power generation or other general applications where steam is used as a medium of heat transfer. The tests can be classified as production tests and performance characteristic tests and may be conducted to ensure the correct functioning of a steam trap or to evaluate the performance of a particular design. This International Standard specifies the tests to be performed relative to each one of these two categories and briefly describes the corresponding test methods.

Keel: en
Alusdokumendid: ISO/DIS 5117; prEN ISO 5117
Asendab dokumenti: EVS-EN 26948:1999
Asendab dokumenti: EVS-EN 27841:1999
Asendab dokumenti: EVS-EN 27842:1999

Arvamusküsitluse lõppkuupäev: 30.05.2022

25 TOOTMISTEHNOLOOGIA

prEN IEC 61784-5-19:2022
Industrial communication networks - Profiles - Part 5-19: Installation of fieldbuses - Installation profiles for CPF 19

This part of IEC 61784-5 specifies the installation profiles for CPF 19 (MECHATROLINK). The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2018 and IEC 61918:2018/AMD1.

Keel: en
Alusdokumendid: IEC 61784-5-19 ED2; prEN IEC 61784-5-19:2022
Asendab dokumenti: EVS-EN 61784-5-19:2014

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN IEC 61784-5-22:2022
Industrial communication networks - Profiles - Part 5-22: Installation of fieldbuses - Installation profiles for CPF 22

This part of IEC 61784-5 specifies the installation profile for CPF 22 (AUTBUS 1). The installation profile is specified in the annex. The annex is read in conjunction with IEC 61918:2018 and IEC 61918:2018/AMD1.

Keel: en
Alusdokumendid: IEC 61784-5-22 ED1; prEN IEC 61784-5-22:2022

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN IEC 61784-5-8:2022
Industrial communication networks - Profiles - Part 5-8: Installation of fieldbuses - Installation profiles for CPF 8

This part of IEC 61784-5 specifies the installation profiles for CPF 8 (CC-Link). The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2018 and IEC 61918:2018/AMD1.

Keel: en
Alusdokumendid: IEC 61784-5-8 ED3; prEN IEC 61784-5-8:2022
Asendab dokumenti: EVS-EN IEC 61784-5-8:2018

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN IEC 61784-5-X:2022
Industrial communication networks - Profiles - Part 5-x: Installation of fieldbuses - Installation profiles for CPF x (x=2, 3, 6, 12, 21)

Replace, in the second paragraph, “IEC 61918:2018” with “IEC 61918:2018 and IEC 61918:2018/AMD1."

Keel: en
Alusdokumendid: IEC 61784-5-X ED5; prEN IEC 61784-5-X:2022
Asendab dokumenti: EVS-EN IEC 61784-5-2:2018

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN IEC 62453-1:2022
Field device tool (FDT) interface specification - Part 1: Overview and guidance

This part of IEC 62453 presents an overview and guidance for the IEC 62453 series. It • explains the structure and content of the IEC 62453 series (see Clause 5); • provides explanations of some aspects of the IEC 62453 series that are common to many of the parts of the series; • describes the relationship to some other standards.

Keel: en
Alusdokumendid: IEC 62453-1 ED3; prEN IEC 62453-1:2022
Asendab dokumenti: EVS-EN 62453-1:2017

Arvamusküsitluse lõppkuupäev: 30.05.2022

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN 521
Specifications for dedicated liquefied petroleum gas appliances - Portable vapour pressure liquefied petroleum gas appliances

This document specifies the construction and performance characteristics related to safety and the rational use of energy of portable appliances burning liquefied petroleum gases at the vapour pressure within the gas cartridge or gas cylinder, excepting those where the gas cartridge is inserted horizontally in the chassis. NOTE These appliances are referred to in the body of the text as "appliances". This document applies to various types of portable appliances burning liquefied petroleum gases at vapour pressure and designed to be used with cartridges as complying with EN 417 or gas cylinders. This document covers appliances for outdoor or in well ventilated areas uses only. For example the following types of appliances are covered: a) cooking appliances (stoves, grills, barbecues...); This document does not cover barbecues that can be used indoors; b) lighting

appliances; c) heating appliances; This document only applies to appliances with a maximum heat input of up to 3 kW (Hs) for outdoor use only; d) blowtorches; This document only applies to blowtorches without a flexible hose; e) laboratory burners. The requirements apply to these appliances or their functional sections whether or not the latter are independent or incorporated into an assembly. Appliances covered by this document are not connected to a flue for the discharge of products of combustion and are not connected to the mains electricity supply. This document covers neither appliances supplied with LPG in the liquid phase nor appliance with fixed integral container which may or may not be refilled by the user It does not apply to lighters as defined in EN ISO 9994. It does not apply to gas appliances operating with a valve cartridge which is horizontally integrated into the chassis of the appliance also called "flat portable gas stove". Requirements for rational use of energy have been included for stove burners. However, such requirements have not been included for the other types of appliances because: - for grills and barbecues, this is a type of cooking which is achieved by various means such as radiant elements; in addition this type of cooking varies according to the type of food and region where the appliance is used; - for lighting appliances, the consumption is insignificant because these appliances have a very low rate and are used only for a few hours in a year; - for heating appliances, all the heat produced is discharged into the environment; - for tools such as blowtorches which are not professional tools in regular use, the gas consumption depends very much on the way it is used.

Keel: en
Alusdokumendid: prEN 521
Asendab dokumenti: EVS-EN 521:2019

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN IEC 63132-5:2022

Guide for installation procedures and tolerances of hydroelectric machines - Part 5: Bulb turbines and generators

The purpose of this guide is to establish, in a general way, suitable procedures and tolerances for the installation of bulb turbine and generator. This guide presents a typical assembly and whenever the words "turbine" and "generator" are used in this part, it refers to bulb turbine and generator. There are many possible ways to assemble a unit. The size of the machine, the design of the machine, the layout of the powerhouse, the sequence of concreting or the delivery schedule of the components are some of the elements that could result in additional steps, or 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. The guide excludes matters of purely commercial interest, except those inextricably bound up with the conduct of installation. It also excluded to specifications of the civil works but this aspect of the work should be taken into consideration during the assembly of the units. Wherever the guide 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 63132-5 ED1; prEN IEC 63132-5:2022

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN IEC 63132-6:2022

Guide for installation procedures and tolerances of hydroelectric machines - Part 6: Vertical Pelton turbines

The purpose of this guide is to establish, in a general way, suitable procedures and tolerances for the installation of Pelton vertical turbines. This guide presents a typical assembly and whenever the word “turbine” is used in this part, it refers to a vertical Pelton turbine. There are many possible ways to assemble a unit. The size of the machine, the design of the machine, the layout of the powerhouse or the delivery schedule of the components are some of the elements that could result in additional steps, or 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. The guide excludes matters of purely commercial interest, except those inextricably bound up with the conduct of installation. The tolerances in this guide have been established upon Best Practices and experience, although it is recognized that other standards are specifying different tolerances Wherever the guide specifies that documents, drawings or information shall be supplied by a manufacturer (or by manufacturers), each individual manufacturer shall be required to furnish the appropriate information for their own supply only.

Keel: en
Alusdokumendid: IEC 63132-6 ED1; prEN IEC 63132-6:2022

Arvamusküsitluse lõppkuupäev: 30.05.2022

29 ELEKTROTEHNIKA

EN 60269-1:2007/prA3:2022

Amendment 3 - Low-voltage fuses - Part 1: General requirements

Amendment to EN 60269-1:2007

Keel: en
Alusdokumendid: IEC 60269-1/AMD3 ED4; EN 60269-1:2007/prA3:2022
Muudab dokumenti: EVS-EN 60269-1:2007

Arvamusküsitluse lõppkuupäev: 30.05.2022

EN 60269-4:2009/prA3:2022

Low-voltage fuses - Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices

These supplementary requirements apply to fuse-links for application in equipment containing semiconductor devices for circuits of nominal voltages up to 1 000 V AC. or 1 500 V DC. and also, in so far as they are applicable, for circuits of higher nominal voltages. NOTE 1 Such fuse-links are commonly referred to as "semiconductor fuse-links". NOTE 2 In most cases, a part of the associated equipment serves the purpose of a fuse-base. Owing to the great variety of equipment, no general rules can be given; the suitability of the associated equipment to serve as a fuse- base should be subject to agreement between the manufacturer and the user. However, if separate fuse-bases or fuse-holders are used, they should comply with the appropriate requirements of IEC 60269-1. NOTE 3 IEC 60269-6 (Low-voltage fuses – Part 6: Supplementary requirements for fuse-links for the protection of solar photovoltaic energy systems) is dedicated to the protection of solar photovoltaic energy systems. NOTE 4 These fuse-links are intended for use on systems employing the standardized voltages and tolerances of IEC 60038. Tests carried out on fuse-links in accordance with previous editions of this standard shall remain valid until such time as complimentary equipment has evolved to the standardized voltages and tolerances of IEC 60038. The object of these supplementary requirements is to establish the characteristics of semiconductor fuse-links in such a way that they can be replaced by other fuse-links having the same characteristics, provided that their dimensions are identical. For this purpose, this standard refers in particular to a) the following characteristics of fuses: 1) their rated values; 2) their temperature rises in normal service; 3) their power dissipation; 4) their time-current characteristics; 5) their breaking capacity; 6) their cut-off current characteristics and their I2t characteristics; 7) their arc voltage characteristics; b) type tests for verification of the characteristics of fuses; c) the markings on fuses; d) availability and presentation of technical data (see Annex BB).

