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Uued Eesti standardid

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Algupäraste standardite koostamine ja ülevaatus

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ASUTATUD JA TEGEVUSE LÕPETANUD KOMITEED

EVS/TK 87 „Tekstiilmaterjalid ja tekstiiltooted“ asutamine

Komitee tähis: EVS/TK 87
Komitee nimi: Tekstiilmaterjalid ja tekstiiltooted
Komitee asutamise kuupäev: 15.04.2025
Komitee käsitlusala: Tekstiilmaterjalide, tekstiiltoodete ja toodete tekstiilmaterjalidest osade standardiseerimine järgmistes valdkondades:
1) katsemeetodid;
2) terminid ja definitsioonid;
3) spetsifikatsioonid
4) vajadusel klassifitseerimine nende eeldatava käitumise osas;
5) tekstiili tarneahela eetilised ja keskkonnaalased aspektid.

Komitee esimees: Tiia Plamus, Tallinna Tehnikaülikool
EVS koordinaator Triin Pukk (triin.pukk@evs.ee)

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN IEC 63563-2:2025
Qi Specification version 2.0 - Part 2: Glossary

IEC 63563-2:2025 provides glossary of definitions, acronyms, and symbols for the the Qi Specification, which applies to flat surface devices such as mobile phones and tablets that use up to 15 W of power

Keel: en
Alusdokumendid: EN IEC 63563-2:2025; IEC 63563-2:2025

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

CWA 18203:2025
Fossil Free Products - Guidelines and Requirements for Fossil Fuel Free Supply Chains

This document provides guidelines and requirements for fully and partially fossil free supply chains for physical, digital and hybrid products and services. The document focuses on transparency of fossil fuel use and fossil-derived materials within supply chains, rather than on individual products. The intended audience for this document includes: - Manufacturers of physical goods who wish to increase transparency regarding fossil fuel use in their production processes, including energy sources and fossil-derived materials. - Digital service providers who want to ensure that their infrastructure, including servers and digital services, meets fossil free criteria. - Suppliers within the supply chain who need to comply with the same fossil free requirements to ensure the certification extends across the entire chain. - Certification bodies that assess and verify that products and services meet the fossil free requirements outlined in this document. This document applies across industries working to increase transparency and decarbonize their supply chains, offering clear, specific requirements for identifying and tracking fossil reliance. However, it is important to note that the focus is strictly on upstream processes - material extraction, production, and transport - up to the point of final product delivery. This document does not evaluate broader sustainability metrics such as recycling, energy efficiency, the use phase of products by consumers, or end-of-life impacts. Additionally, it does not account for all greenhouse gases but is specifically limited to fossil fuels and fossil-based materials. By focusing on greater transparency and disclosure in fossil fuel use within supply chains, this document serves as a structured framework for tracking and reducing reliance on fossil fuels where possible. It is intended to complement, rather than replace, existing EU regulations and standards, which have priority and are intended to be fulfilled before applying this document. This document is greenhouse gas (GHG) programme neutral. If a GHG programme is applicable, requirements of that GHG programme are additional to the requirements of this document. [...]

Keel: en
Alusdokumendid: CWA 18203:2025

EVS-EN ISO 22163:2024+A1:2025
Raudteealased rakendused. Raudtee kvaliteedijuhtimissüsteem. ISO 9001:2015 ja raudteesektoris rakendamise erinõuded
Railway applications - Railway quality management system - ISO 9001:2015 and specific requirements for application in the railway sector (ISO 22163:2023 + ISO 22163:2023/Amd 1:2024)

See standard spetsifitseerib nõuded kvaliteedijuhtimissüsteemile juhuks, kui organisatsioon: a) peab näitama oma suutlikkust pakkuda järjekindlalt tooteid ja teenuseid, mis vastavad kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele ning b) püüab suurendada kliendi rahulolu süsteemi mõjusa rakendamise kaudu, sh süsteemi parendamise protsessid ja kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele vastavuse tagamine. Kõik selle rahvusvahelise standardi nõuded on üldised ja on mõeldud kohaldamiseks mis tahes organisatsioonile, selle tüübist, suurusest või tarnitavatest toodetest ja teenustest sõltumata. MÄRKUS 1 Selles rahvusvahelises standardis kasutatakse sõnu „toode“ ja „teenus“ ainult kliendile mõeldud või tema nõutud toote ja teenuse tähenduses. MÄRKUS 2 Seadusjärgsed ja normatiivsed nõuded võivad olla esitatud õigusaktide nõuetena. Selles dokumendis sätestatakse nõuded raudtee kvaliteedijuhtimissüsteemile (RKJS), mis — on kohaldatavad kogu raudteesektori tarneahelas, mis on seotud tööstustoodete ja -teenustega, — tagavad järjepideva parendamise, rõhutades defektide ennetamist ja defektide vähendamist tarneahelas ning — edendavad ja säilitavad toote kvaliteeti, sealhulgas selle ohutusaspekte.

Keel: en, et
Alusdokumendid: ISO 22163:2023; EN ISO 22163:2024; ISO 22163:2023/Amd 1:2024; EN ISO 22163:2024/A1:2025
Konsolideerib dokumenti: EVS-EN ISO 22163:2024
Konsolideerib dokumenti: EVS-EN ISO 22163:2024/A1:2025

11 TERVISEHOOLDUS

EVS-EN 14180:2025

Meditsiinilised steriliseerijad. Madaltemperatuuriga auru ja formaldehüüdi kasutavad steriliseerijad. Nõuded ja katsetamine
Sterilizers for medical purposes - Low temperature steam and formaldehyde sterilizers - Requirements and testing

1.1 This document specifies requirements and tests for LTSF sterilizers, which use a mixture of low temperature steam and formaldehyde as sterilizing agent, and which are working below ambient pressure only. These sterilizers are primarily used for the sterilization of heat labile medical devices in health care facilities. 1.2 This document specifies minimum requirements: - for the performance and design of sterilizers intended to deliver an LTSF process capable of sterilizing medical devices; - for the equipment and controls of these sterilizers which are needed for operation, control and monitoring of the sterilization processes, and which can be used for validation of the sterilization process. 1.3 This document specifies further test equipment and test procedures used to verify conformance of the equipment design and performance specified by this document. 1.4 This document does not specify requirements and tests for decontamination systems for use in rooms, enclosures, or environmental spaces.

Keel: en
Alusdokumendid: EN 14180:2025
Asendab dokumenti: EVS-EN 14180:2014

EVS-EN ISO 8871-5:2025

Elastomeric parts for parenterals and for devices for pharmaceutical use - Part 5: Functional requirements and testing (ISO 8871-5:2025)

This document specifies requirements and test methods for functional parameters of closures used in combination with vials and when pierced by an injection needle. NOTE Functional testing with spikes is specified in ISO 8536-2, ISO 8536-6, ISO 8362-1 and ISO 8362-4.

Keel: en
Alusdokumendid: ISO 8871-5:2025; EN ISO 8871-5:2025
Asendab dokumenti: EVS-EN ISO 8871-5:2016

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CWA 18201:2025

Soil-sediment-water system - Solutions to deal with PMT/vPvM substances

This document defines best practices, solutions, and guidelines concerning the management of (very) persistent ((v)P), (very) mobile ((v)M) and toxic (T) (PMT/vPvM) substances, not only assessing their behaviour in the soil-sediment-water system but also their possible prevention at source as well as end-of-pipe solutions. These solutions are clustered into categories (e.g. prevention and substitution, remediation measures, co-creation and prioritization, monitoring, hazard and exposure assessment) in order to reach various stakeholders working within the soil-sediment-water system. As part of the categorized solutions, a special focus is placed on the following five circular economy routes: a) Semi-closed water cycle for drinking water supply b) Wastewater reuse for agricultural irrigation c) Nutrient and energy recovery from treated sludge for fertilizers d) Material recovery from dredged sediment for eco-materials e) Groundwater and soil remediation to protect water cycle This document is applicable to researchers, public authorities, problem owners, NGOs, water utilities, chemical manufacturers and users, soil/brownfield actors or companies developing market-ready solutions.

Keel: en
Alusdokumendid: CWA 18201:2025

CWA 18203:2025

Fossil Free Products - Guidelines and Requirements for Fossil Fuel Free Supply Chains

This document provides guidelines and requirements for fully and partially fossil free supply chains for physical, digital and hybrid products and services. The document focuses on transparency of fossil fuel use and fossil-derived materials within supply chains, rather than on individual products. The intended audience for this document includes: - Manufacturers of physical goods who wish to increase transparency regarding fossil fuel use in their production processes, including energy sources and fossil-derived materials. - Digital service providers who want to ensure that their infrastructure, including servers and digital services, meets fossil free criteria. - Suppliers within the supply chain who need to comply with the same fossil free requirements to ensure the certification extends across the entire chain. - Certification bodies that assess and verify that products and services meet the fossil free requirements outlined in this document. This document applies across industries working to increase transparency and decarbonize their supply chains, offering clear, specific requirements for identifying and tracking fossil reliance. However, it is important to note that the focus is strictly on upstream processes - material extraction, production, and transport - up to the point of final product delivery. This document does not evaluate broader sustainability metrics such as recycling, energy efficiency, the use phase of products by consumers, or end-of-life impacts. Additionally, it does not account for all greenhouse gases but is specifically limited to fossil fuels and fossil-based materials. By focusing on greater transparency and disclosure in fossil fuel use within supply chains, this document serves as a structured framework for tracking and reducing reliance on fossil fuels where possible. It is intended to complement, rather than replace, existing EU regulations and standards, which have priority and are intended to be fulfilled before applying this document. This document is greenhouse gas (GHG) programme neutral. If a GHG programme is applicable, requirements of that GHG programme are additional to the requirements of this document. [...]

Keel: en
Alusdokumendid: CWA 18203:2025

EVS-EN 13204:2025

Elektrilised päästetööriistad tuletõrje- ja päästeteenistuses kasutamiseks. Ohutus- ja toimivusnõuded

Powered rescue tools for fire and rescue service use - safety and performance requirements

This document specifies safety and performance requirements for powered rescue tools manufactured after the date of publication. This document is applicable to powered rescue tools which are intended for use by the firefighting and rescue services, principally for cutting, crushing, spreading, squeezing, pushing or pulling the structural parts of road vehicles, ships, trains, aircraft and building structures involved in accidents. This document is not applicable to hydraulic power packs covered by 2000/14/EC. Powered rescue tools consist of tool(s) and the necessary system components (e.g. energy source, drive system and prime mover) and intended accessories, as defined in Clause 3. This document deals with all significant hazards, hazardous situations or hazardous events relevant to the machinery, when it is used as intended and under conditions or misuse which are reasonably foreseeable by the manufacturer. NOTE 1 The aim of powered rescue tools is to assist the firefighting and rescue services while extracting the casualties or to create a working space for paramedical services taking the local conditions into account. This document does not include: - tools with pneumatic drive systems or pneumatic energy sources; - tools which are single acting (for example spring /gravity return jacks, powered struts, etc.). It is not applicable to additional requirements for: a) operation in severe conditions (e.g. extreme environmental conditions such as temperatures outside the range –20 °C and +55 °C, corrosive environment, tropical environment, contaminating environments, strong magnetic fields, potentially explosive atmospheres, underwater use); b) the risk directly arising from the means provided for the portability, transportability, mobility and decommissioning of powered rescue tools during periods of their operation; c) generic tools such as, but not limited to, powered drills, angle grinders, saws, not solely intended for extrication purposes; d) tools intended to lift and/or hoist, not solely intended for extrication purposes. NOTE 2 EN 13731:2007 deals with lifting bag systems for fire and rescue services. NOTE 3 For the EU/EEA other Directives can be applicable to the equipment in the scope, for example the Electro Magnetic Compatibility Directive.