Keel: en
Alusdokumendid: IEC 60269-4/AMD3 ED5; EN 60269-4:2009/prA3:2022
Muudab dokumenti: EVS-EN 60269-4:2009

Arvamusküsitluse lõppkuupäev: 30.05.2022

EVS-EN 60061-2:2001+A46:2013/FprA58:2022

Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders

Amendment to EN 60061-2:1993

Keel: en
Alusdokumendid: IEC 60061-2/AMD58 ED3; EN 60061-2:1993/FprA58:2022
Muudab dokumenti: EVS-EN 60061-2:2001+A46:2013

Arvamusküsitluse lõppkuupäev: 30.05.2022

HD 60269-2:2013/prA2:2022

Amendment 2 - Low-voltage fuses - Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) - Examples of standardized systems of fuses A to K

Amendment to HD 60269-2:2013

Keel: en
Alusdokumendid: IEC 60269-2/AMD2 ED5; HD 60269-2:2013/prA2:2022
Muudab dokumenti: EVS-HD 60269-2:2013

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN 50110-1

Operation of electrical installations - Part 1: General requirements

Revise the actual 11th edition of EN 50110-1:2013 start voting procedure and publish 12th edition.

Keel: en
Alusdokumendid: prEN 50110-1
Asendab dokumenti: EVS-EN 50110-1:2013

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN 50549-10

Requirements for generating plants to be connected in parallel with distribution networks - Part 10: Tests for conformity assessment of generating units

The purpose of this document is to provide technical guidance for tests on generating units and interface protection to evaluate their electrical characteristics. NOTE 1 Mechanical issues are taken into account as far as they influence the electrical characteristics. The evaluation results are intended to be used to demonstrate conformity of generating units to technical requirements for grid connection. In this context the evaluation results can also be used as part of a certification programme. NOTE 2 Besides the type test results of the generating unit all additional elements for connection to the grid (e.g. transformer, cabling, multiple units) are considered in the evaluation of the final installation of a generating plant. The requirements to be evaluated are covered in the following standardization documents: – EN 50549-1:2019: Requirements for generating plants to be connected in parallel with distribution networks - Part 1: connection to a LV distribution network - Generating plants up to and including Type B – EN 50549-2:2019: Requirements for generating plants to be connected in parallel with distribution networks - Part 2: Connection to a MV distribution network - Generating plants up to and including Type B If grid connection requirements are dealt with in other documents or for other generating module types, where no specific testing procedure is provided, testing methods of this document can be used if applicable. This document provides evaluation criteria for the conformity assessment of generating units with respect to the above mentioned standardization documents, based on type testing. However, some requirements are applicable on the generating plant level. The assessment of the conformity to these plant requirements are out

of the scope of this document. Nevertheless, this document may be used to show the capabilities of a generating unit to be used in a plant. As a consequence, it is possible that the conformity assessment of a generating unit does not cover all aspects of the above-mentioned standardization documents, typically when a requirement is evaluated on a plant level. Therefore, the conformity assessment report indicates clearly which clauses of this document are covered and which clauses are not covered. This document recognizes the existence of specific technical test requirements within several member states that must be complied with.

Keel: en
Alusdokumendid: prEN 50549-10
Asendab osaliselt dokumenti: EVS-EN 50438:2013
Asendab osaliselt dokumenti: EVS-EN 50438:2013/IS1:2015

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN IEC 61462:2022

Composite hollow insulators - Pressurized and unpressurized insulators for use in electrical equipment with AC rated voltage greater than 1 000 V AC and D.C. voltage greater than 1500V - Definitions, test methods, acceptance criteria and design recommendations

This International Standard applies to composite hollow insulators consisting of a load-bearing insulating tube made of resin impregnated fibres, a housing (outside the insulating tube) made of elastomeric material (for example silicone or ethylene-propylene) and metal fixing devices at the ends of the insulating tube. Composite hollow insulators as defined in this standard are intended for general use (unpressurized) or for use with a permanent gas pressure (pressurized). They are intended for use in both outdoor and indoor electrical equipment operating on alternating current with a rated voltage greater than 1 000 V a.c. and a frequency not greater than 100 Hz or for use in direct current equipment with a rated voltage greater than 1 500 V d.c. The object of this standard is: - to define the terms used; - to prescribe test methods; - to prescribe acceptance criteria. Hollow insulators are integrated into electrical equipment which is electrically type tested as required by the applicable equipment standard. So, it is not the object of this standard to prescribe dielectric type tests because the withstand voltages and flashover behaviour are not characteristics of the hollow insulator itself but of the apparatus of which it ultimately forms a part. All the tests in this standard, apart from the thermal-mechanical test, are performed at normal ambient temperature. This standard does not prescribe tests that may be characteristic of the apparatus of which the hollow insulator ultimately forms a part. Composite hollow insulators are intended for use in electrical equipment, such as, but not limited to: - HV circuit-breakers, - switch-disconnectors, - disconnectors, - station posts, - disconnecting circuit breakers, - earthing switches, - instrument- and power transformers, - bushings, - cable terminations. Additional testing defined by the relevant IEC equipment standard may be required.

Keel: en
Alusdokumendid: IEC 61462 ED2; prEN IEC 61462:2022
Asendab dokumenti: EVS-EN 61462:2007

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN IEC 62271-207:2022

High-voltage switchgear and controlgear - Part 207: Seismic qualification for gas-insulated switchgear assemblies, metal enclosed and solid-insulation enclosed switchgear for rated voltages above 1 kV

IEC 62271-207 applies to: – gas-insulated switchgear (GIS) assemblies – for alternating current of rated voltages above 52 kV complying with IEC 62271-203 – for direct current of rated voltages including and above 100 kV – for indoor and outdoor installations, including their supporting structures. – metal-enclosed switchgear and controlgear assemblies for rated voltages above 1 kV and up to and including 52 kV complying with IEC 62271-200 for metal-enclosed and IEC 62271-201 for solid-insulation enclosed, ground or floor mounted, intended to be used under seismic conditions. The seismic qualification of the switchgear assemblies takes into account testing of typical switchgear assemblies combined with methods of analysis. Mutual interaction between directly mounted auxiliary and control equipment and switchgear assemblies is considered. Seismic qualification philosophy includes selection of seismic qualification level (Clause 4), methodologies for qualification by testing (Clause 5) and by combined testing and analysis (Clause 6), acceptance criteria (Clause 7) and seismic qualification documentation (Clause 8). The seismic qualification of switchgear assemblies by the manufacturer is only performed upon request of the user.

Keel: en
Alusdokumendid: IEC 62271-207 ED3; prEN IEC 62271-207:2022
Asendab dokumenti: EVS-EN 62271-207:2012

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN IEC 62772:2022

Composite hollow core station post insulators for substations with a.c. voltage greater than 1 000 V and d.c. voltage greater than 1 500 V - Definitions, test methods and acceptance criteria

This International Standard applies to composite hollow core station post insulators consisting of a load-bearing insulating tube (core) made of resin impregnated fibres, insulating filler material (solid, liquid, gaseous - pressurized or unpressurized), a housing (outside the insulating tube) made of polymeric material (for example silicone or ethylene-propylene) and fixing devices at the ends of the insulating tube. Composite hollow core station post insulators as defined in this standard are intended for general use in substations in both, outdoor and indoor environments, operating with a rated AC voltage greater than 1 000 V a.c. and a frequency not greater than 100 Hz or for use in direct current systems with a rated voltage greater than 1 500 V.d.c. The object of this standard is: to define the terms used; to prescribe test methods; to prescribe acceptance criteria. All the tests in this standard, apart from the thermal-mechanical test, are performed at normal ambient temperature. This standard does not

prescribe tests that are characteristic of the apparatus of which the composite hollow core station post insulator ultimately may form a part (e.g. disconnector switch, reactor support, HVDC valves).