Keel: en
Alusdokumendid: EN 13204:2025
Asendab dokumenti: EVS-EN 13204:2016

EVS-EN 14385:2025

Paiksete saasteallikate heitkogused. As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Tl ja V kogu heite määramine

Stationary source emissions - Determination of the total emission of As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Tl and V

Selles standardis kirjeldatakse manuaalset standardmeetodit paiksete allikate heites leiduvate elementide massikontsentratsiooni määramiseks. Meetodit saab kasutada kõigi loetletud ainete korral kontsentratsioonide vahemikus 0,005 mg/m3 kuni 5 mg/m3. See standard on valideeritud metallide massikontsentratsiooni määramiseks prügipõletusel tekkivates suitsugaasides – kohaldades peatükis 9 sätestatud suutlikkusnäitajaid – järgmiste elementide jaoks: — arseen (As), kaadmium (Cd), kroom (Cr), koobalt (Co), vask (Cu), mangaan (Mn), nikkel (Ni), plii (Pb), antimon (Sb), tallium (Tl) ja vanaadium (V) ning nende ühendid. Dokument on kasutatav ka muude metallide määramiseks (näiteks seleen (Se) (ISO 17211), telluur (Te), berüllium (Be), tina (Sn) ja tsink (Zn)). MÄRKUS 1 Need muud eespool nimetatud metallid on tavaliselt riigisisese regulatsiooni põhjal nõutavad, kuid seda standardit ei ole nende metallide puhul veel valideeritud. Dokumenti valideeriti jäätmepõletusseadmete jaoks, kuid see on kohaldatav ka muudele tööstusprotsessidele, praktilised kogemused näitavad, et seda saab rakendada laias kontsentratsioonivahemikus ja erinevate heiteallikate puhul. Kui määratakse ka elavhõbeda sisaldust, võib proovi võtta proovivõtuahela külgvoolust samal ajal teiste proovide võtmisega peavoolust (EN 13211) [5]. MÄRKUS 2 See dokument on valideeritud kirjeldatud materjalide, seadmete, proovivõtu ja mineraliseerimise suutlikkusega jms ning sellele järgnevate analüüsidega aatomabsorptsioonspektroskoopia (AAS) ja induktiivsidestatud plasma optilise emissioonspektroskoopia (ICP-OES) või induktiivsidestatud massispektromeetria (ICP-MS) abil. See ei välista muud tüüpi seadmete või analüüside kasutamist, mis vastavad nõuetele ja mille puhul on tõendatud vastavus kirjeldatud Euroopa standardile.

Keel: en, et
Alusdokumendid: EN 14385:2024
Asendab dokumenti: EVS-EN 14385:2004

EVS-EN ISO 14119:2025

Masinaohutus. Kaitsepiiretega ühendatud blokeerimisseadised. Kavandamise ja valiku põhimõtted

Safety of machinery - Interlocking devices associated with guards - Principles for design and selection (ISO 14119:2024)

See dokument määrab kindlaks kaitsepiiretega ühendatud blokeerimisseadiste kavandamise ja valiku põhimõtted (mis ei sõltu energiaallika olemusest) ja näeb ette juhised meetmete kohta, et vähendada blokeerimisseadiste mittetoimivaks muutmise võimalust mõistlikult ettenähtaval viisil. See dokument hõlmab kavandamise, valiku ja rakendamise põhimõtteid: — kaitsepiirete osadele, mis aktiveerivad blokeerimisseadiseid; — kinnihoitava võtmega blokeerimisseadistele ja -süsteemidele masinate rakenduste jaoks. MÄRKUS Standard ISO 14120 määrab kindlaks üldnõuded kaitsepiirete, mis on ette nähtud eelkõige inimeste kaitsmiseks mehaaniliste ohtude eest, kavandamisele ja ehitamisele. Blokeerimisseadise signaali töötlemine masina seiskamiseks ja ootamatu käivitumise vältimiseks on hõlmatud standardites ISO 14118, ISO 13849-1 ja IEC 62061.

Keel: en, et
Alusdokumendid: ISO 14119:2024; EN ISO 14119:2025
Asendab dokumenti: EVS-EN ISO 14119:2013

EVS-EN ISO 16321-1:2022+A1:2025

Silmade ja näo kaitsevahendid töökeskkonnas kasutamiseks. Osa 1: Üldnõuded
Eye and face protection for occupational use - Part 1: General requirements (ISO 16321-1:2021 + ISO 16321-1:2021/Amd 1:2024)

This document specifies general requirements for eye and face protectors. These protectors are intended to provide protection for the eyes and faces of persons against one or more common occupational hazards such as impacts from flying particles and fragments, optical radiation, dusts, splashing liquids, molten metals, heat, flame, hot solids, harmful gases, vapours and aerosols. Additional requirements for eye and face protectors used during welding and related techniques and for mesh protectors are given in ISO 16321-2 and ISO 16321-3, respectively. ISO 16321-4 provides requirements and guidance on protectors against biological hazards. This document applies to: — all plano as well as corrective and prescription lensed protectors and components; — those eye and face protectors used for occupational-type tasks that are performed similarly to an occupation, e.g. "do-it-yourself"; — those eye and face protectors used in educational establishments. This document does not apply to: — protectors specifically intended for protection against only solar radiation and used in non- occupational environments for which the ISO 12312 series applies; — protectors for medically prescribed applications (not occupational), e.g. eye protection for severe dry eye, tints prescribed for medical conditions; — patient eye protectors during diagnosis or treatment (e.g. ISO/TR 22463); — protectors for use during medical or e.g. aesthetic applications, e.g. intense light sources (ILS) for which the ISO 12609 series applies; — protectors specifically intended for sports for which the ISO 18527 series applies; — laser protectors; — face protectors intended for live-working to protect against short-circuit electric arcs for which IEC 62819 applies; — protectors intended to protect against ionizing radiation, e.g. X-rays, for which IEC 61331-3 applies.

Keel: en
Alusdokumendid: ISO 16321-1:2021; EN ISO 16321-1:2022; ISO 16321-1:2021/Amd 1:2024; EN ISO 16321-1:2022/A1:2025
Konsolideerib dokumenti: EVS-EN ISO 16321-1:2022
Konsolideerib dokumenti: EVS-EN ISO 16321-1:2022/A1:2025

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 1434-3:2025

Thermal energy meters - Part 3: Data exchange and interfaces

This document specifies the general requirements of data exchange and interfaces for thermal energy meters. This document is applicable to unidirectionally and bidirectionally transmitting thermal energy meters. This document applies also to networks with up to 250 meters, for which a master unit with AC mains supply is necessary to control the M-Bus. In these cases, the document is only applicable in conjunction with EN 13757-2 (physical and link layer) and EN 13757-3 (application layer). For wireless thermal energy meter communications, this document is only applicable in conjunction with EN 13757-4, which describes several alternatives of walk/drive-by readout via a mobile station or by using stationary receivers or a network. NOTE Thermal energy meters are instruments intended for measuring the energy which in a heat-exchange circuit is absorbed (cooling) or given up (heating) by a liquid called the heat-conveying liquid. The meter indicates thermal energy in legal units.

Keel: en
Alusdokumendid: EN 1434-3:2025
Asendab dokumenti: EVS-EN 1434-3:2015

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 12900:2025

Refrigerant compressors - Rating conditions, tolerances and presentation of performance data

This document specifies the rating conditions, tolerances and the method of presenting performance data of refrigerant compressors to enable comparison of different compressors. This document is applicable to single-stage compressor and two-stage compressor data with or without an additional intermediate pressure inlet. The performance data of compressors used with R-744 in transcritical operation are covered in this document. The data relating to the refrigerating capacity, heating capacity and power absorbed include requirements for part-load operation where applicable.

Keel: en
Alusdokumendid: EN 12900:2025
Asendab dokumenti: EVS-EN 12900:2013

25 TOOTMISTEHNOLOOGIA

EVS-EN IEC 61557-9:2025

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 9: Isolatsioonirikke lokatsiooniseadmed IT-süsteemides
Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 9: Equipment for insulation fault location in IT systems

IEC 61557-9:2023 specifies the requirements for the insulation fault location system (IFLS) that localizes insulation faults in any part of the system in unearthed IT AC systems and unearthed IT AC systems with galvanically connected DC circuits having

nominal voltages up to 1 000 V AC, as well as in unearthed IT DC systems with voltages up to 1 500 V DC, independent of the measuring principle. IEC 61557-9:2023 cancels and replaces the third edition published in 2014. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) new terms and definitions on maximum admissible locating AC and DC currents and voltages; b) the requirements on locating current and locating voltage have been revised; c) performance requirements have been added; d) the test requirements for locating current and locating voltage have been revised; e) the structure of this document has been adapted to that of IEC 61557-1:2019; f) the limit values under Clause A.2 were adapted to fit the changed test methods in 6.2.3.

Keel: en
Alusdokumendid: IEC 61557-9:2023; EN IEC 61557-9:2025
Asendab dokumenti: EVS-EN 61557-9:2015
Asendab dokumenti: EVS-EN 61557-9:2015/AC:2017

EVS-EN IEC 62657-2:2025

Industrial networks - Coexistence of wireless systems - Part 2: Coexistence management

IEC 62657-2:2025 specifies: – the fundamental assumptions, concepts, parameters, and procedures for wireless communication coexistence; – specifies coexistence parameters and how they are used in an application requiring wireless coexistence; – provides guidelines, requirements, and best practices for wireless communication's availability and performance in an industrial automation plant; it covers the life-cycle of wireless communication coexistence; – helps the work of all persons involved with the relevant responsibilities to cope with the critical aspects at each phase of life-cycle of the wireless communication coexistence management in an industrial automation plant. Life-cycle aspects include: planning, design, installation, implementation, operation, maintenance, administration and training; – provides a common point of reference for wireless communication coexistence for industrial automation sites as a homogeneous guideline to help the users assess and gauge their plant efforts; – deals with the operational aspects of wireless communication coexistence regarding both the static human/tool-organization and the dynamic network self-organization. This document provides a major contribution to national and regional regulations by supporting to fulfil the requirements using coexistence management. This edition includes the following significant technical changes with respect to the previous edition: a) alignment of some definitions and specifications of coexistence parameters in order to facilitate their future inclusion in the IEC Common Data Dictionary (IEC CDD) maintained by the IEC; b) alignment of some definitions and specifications to be consistent with the new IEC 62657-3 and IEC 62657-4; c) edition 3 of this document was published in June 2022. Some comments were made in the last development stages of this document asking for explanations on how the parts of the IEC 62657 series were structured and how they were related to each other. Resolution of these comments was deferred until a next edition, which means this edition.

Keel: en
Alusdokumendid: IEC 62657-2:2025; EN IEC 62657-2:2025
Asendab dokumenti: EVS-EN IEC 62657-2:2022

EVS-EN IEC 62657-4:2025

Industrial networks - Coexistence of wireless systems - Part 4: Coexistence management with central coordination of wireless applications

IEC 62657-4:2025 specifies a concept and methods for central coordination (CC) of automation applications using wireless communications to extend the coexistence management according to IEC 62657-2. It establishes system elements, interfaces and relationships for a central coordination. Functions, data, and data exchange for assessing and maintaining the coexistence state are specified. This document specifies the central coordination point (CCP) approach as one example of the usage of the formal description given in IEC 62657-3. This document is applicable to develop, implement, or modify procedures or solutions. This document provides requirements for automated coexistence management systems. This document provides requirements for: – determination of the coexistence state, – automated coexistence management procedures, – CC amendments for existing wireless communication solutions, – CC functions that coordinate legacy and new wireless communication systems, – CC sequences and message formats for data exchange. This document is not restricted to a specific radio frequency range nor is it restricted to a specific wireless communication technology. This edition includes the following significant technical changes with respect to the previous edition: a) The data item (parameter) to be exchanged between CCP and CMWCA and CMWD to ensure interoperability between CCP providers and device providers. b) The sequence of services conducted between CCP and CMWCA and CMWD are now defined. When the CCP providers and the device providers implement similar process, clearly defined sequence and unified execution specifications ensure interoperability as expected. c) The message formats of sequence diagram to be exchanged between CCP and CMWCA and CMWD are defined. By defining the message formats, the hierarchical structure of each data (parameter), and implementing the same message format by the CCP provider and the device provider, enables to exchange data correctly and ensure interoperability.

Keel: en
Alusdokumendid: IEC 62657-4:2025; EN IEC 62657-4:2025
Asendab dokumenti: EVS-EN IEC 62657-4:2022

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12900:2025

Refrigerant compressors - Rating conditions, tolerances and presentation of performance data

This document specifies the rating conditions, tolerances and the method of presenting performance data of refrigerant compressors to enable comparison of different compressors. This document is applicable to single-stage compressor and two-stage compressor data with or without an additional intermediate pressure inlet. The performance data of compressors used with R-744 in transcritical operation are covered in this document. The data relating to the refrigerating capacity, heating capacity and power absorbed include requirements for part-load operation where applicable.

Keel: en

Alusdokumendid: EN 12900:2025
Asendab dokumenti: EVS-EN 12900:2013

EVS-EN IEC 63461:2024/AC:2025

Pelton hydraulic turbines - Model acceptance tests

Corrigendum to EN IEC 63461:2024

Keel: en
Alusdokumendid: EN IEC 63461:2024/AC:2025-03; IEC 63461:2024/COR1:2025
Parandab dokumenti: EVS-EN IEC 63461:2024

EVS-EN ISO 17828:2025

Solid biofuels - Determination of bulk density (ISO 17828:2025)

This document specifies a method for determining the bulk density of solid biofuels using a standardized measuring container. This method is applicable to all pourable solid biofuels with a nominal top size of maximum 63 mm while the maximum particle length is 200 mm. For fuels with a nominal top size larger than 63 mm, a different method is described. Bulk density is not an absolute value; therefore, conditions for its determination have to be standardized in order to gain comparative measuring results. NOTE Bulk density of solid biofuels is subject to variation due to several factors such as vibration, shock, pressure, biodegradation, drying, and wetting. Measured bulk density can therefore deviate from actual conditions during transportation, storage, or transhipment.