Keel: en
Alusdokumendid: IEC 62772 ED2; prEN IEC 62772:2022
Asendab dokumenti: EVS-EN 62772:2016

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN IEC 62990-1:2021/prAA:2022

Workplace Atmospheres - Part 1: Gas detectors - Performance requirements of detectors for toxic gases

This part of IEC 62990 specifies general requirements for design, function and performance, and describes the test methods that apply to portable, transportable, and fixed equipment for the detection and concentration measurement of toxic gases and vapours in workplace atmospheres and other industrial and commercial applications. This document is applicable to continuously sensing equipment whose primary purpose is to provide an indication, alarm and/or other output function the purpose of which is to indicate the presence of a toxic gas or vapour in the atmosphere and in some cases to initiate automatic or manual protective action(s). It is applicable to equipment in which the sensor generates an electrical signal when gas is present. This document applies to two types of equipment: • Type HM (Health Monitoring) 'occupational exposure' equipment: For occupational exposure measurement, the performance requirements are focused on uncertainty of measurement of gas concentrations in the region of Occupational Exposure Limit Values (OELV). The upper limit of measurement will be defined by the manufacturer in accordance with 4.2.1. • Type SM (Safety Monitoring) 'general gas detection' equipment: For general gas detection applications (e.g. safety warning, leak detection), the performance requirements are focused on alarm signalling. The upper limit of measurement will be defined by the manufacturer according to the intended use of the equipment. In general, the requirements for accuracy will be higher for Type HM equipment than for Type SM equipment. The same equipment may meet the requirements of both Type HM and Type SM. For equipment used for sensing the presence of multiple gases this document applies only to the detection of toxic gas or vapour. This document is not applicable to equipment: - with samplers and concentrators such as sorbents or paper tape having an irreversible indication; - used for the measurement of gases and vapours related to the risk of explosion; - used for the measurement of oxygen; – used only in laboratories for analysis or measurement; - used only for process measurement purposes; - used in the domestic environment; - used in environmental air pollution monitoring; - used for open-path (line of sight) area gas measurement; - used for ventilation control in car parks or tunnels.

Keel: en
Alusdokumendid: prEN IEC 62990-1:2021/prAA:2022
Muudab dokumenti: prEN IEC 62990-1

Arvamusküsitluse lõppkuupäev: 30.05.2022

prHD 60364-4-43:2022

Low-voltage electrical installations - Part 4-43: Protection for safety - Protection against overcurrent

This part of IEC 60364 provides requirements for: – protection of live conductors, PEN conductors, PEM conductors, and PEL conductors against the harmful effect caused by overcurrent. – coordination of measures for protection against overcurrent NOTE 1 The requirements of this standard do not take account of external influences. NOTE 2 Protection of conductors according to this standard does not necessarily protect the equipment connected to the conductors. NOTE 3 Flexible cables connecting equipment by plugs and socket-outlet to fixed installations are not part of the scope of this standard and for this reason are not necessarily protected against the harmful effect caused by overcurrent. NOTE 4 Disconnection does not mean isolation in this standard.

Keel: en
Alusdokumendid: IEC 60364-4-43 ED4; prHD 60364-4-43:2022
Asendab dokumenti: EVS-HD 60364-4-43:2010

Arvamusküsitluse lõppkuupäev: 30.05.2022

31 ELEKTROONIKA

prEN IEC 60384-20:2022

Fixed capacitors for use in electronic equipment - Part 20: Sectional specification - Fixed metallized polyphenylene sulfide film dielectric surface mount d.c. capacitors

This part of IEC 60384 is applicable to fixed surface mount capacitors for direct current, with metallized electrodes and polyphenylene sulfide dielectric for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted directly onto printed boards or onto substrates for hybrid circuits. These capacitors can have "self-healing properties" depending on conditions of use. They are primarily intended for applications where the AC component is small with respect to the rated voltage. This part of IEC 60384 specifies preferred ratings and characteristics, selects from IEC 60384-1:2021 the appropriate quality assessment procedures, tests and measuring methods and gives general performance requirements for this type of capacitor. Test severities and requirements specified in detail specifications referring to this sectional specification are of an equal or higher performance level. Lower performance levels are not permitted. Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14.

Keel: en
Alusdokumendid: IEC 60384-20 ED4; prEN IEC 60384-20:2022
Asendab dokumenti: EVS-EN 60384-20:2015

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN IEC 60384-23:2022

Fixed capacitors for use in electronic equipment - Part 23: Sectional specification - Fixed metallized polyethylene naphthalate film dielectric surface mount DC capacitors

This part of IEC 60384 is applicable to fixed surface mount capacitors for direct current, with metallized electrodes and polyethylene naphthalate dielectric for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted directly onto printed boards or onto substrates for hybrid circuits. These capacitors can have "self-healing properties" depending on conditions of use. They are primarily intended for applications where the AC component is small with respect to the rated voltage. This part of IEC 60384 specifies preferred ratings and characteristics, selects from IEC 60384-1:2021 the appropriate quality assessment procedures, tests and measuring methods and gives general performance requirements for this type of capacitor. Test severities and requirements specified in detail specifications referring to this sectional specification are of an equal or higher performance level. Lower performance levels are not permitted. Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14.

Keel: en
Alusdokumendid: IEC 60384-23 ED3; prEN IEC 60384-23:2022
Asendab dokumenti: EVS-EN 60384-23:2015

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN IEC 60393-3:2022

Potentiometers for use in electronic equipment - Part 3: Sectional specification: Rotary precision potentiometers

This part of IEC 60393 applies to rotary precision potentiometers for use in electronic equipment. The object of this standard is to prescribe preferred ratings and characteristics and to select from IEC 60393-1, the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of potentiometer. This standard gives the minimum performance requirements and test severities.

Keel: en
Alusdokumendid: IEC 60393-3 ED3; prEN IEC 60393-3:2022

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN IEC 62228-6:2022

Integrated circuit - EMC Evaluation of transceivers - Part 6: PSI5 transceivers

This document specifies test and measurement methods for EMC evaluation of Peripheral Sensor Interface 5 (PSI5) transceiver integrated circuits (ICs) under network condition. It defines test configurations, test conditions, test signals, failure criteria, test procedures, test setups and test boards. It is applicable for PSI5 satellite ICs (e.g. sensors) and ICs with embedded PSI5 transceivers (e.g. PSI5 Electronic control unit IC). The document covers - the emission of RF disturbances, - the immunity against RF disturbances, - the immunity against impulses and - the immunity against electrostatic discharges (ESD).

Keel: en
Alusdokumendid: IEC 62228-6 ED1; prEN IEC 62228-6:2022

Arvamusküsitluse lõppkuupäev: 30.05.2022

35 INFOTEHNOLOOGIA

prEN IEC 61784-5-19:2022

Industrial communication networks - Profiles - Part 5-19: Installation of fieldbuses - Installation profiles for CPF 19

This part of IEC 61784-5 specifies the installation profiles for CPF 19 (MECHATROLINK). The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2018 and IEC 61918:2018/AMD1.

Keel: en
Alusdokumendid: IEC 61784-5-19 ED2; prEN IEC 61784-5-19:2022
Asendab dokumenti: EVS-EN 61784-5-19:2014

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN IEC 61784-5-22:2022

Industrial communication networks - Profiles - Part 5-22: Installation of fieldbuses - Installation profiles for CPF 22

This part of IEC 61784-5 specifies the installation profile for CPF 22 (AUTBUS 1). The installation profile is specified in the annex. The annex is read in conjunction with IEC 61918:2018 and IEC 61918:2018/AMD1.

Keel: en
Alusdokumendid: IEC 61784-5-22 ED1; prEN IEC 61784-5-22:2022

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN IEC 61784-5-8:2022

Industrial communication networks - Profiles - Part 5-8: Installation of fieldbuses - Installation profiles for CPF 8

This part of IEC 61784-5 specifies the installation profiles for CPF 8 (CC-Link). The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2018 and IEC 61918:2018/AMD1.

Keel: en
Alusdokumendid: IEC 61784-5-8 ED3; prEN IEC 61784-5-8:2022
Asendab dokumenti: EVS-EN IEC 61784-5-8:2018

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN IEC 61784-5-X:2022

Industrial communication networks - Profiles - Part 5-x: Installation of fieldbuses - Installation profiles for CPF x (x=2, 3, 6, 12, 21)

Replace, in the second paragraph, “IEC 61918:2018” with “IEC 61918:2018 and IEC 61918:2018/AMD1."

Keel: en
Alusdokumendid: IEC 61784-5-X ED5; prEN IEC 61784-5-X:2022
Asendab dokumenti: EVS-EN IEC 61784-5-2:2018

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN IEC 62453-1:2022

Field device tool (FDT) interface specification - Part 1: Overview and guidance

This part of IEC 62453 presents an overview and guidance for the IEC 62453 series. It • explains the structure and content of the IEC 62453 series (see Clause 5); • provides explanations of some aspects of the IEC 62453 series that are common to many of the parts of the series; • describes the relationship to some other standards.

Keel: en
Alusdokumendid: IEC 62453-1 ED3; prEN IEC 62453-1:2022
Asendab dokumenti: EVS-EN 62453-1:2017

Arvamusküsitluse lõppkuupäev: 30.05.2022

47 LAEVAEHITUS JA MERE-EHITISED

EN ISO 11591:2020/prA1

Small craft - Field of vision from the steering position - Amendment 1 (ISO 11591:2020/DAM 1:2022)

Amendment to EN ISO 11591:2020

Keel: en
Alusdokumendid: ISO 11591:2020/DAmd 1; EN ISO 11591:2020/prA1
Muudab dokumenti: EVS-EN ISO 11591:2020

Arvamusküsitluse lõppkuupäev: 30.05.2022

53 TÕSTE- JA TEISALDUS-SEADMED

prEN ISO 7623

Steel cord conveyor belts - Cord-to-coating bond test - Initial test and after thermal treatment (ISO/DIS 7623:2022)

ISO 7623:2015 specifies a method for determining the bond strength of metal cords to their surrounding coating, either in the initial state or after thermal treatment. It applies exclusively to metal-carcass conveyor belts.

Keel: en
Alusdokumendid: ISO/DIS 7623; prEN ISO 7623
Asendab dokumenti: EVS-EN ISO 7623:2015

Arvamusküsitluse lõppkuupäev: 30.05.2022

61 RÕIVATÖÖSTUS

prEN ISO 20535

Footwear - Test method for insoles and insocks - Dimensional change after cycle of wetting and drying (ISO 20535:2019)

This document specifies a method for determining the dimensional change of footwear insoles and insocks after cycle wetting and drying regardless of the material.

Keel: en
Alusdokumendid: ISO 20535:2019; prEN ISO 20535

Arvamusküsitluse lõppkuupäev: 30.05.2022

67 TOIDUAINETE TEHNOLOOGIA

prEN ISO 12872

Olive oils and olive-pomace oils - Determination of the 2-glyceryl monopalmitate content (ISO/DIS 12872:2022)

ISO 12872:2010 specifies a procedure for the determination of the content, as a percentage mass fraction, of 2-glyceryl monopalmitate content in olive oils and olive-pomace oils that are liquid at ambient temperature (20 °C).

Keel: en
Alusdokumendid: ISO/DIS 12872; prEN ISO 12872
Asendab dokumenti: EVS-EN ISO 12872:2014

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN ISO 734

Oilseed meals - Determination of oil content - Extraction method with hexane (or light petroleum) (ISO/DIS 734:2022)

ISO 734:2015 specifies a method for the determination of the hexane extract (or light-petroleum extract), called "oil content", of meals (excluding compounded products) obtained by the extraction of oil from oilseeds by pressure or solvents.

Keel: en
Alusdokumendid: ISO/DIS 734; prEN ISO 734
Asendab dokumenti: EVS-EN ISO 734:2015

Arvamusküsitluse lõppkuupäev: 30.05.2022

75 NAFTA JA NAFTATEHNOLOOGIA

prEN ISO 16961

Petroleum, petrochemical and natural gas industries - Internal coating and lining of steel storage tanks (ISO/DIS 16961:2022)

This document specifies the minimum requirements for surface preparation, materials, application, inspection and testing of internal coating lining systems that are intended to be applied on internal surfaces of steel storage tanks of crude oil, hydrocarbons and water for corrosion protection. It covers both new construction and maintenance works of tank internal coating and lining as well as the repair of defective and deteriorated coating/lining. This document also provides the minimum requirements for shop performance testing of the coated/lined samples and the criteria for their approval.

Keel: en
Alusdokumendid: ISO/DIS 16961; prEN ISO 16961
Asendab dokumenti: EVS-EN ISO 16961:2015

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN ISO 2613-1

Analysis of natural gas - Silicon content of biomethane - Part 1: Determination of total silicon content by AES (ISO/DIS 2613-1:2022)

This document is applicable to the determination of the total silicon content in gaseous matrices such as biomethane, biogas and landfill gas. Silicon is present in a gas phase contained predominantly in siloxane compounds, trimethylsilane and trimethylsilanol. The analytical form of the silicon measured in liquid phase after conducted sampling and derivatization procedure is soluble hexafluorosilicate anion stable in slightly acidified media. Total silicon is expressed as a mass of silicon in the volume of the analysed gas. This document is applicable to all stated gas matrices with silicon concentrations up to 5 mg/m3, and it is prevalently intended for the biomethane matrices containing (0,1 to 0,5) mg/m3. It can be used for higher concentration but then the absorption efficiency of the bubblers/impingers should be checked before the results can be regarded as valid. The detection limit of the method is estimated as 0,05 mg/m3 based on a sample volume of 0,020 m3. All compounds present in the gas phase are volatile at the absorption and derivatization temperature and gaseous siloxanes are trapped in absorbance media and derivatized into analytical silicon specie are measured by this method. The concentration of the silicon is measured in diluted derivatization media using atomic emission spectrometer upon atomisation/ionisation in microwave or inductively coupled plasma.

Keel: en
Alusdokumendid: ISO/DIS 2613-1; prEN ISO 2613-1

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEVS-EN 590:2022/prNA

Mootorikütused. Diislikütus. Nõuded ja katsemeetodid. Eesti standardi rahvuslik lisa. Automotive fuels - Diesel - Requirements and test methods - Estonian National Annex

Eesti standardi rahvuslik lisa Euroopa standardile EN 590:2022

Keel: et

Asendab dokumenti: EVS-EN 590:2013/NA:2017
Täiendab rahvuslikult dokumenti: prEVS-EN 590

Arvamusküsitluse lõppkuupäev: 30.05.2022

77 METALLURGIA

prEN ISO 10062
Corrosion tests in artificial atmosphere at very low concentrations of polluting gas(es) (ISO/DIS 10062:2022)

ISO 10062:2006 specifies tests which are intended to determine the influence of one or more flowing polluting gas(es) at volume fractions less than or equal to 0,000001 on test samples and/or articles of metals and alloys with or without corrosion protection under determined conditions of temperature and relative humidity. These tests apply to metals and their alloys, metallic coatings (anodic and cathodic), metals with conversion coatings, metals with anodic oxide coatings, and metals with organic coatings.

Keel: en
Alusdokumendid: ISO/DIS 10062; prEN ISO 10062
Asendab dokumenti: EVS-EN ISO 10062:2008

Arvamusküsitluse lõppkuupäev: 30.05.2022

83 KUMMI- JA PLASTITÖÖSTUS

prEN 15347
Plastics - Recycled plastics - Characterisation of sorted plastics wastes

This document provides a scheme for the characterisation of sorted plastics wastes, laying out those properties for which the supplier of the waste shall make information available to the purchaser, and appropriate test methods where applicable. The scheme provides for a division of information between "Required characteristics", where a statement is required and additional "Optional characteristics" which the supplier should provide based on the contractual agreements. This document is applicable without prejudice to any existing legislation. NOTE This document does not cover the characterisation of plastics recyclates.

Keel: en
Alusdokumendid: prEN 15347
Asendab dokumenti: EVS-EN 15347:2008

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN 15348
Plastics - Recycled plastics - Characterization of poly(ethylene terephthalate) (PET) recyclates

This document defines a method of specifying delivery conditions for poly(ethylene terephthalate) (PET) recyclates. It gives the most important characteristics and associated test methods for assessing PET recyclates intended for use in the production of semi-finished/finished products. It is intended to support parties involved in the use of polyethylene terephthalate (PET) by mechanical recycling to agree on specifications for specific and generic applications. This document is applicable without prejudice to any existing legislation. This document does not cover the characterization of plastic waste, which is covered by EN 15347, neither traceability topics which are covered by EN 15343.

Keel: en
Alusdokumendid: prEN 15348
Asendab dokumenti: EVS-EN 15348:2014

Arvamusküsitluse lõppkuupäev: 30.05.2022

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN ISO 4618
Paints and varnishes - Vocabulary (ISO/DIS 4618:2022)

This document defines terms used in the field of coating materials (paints, varnishes and raw materials for paints and varnishes). Terms relating to specific applications and properties are dealt with in standards concerning those applications and properties, e.g. corrosion protection (see ISO 12944), coating powders (see ISO 8130-14), electro-deposition coatings (see ISO 22553-1) and rheology (see ISO 3219-1). Terms on nanotechnologies are harmonized with ISO/TS 80004-4. Terms on pigments and extenders are harmonized with ISO 18451-1. In addition to terms in English and French (two of the three official ISO languages), this document gives the equivalent terms in German; these are published under the responsibility of the member body for Germany (DIN). However, only the terms and definitions given in the official languages can be considered as ISO terms and definitions. NOTE Those terms that are defined elsewhere in this International Standard are shown in italics.