Keel: en
Alusdokumendid: ISO 17828:2025; EN ISO 17828:2025
Asendab dokumenti: EVS-EN ISO 17828:2015

29 ELEKTROTEHNIKA

EVS-EN IEC 60146-1-1:2024/AC:2025

Semiconductor converters - General requirements and line commutated converters - Part 1-1: Specification of basic requirements

Corrigendum to EN IEC 60146-1-1:2024

Keel: en
Alusdokumendid: EN IEC 60146-1-1:2024/AC:2025-03; IEC 60146-1-1:2024/COR1:2025
Parandab dokumenti: EVS-EN IEC 60146-1-1:2024

EVS-EN IEC 60269-1:2025

Madalpingelised sulavkaitsmed. Osa 1: Üldnõuded
Low-voltage fuses - Part 1: General requirements

IEC 60269-1:2024 is applicable to fuses incorporating enclosed current-limiting fuse-links with rated breaking capacities of not less than 6 kA, intended for protecting power-frequency AC circuits of nominal voltages not exceeding 1 000 V or DC circuits of nominal voltages not exceeding 1 500 V.

Keel: en
Alusdokumendid: IEC 60269-1:2024; EN IEC 60269-1:2025
Asendab dokumenti: EVS-EN 60269-1:2007
Asendab dokumenti: EVS-EN 60269-1:2007/A1:2009
Asendab dokumenti: EVS-EN 60269-1:2007/A2:2014

EVS-EN IEC 62040-1:2019+A11+A1+A2:2025

Katkematu toite süsteemid. Osa 1: Ohutusnõuded
Uninterruptible power systems (UPS) - Part 1: Safety requirements (IEC 62040-1:2017 + IEC 62040-1:2017/A1:2021 + IEC 62040-1:2017/AMD2:2022)

This part of IEC 62040 applies to movable, stationary, fixed or built-in UPS for use in low-voltage distribution systems and that are intended to be installed in an area accessible by an ordinary person or in a restricted access area as applicable, that deliver fixed frequency AC output voltage with port voltages not exceeding 1 000 V AC or 1 500 V DC and that include an energy storage device. It applies to pluggable and to permanently connected UPS, whether consisting of a system of interconnected units or of independent units, subject to installing, operating and maintaining the UPS in the manner prescribed by the manufacturer. NOTE 1 Typical UPS configurations, including voltage and/or frequency converters and other topologies, are described in IEC 62040-3, the test and performance product standard for UPS. NOTE 2 UPS generally connect to their energy storage device through a DC link. A chemical battery is used throughout the standard as an example of an energy storage device. Alternative devices exist, and as such, where "battery" appears in the text of this document, this is to be understood as "energy storage device". This document specifies requirements to ensure safety for the ordinary person who comes into contact with the UPS and, where specifically stated, for the skilled person. The objective is to reduce risks of fire, electric shock, thermal, energy and mechanical hazards during use and operation and, where specifically stated, during service and maintenance. This product standard is harmonized with the applicable parts of group safety publication IEC 62477-1:2012 for power electronic converter systems and contains additional requirements relevant to UPS. This document does not cover: • UPS that have a DC output; • systems for operation on moving platforms including, but not limited to, aircrafts, ships and motor vehicles; • external AC or DC input and output distribution boards covered by their specific product standard; • stand-alone static transfer systems (STS) covered by IEC 62310-1; • systems wherein the output voltage is directly derived from a rotating machine; • telecommunications apparatus other

than UPS for such apparatus; • functional safety aspects covered by IEC 61508 (all parts). NOTE 3 Even if this document does not cover the applications listed above, it is commonly taken as a guide for such applications. NOTE 4 Specialized UPS applications are generally governed by additional requirements covered elsewhere, for example UPS for medical applications.

Keel: en
Alusdokumendid: IEC 62040-1:2017; EN IEC 62040-1:2019; IEC 62040-1:2017/COR1:2019; EN IEC 62040-1:2019/AC:2019-11; EN IEC 62040-1:2019/A11:2021; IEC 62040-1:2017/A1:2021; EN IEC 62040-1:2019/A1:2023; IEC 62040-1:2017/AMD2:2022; EN IEC 62040-1:2019/A2:2025
Konsolideerib dokumenti: EVS-EN IEC 62040-1:2019
Konsolideerib dokumenti: EVS-EN IEC 62040-1:2019/A1:2023
Konsolideerib dokumenti: EVS-EN IEC 62040-1:2019/A11:2021
Konsolideerib dokumenti: EVS-EN IEC 62040-1:2019/A2:2025
Konsolideerib dokumenti: EVS-EN IEC 62040-1:2019/AC:2019
Konsolideerib dokumenti: EVS-EN IEC 62040-1:2019+A11:2021
Konsolideerib dokumenti: EVS-EN IEC 62040-1:2019+A11+A1:2023

EVS-EN IEC 63044-3:2018/A1:2025

Kodu- ja hooneelektroonikasüsteemid ning hoone automaatika- ja juhtimissüsteemid. Osa 3: Elektriohutusnõuded
Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 3: Electrical safety requirements

Amendment to EN IEC 63044-3:2018

Keel: en
Alusdokumendid: IEC 63044-3:2017/AMD1:2021; EN IEC 63044-3:2018/A1:2025
Muudab dokumenti: EVS-EN IEC 63044-3:2018

EVS-EN IEC 63563-1:2025

Qi Specification version 2.0 - Part 1: Introduction

IEC 63563-1:2025 introduces the Qi Specification, which applies to flat surface devices such as mobile phones and tablets that use up to 15 W of power

Keel: en
Alusdokumendid: EN IEC 63563-1:2025; IEC 63563-1:2025

EVS-EN IEC 63563-10:2025

Qi Specification version 2.0 - Part 10: MPP System Specification

IEC 63563-10:2025 defines MPP (Magnetic Power Profile), an extension to Qi v1.3 BPP (Baseline Power Profile). Manufacturers can use this specification to implement PTx and/or PRx that are interoperable.

Keel: en
Alusdokumendid: IEC 63563-10:2025; EN IEC 63563-10:2025

EVS-EN IEC 63563-11:2025

Qi Specification version 2.0 - Part 11: MPP Communications Protocol

IEC 63563-11:2025 describes Magnetic power profile (MPP) which is a protocol extension that provides additional messages, new power states/modes, new power transfer contract elements, and aims to provide the following functionalities: • Operating Frequency Negotiation • Cloaking (Power Pause) • Generic Information Exchange • Simultaneous Data Stream Transactions • Fast PTx to PRx communication • Maximum Power and Power Control Profiles Determination • Extended Power Negotiation • Extended PTx/PRx Identification and Capabilities • Extended Control Error Packets and Received Power Packets • Power Transmitter Battery Level Reporting • Ecosystem Scalability MPP extension allows devices to operate under Restricted mode (no PTx communication) at 360kHz without performing any explicit negotiation with the Power Transmitter. This flexibility enables devices with limited resources (e.g., devices with no FSK support) to take advantage of the frequency change feature.

Keel: en
Alusdokumendid: IEC 63563-11:2025; EN IEC 63563-11:2025

EVS-EN IEC 63563-2:2025

Qi Specification version 2.0 - Part 2: Glossary

IEC 63563-2:2025 provides glossary of definitions, acronyms, and symbols for the the Qi Specification, which applies to flat surface devices such as mobile phones and tablets that use up to 15 W of power

Keel: en
Alusdokumendid: EN IEC 63563-2:2025; IEC 63563-2:2025

EVS-EN IEC 63563-3:2025

Qi Specification version 2.0 - Part 3: Mechanical, Thermal, and User Interface

IEC 63563-3:2025 identifies basic physical design requirements and guidelines for Power Transmitter and Power Receiver Products, including product and system dimensions, alignment of the products, surface temperature rise, and indications to the user.

Keel: en
Alusdokumendid: IEC 63563-3:2025; EN IEC 63563-3:2025

EVS-EN IEC 63563-4:2025
Qi Specification version 2.0 - Part 4: Power Delivery

IEC 63563-4:2025 comprises guidelines and requirements for Power Receiver design, including circuitry, power consumption, operating power levels, power transfer efficiency, and standby power.

Keel: en
Alusdokumendid: IEC 63563-4:2025; EN IEC 63563-4:2025

EVS-EN IEC 63563-5:2025
Qi Specification version 2.0 - Part 5: Communications Physical Layer

IEC 63563-5:2025 defines the low-level (physical layer and the data link layer) formats of data bits, data bytes, and data packets. In addition, it provides requirements and guidelines for load modulation and frequency-shift keying

Keel: en
Alusdokumendid: IEC 63563-5:2025; EN IEC 63563-5:2025

EVS-EN IEC 63563-6:2025
Qi Specification version 2.0 - Part 6: Communications Protocol

IEC 63563-6:2025 defines the messaging between a Power Transmitter and a Power Receiver. The primary purpose of this messaging is to set up and control the power transfer. As a secondary purpose, it provides a transport mechanism for higher-level applications such as Authentication. The communications protocol comprises both the required order and timing relations of successive messages.

Keel: en
Alusdokumendid: IEC 63563-6:2025; EN IEC 63563-6:2025

EVS-EN IEC 63563-7:2025
Qi Specification version 2.0 - Part 7: Foreign Object Detection

IEC 63563-7:2025 defines methods for ensuring that the power transfer proceeds without heating metal objects in the magnetic field of a Power Transmitter. Although the Power Transmitter may optionally use any of these methods, some of them require assistance by the Power Receiver.

Keel: en
Alusdokumendid: IEC 63563-7:2025; EN IEC 63563-7:2025

EVS-EN IEC 63563-8:2025
Qi Specification version 2.0 - Part 8: NFC Tag Protection

IEC 63563-8:2025 provides guidelines for detecting the presence of a Radio Frequency Identification (RFID) tag or Near Field Communication (NFC) card within the operating range of the Power Transmitter and preventing damage to the tag or card.

Keel: en
Alusdokumendid: IEC 63563-8:2025; EN IEC 63563-8:2025

EVS-EN IEC 63563-9:2025
Qi Specification version 2.0 - Part 9: Authentication Protocol

IEC 63563-9:2025 defines the architecture and application-level messaging for the Authentication of a Power Transmitter Product by a Power Receiver to ensure that the Power Transmitter Product is both Qi certified and the product of a registered manufacturer.

Keel: en
Alusdokumendid: IEC 63563-9:2025; EN IEC 63563-9:2025

31 ELEKTROONIKA

EVS-EN IEC 62391-2:2025
Fixed electric double-layer capacitors for use in electronic equipment - Part 2: Sectional specification - Electric double-layer capacitors for power application

IEC 62391-2:2025 applies to electric double-layer capacitors for power application. Electric double-layer capacitors for power are intended for applications that require discharge currents in the range from mA to A. The characteristics of the capacitors include such performance as relatively high capacitance and low internal resistance, which is applicable to Class 3 and Class 5 of the measurement classification specified in IEC 62391-1:2022. The object of this document is to specify preferred ratings and characteristics and to select from IEC 62391-1:2022 the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of capacitor. Test severities and requirements specified in detail specifications referring to this document provide specific test severities and requirements of an equal or higher performance level. The definition of power density and its calculating procedure can be found in Annex A. This edition includes the following significant technical changes with respect to the previous edition: a) the document has been completely restructured to comply with the ISO/IEC Directives, Part 2; b) introduction of a new technical categorization for the test methods; c) reorganization of the test methods have been according to these new categories; d) revision of the tables, figures and references according to changes.

Keel: en
Alusdokumendid: IEC 62391-2:2025; EN IEC 62391-2:2025
Asendab dokumenti: EVS-EN 62391-2:2006

33 SIDETEHNIKA

EVS-EN 13757-3:2025

Communication systems for meters - Part 3: Application protocols

This document specifies application services for communication systems for meters, sensors, and actuators, used to provide metering services. This document specifies application protocols, especially the M-Bus application protocol. This document is intended to be used with the lower layer specifications determined in the relevant parts of the EN 13757 series.

Keel: en
Alusdokumendid: EN 13757-3:2025
Asendab dokumenti: EVS-EN 13757-3:2018

EVS-EN 13757-7:2025

Communication systems for meters - Part 7: Transport and security services

This document specifies transport and security services for communication systems for meters, sensors, and actuators, used to provide metering services. This document specifies secure communication capabilities by design and supports the building of a secure system architecture. This document is applicable to the protection of consumer data to ensure privacy. This document is intended to be used with the lower layer specifications determined in the relevant parts of the EN 13757 series.

Keel: en
Alusdokumendid: EN 13757-7:2025
Asendab dokumenti: EVS-EN 13757-7:2018

EVS-EN 300 220-2 V3.3.1:2025

Raadiosagedusalas 25 MHz kuni 1000 MHz töötavad lähitoimeseadmed (SRD) võimsusega kuni 500 mW e.r.p.; Osa 2. Mittespetsiifiliste raadioseadmete raadiospektrile juurdepääsu harmoneeritud standard
Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz with power levels ranging up to 500 mW e.r.p.; Part 2: Harmonised Standard for access to radio spectrum for non specific radio equipment

he present document specifies technical requirements, limits and test methods for Short Range Devices in the non-specific category operating in the frequency range 25 MHz to 1 000 MHz. The non specific SRD category is defined by the EU Commission Decision 2019/1345/EU as: "The non-specific short-range device category covers all kinds of radio devices, regardless of the application or the purpose, which fulfil the technical conditions as specified for a given frequency band. Typical uses include telemetry, telecommand, alarms, data transmissions in general and other applications". These radio equipment types are capable of transmitting up to 500 mW effective radiated power and operating indoor or outdoor. NOTE: The relationship between the present document and the essential requirements of article 3.2 of Directive 2014/53/EU is given in Annex A.

Keel: en
Alusdokumendid: ETSI EN 300 220-2 V3.3.1

EVS-EN 300 468 V1.19.1:2025

Digital Video Broadcasting (DVB); Specification for Service Information (SI) in DVB systems

The present document specifies the Service Information (SI) data which forms a part of Digital Video Broadcasting (DVB) bitstreams, in order that the user can be provided with information to assist in selection of services and/or events within the bitstream, and so that the Integrated Receiver Decoder (IRD) can automatically configure itself for the selected service. SI data for automatic configuration is mostly specified within ISO/IEC 13818-1 as Program Specific Information (PSI). The present document specifies additional data which complements the PSI by providing data to aid automatic tuning of IRDs, and additional information intended for display to the user. The manner of presentation of the information is not specified in the present document, and IRD manufacturers have freedom to choose appropriate presentation methods. It is expected that Electronic Programme Guide (EPG) will be a feature of Digital TeleVision (TV) transmissions. The definition of an EPG is outside the scope of the present document (i.e. the SI specification), but the data contained within the SI specified in the present document may be used as the basis for an EPG. Rules of operation for the implementation of the present document are specified in ETSI TS 101 211.

Keel: en
Alusdokumendid: ETSI EN 300 468 V1.19.1

EVS-EN 302 065-3-1 V3.2.1:2025

Lähitoimeseadmed (SRD), mis kasutavad ultralairiba (UWB) tehnoloogiat; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 3. Nõuded maantee- ja raudteesõidukite UWB seadmetele; Jagu 1. Nõuded sõidukite ligipääsusüsteemide UWB seadmetele sagedusalades 3,8 GHz kuni 4,2 GHz või 6 GHz kuni 8,5 GHz
Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised standard for access to radio spectrum; Part 3: UWB devices installed in motor and railway vehicles; Sub-part 1: Requirements for UWB devices for vehicular access systems within 3,8 GHz to 4,2 GHz or 6 GHz to 8,5 GHz

The present document specifies technical requirements, limits and test methods for equipment employing UWB for vehicular access devices installed in motor and railway vehicles in the frequency ranges 3,8 GHz to 4,2 GHz and 6,0 GHz to 8,5 GHz. These equipment types are intended to be utilized for vehicle access, vehicle immobilization and extended vehicle access control functionalities (like closing windows or remotely starting the car). Further details of the covered EUT can be found in clause 4.2 in the present document. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: EN 302 065-3-1 V3.2.1

EVS-EN 302 065-4-1 V2.2.1:2025

Lähitoimeseadmed (SRD), mis kasutavad ultralairiba (UWB) tehnoloogiat; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 4. Materjalide tajurid; Jagu 1. Ehitusmaterjalide analüüs sagedustega 30 MHz kuni 10,6 GHz
Short Range Devices (SRD) using Ultra Wide Band technology (UW B); Harmonised Standard for access to radio spectrum; Part 4: Material Sensing devices; Sub-part 1: Building material analysis operating within 30 MHz to 10,6 GHz

The present document specifies technical characteristics, limits and methods of measurements for Material Sensing devices for Building Material Analysis (BMA) operating within 30 MHz to 10,6 GHz. Additional details of the covered Building Material Analysis (BMA) devices can be found in clause 4.2 of the present document. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: ETSI EN 302 065-4-1 V2.2.1

EVS-EN 303 659 V1.1.1:2025

Lähitoimeseadmed (SRD) andmesidevõrkudes; Raadioseadmed, mida kasutatakse sagedusvahemikes 865 MHz kuni 868 MHz ja 915 MHz kuni 919,4 MHz; Raadiospektrile juurdepääsu harmoneeritud standard
Short Range Devices (SRD) in Data Networks; Radio equipment to be used in the frequency ranges 865 MHz to 868 MHz and 915 MHz to 919,4 MHz; Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for Short Range Devices (SRD) in data networks; radio equipment to be used in the frequency bands 865 MHz to 868 MHz and 915,0 MHz to 919,4 MHz. The present document covers types of devices NAP, master NAP, NN and TN operating indoor and outdoor. These types are specified in clause 4.2.2 together with related permitted e.r.p. NOTE 1: The availability of the frequency bands in European Union and CEPT countries can be obtained from the EFIS (https://efis.cept.org/) and is also listed in Appendices 1 and 3 of ERC/REC 70-03. NOTE 2: It should be noted that, in some countries, part or all of the band 915,0 MHz to 919,4 MHz may be unavailable, for networked and/or network based short range devices. See National Radio Interfaces (NRI) as relevant for additional guidance. NOTE 3: For 25 mW equipment, 917,4 MHz to 919,4 MHz is the core harmonised band according to EC DEC 2022/172. NOTE 4: 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 303 659 V1.1.1

EVS-EN 319 411-1 V1.5.1:2025

Electronic Signatures and Trust Infrastructures (ESI); Policy and security requirements for Trust Service Providers issuing certificates; Part 1: General requirements

The present document specifies generally applicable policy and security requirements for Trust Service Providers (TSPs) issuing public key certificates, including trusted web site certificates. The policy and security requirements are defined in terms of requirements for the issuance, maintenance and life-cycle management of certificates. These policy and security requirements support several reference certificate policies, defined in clauses 4 and 5. A framework for the definition of policy requirements for TSPs issuing certificates in a specific context where particular requirements apply is defined in clause 7. The present document covers requirements for CA hierarchies, however this is limited to supporting the policies as specified in the present document. It does not include requirements for root CAs and intermediate CAs for other purposes. The present document is applicable to: • the general requirements of certification in support of cryptographic mechanisms, including digital signatures for electronic signatures and seals; • the general requirements of certification authorities issuing TLS/SSL certificates; • the general

requirements of the use of cryptography for authentication and encryption. The present document does not specify how the requirements identified can be assessed by an independent party, including requirements for information to be made available to such independent assessors, or requirements on such assessors. NOTE: See ETSI EN 319 403 for guidance on assessment of TSP's processes and services. The present document references ETSI EN 319 401 for general policy requirements common to all classes of TSP's services. The present document includes provisions consistent with the requirements from the CA/Browser Forum in EVCG and BRG.

Keel: en
Alusdokumendid: ETSI EN 319 411-1 V1.5.1

EVS-EN IEC 62657-2:2025

Industrial networks - Coexistence of wireless systems - Part 2: Coexistence management

IEC 62657-2:2025 specifies: – the fundamental assumptions, concepts, parameters, and procedures for wireless communication coexistence; – specifies coexistence parameters and how they are used in an application requiring wireless coexistence; – provides guidelines, requirements, and best practices for wireless communication's availability and performance in an industrial automation plant; it covers the life-cycle of wireless communication coexistence; – helps the work of all persons involved with the relevant responsibilities to cope with the critical aspects at each phase of life-cycle of the wireless communication coexistence management in an industrial automation plant. Life-cycle aspects include: planning, design, installation, implementation, operation, maintenance, administration and training; – provides a common point of reference for wireless communication coexistence for industrial automation sites as a homogeneous guideline to help the users assess and gauge their plant efforts; – deals with the operational aspects of wireless communication coexistence regarding both the static human/tool-organization and the dynamic network self-organization. This document provides a major contribution to national and regional regulations by supporting to fulfil the requirements using coexistence management. This edition includes the following significant technical changes with respect to the previous edition: a) alignment of some definitions and specifications of coexistence parameters in order to facilitate their future inclusion in the IEC Common Data Dictionary (IEC CDD) maintained by the IEC; b) alignment of some definitions and specifications to be consistent with the new IEC 62657-3 and IEC 62657-4; c) edition 3 of this document was published in June 2022. Some comments were made in the last development stages of this document asking for explanations on how the parts of the IEC 62657 series were structured and how they were related to each other. Resolution of these comments was deferred until a next edition, which means this edition.

Keel: en
Alusdokumendid: IEC 62657-2:2025; EN IEC 62657-2:2025
Asendab dokumenti: EVS-EN IEC 62657-2:2022

35 INFOTEHNOLOOGIA

CEN/TS 16157-13:2025

Intelligent transport systems - DATEX II data exchange specifications for traffic management and information - Part 13: Status, fault and quality requirements

The proposed Part 13 will specify a DATEX II platform-independent model for expression of intelligent transport system device status and fault data. It will follow the EN 16157-1 methodology and reuse common concepts from EN 16157-2 and EN 16157-7. It will define a UML model with a corresponding data dictionary and XML Schema. The model will define a device publication which identifies static data, a device status publication, and a device faults publication. Devices in scope are any that participate in intelligent transport systems. This specification may be used in system-to-system exchanges about device status and faults, for example a traffic management system that performs operational control of devices may provide information about the status and faults of those devices to a separate technology status and fault management system.

Keel: en
Alusdokumendid: CEN/TS 16157-13:2025
Asendab dokumenti: CEN/TS 17241:2019

EVS-EN 13757-3:2025

Communication systems for meters - Part 3: Application protocols

This document specifies application services for communication systems for meters, sensors, and actuators, used to provide metering services. This document specifies application protocols, especially the M-Bus application protocol. This document is intended to be used with the lower layer specifications determined in the relevant parts of the EN 13757 series.

Keel: en
Alusdokumendid: EN 13757-3:2025
Asendab dokumenti: EVS-EN 13757-3:2018

EVS-EN 13757-7:2025

Communication systems for meters - Part 7: Transport and security services

This document specifies transport and security services for communication systems for meters, sensors, and actuators, used to provide metering services. This document specifies secure communication capabilities by design and supports the building of a secure system architecture. This document is applicable to the protection of consumer data to ensure privacy. This document is intended to be used with the lower layer specifications determined in the relevant parts of the EN 13757 series.

Keel: en
Alusdokumendid: EN 13757-7:2025
Asendab dokumenti: EVS-EN 13757-7:2018

EVS-EN 14908-10:2025

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

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

Keel: en
Alusdokumendid: EN 14908-10:2025

EVS-EN 18037:2025

Guidelines on a sectoral cybersecurity assessment

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

Keel: en
Alusdokumendid: EN 18037:2025

EVS-EN IEC 62657-2:2025

Industrial networks - Coexistence of wireless systems - Part 2: Coexistence management

IEC 62657-2:2025 specifies: – the fundamental assumptions, concepts, parameters, and procedures for wireless communication coexistence; – specifies coexistence parameters and how they are used in an application requiring wireless coexistence; – provides guidelines, requirements, and best practices for wireless communication's availability and performance in an industrial automation plant; it covers the life-cycle of wireless communication coexistence; – helps the work of all persons involved with the relevant responsibilities to cope with the critical aspects at each phase of life-cycle of the wireless communication coexistence management in an industrial automation plant. Life-cycle aspects include: planning, design, installation, implementation, operation, maintenance, administration and training; – provides a common point of reference for wireless communication coexistence for industrial automation sites as a homogeneous guideline to help the users assess and gauge their plant efforts; – deals with the operational aspects of wireless communication coexistence regarding both the static human/tool-organization and the dynamic network self-organization. This document provides a major contribution to national and regional regulations by supporting to fulfil the requirements using coexistence management. This edition includes the following significant technical changes with respect to the previous edition: a) alignment of some definitions and specifications of coexistence parameters in order to facilitate their future inclusion in the IEC Common Data Dictionary (IEC CDD) maintained by the IEC; b) alignment of some definitions and specifications to be consistent with the new IEC 62657-3 and IEC 62657-4; c) edition 3 of this document was published in June 2022. Some comments were made in the last development stages of this document asking for explanations on how the parts of the IEC 62657 series were structured and how they were related to each other. Resolution of these comments was deferred until a next edition, which means this edition.