Keel: en
Alusdokumendid: ISO/DIS 4618; prEN ISO 4618
Asendab dokumenti: EVS-EN ISO 4618:2014

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN ISO 7142

Binders for paints and varnishes - Epoxy resins - General methods of test (ISO/DIS 7142:2022)

ISO 7142:2007 specifies general methods of test for epoxy resins for use in paints, varnishes and similar products. It is also applicable to those solutions made from epoxy resins that are intended for use as binders for paints and varnishes. The test methods described are not intended for epoxy esters.

Keel: en
Alusdokumendid: ISO/DIS 7142; prEN ISO 7142
Asendab dokumenti: EVS-EN ISO 7142:2007

Arvamusküsitluse lõppkuupäev: 30.05.2022

91 EHITUSMATERJALID JA EHITUS

prEN 13241

Industrial, commercial, garage doors and gates - Product standard, performance characteristics

1.1 General This document specifies the safety and performance requirements for industrial, commercial, garage doors and gates and barriers, intended for installation in areas in the reach of persons, and for which the main intended uses are giving safe access for goods and vehicles accompanied or driven by persons in industrial, commercial or residential premises. This document also covers commercial doors such as rolling shutters and rolling grilles used in retail premises which are mainly provided for the access of persons rather than vehicles or goods. These doors can include manual pedestrian pass doors incorporated in the door leaf which are also covered by this document. These devices can be manually or power operated. 1.2 Exclusions This document does not apply to: - lock gates and dock gates; - doors on lifts; - doors on vehicles; - armoured doors; - doors mainly for the retention of animals, unless they are at the site perimeter; - theatre textile curtains; - horizontally moving power operated doors mainly intended for pedestrian use; - doors outside the reach of people (such as crane gantry fences); - railway barriers; - barriers intended solely for use by pedestrians; - barriers used solely for vehicles on motorways.

Keel: en
Alusdokumendid: prEN 13241
Asendab dokumenti: EVS-EN 13241:2003+A2:2016

Arvamusküsitluse lõppkuupäev: 30.04.2022

prEN 15026

Hygrothermal performance of building components and building elements - Assessment of moisture transfer by numerical simulation

This document specifies the model components to be used in a numerical hygrothermal simulation model for calculating the transient transfer of heat and moisture through building structures. This document specifes a method to be used for validating a numeric hygrothermal simulation model claiming conformity with this ocument.

Keel: en
Alusdokumendid: prEN 15026
Asendab dokumenti: EVS-EN 15026:2007

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN 15091

Sanitary tapware - Electronic opening and closing sanitary tapware

The purpose of this document is to define requirements for marking, identification, leaktightness, electrical and operational safety and mechanical resistance for sanitary tapware with opening and closing controlled electronically. The conditions of use for the supply system type are specified in Table 2: [Table 2] Annex B lists possible consequences of using a product outside its recommended operating range. [Figure 1] [Figure 2] A vented domestic hot water and cold water supply system incorporating gravity hot water, mains cold water and alternative gravity cold water supply to sanitary appliances.

Keel: en
Alusdokumendid: prEN 15091
Asendab dokumenti: EVS-EN 15091:2013

Arvamusküsitluse lõppkuupäev: 30.05.2022

prHD 60364-4-43:2022

Low-voltage electrical installations - Part 4-43: Protection for safety - Protection against overcurrent

This part of IEC 60364 provides requirements for: – protection of live conductors, PEN conductors, PEM conductors, and PEL conductors against the harmful effect caused by overcurrent. – coordination of measures for protection against overcurrent NOTE 1 The requirements of this standard do not take account of external influences. NOTE 2 Protection of conductors according to this standard does not necessarily protect the equipment connected to the conductors. NOTE 3 Flexible cables connecting equipment by plugs and socket-outlet to fixed installations are not part of the scope of this standard and for this reason are not necessarily protected against the harmful effect caused by overcurrent. NOTE 4 Disconnection does not mean isolation in this standard.

Keel: en
Alusdokumendid: IEC 60364-4-43 ED4; prHD 60364-4-43:2022

Asendab dokumenti: EVS-HD 60364-4-43:2010

Arvamusküsitluse lõppkuupäev: 30.05.2022

97 OLME. MEELELAHUTUS. SPORT

prEN 17826

Child care articles - Chemical hazards - Requirements and test methods

This European Standard specifies chemical requirements,test and compliance assessment methods for child care articles within the scope of CEN TC 252. Excluded from the scope are soothers (EN 1400), soother holders (EN 12586), drinkingequipment, (EN 14350) and cutlery and feeding utensils (EN 14372). NOTE A non-exhaustive list of standards for child care articles covered by TC 252 is given in Annex A. An up-to-date list can be found on the CEN website:https://standards.cen.eu.

Keel: en
Alusdokumendid: prEN 17826

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN 30-2-1

Domestic cooking appliances burning gas - Part 2-1: Rational use of energy - General

This European Standard sets out the requirements and the test method for the rational use of energy of gas burning domestic cooking appliances, in accordance with EN 30-1-1:2021, Clause 1. This European Standard covers type testing only. NOTE The calorific values specified in this European Standard are based on the gross calorific value (Hs) as defined in EN 30–1-1:2008+A3:2013.

Keel: en
Alusdokumendid: prEN 30-2-1
Asendab dokumenti: EVS-EN 30-2-1:2015

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN 484

Specification for dedicated liquefied petroleum gas appliances - Independent stoves, including those incorporating a grill for outdoor use

This document specifies constructional and performance characteristics, safety specifications and rational use of energy, relevant test methods and marking of independent stoves, side burners, covered burners, open burners, griddles, radiant grills, burning liquefied petroleum gas, referred to in the body of the text as "appliances". This document covers appliances, used outdoors and operating with the gases of the third family according to EN 437:2018. Appliances used in leisure vehicles and boats are outside the field of application of this standard. Independent stove burners, whose nominal heat input is below 1,16 kW, griddles and radiant grills, are not subject to any special requirement concerning the rational use of energy due to their low rate and their use for short periods of time. This document does not state all requirements for appliances of other nature incorporating a stove (for example barbecues are not covered by this standard but a side burner of a barbecue is covered by this standard). This document does not cover regulators that are used with those appliances.

Keel: en
Alusdokumendid: prEN 484
Asendab dokumenti: EVS-EN 484:2019
Asendab dokumenti: EVS-EN 484:2019/AC:2020

Arvamusküsitluse lõppkuupäev: 30.05.2022

prEN ISO 11638

Resilient floor coverings - Heterogeneous poly(vinyl chloride) flooring on foam - Specification (ISO 11638:2020, including corrected version 2021-09)

This document specifies the characteristics of heterogeneous poly(vinyl chloride) flooring on foam, based on poly(vinyl chloride), and supplied in roll form or tile and plank. Such products can contain a transparent, non PVC factory finish. To encourage the consumer to make an informed choice, this document includes a classification system, based on intensity of use, which shows where these floor coverings can be expected to give satisfactory service. It also specifies requirements for marking.

Keel: en
Alusdokumendid: ISO 11638:2020; prEN ISO 11638
Asendab dokumenti: EVS-EN 651:2011

Arvamusküsitluse lõppkuupäev: 30.05.2022

TÕLKED KOMMENTEERIMISEL

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

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

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

prEVS-EN 590

Mootorikütused. Diislikütus. Nõuded ja katsemeetodid

See dokument sätestab turustatavale ja tarnitavale diislikütusele esitatavad nõuded ja katsemeetodid. Standard kehtib kütusele, mida kasutatakse kuni 7 mahu% rasvhappemetüülestreid (FAME) sisaldava diislikütuse jaoks konstrueeritud diiselmootoriga sõidukites. MÄRKUS Kõnealuses Euroopa standardis kasutatakse massiosade ja mahuosade eristamiseks vastavalt tähiseid „% (m/m)“ ja „% (V/V)“. EE MÄRKUS Selles Eesti standardis kasutatakse vastavalt tähiseid „massi%“ ja „mahu%“.

Keel: et
Alusdokumendid: EN 590:2022

Kommenteerimise lõppkuupäev: 30.04.2022

ALGUPÄRASTE STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE KOOSTAMINE

Allpool on toodud teave eelmise EVS Teataja avaldamise järel Eesti Standardimis- ja Akrediteerimiskeskusele esitatud algupäraste standardite ja standardilaadsete dokumentide koostamis-, muutmis- ja uustöötlusettepanekute kohta, millega algatatakse Eesti algupärase dokumendi koostamise protsess.

Rohkem infot koostatava dokumendi kohta saab EVS-i standardiosakonnast: standardiosakond@evs.ee.