Keel: en
Alusdokumendid: IEC 62657-2:2025; EN IEC 62657-2:2025
Asendab dokumenti: EVS-EN IEC 62657-2:2022

EVS-EN IEC 63430:2025

Data container format for wearable sensor

IEC 63430:2025 specifies a container format for sensing data and its system requirements. This document applies to edge computing devices such as smartphones, home gateways, multimedia coordinators, etc., and cloud systems. This document describes the following technical specifications: - container format for wearable sensor data; - Schema Repository that defines the parameters and syntax of sensor data; - communication and system requirements between the edge computing device and Schema Repository.

Keel: en
Alusdokumendid: IEC 63430:2025; EN IEC 63430:2025

45 RAUDTEETEHNIKA

EVS-EN ISO 22163:2024+A1:2025

Raudteealased rakendused. Raudtee kvaliteedijuhtimissüsteem. ISO 9001:2015 ja raudteesektoris rakendamise erinõuded
Railway applications - Railway quality management system - ISO 9001:2015 and specific requirements for application in the railway sector (ISO 22163:2023 + ISO 22163:2023/Amd 1:2024)

See standard spetsifitseerib nõuded kvaliteedijuhtimissüsteemile juhuks, kui organisatsioon: a) peab näitama oma suutlikkust pakkuda järjekindlalt tooteid ja teenuseid, mis vastavad kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele ning b) püüab suurendada kliendi rahulolu süsteemi mõjusa rakendamise kaudu, sh süsteemi parendamise protsessid ja kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele vastavuse tagamine. Kõik selle rahvusvahelise standardi nõuded on üldised ja on mõeldud kohaldamiseks mis tahes organisatsioonile, selle tüübist, suurusest või tarnitavatest toodetest

ja teenustest sõltumata. MÄRKUS 1 Selles rahvusvahelises standardis kasutatakse sõnu „toode“ ja „teenus“ ainult kliendile mõeldud või tema nõutud toote ja teenuse tähenduses. MÄRKUS 2 Seadusjärgsed ja normatiivsed nõuded võivad olla esitatud õigusaktide nõuetena. Selles dokumendis sätestatakse nõuded raudtee kvaliteedijuhtimissüsteemile (RKJS), mis — on kohaldatavad kogu raudteesektori tarneahelas, mis on seotud tööstustoodete ja -teenustega, — tagavad järjepideva parendamise, rõhutades defektide ennetamist ja defektide vähendamist tarneahelas ning — edendavad ja säilitavad toote kvaliteeti, sealhulgas selle ohutusaspekte.

Keel: en, et
Alusdokumendid: ISO 22163:2023; EN ISO 22163:2024; ISO 22163:2023/Amd 1:2024; EN ISO 22163:2024/A1:2025
Konsolideerib dokumenti: EVS-EN ISO 22163:2024
Konsolideerib dokumenti: EVS-EN ISO 22163:2024/A1:2025

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 3155-009:2025

Aerospace series - Electrical contacts used in elements of connection - Part 009: Contacts, electrical, female 009, type A, crimp, class S - Product standard

This document specifies the required characteristics, tests and tooling applicable to female electrical contacts 009, type A, crimp, class S, used in elements of connection according to EN 3155-002. It is used together with EN 3155-001. The associated male contacts are specified in EN 3155-008.

Keel: en
Alusdokumendid: EN 3155-009:2025
Asendab dokumenti: EVS-EN 3155-009:2019

EVS-EN 3745-306:2025

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 306: Variation of attenuation during temperature cycling

This document specifies a method for checking the variation of attenuation of an optical cable during temperature cycling.

Keel: en
Alusdokumendid: EN 3745-306:2025
Asendab dokumenti: EVS-EN 3745-306:2005

EVS-EN 4073:2025

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

This document specifies the characteristics of screws, pan head, six lobe recess, coarse tolerance shank, medium length thread, in alloy steel, cadmium plated. Classification: 1 100 MPa / 235 °C .

Keel: en
Alusdokumendid: EN 4073:2025
Asendab dokumenti: EVS-EN 4073:2016

EVS-EN 4075:2025

Aerospace series - Screw, pan head, offset cruciform recess, threaded to head, in corrosion resisting steel, passivated, metric - Classification: 490 MPa (at ambient temperature)/425 °C

This document specifies the characteristics of screws, pan head, offset cruciform recess, threaded to head, in corrosion resisting steel, passivated, metric. Classification: 490 MPa /425 °C

Keel: en
Alusdokumendid: EN 4075:2025
Asendab dokumenti: EVS-EN 4075:2008

EVS-EN 9212:2025

Aerospace series - Industrialization - Guidelines for establishing the manufacturing and inspection file and the associated justifications

The aim of a MIF and the associated justifications is to ensure that manufacturing and/or inspection operations are realized in a compliant and reproducible manner. The purpose of this document is to provide a guide to the elaboration of the MIF and the associated justifications by: — positioning them within the framework: o of a programme and its objectives, on the one hand; o of the realization of a product, on the other; — describing, until production of the product ceases: o the principles and conditions applying to the elaboration and then the validation of the MIF within the framework of the industrialization process; o the principles and conditions applying to the elaboration and then the validation of the MIJF associated with the MIF, within the framework of the industrialization process; o the principles and change and control conditions applying to the MIF and the MIJF. This document can be used for all processes or sets of processes implemented on a tangible product, which may incorporate software associated with the product. It does not apply to purely software product, commercial-off-the-shelf product (catalogue part) or service (intangible product). This document applies more particularly to serial production. Nevertheless, the principles and conditions set forth in this document may be applied, making any necessary adaptations, to unit production or to the realization of products to

meet development needs (prototypes, demonstrators, etc.). This document covers the MIF and the MIJF of a product, including the activities related to procurement and the associated industrial means in particular.

Keel: en
Alusdokumendid: EN 9212:2025

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN 16422:2025
Clothing - Physiological effects - Classification of thermoregulatory properties

This document specifies test methods available for the measurement of thermoregulatory properties of textile materials for use in garments and gives guidance on the most suitable methods for selection where choices are available to the user. This document also establishes classification of the thermoregulatory properties in three performance levels. This document does not apply to garments or clothing intended to be worn by babies, infants and children whose thermoregulation within the body has not yet been fully developed. This document does not apply to the thermoregulatory properties of personal protective equipment (PPE) and clothing items or textile products for which a standard already specifies a particular requirement. This document does not apply also to heated textiles, phase change materials (PCM) and similar smart materials for thermoregulation, for which CEN ISO/TR 23383 can give better guidance.

Keel: en
Alusdokumendid: EN 16422:2025
Asendab dokumenti: CEN/TR 16422:2012

EVS-EN 17131-2:2025
Textiles and textile products - Determination of certain residual solvents - Part 2: Determination of benzene, method using headspace gas chromatography

This document specifies a method using headspace gas chromatography and mass selective spectroscopy (HS-GC-MS) for detection and quantification of benzene in components of textile products.

Keel: en
Alusdokumendid: EN 17131-2:2025
Asendab dokumenti: EVS-EN 17131:2019

EVS-EN IEC 63430:2025
Data container format for wearable sensor

IEC 63430:2025 specifies a container format for sensing data and its system requirements. This document applies to edge computing devices such as smartphones, home gateways, multimedia coordinators, etc., and cloud systems. This document describes the following technical specifications: - container format for wearable sensor data; - Schema Repository that defines the parameters and syntax of sensor data; - communication and system requirements between the edge computing device and Schema Repository.

Keel: en
Alusdokumendid: IEC 63430:2025; EN IEC 63430:2025

61 RÕIVATÖÖSTUS

EVS-EN ISO 16179:2025
Footwear - Critical substances potentially present in footwear and footwear components - Determination of organotin compounds in footwear materials (ISO 16179:2025)

This document specifies a test method for the qualification and quantification of organotin compounds by applying gas chromatography coupled with mass spectrometry. This test method is applicable to all types of footwear materials except metal hardware (see ISO/TR 16178).

Keel: en
Alusdokumendid: ISO 16179:2025; EN ISO 16179:2025
Asendab dokumenti: CEN ISO/TS 16179:2012

65 PÕLLUMAJANDUS

EVS-EN 12965:2019+A1:2025
Põllu- ja metsatöö traktorid ja masinad. Käitusvõllide kardaanid ja -kaitsed. Ohutus
Tractors and machinery for agriculture and forestry - Power take-off (PTO) drive shafts and their guards - Safety

This document specifies safety requirements and their verification for the design and construction of power take-off (PTO) drive shafts and their guards linking a tractor or self-propelled machinery to the first fixed bearing of recipient machinery. It describes methods for the elimination or reduction of risks which need specific requirements including such risks arising from misuse, reasonably foreseeable by the manufacturer. It is applicable only to those PTO drive shafts and guards mechanically linked to the shaft by at least two bearings. In addition, it specifies the type of information on safe working practices to be provided by the manufacturer. This document does not deal with: - the guards totally covering, but not mechanically linked to, the PTO drive shaft; - the mechanical characteristics of PTO drive shafts, overrun devices and torque limiters; - general hazards which are dealt with

in EN ISO 4254-1:2015 (see introduction). Environmental aspects have not been considered in this document. This document is not applicable to PTO drive shafts and their guards which are manufactured before the date of publication of this document by CEN.

Keel: en
Alusdokumendid: EN 12965:2019+A1:2025
Asendab dokumenti: EVS-EN 12965:2019

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 13806-1:2025

Foodstuffs - Determination of trace elements - Part 1: Determination of total mercury in foodstuffs by atomic absorption spectrometry (AAS) - cold vapour technique after pressure digestion

This document specifies a method for the determination of total mercury in foodstuffs by cold vapour atomic absorption spectrometry (AAS) after pressure digestion. This method was tested in an interlaboratory study carried out in connection with the pressure digestion method EN 13805 on seven different materials with a mercury concentration in the range from 0,005 mg/kg to 5,06 mg/kg and successfully validated in the range from 0,015 mg/kg to 5,06 mg/kg. The following foodstuffs were analysed: — Saithe (dried); — Celery (dried); — Wheat noodle powder; — Wild mushrooms (dried); — Pig liver (dried); — Cacao powder; — Tuna fish (dried). The lower limit of the method's applicability varies depending on the food matrix and the water content of the foodstuff. It is a laboratory-specific value and is defined by the laboratory when calculating the limit of quantification (see 9.2).

Keel: en
Alusdokumendid: EN 13806-1:2025
Asendab dokumenti: EVS-EN 13806:2002

EVS-EN 13806-2:2025

Foodstuffs - Determination of trace elements - Part 2: Determination of total mercury in foodstuffs by atomic fluorescence spectrometry (AFS) - Cold vapour technique after pressure digestion

This document specifies a method for the determination of total mercury in foodstuffs by cold vapour atomic fluorescence spectrometry (AFS) after pressure digestion. This method was tested in an interlaboratory study carried out in connection with the pressure digestion method EN 13805 on seven different materials with a mercury concentration in the range from 0,006 mg/kg to 5,38 mg/kg and successfully validated in this range. The following foodstuffs were analysed: — Saithe (dried); — Celery (dried); — Wheat noodle powder; — Wild mushrooms (dried); — Pig liver (dried); — Cacao powder; — Tuna fish (dried). The lower limit of the method's applicability varies depending on the food matrix and the water content of the foodstuff. It is a laboratory-specific value and is defined by the laboratory when calculating the limit of quantification (see 9.2).

Keel: en
Alusdokumendid: EN 13806-2:2025
Asendab dokumenti: EVS-EN 13806:2002

EVS-EN 13806-3:2025

Foodstuffs - Determination of trace elements - Part 3: Determination of total mercury in foodstuffs with atomic absorption directly from the foodstuff (elemental mercury analysis)

This document specifies a method for the determination of total mercury (Hg) in foodstuffs using direct atomic absorption spectrometry after thermal decomposition in an oxygen or air flow and concentration by amalgam formation. The method is applicable for solid and liquid samples. This method was tested in a interlaboratory study carried out on seven different materials with a mercury concentration in the range from 0,005 mg/kg to 5,20 mg/kg and successfully validated in this range. The following foodstuffs were analysed: — Saithe (dried); — Celery (dried); — Wheat noodle powder; — Wild mushrooms (dried); — Pig liver (dried); — Cacao powder; — Tuna fish (dried). The lower limit of the method's applicability varies depending on the food matrix and the water content of the foodstuff. It is a laboratory-specific value and is defined by the laboratory when calculating the limit of quantification (see 9.2).

Keel: en
Alusdokumendid: EN 13806-3:2025
Asendab dokumenti: EVS-EN 13806:2002

EVS-EN 15180:2025

Toidutöötlemismasinad. Toidu dosaatorid. Ohutus- ja hügieeninõuded
Food processing machinery - Food depositors - Safety and hygiene requirements

1.1 General This document is applicable to food depositors as listed in 1.2 and the equipment typically integrated with them, i.e. product pumps, product elevators, conveyors and indexing mechanisms, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex B). This document deals with the significant hazards, hazardous situations and events during transport, assembly and installation, commissioning, use, decommissioning, disabling, dismantling and scrapping. NOTE 1 According to the clause which is referred to, "use" includes "setting, teaching/programming or process changeover, operation, cleaning, fault finding and maintenance". NOTE 2 Although this document is intended to apply to depositors used in the food industry, many of its requirements can also be used for the same or similar machines used in other industries. This document does not apply to the following machines: - auger depositors or auger fillers and gravimetric filling machines; safety requirements for these machines are contained in EN 415-3; - automatic dough dividers, safety requirements for these machines are contained in EN 12042; - filling machines for sausages, safety requirements for these machines are

contained in EN 12463; - mincing machines, safety requirements for these machines are contained in EN 12331; - food depositors that are powered exclusively by manual effort; - roller depositors intended for use in craft bakeries. Safety requirements for these machines are in EN 17677. This document does not deal with the following hazards: - hazards related to the use of food depositors in a potentially explosive atmosphere; - hazards that can arise from using a food depositor to deposit a non-food product. This document is not applicable to food depositors that were manufactured before the date of its publication as a European Standard. 1.2 Types of food depositors 1.2.1 General This document deals with five different types of food depositor. The component parts of each of the different types of depositor are labelled in the figures shown in Clause 4 of this document. 1.2.2 Piston depositor A piston depositor typically comprises a hopper, a rotary valve, a product measuring chamber in the form of a piston and a product dispensing valve. Some piston depositors incorporate several product measuring chambers and dispensing valves. Some designs dispense the product directly from the rotary valve without the use of a separate product dispensing valve. The volume of product dispensed is varied by altering the stroke of the product measuring chamber piston. Piston depositors are used to fill liquids, liquids containing solids in suspension and pastes. The product dispensing valve can be attached rigidly to the depositor or using a flexible pipe and in some cases is held by the operator. Figure 1 shows the typical cross section of a piston depositor. Figure 1 - Piston depositor 1.2.3 Chamber depositor A chamber depositor comprises a hopper feeding one or more product measuring chambers that are filled under gravity from the top. When the chamber has been filled with product the flow of product is stopped either by moving the chamber or using a product cutting device. The product is then discharged through the bottom of the chamber either by moving the chamber or by moving a plate in the base of the chamber. The volume of product dispensed is varied by altering the volume of the chamber. Chamber depositors are typically used to deposit free-flowing products like cooked rice or pasta. Figure 2 shows the typical cross section of a chamber depositor. Figure 2 - Chamber depositor 1.2.4 Roller depositor A roller depositor typically comprises a hopper that feeds product to two or more fluted contra-rotating rollers. These rollers force the product through one or more dies that shape the product. ...

Keel: en
Alusdokumendid: EN 15180:2025
Asendab dokumenti: EVS-EN 15180:2014

71 KEEMILINE TEHNOLOOGIA

CWA 18200:2025

Guidelines on characterization and testing of membranes for gas separation applications

This document deals with membranes employed for the separation of gas streams. Membranes such as those employed in fuel cells are explicitly not in the scope of the document. Its aim is to derive a common understanding that will allow for a fair comparison between different gas separation membranes used for various separation tasks. It defines a detailed set of common procedures to determine the specific characteristics of the membranes under different operating conditions. In particular, the following points are addressed: - General aspects: o Definition of materials used for membrane manufacture and membrane o Classification of membrane: ▪ Material of the selective layer ▪ Material of the support ▪ Type as e.g. mixed matrix membrane ▪ Geometry o Experimental accuracies/errors o Assessment of aging o Account for real gas behaviour - Equipment design: o Temperature, pressure and flowrate measurement devices and procedures o Dimensioning of pipework with respect to pressure drops - Single gas permeation performance: o How to assess the permeation of vapours o Temperature and pressure ranges o Used methods for permeation measurements o Compare membranes made of different materials: definition of parameters for comparison, e.g. selectivity and permeance - Gas mixtures: o Definition of representative applications for membrane gas separations. This includes the definition of gas mixtures o Definition of operating conditions: temperatures, pressures, compositions, use of sweep gas o Consideration on the intrinsic membrane performance assessment, avoiding influence of: ▪ Concentration polarisation ▪ Change of composition along the membrane surface o Composition analysis recommendations regarding applicable instruments and methods - Reporting the results: o Recommended extent of data to be reported, including that on experimental procedure. The resulting CWA will be applicable to manufactures of gas separation membranes in academia and industry. The results will form a valuable basis for design for chemical manufacturing companies as well as E&C companies. It will allow these companies to consider membrane gas separation in the early design phases and hence allow to develop more environmentally friendly, energy efficient and low carbon footprint processes.

Keel: en
Alusdokumendid: CWA 18200:2025

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN ISO 17828:2025

Solid biofuels - Determination of bulk density (ISO 17828:2025)

This document specifies a method for determining the bulk density of solid biofuels using a standardized measuring container. This method is applicable to all pourable solid biofuels with a nominal top size of maximum 63 mm while the maximum particle length is 200 mm. For fuels with a nominal top size larger than 63 mm, a different method is described. Bulk density is not an absolute value; therefore, conditions for its determination have to be standardized in order to gain comparative measuring results. NOTE Bulk density of solid biofuels is subject to variation due to several factors such as vibration, shock, pressure, biodegradation, drying, and wetting. Measured bulk density can therefore deviate from actual conditions during transportation, storage, or transhipment.

Keel: en
Alusdokumendid: ISO 17828:2025; EN ISO 17828:2025
Asendab dokumenti: EVS-EN ISO 17828:2015

91 EHITUSMATERJALID JA EHITUS

EVS-EN 12390-4:2025

Testing hardened concrete - Part 4: Compressive strength - Specification for testing machines

See dokument spetsifitseerib survekatsemasinatele esitatavad nõuded standardi EN 12390-3 kohaste betooni katsekeha või standardi EN 12504-1 kohaste puursüdamike survetugevuse mõõtmisel. Erinevatel kasutusaladel võivad kehtida teised täiendavad või erinevad nõuded.

Keel: en
Alusdokumendid: EN 12390-4:2025
Asendab dokumenti: EVS-EN 12390-4:2019

EVS-EN 13757-3:2025

Communication systems for meters - Part 3: Application protocols

This document specifies application services for communication systems for meters, sensors, and actuators, used to provide metering services. This document specifies application protocols, especially the M-Bus application protocol. This document is intended to be used with the lower layer specifications determined in the relevant parts of the EN 13757 series.

Keel: en
Alusdokumendid: EN 13757-3:2025
Asendab dokumenti: EVS-EN 13757-3:2018

EVS-EN 13757-7:2025

Communication systems for meters - Part 7: Transport and security services

This document specifies transport and security services for communication systems for meters, sensors, and actuators, used to provide metering services. This document specifies secure communication capabilities by design and supports the building of a secure system architecture. This document is applicable to the protection of consumer data to ensure privacy. This document is intended to be used with the lower layer specifications determined in the relevant parts of the EN 13757 series.

Keel: en
Alusdokumendid: EN 13757-7:2025
Asendab dokumenti: EVS-EN 13757-7:2018

EVS-EN 14908-10:2025

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

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

Keel: en
Alusdokumendid: EN 14908-10:2025

EVS-EN 17823:2024/AC:2025

Acoustic properties of building elements and of buildings - Laboratory measurement of the impact sound insulation of stairs and stair isolating elements

Corrigendum to EN 17823:2024

Keel: en
Alusdokumendid: EN 17823:2024/AC:2025
Parandab dokumenti: EVS-EN 17823:2024

93 RAJATISED

EVS-EN 805:2025

Veevarustus. Nõuded hoonevälistele süsteemidele ja komponentidele
Water supply - Requirements for systems and components outside buildings

Dokument määratleb — üldnõuded hoonevälistele veevarustussüsteemidele, sealhulgas joogivee pea- ja tänavatorustikele ja tarnetorudele, varumahutitele ja muudele rajatistele ning toorveetorustikele, kuid mitte puhastusseadmetele ja veehaardele; — üldnõuded komponentidele; — tootestandarditesse lisatavad üldnõuded, mis võivad sisaldada ka rangemaid nõudeid; — üldnõuded paigaldusele, paigalduskohal katsetamisele ja kasutuselevõtule. Dokumendi nõuded kehtivad — uute veevarustussüsteemide projekteerimisel ja ehitamisel; — olemasoleva veevarustussüsteemiga ühtse osa moodustavate oluliste piirkondade laiendamisel; — veevarustussüsteemide omavahelisel ühendamisel; — olemasolevate veevarustussüsteemide

olulisel muutmisel ja/või kordategemisel. MÄRKUS Eesmärk ei ole muuta dokumendiga kooskõla saavutamiseks olemasolevaid veevarustussüsteeme, kui puuduvad olulised halvendavad mõjud süsteemi vee kogustele, varustuskindlusele, töökindlusele ja varustuse piisavusele. Dokumendi eesmärk on siiski hõlmata kõiki eespool nimetatud veetaristusüsteeme, sest need on linnade kestliku arengu eesmärkide saavutamisel võtmetähtsusega, ning näidata, et neisse on vaja kiiresti investeerida, pidades silmas selliseid põhiaspekte nagu vastupidavus kliimamuutustele ning kliimamuutuste leevendamine ja nendega kohanemine.

Keel: en, et
Alusdokumendid: EN 805:2025
Asendab dokumenti: EVS-EN 805:2000

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 12586:2025

Lapsehooldustooted. Rõngasluti hoidja. Ohutusnõuded ja katsemeetodid
Child care articles - Soother holder - Safety requirements and test methods

This document specifies safety requirements relating to materials, construction, performance, packaging and labelling of soother holders. NOTE 1 See B.1. It includes test methods for the mechanical and chemical requirements specified. This document covers products for children from birth to 36 months of age, alike the soothers to which these items are connected to. This document is intended to provide safety requirements for soother holders. All products that allow the attachment of a soother intended for babies and young children to any other object are included in the scope. The soother holder has a holding device at one end for the soother, a garment fastener that attaches to any other product, e.g. the child's garment and a connecting device linking these parts. The safety requirements of products that a soother holder attaches to are not considered in this standard. Where a soother holder is considered to have significant play value, the soother holder is expected to meet the safety requirements for toys as stated in the Toy Directive 2009/48/EC [6] in addition to those in this document. NOTE 2 See B.2.