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

prEVS-EN 590:2022/prNA

Mootorikütused. Diislikütus. Nõuded ja katsemeetodid. Eesti standardi rahvuslik lisa
Automotive fuels - Diesel - Requirements and test methods - Estonian National Annex

Eesti standardi rahvuslik lisa Euroopa standardile EN 590:2022

Asendab dokumenti: EVS-EN 590:2013/NA:2017
Täiendab rahvuslikult dokumenti: prEVS-EN 590
Koostamisettepaneku esitaja: EVS/TK 37

STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE ÜLEVAATUS

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

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

PIKENDAMISKÜSITLUS

EVS 664:2017

Tahkekütused. Väävlisisaldus. Üldväävli ja selle sidemevormide määramine
Solid fuels. Sulphur content. Determination of total sulphur and its bonding forms

Selles Eesti standardis kirjeldatakse üldväävli ja selle erimite (sulfaat, sulfiid, püriit ja orgaaniline väävel) määramise metoodikaid turbas, puidus, põlevkivis, kivisöes ning nende termilise töötlemise ja põletamise tahkejääkides.

Pikendamisküsitluse lõppkuupäev: 30.04.2022

EVS 840:2017

Juhised radoonikaitse meetmete kasutamiseks uutes ja olemasolevates hoonetes
Guidance for radon-protective measures for new and existing buildings

Selles Eesti standardis antakse projekteerijatele ja ehitajatele juhised radooniohutu hoone ehitamiseks, et vältida tervist kahjustava radooni lubatud viitetaseme ületamist ruumides, kus inimesed pikemat aega viibivad. Standardis on esitatud valik radooniohu vähendamise meetmeid. Tuleb arvestada, et see loetelu ja lahendused pole lõplikud ning lisaks võib radooniohutuse tagada ka muude lahendustega, mille toimivust on uuritud ja dokumenteeritult tõestatud.

Pikendamisküsitluse lõppkuupäev: 30.04.2022

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 875-7:2016

Vara hindamine. Osa 7: Hinnangu läbivaatus
Property valuation - Part 7: Reviewing of valuations

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusalad on vara hindamise ja hinnangute kasutamisega seotud tegevused, eelkõige laenutagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See Eesti standard on standardisarja EVS 875 „Vara hindamine“ osa, milles käsitletakse hinnangu läbivaatamise eesmärke, liike, protseduuri, hinnangu läbivaataja pädevust ja seost hindamise heade tavadega. Tegemist on standardi EVS 875-7:2011 „Vara hindamine. Osa 7: Hinnangu läbivaatus“ uustöötlusega.

Kehtima jätmise alus: EVS/TK 36 otsus 11.02.2022 2-5/3 ja teade pikendamisküsitlusest 15.02.2022 EVS Teatajas

TÜHISTAMISKÜSITLUS

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

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

EVS-EN 60320-2-2:2001

Seadme-pistikühendused majapidamis- ja muuks taoliseks üldkasutuseks. Osa 2: Seadmetevahelised pistikühendused majapidamis- ja muudele taolistele seadmetele
Appliance couplers for household and similar general purposes - Part 2: Interconnection couplers for household and similar equipment

Applicable to two-pole interconnection couplers for a.c. only, with and without earthing contact, with a rated voltage not exceeding 250 V and a rated current not exceeding 16 A. Applicable also to interconnection cord sets incorporating plug connectors of such interconnection couplers.

Keel: en
Alusdokumendid: IEC 60320-2-2:1998; EN 60320-2-2:1998
Tühistamisküsitluse lõppkuupäev: 30.04.2022

TEADE EUROOPA STANDARDI OLEMASOLUST

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

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

EN 10169:2022

Continuously organic coated (coil coated) steel flat products - Technical delivery conditions

Eeldatav avaldamise aeg Eesti standardina 09.2022

EN 590:2022

Automotive fuels - Diesel - Requirements and test methods

Eeldatav avaldamise aeg Eesti standardina 07.2022

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

EVS 614:2022

Teemärgised ja nende kasutamine
Traffic markings and their installation requirements

See Eesti standard kehtestab Eesti teeliikluses teede märgistamise korra ja põhimõtted.

EVS 835:2022

Hoone veevärk
Water supply systems inside buildings

See standard kehtib hoone veevärkidele, mis on ühendatud ühisveevärgiga või kohaliku veevarustusallikaga. Hoone veevärgi all mõistetakse hoonesisest külma- ja soojaveetorustikku koos toruarmatuuriga, veevarustusseadmeid ja maa-alust veetoru hoone piires kuni vundamendini (vt joonis 1.1). Standardi nõudeid tuleb täita nii uue hoone veevärgi projekteerimisel, paigaldamisel ja katsetamisel kui ka olemasolevate veevärkide remondil ja ümberehitusel.

EVS 921:2022

Veevarustuse välisvõrk
Water supply systems outside buildings

See Eesti standard on rakendatav omandivormist sõltumata veevarustuse välisvõrkudele, sealhulgas veevõrgule alates veetöötlusjaamast või puurkaev-pumplast kuni hoonete välisseinani. Standard on alus veevõrgu projekteerimisel, veetorustike dimensioonimisel ja pumpade ning teiste abiseadmete valimisel ning on kasutatav nii uue veevõrgu rajamisel kui ka olemasoleva veevõrgu laiendamisel ja ümberehitamisel. Standardis määratakse kindlaks funktsionaalsed nõuded veevarustuse välisvõrgule planeerimise, projekteerimise, ehitamise, käitamise, hoolduse ja ekspluatatsiooni asjus ning tegevused nõuete täitmiseks. Veekäitluses sisaldub veehaare, veetöötlus, vee säilitamine ja edastamine (veevarustuse välisvõrk/ jaotamine) tarbijale (vt joonis 1). Veehaarde-veeallika valikul juhinduda asjakohastest õigusaktidest ja standardist EVS 847-1, vee töötlemisel juhinduda standardist EVS 847-2, vee jaotamisel tarbijale juhinduda asjakohastest õigusaktidest ning standarditest EVS 921 ja EVS 835.

EVS-EN 12732:2022

Gaasivarustussüsteemid. Terastorustiku keevitamine. Talitlusnõuded
Gas infrastructure - Welding steel pipework - Functional requirements

See dokument sisaldab nõudeid gaasivarustussüsteemi terasest maismaatorustike ja torustike paigaldamisel ja muutmisel, kaasa arvatud kasutusaegne keevitamine, kasutatud keevisliidete tootmiseks ja katsetamiseks. See sisaldab kõiki rõhuvahemikke ning töödeldud mittetoksilisi ja mittekorrosiivseid maagaase standardi EN ISO 13686 kohaselt ning mittetraditsioonilisi gaase, nagu (gaasivõrku sisestatud) biometaani ja vesinikku, kus • ülekandetorustiku elemendid on tehtud mittelegeer- või madallegeer-süsinikterasest; • ülekandetorustik ei asu äri- ega tööstushoonetes tehnoloogilise protsessi integreeritud osana, välja arvatud ülekandetorustikud ja seadmed, mis varustavad gaasiga neid hooneid; • torustik ei asu majapidamises ega tööstuspaigaldistes vastavuses standardile EN 1775 või EN 15001; • süsteemi arvutustemperatuur on vahemikus −40 °C kuni 120 °C (kaasa arvatud). Sisestatud (gaasivõrku) biometaanile või vesinikule on tehtud talitluslike nõuete üksikasjalik tehniline hindamine, tagamaks, et seal ei ole ühtegi gaaside koostisosadest ega omadustest, mis võivad mõjutada ülekandetorustiku terviklikkust. See dokument ei rakendu keevisõmblustele, mis on valmistatud enne selle dokumendi avaldamist. See dokument määratleb üldised aluspõhimõtted gaasivarustussüsteemile. Selle dokumendi kasutajad peaksid olema teadlikud, et CEN-i liikmeriikides võivad olla veel detailsemad rahvuslikud standardid ja/või tegevusjuhised. See dokument on mõeldud kasutamiseks koos nende rahvuslike standarditega ja/või tegevusjuhistega, mis panevad paika ülalpool mainitud aluspõhimõtted. Lahkhelide korral, kui riigisiseste õigusnormide/määruste nõuded on rangemad selle dokumendi nõuetest, tuleb eesõigus anda riigisisestele õigusnormidele/määrustele, nagu on näidatud tehnilises aruandes CEN/TR 13737 (kõik osad). MÄRKUS CEN/TR 13737 (kõik osad) sisaldab • riigis kohalduvate asjakohaste õigusnormide/määruste selgitust; • kui on kohane, enam piiravaid riiklikke nõudeid; • rahvuslikku viimase info saamise kontaktpunkti.

EVS-EN ISO 20345:2022

Isikukaitsevahendid. Turvajalatsid
Personal protective equipment - Safety footwear (ISO 20345:2021)

Dokumendis on täpsustatud üldised ja lisa- (valikulised) nõuded üldotstarbeliselt kasutatavatele turvajalatsitele. See hõlmab näiteks mehaanilisi riske, libisemisvastasust, temperatuurist tingitud riske, ergonoomilisi omadusi. Lisaks täpsustatakse nõuded kohandatud sisetaldadega varustatud turvajalatsitele, kohandatud turvajalatsitele või individuaalselt valmistatud kohandatud turvajalatsitele. See standard ei hõlma kõrgnähtavuse funktsiooni, kuna jalatseid mõjutavad nii rõivastus (nt püksid katavad jalatsid kinni) kui ka töökeskkonna tingimused (nt mustus, muda). Eririske on käsitletud tööalastes lisastandardites (nt tuletõrjujate jalatsid, elektriisolatsiooniga jalatsid, kaitse kettsae põhjustatud vigastuste eest, kaitse kemikaalide ja sulametalli pritsmete eest, mootorratturite kaitse).

EVS-EN ISO 8848:2021

Väikelaevad. Kaugjuhtimisega mehaanilised rooliseadmed
Small craft - Remote mechanical steering systems (ISO 8848:2020)

See dokument täpsustab projekteerimis-, ehitus-, paigaldus- ja katsetusnõuded kaugjuhitavate mehaanilise trossiga rooliseadmete jaoks ning väljundvarda liidestuspunkti väikelaevade roolide, joamootorite, päramootorite ja pöördkäiturite jaoks. See kehtib erinevat tüüpi veesõidukitel kasutatavate rooliseadmete kolmele eri liigile: — standardse töörežiimiga rooliseadmed väikelaevadele ühe- ja kahekordse paigaldusega päramootorite (koguvõimsusega üle 15 kW) ning roolide, pöördkäiturite ja veejoamootoritega; — kerge töörežiimiga rooliseadmed väikelaevadele ühe päramootoriga, mille võimsus on 15 kW kuni 40 kW; — jugakäituriga rooliseadmed, välja arvatud isiklik veesõiduk. MÄRKUS Standardse ja kerge töörežiimiga rooliseadmed on mehaaniliselt vahetatavad. Standardse töörežiimiga rooliseadet saab kasutada veesõidukil, mis on projekteeritud kasutamiseks koos kerge töörežiimiga rooliseadmega. Samas ei saa aga kerge töörežiimiga rooliseadet kasutada veesõidukil, mis vajab standardse töörežiimiga rooliseadet. Jugakäituriga rooliseadmed on eelmainitud süsteemidest mehaaniliselt eristatud ja neid võib kasutada ainult jugakäituriga veesõidukil, nagu selles dokumendis määratletud. See dokument ei käsitle vahendeid veesõiduki juhtimiseks hädaolukorras.

EVS-EN ISO 9712:2022

Mittepurustav katsetamine. NDT personali kvalifitseerimine ja sertifitseerimine
Non-destructive testing - Qualification and certification of NDT personnel (ISO 9712:2021)

See dokument sätestab kvalifitseerimise ja sertifitseerimise nõuded personalile, kes teeb tööstuslikke mittepurustavaid katsetusi (NDT) järgmiste meetoditega: a) akustilise emissiooni katsetus; b) pöörisvoolu katsetus; c) lekkekatse (välja arvatud hüdraulilised survekatsed); d) magnetkatsetus; e) penetrantkatsetus; f) radiograafiline katsetus; g) tensomeetriakatse; h) termograafiline katsetus; i) ultraheli katsetus; j) visuaalne kontroll (välja arvatud otsesed palja silmaga tehtavad visuaalsed katsed ja visuaalsed katsed, mis tehakse muu NDT-meetodi rakendamisel). Selles dokumendis sätestatud süsteem on kohaldatav ka muudele NDT-meetoditele või kindlaks määratud NDT-meetodi ulatuses uutele NDT-tehnikatele eeldusel, et olemas on kõikehõlmav sertifitseerimiskava ning et NDT-meetod või NDT-tehnika kuulub rahvusvaheliste, piirkondlike või rahvuslike standardite käsitlusalasse või et NDT-meetodi või NDT-tehnika efektiivsust on demonstreeritud sertifitseerimisasutusele. MÄRKUS 1 Mõiste „tööstuslik“ vihjab meditsiinivaldkonna rakenduste välistamisele. MÄRKUS 2 CEN/TR 14748 sisaldab juhiseid mittepurustavate katsete kvalifitseerimise metoodika kohta. MÄRKUS 3 See dokument sätestab nõuded tegelikult kolmanda poole vastavushindamiskavadele. Need nõuded ei ole otseselt kohaldatavad teise või esimese poole tehtavale vastavushindamisele, ent selle dokumendi asjakohaste osade poole võib selliste kokkulepete puhul pöörduda. MÄRKUS 4 Mõiste „otsene visuaalne kontroll ilma abita“ tähendab, et vaatleja silmast katsealasse kulgeb katkematu optiline tee ja vaatleja ei kasuta tööriistu ega seadmeid (nt peeglit, endoskoopi, fiiberoptikat). MÄRKUS 5 Muudel NDT-meetoditel põhinevad koormuse arvutused on välistatud.

EVS-ISO 23081-2:2022

Informatsioon ja dokumentatsioon. Dokumentide haldamise metaandmed. Osa 2: Kontseptuaalsed ja rakenduslikud küsimused
Information and documentation - Metadata for managing records - Part 2: Conceptual and implementation issues (ISO 23081-2:2021, identical)

See dokument kehtestab metaandmeelementide määratlemise raamistiku kooskõlas standardis ISO 23081-1 esitatud põhimõtete ja rakendamiskaalutlustega. Selle raamistiku eesmärk on a) võimaldada dokumentide ja dokumentide jaoks oluliste kontekstiolemite standardne kirjeldamine; b) tagada ühtne arusaam kindlaksmääratud rühmitustasanditest, et võimaldada dokumentide ja dokumente puudutava informatsiooni koostalitlus organisatsiooni erinevate süsteemide vahel; ning c) võimaldada dokumentide haldamise metaandmete järjepidev taaskasutus ja standardsus ajas, ruumis ja erinevates rakendustes. Lisaks määratletakse mõned otsustamist vajavad küsimused, millele tuleb tähelepanu osutada ja mida tuleb dokumenteerida, et dokumentide haldamise metaandmete juurutamine oleks võimalik. Selle eesmärk on määratleda — küsimused, millega on vaja tegeleda dokumentide haldamise metaandmete rakendamisel; — erinevad võimalused nende küsimustega tegelemiseks ja nende selgitamiseks ning — erinevad otsuse langetamise viisid ja see, kuidas tehakse valikuid dokumentide haldamise metaandmete rakendamisel.

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 ISO 8848:2021	Väikelaevad. Kaugjuhtimisega rooliseadmed	Väikelaevad. Kaugjuhtimisega mehaanilised rooliseadmed

UUED HARMONEERITUD STANDARDID

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

Harmoneeritud standardiks nimetatakse EL-i õigusaktide kontekstis Euroopa Komisjoni standardimisettepaneku alusel Euroopa standardimisorganisatsioonide koostatud ja vastu võetud standardit.

Harmoneeritud standardite kasutamise korral eeldatakse enamiku vastavate õigusaktide mõistes, et standardi kohaselt valmistatud toode täidab õigusakti olulisi nõudeid ning on üldjuhul kõige lihtsam viis tõendada õigusaktide oluliste nõuete täitmist. Harmoneeritud standardi täpne tähendus ja õiguslik staatus tuleneb siiski iga õigusakti tekstist eraldi ning võib õigusaktist olenevalt erineda.

Lisainfo:
https://ec.europa.eu/growth/single-market/european-standards/harmonised-standards

Eesti Standardimis- ja Akrediteerimiskeskus avaldab ametlikus väljaandes harmoneeritud standardeid ülevõtvate Eesti standardite kohta järgmist infot:

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

Info esitatakse vastavate õigusaktide kaupa.