Keel: en
Alusdokumendid: EN 12586:2025
Asendab dokumenti: EVS-EN 12586:2007+A1:2011

EVS-EN 14908-10:2025

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

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

Keel: en
Alusdokumendid: EN 14908-10:2025

EVS-EN 71-4:2020+A1:2025

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

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

Keel: en
Alusdokumendid: EN 71-4:2020+A1:2025
Asendab dokumenti: EVS-EN 71-4:2020

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

11 TERVISEHOOLDUS

EVS-EN 14180:2014

Meditsiinilised steriliseerijad. Madaltemperatuuriga auru ja formaldehüüdi kasutavad steriliseerijad. Nõuded ja katsetamine
Sterilizers for medical purposes - Low temperature steam and formaldehyde sterilizers - Requirements and testing

Keel: en
Alusdokumendid: EN 14180:2014
Asendatud järgmise dokumendiga: EVS-EN 14180:2025
Standardi staatus: Kehtetu

EVS-EN ISO 8871-5:2016

Elastomeric parts for parenterals and for devices for pharmaceutical use - Part 5: Functional requirements and testing (ISO 8871-5:2016)

Keel: en
Alusdokumendid: ISO 8871-5:2016; EN ISO 8871-5:2016
Asendatud järgmise dokumendiga: EVS-EN ISO 8871-5:2025
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 13204:2016

Kaheotstarbelised hüdraulilised päästevahendid tuletõrje- ja päästemeeskondadele. Ohutus- ja toimimisnõuded
Double acting hydraulic rescue tools for fire and rescue service use - Safety and performance requirements

Keel: en
Alusdokumendid: EN 13204:2016
Asendatud järgmise dokumendiga: EVS-EN 13204:2025
Standardi staatus: Kehtetu

EVS-EN 14385:2004

Välisõhu kvaliteet. Paiksete saasteallikate heitkogused. As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Tl ja V kogu heite määramine
Air quality - Stationary source emissions - Determination of the total emission of As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Tl and V

Keel: en, et
Alusdokumendid: EN 14385:2004
Asendatud järgmise dokumendiga: EVS-EN 14385:2025
Standardi staatus: Kehtetu

EVS-EN 805:2000

Water supply - Requirements for systems and components outside buildings

Keel: en
Alusdokumendid: EN 805:2000
Asendatud järgmise dokumendiga: EVS-EN 805:2025
Standardi staatus: Kehtetu

EVS-EN ISO 14119:2013

Masinaohutus. Kaitsepiiretega ühendatud blokeerimisseadised. Kavandamise ja valiku põhimõtted
Safety of machinery - Interlocking devices associated with guards - Principles for design and selection (ISO 14119:2013)

Keel: en, et
Alusdokumendid: ISO 14119:2013; EN ISO 14119:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 14119:2025
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 1434-3:2015
Heat meters - Part 3: Data exchange and interfaces

Keel: en
Alusdokumendid: EN 1434-3:2015
Asendatud järgmise dokumendiga: EVS-EN 1434-3:2025
Standardi staatus: Kehtetu

19 KATSETAMINE

EVS-EN 12543-1:2000
Non-destructive testing - Characteristics of focal spots in industrial X-ray systems for use in non-destructive testing - Part 1: Scanning method

Keel: en
Alusdokumendid: EN 12543-1:1999
Standardi staatus: Kehtetu

EVS-EN 12543-3:2000
Non-destructive testing - Characteristics of focal spots in industrial X-ray systems for use in non-destructive testing - Part 3: Slit camera radiographic methods

Keel: en
Alusdokumendid: EN 12543-3:1999
Standardi staatus: Kehtetu

EVS-EN 61187:2001
Elektrilised ja elektroonsed mõõteseadmed. Dokumentatsioon
Electrical and electronic measuring equipment - Documentation

Keel: en
Alusdokumendid: IEC 1187:1993; EN 61187:1994
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 12900:2013
Külmakompressorid. Nominaal tingimused, tolerantsid ja tootja võimsusandmete esitlus
Refrigerant compressors - Rating conditions, tolerances and presentation of manufacturer's performance data

Keel: en
Alusdokumendid: EN 12900:2013
Asendatud järgmise dokumendiga: EVS-EN 12900:2025
Standardi staatus: Kehtetu

EVS-EN 805:2000
Water supply - Requirements for systems and components outside buildings

Keel: en
Alusdokumendid: EN 805:2000
Asendatud järgmise dokumendiga: EVS-EN 805:2025
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN 61557-9:2015
Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 9: Isolatsioonirikkelokatsiooniseadmed IT-süsteemides
Electrical safety in low voltage distribution systems up to 1 000 v a.c. And 1 500 v d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 9: Equipment for insulation fault location in IT systems

Keel: en
Alusdokumendid: IEC 61557-9:2014; EN 61557-9:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 61557-9:2025
Parandatud järgmise dokumendiga: EVS-EN 61557-9:2015/AC:2016 - Ainult FR versioonile

Parandatud järgmise dokumendiga: EVS-EN 61557-9:2015/AC:2017
Standardi staatus: Kehtetu

EVS-EN 61557-9:2015/AC:2017

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 9: Isolatsioonirikkelokatsiooniseadmed IT-süsteemides
Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 9: Equipment for insulation fault location in IT systems

Keel: en
Alusdokumendid: IEC 61557-9:2014/COR2:2017; EN 61557-9:2015/AC:2017-02
Asendatud järgmise dokumendiga: EVS-EN IEC 61557-9:2025
Standardi staatus: Kehtetu

EVS-EN IEC 62657-2:2022

Industrial networks - Coexistence of wireless systems - Part 2: Coexistence management

Keel: en
Alusdokumendid: IEC 62657-2:2022; EN IEC 62657-2:2022
Asendatud järgmise dokumendiga: EVS-EN IEC 62657-2:2025
Standardi staatus: Kehtetu

EVS-EN IEC 62657-4:2022

Industrial networks - Coexistence of wireless systems - Part 4: Coexistence management with central coordination of wireless applications

Keel: en
Alusdokumendid: IEC 62657-4:2022; EN IEC 62657-4:2022
Asendatud järgmise dokumendiga: EVS-EN IEC 62657-4:2025
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12900:2013

Külmakompressorid. Nominaal tingimused, tolerantsid ja tootja võimsusandmete esitlus
Refrigerant compressors - Rating conditions, tolerances and presentation of manufacturer's performance data

Keel: en
Alusdokumendid: EN 12900:2013
Asendatud järgmise dokumendiga: EVS-EN 12900:2025
Standardi staatus: Kehtetu

EVS-EN ISO 17828:2015

Solid biofuels - Determination of bulk density (ISO 17828:2015)

Keel: en
Alusdokumendid: EN ISO 17828:2015; ISO 17828:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 17828:2025
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 60269-1:2007

Madalpingelised sulavkaitsmed. Osa 1: Üldnõuded
Low-voltage fuses -- Part 1: General requirements

Keel: en
Alusdokumendid: IEC 60269-1:2006; EN 60269-1:2007
Asendatud järgmise dokumendiga: EVS-EN IEC 60269-1:2025
Muudetud järgmise dokumendiga: EVS-EN 60269-1:2007/A1:2009
Muudetud järgmise dokumendiga: EVS-EN 60269-1:2007/A2:2014
Standardi staatus: Kehtetu

EVS-EN 60269-1:2007/A1:2009
Madalpingelised sulavkaitsmed. Osa 1: Üldnõuded
Low-voltage fuses - Part 1: General requirements

Keel: en
Alusdokumendid: IEC 60269-1:2006/A1:2009; EN 60269-1:2007/A1:2009
Asendatud järgmise dokumendiga: EVS-EN IEC 60269-1:2025
Standardi staatus: Kehtetu

EVS-EN 60269-1:2007/A2:2014
Madalpingelised sulavkaitsmed. Osa 1: Üldnõuded
Low-voltage fuses - Part 1: General requirements

Keel: en
Alusdokumendid: IEC 60269-1:2006/A2:2014; EN 60269-1:2007/A2:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 60269-1:2025
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 62391-2:2006
Fixed electric double-layer capacitors for use in electronic equipment Part 2: Sectional specification - Electric double-layer capacitors for power application

Keel: en
Alusdokumendid: IEC 62391-2:2006; EN 62391-2:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 62391-2:2025
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 13757-3:2018
Communication systems for meters - Part 3: Application protocols

Keel: en
Alusdokumendid: EN 13757-3:2018
Asendatud järgmise dokumendiga: EVS-EN 13757-3:2025
Standardi staatus: Kehtetu

EVS-EN 13757-7:2018
Communication systems for meters - Part 7: Transport and security services

Keel: en
Alusdokumendid: EN 13757-7:2018
Asendatud järgmise dokumendiga: EVS-EN 13757-7:2025
Standardi staatus: Kehtetu

EVS-EN IEC 62657-2:2022
Industrial networks - Coexistence of wireless systems - Part 2: Coexistence management

Keel: en
Alusdokumendid: IEC 62657-2:2022; EN IEC 62657-2:2022
Asendatud järgmise dokumendiga: EVS-EN IEC 62657-2:2025
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CEN/TS 17241:2019
Intelligent transport systems - Traffic management systems - Status, fault and quality requirements

Keel: en
Alusdokumendid: CEN/TS 17241:2019
Asendatud järgmise dokumendiga: CEN/TS 16157-13:2025
Standardi staatus: Kehtetu

EVS-EN 13757-3:2018
Communication systems for meters - Part 3: Application protocols

Keel: en
Alusdokumendid: EN 13757-3:2018

Asendatud järgmise dokumendiga: EVS-EN 13757-3:2025
Standardi staatus: Kehtetu

EVS-EN 13757-7:2018
Communication systems for meters - Part 7: Transport and security services

Keel: en
Alusdokumendid: EN 13757-7:2018
Asendatud järgmise dokumendiga: EVS-EN 13757-7:2025
Standardi staatus: Kehtetu

EVS-EN IEC 62657-2:2022
Industrial networks - Coexistence of wireless systems - Part 2: Coexistence management

Keel: en
Alusdokumendid: IEC 62657-2:2022; EN IEC 62657-2:2022
Asendatud järgmise dokumendiga: EVS-EN IEC 62657-2:2025
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 3155-009:2019
Aerospace series - Electrical contacts used in elements of connection - Part 009: Contacts, electrical, female, type A, crimp, class S - Product standard

Keel: en
Alusdokumendid: EN 3155-009:2019
Asendatud järgmise dokumendiga: EVS-EN 3155-009:2025
Standardi staatus: Kehtetu

EVS-EN 3745-306:2005
Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 306: Variation of attenuation during temperature cycling

Keel: en
Alusdokumendid: EN 3745-306:2005
Asendatud järgmise dokumendiga: EVS-EN 3745-306:2025
Standardi staatus: Kehtetu

EVS-EN 4073:2016
Aerospace series - Screws, pan head, hexalobular recess, coarse tolerance shank, medium length thread, in alloy steel, cadmium plated - Classification: 1 100 MPa (at ambient temperature) / 235 °C

Keel: en
Alusdokumendid: EN 4073:2016
Asendatud järgmise dokumendiga: EVS-EN 4073:2025
Standardi staatus: Kehtetu

EVS-EN 4075:2008
Aerospace series - Screws, pan head, offset cruciform recess, threaded to head, in corrosion resisting steel, passivated - Classification: 490 MPa (at ambient temperature) / 425 °C

Keel: en
Alusdokumendid: EN 4075:2008
Asendatud järgmise dokumendiga: EVS-EN 4075:2025
Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

CEN/TR 16422:2012
Classification of thermoregulatory properties

Keel: en
Alusdokumendid: CEN/TR 16422:2012
Asendatud järgmise dokumendiga: EVS-EN 16422:2025
Standardi staatus: Kehtetu

EVS-EN 17131:2019
Textiles and textile products - Determination of dimethylformamide (DMF), method using gas chromatography

Keel: en
Alusdokumendid: EN 17131:2019
Asendatud järgmise dokumendiga: EVS-EN 17131-2:2025
Asendatud järgmise dokumendiga: prEN 17131-1
Standardi staatus: Kehtetu

61 RÕIVATÖÖSTUS

CEN ISO/TS 16179:2012
Footwear - Critical substances potentially present in footwear and footwear components - Determination of organotin compounds in footwear materials (ISO/TS 16179:2012)

Keel: en
Alusdokumendid: ISO/TS 16179:2012; CEN ISO/TS 16179:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 16179:2025
Standardi staatus: Kehtetu

65 PÕLLUMAJANDUS

EVS-EN 12965:2019
Põllu- ja metsatöö traktorid ja masinad. Käitusvõllide kardaanid ja -kaitsed. Ohutus
Tractors and machinery for agriculture and forestry - Power take-off (PTO) drive shafts and their guards - Safety

Keel: en
Alusdokumendid: EN 12965:2019
Asendatud järgmise dokumendiga: EVS-EN 12965:2019+A1:2025
Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 13806:2002
Toiduained. Raskemetallide määramine. Elavhõbeda määramine rõhu all mineraliseerimisega aatom-absorptsiooni külma auru meetodil (CVAAC).
Foodstuffs - determination of trace elemnts - Determination of mercury by cold-vapour atomic absorption spectometry (CVAAS) after pressure digestion

Keel: en
Alusdokumendid: EN 13806:2002
Asendatud järgmise dokumendiga: EVS-EN 13806-1:2025
Asendatud järgmise dokumendiga: EVS-EN 13806-2:2025
Asendatud järgmise dokumendiga: EVS-EN 13806-3:2025
Standardi staatus: Kehtetu

EVS-EN 15180:2014
Toidutöötlemismasinad. Toidu dosaatorid. Ohutus- ja hügieeninõuded
Food processing machinery - Food depositors - Safety and hygiene requirements

Keel: en
Alusdokumendid: EN 15180:2014
Asendatud järgmise dokumendiga: EVS-EN 15180:2025
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN ISO 17828:2015
Solid biofuels - Determination of bulk density (ISO 17828:2015)

Keel: en
Alusdokumendid: EN ISO 17828:2015; ISO 17828:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 17828:2025
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 12390-4:2019

Kivistunud betooni katsetamine. Osa 4: Survetugevus. Katsemasinatele esitatavad nõuded
Testing hardened concrete - Part 4: Compressive strength - Specification for testing machines

Keel: en, et
Alusdokumendid: EN 12390-4:2019
Asendatud järgmise dokumendiga: EVS-EN 12390-4:2025
Standardi staatus: Kehtetu

EVS-EN 13757-3:2018

Communication systems for meters - Part 3: Application protocols

Keel: en
Alusdokumendid: EN 13757-3:2018
Asendatud järgmise dokumendiga: EVS-EN 13757-3:2025
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 12586:2007+A1:2011

Lastele kasutamiseks ja laste hooldamiseks mõeldud tooted. Rõngasluti hoidja. Ohutusnõuded ja katsemeetodid
Child use and care articles - Soother holder - Safety requirements and test methods CONSOLIDATED TEXT

Keel: en, et
Alusdokumendid: EN 12586:2007+A1:2011
Asendatud järgmise dokumendiga: EVS-EN 12586:2025
Standardi staatus: Kehtetu

EVS-EN 71-4:2020

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

Keel: en
Alusdokumendid: EN 71-4:2020
Asendatud järgmise dokumendiga: EVS-EN 71-4:2020+A1:2025
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

EN ISO 1942:2020/prA1

Dentistry - Vocabulary - Amendment 1: Definitions for types of tests used in standards development (ISO 1942:2020/DAM 1:2025)

Amendment to EN ISO 1942:2020

Keel: en
Alusdokumendid: ISO 1942:2020/DAmd 1; EN ISO 1942:2020/prA1
Muudab dokumenti: EVS-EN ISO 1942:2020

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN ISO 11145

Optics and photonics - Lasers and laser-related equipment - Vocabulary and symbols (ISO/DIS 11145:2025)

This document defines basic terms, symbols, and units of measurement for the field of laser technology in order to unify the terminology and to arrive at clear definitions and reproducible tests of beam parameters and laser-oriented product properties. NOTE The laser hierarchical vocabulary laid down in this document differs from that given in IEC 60825?1. ISO and IEC have discussed this difference and agree that it reflects the different purposes for which the two standards serve. For more details, see informative Annex A.