Direktiiv 2014/53/EL
Raadioseadmed
Komisjoni rakendusotsus (EL) 2022/498,
millega muudetakse rakendusotsust (EL) 2020/167
(EL Teataja 2022/L 101)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN 300 718-1 V2.2.1:2021 Sagedusel 457 kHz töötavad laviiniohvrite detekteerimisseadmed; Saate – vastuvõtu süsteemid; Osa 1. Raadiospektrile juurdepääsu harmoneeritud standard	29.03.2022		
Märkus 1: selle harmoneeritud standardi järgimine ei anna alust eeldada vastavust direktiivi 2014/53/EL artikli 3 lõikes 2 sätestatud olulisele nõudele, kui kohaldatakse selle standardi punkti 5.1.3.1 viimast lauset. Märkus 2: see harmoneeritud standard ei anna alust eeldada vastavust seoses kõrvalsageduse signaali summutusega.			
EVS-EN 301 444 V2.2.1:2021 Satelliitside maajaamad ja süsteemid (SES); Sagedusalades 1,5 GHz ja 1,6 GHz kõne- ja/või andmeedastust võimaldavate liikuva maaside maajaamad (LMES) ja liikuva mereside maajaamad (MMES); Raadiospektrile juurdepääsu harmoneeritud standard	29.03.2022	EN 301 444 V2.1.2	29.09.2023
Märkus: selle harmoneeritud standardi järgimine ei anna alust eeldada vastavust direktiivi 2014/53/EL artikli 3 lõikes 2 sätestatud olulisele nõudele, kui kohaldatakse üht alljärgnevatest sätetest: a) selle standardi punkti 5.2.1 teist lõiku; b) selle standardi punkti 5.2.2.3.1; c) selle standardi punkti 5.2.3 esimest lõiku; d) selle standardi punkti 5.2.4 esimest lõiku; e) selle standardi punkti 5.2.5 esimest lõiku.			
EVS-EN 301 908-1 V15.1.1:2021 IMT kärgsidesidevõrgud; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 1. Sissejuhatus ja üldised nõuded versioon 15	29.03.2022	EN 301 908-1 V13.1.1	29.09.2023
Märkus: selle harmoneeritud standardi järgimine ei anna alust eeldada vastavust direktiivi 2014/53/EL artikli 3 lõikes 2 sätestatud olulisele nõudele, kui kohaldatakse selle standardi punkti 5.3.2.1 märkust 3.			
EVS-EN 301 908-14 V15.1.1:2021 IMT kärgsidevõrgud; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 14. E-UTRA baasjaamad (BS) versioon 15	29.03.2022	EN 301 908-14 V13.1.1	29.09.2023
EVS-EN 301 908-15 V15.1.1:2020 IMT kärgsidevõrgud; Raadiospektri juurdepääsu harmoneeritud standard; Osa 15. E-UTRA FDD repiiterid	29.03.2022	EN 301 908-15 V11.1.2	29.09.2023

EVS-EN 301 908-18 V15.1.1:2021 IMT kärgsidevõrgud; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 18: E-UTRA, UTRA ja GSM/EDGE multistandard raadio (MSR) baasjaam (BS) versioon 15	29.03.2022	EN 301 908-18 V13.1.1	29.09.2023
EVS-EN 302 217-2 V3.3.1:2021 Paiksed raadiosüsteemid; Raadioliinide seadmete ja antennide karakteristikud ja nõuded; Osa 2. Raadiosagedusalades 1-86 GHz töötavad digitaalsüsteemid; Raadiospektrile juurdepääsu harmoneeritud standard	29.03.2022	EN 302 217-2 V3.2.2	29.09.2023
EVS-EN 302 296 V2.2.1:2021 Maapealse digitelevisiooni raadiosaatjad; Raadiospektrile juurdepääsu harmoneeritud standard	29.03.2022	EN 302 296-2 V1.2.1	29.09.2023
Märkus: selle harmoneeritud standardi järgimine ei anna alust eeldada vastavust direktiivi 2014/53/EL artikli 3 lõikes 2 sätestatud olulisele nõudele, kui selle standardi punktis 5.4.2.5 sätestatud katse läbiviimisel kasutatakse sidestusseadet.			
EVS-EN 302 480 V2.2.1:2021 Süsteemid mobiilsidele lennuki pardal (MCOBA); Raadiospektrile juurdepääsu harmoneeritud standard	29.03.2022	EN 302 480 V2.1.2	29.09.2023
EVS-EN 302 567 V2.2.1:2021 Raadiosagedusalas 60 GHz töötavad multi-gigabit/s raadioseadmed; Raadiospektrile juurdepääsu harmoneeritud standard	29.03.2022	EN 302 567 V1.2.1	29.09.2023
EVS-EN 303 345-3 V1.1.1:2021 Raadioringhäälingu vastuvõtjad; Osa 3. FM raadioringhäälingu vastuvõtjad; Raadiospektrile juurdepääsu harmoneeritud standard	29.03.2022		
EVS-EN 303 345-4 V1.1.1:2021 Raadioringhäälingu vastuvõtjad; Osa 4. DAB raadioringhäälingu vastuvõtjad; Raadiospektrile juurdepääsu harmoneeritud standard	29.03.2022		
EVS-EN 303 348 V1.2.1:2021 Raadiosagedusliku magnetkontuuri kuni 45 A juhtseade sagedustel 10 Hz kuni 9 kHz; Raadiospektrile juurdepääsu harmoneeritud standard	29.03.2022		
EVS-EN 303 364-2 V1.1.1:2021 Seire primaarradar (PSR); Raadiospektrile juurdepääsu harmoneeritud standard; Osa 2. Lennujuhtimise (ATC) PSR sensorid, mis töötavad sagedusvahemikus 2 700 MHz kuni 3 100 MHz (sagedusriba S)	29.03.2022		
Märkus: viidates selle harmoneeritud standardi punktidele 4.2.1.4 ja 5.3.1.5, ei anna selle harmoneeritud standardi järgimine alust eeldada vastavust direktiivi 2014/53/EL artikli 3 lõikes 2 sätestatud olulisele nõudele seadmete puhul, milles ei ole kasutatud kombineeritud WR284/WG10/R32 lainejuhte võimsuse ülekandmiseks saatja ja antenni vahel.			
EVS-EN 303 372-1 V1.2.1:2021 Satelliitside maajaamad ja süsteemid (SES); Satelliit-ringhäälingu vastuvõtjad; Osa 1. Välisseade vastuvõtusagedusega 10,7 GHz kuni 12,75 GHz; Raadiospektrile juurdepääsu harmoneeritud standard	29.03.2022		
Märkus: selle harmoneeritud standardi järgimine ei anna alust eeldada vastavust direktiivi 2014/53/EL artikli 3 lõikes 2 sätestatud olulisele nõudele, kui kohaldatakse selle standardi punkti 4.3.5 alljärgnevat lauset: „Seda nõuet ei kohaldata, kui välisseade on projekteeritud konkreetse satelliidivõrgu jaoks, mis kasutab mõlemat polarisatsiooni”.			
EVS-EN 303 372-2 V1.2.1:2021 Satelliitside maajaamad ja süsteemid (SES); Satelliit-ringhäälingu vastuvõtjad; Osa 2. Siseseade; Raadiospektrile juurdepääsu harmoneeritud standard	29.03.2022		

EVS-EN 303 413 V1.2.1:2021 Satelliitside maajaamad ja süsteemid (SES); Ülemaailmse satelliitnavigatsioonisüsteemi (GNSS) vastuvõtjad; Sagedusalades 1164 - 1300 MHz ja 1559 - 1610 MHz töötavad raadioseadmed; Raadiospektrile juurdepääsu harmoneeritud standard	29.03.2022
EVS-EN 303 758 V1.1.1:2021 TETRA raadioseadmed, mis kasutavad vahelduvat mähisjoone modulatsiooni ja kanalilaiust 25 kHz, 50 kHz, 100 kHz või 150 kHz; Raadiospektrile juurdepääsu harmoneeritud standard	29.03.2022
EVS-EN 303 980 V1.2.1:2021 Satellitside maajaamad ja süsteemid (SES); Saatesagedusel 11 GHz - 14 GHz mittegeostatsionaarorbiidil satelliidisüsteemidega (NEST) suhtlevad statsionaarsed ja liikuvad maajaamad; Raadiospektrile juurdepääsu harmoneeritud standard	29.03.2022
Märkus: selle harmoneeritud standardi järgimine ei anna alust eeldada vastavust direktiivi 2014/53/EL artikli 3 lõikes 2 sätestatud olulisele nõudele, kui kohaldatakse selle standardi punkti 6.1.1 teist lauset.	
EVS-EN 303 981 V1.2.1:2021 Kosmoseside maajaamad ja süsteemid (SES); Saatesagedusel 11 GHz - 14 GHz mittegeostatsionaarorbiidil laiaribaliste kosmoseside süsteemidega (WBES) suhtlevad statsionaarsed ja liikuvad maajaamad; Raadiospektrile juurdepääsu harmoneeritud standard	29.03.2022
Märkus: selle harmoneeritud standardi järgimine ei anna alust eeldada vastavust direktiivi 2014/53/EL artikli 3 lõikes 2 sätestatud olulisele nõudele, kui kohaldatakse selle standardi punkti 6.1.1 teist lauset.	