Keel: en
Alusdokumendid: ISO/DIS 11145; prEN ISO 11145
Asendab dokumenti: EVS-EN ISO 11145:2018

Arvamusküsitluse lõppkuupäev: 13.06.2025

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

prEN ISO 22359

Security and resilience - Guidelines for hardened protective shelters (ISO 22359:2024)

This document provides guidelines for the design, use and maintenance of hardened protective shelters (hereafter referred to as “shelters”). It specifies guidance on the layout, structures, equipment and actions related to a shelter. This document is intended for organizations or individuals responsible for or involved in decision-making, planning, implementation, administration, use or upkeep of shelters, such as local, regional and national governments, civil protection agencies, first responders and businesses such as designers, constructers and equipment suppliers. This document does not cover the minimum requirements or exact specifications for the properties of or actions related to a shelter; nor does it cover rapidly erected temporary shelters, such as lightweight canvas weather shelters, other tarp tent shelters, or metal and container shelters. Military shelters are subject to additional requirements which are outside the scope of this document.

Keel: en
Alusdokumendid: ISO 22359:2024; prEN ISO 22359

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN ISO/IEC 17024

Conformity assessment - General requirements for bodies operating certification of persons (ISO/IEC DIS 17024:2025)

This document contains principles and requirements for a body operating certification of persons and includes the development and maintenance of a scheme for certification of persons. NOTE For the purposes of this document, the term "certification body" is used in place of the full term "body operating certification of persons", and the term "certification scheme" is used in place of the full term “scheme for certification of persons”.

Keel: en
Alusdokumendid: ISO/IEC DIS 17024; prEN ISO/IEC 17024
Asendab dokumenti: EVS-EN ISO/IEC 17024:2012

Arvamusküsitluse lõppkuupäev: 13.06.2025

07 LOODUS- JA RAKENDUSTEADUSED

EN ISO 18744:2016/prA1:2025

Microbiology of the food chain - Detection and enumeration of Cryptosporidium and Giardia in fresh leafy green vegetables and berry fruits - Amendment 1: Method validation studies and performance characteristics (ISO 18744:2016/DAmd 1:2025)

Amendment to EN ISO 18744:2016

Keel: en
Alusdokumendid: ISO 18744:2016/DAmd 1:2025; EN ISO 18744:2016/prA1:2025
Muudab dokumenti: EVS-EN ISO 18744:2016

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN ISO 13647

Water quality - Enumeration of culturable microorganisms - Colony count by spread plate inoculation on R2A medium (ISO/DIS 13647:2025)

This document specifies a method for the enumeration of culturable microorganisms in water by counting the colonies on a low-nutrient agar culture medium after incubation at 22 °C for 7 d. The method is intended to measure the operational efficiency of the treatment process of public drinking water supplies, including the water in distribution systems and containers. The method is particularly suitable to monitor water for human consumption which is low in nutrients and is distributed in temperatures below 20 °C. The method can be applied to all types of water, including pool and spa waters. NOTE 1 The low-nutrient agar in use in this document usually gives higher colony counts from water samples than nutrient-rich formulations of culture media typically used for enumeration of culturable microorganisms. NOTE 2 The method is also applicable for waters of very low nutrient content such as de-ionised, distilled or reverse osmosis waters. NOTE 3 This document describes the use of R2A medium. There are other formulations available, e.g. R3A medium that might be suitable for certain applications but go beyond the scope of this document.

Keel: en
Alusdokumendid: ISO/DIS 13647; prEN ISO 13647

Arvamusküsitluse lõppkuupäev: 13.06.2025

11 TERVISEHOOLDUS

EN ISO 1942:2020/prA1

Dentistry - Vocabulary - Amendment 1: Definitions for types of tests used in standards development (ISO 1942:2020/DAM 1:2025)

Amendment to EN ISO 1942:2020

Keel: en
Alusdokumendid: ISO 1942:2020/DAmd 1; EN ISO 1942:2020/prA1
Muudab dokumenti: EVS-EN ISO 1942:2020

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN 18000-3

Animal health diagnostic analyses - Control of in vitro diagnostic reagents - Part 3: Reagents for PCR techniques

This document specifies the control and approval of in vitro diagnostic reagents used in animal health for the detection, and/or absolute quantification of pathogen-specific nucleic acid (DNA or RNA) by PCR (e.g. endpoint PCR, real-time PCR, reverse transcription-PCR). This document is applicable to diagnostic reagents as a priority for infectious diseases (due to bacteria, viruses, fungi, or parasites, including genetic markers associated with pathogenicity, such as antimicrobial resistance or toxin production) and associated animal species for which harmonization of practices in this area is needed, i.e. those for which the national, regional or international regulatory framework provides for the control of trade in animals and/or animal products and/or the definition of a health status (absence of infection) of areas, establishments or individuals. Anyhow, all reagents designated by the competent authorities fall under the scope of this document. Nevertheless, the authorities or any other animal health stakeholder can choose to derogate in specific and very limited situations such as emerging, exotic or rare diseases. This document is not applicable to all existing diagnostic reagents, in particular those for which certain parameters described in this

document cannot be validly evaluated in accordance with international requirements, due, e.g. to the absence of a specific reference standard and/or accessible and duly validated reference materials. The PCR diagnosis usually involves the use of a nucleic acid extraction and/or purification reagent, and a PCR reagent. The PCR method (when applicable) involves the successive use of these distinct reagents. PCR reagent control can be performed if the applicant provides evidence of the validity of the PCR reagent for use in the animal health diagnostic analysis, by proving its diagnostic performances with nucleic acid extracts obtained from the different matrices described in the instruction for use. The control of a complete PCR method by the applicant and the control organization is performed only if the PCR reagent cannot be dissociated from an nucleic acid extraction and/or purification systems. This document does not cover the control of the nucleic acid extraction and/or purification reagents, only. This document does not cover the step in which the user verifies a reagent (analysis method adoption). NOTE Prion diseases are not included in the scope of this third part of the EN 18000 series. Unlike other infectious diseases, prion diseases are not diagnosed using PCR assays because prions lack a nucleic acid component and consist solely of an abnormally folded conformer of the normal host protein.

Keel: en
Alusdokumendid: prEN 18000-3

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN ISO 10322

Ophthalmic optics - Semi-finished blanks (ISO/DIS 10322:2025)

ISO 10322-1:2016 specifies requirements for the optical and geometrical properties of all semi-finished single-vision and multifocal spectacle lens blanks.

Keel: en
Alusdokumendid: ISO/DIS 10322; prEN ISO 10322
Asendab dokumenti: EVS-EN ISO 10322-1:2016
Asendab dokumenti: EVS-EN ISO 10322-2:2016

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN ISO 10993-11

Biological evaluation of medical devices - Part 11: Tests for systemic toxicity (ISO/DIS 10993-11:2025)

ISO 10993-11:2017 specifies requirements and gives guidance on procedures to be followed in the evaluation of the potential for medical device materials to cause adverse systemic reactions.

Keel: en
Alusdokumendid: ISO/DIS 10993-11; prEN ISO 10993-11
Asendab dokumenti: EVS-EN ISO 10993-11:2018

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN ISO 10993-3

Biological evaluation of medical devices - Part 3: Evaluation of genotoxicity, carcinogenicity, reproductive toxicity, and developmental toxicity (ISO/DIS 10993-3:2025)

ISO 10993-3 specifies strategies for risk estimation and selection of hazard identification tests, with respect to the possibility of the following potentially irreversible biological effects arising as a result of exposure to medical devices: genotoxicity; carcinogenicity; reproductive and developmental toxicity. ISO 10993-3 is applicable when the need to evaluate a medical device for potential genotoxicity, carcinogenicity, or reproductive toxicity has been established.

Keel: en
Alusdokumendid: ISO/DIS 10993-3; prEN ISO 10993-3
Asendab dokumenti: EVS-EN ISO 10993-3:2014

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN ISO 11979-4

Ophthalmic implants - Intraocular lenses - Part 4: Labelling and information (ISO/DIS 11979-4:2024)

This document specifies the labelling requirements for intraocular lenses (IOLs) and the information to be provided within or on the packaging. NOTE This document attempts to harmonize the recognized labelling requirements for IOLs throughout the world. However, there can be additional national requirements.

Keel: en
Alusdokumendid: ISO/DIS 11979-4:2025; prEN ISO 11979-4
Asendab dokumenti: EVS-EN ISO 11979-4:2009
Asendab dokumenti: EVS-EN ISO 11979-4:2009/A1:2012

Arvamusküsitluse lõppkuupäev: 14.05.2025

prEN ISO 22367

Medical laboratories - Application of risk management to medical laboratories (ISO/DIS 22637:2025)

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

Keel: en
Alusdokumendid: ISO/DIS 22367; prEN ISO 22367
Asendab dokumenti: EVS-EN ISO 22367:2020

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN ISO 23402-1

Dentistry - Portable dental equipment for use in non-permanent healthcare environment - Part 1: General requirements (ISO/DIS 23402-1:2025)

This document specifies general requirements and test methods for portable dental equipment for use in non-permanent healthcare environments. Portable dental equipment within the scope of this document includes portable dental units, portable patient chairs, portable operator's stools, portable operating lights, portable suction source equipment, portable air compressors and other portable dental equipment in instances where these devices are designed and constructed to be transported for use in non-permanent healthcare environments. NOTE Particular requirements for specific types of portable dental equipment for use in non-permanent healthcare environments are specified in subsequent parts of this document. This document does not apply to stationary dental equipment, wearable equipment (such as headlamps and loupes), mobile dental equipment or portable dental equipment that is not intended to be used in non-permanent healthcare environments or not designed to be disassembled, folded or packed for human transport between non-permanent healthcare environments. Also, requirements for stationary dental equipment that can be installed in a dental mobile medical facility (e.g. vehicular or containerized mobile dental clinic) are not considered in this document.

Keel: en
Alusdokumendid: ISO/DIS 23402-1; prEN ISO 23402-1
Asendab dokumenti: EVS-EN ISO 23402-1:2020

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN ISO 9680

Dentistry - Operating lights (ISO/DIS 9680:2025)

This document specifies requirements and test methods for operating lights used in the dental office and intended for illuminating the oral cavity of patients. It also contains specifications on the instructions for use, marking and packaging. This document applies to operating lights, irrespective of the technology of the light source. This document excludes auxiliary light sources, for example, from dental handpieces and dental headlamps and also operating lights which are specifically designed for use in oral surgery.

Keel: en
Alusdokumendid: ISO/DIS 9680; prEN ISO 9680
Asendab dokumenti: EVS-EN ISO 9680:2021

Arvamusküsitluse lõppkuupäev: 13.06.2025

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN 62061:2021/prA2:2025

Muudatus 2 - Masinate ohutus. Ohutusega seotud juhtimissüsteemide funktsionaalne ohutus Amendment 2 - Safety of machinery - Functional safety of safety-related control systems

Standardi EN 62061:2021 muudatus

Keel: en
Alusdokumendid: 44/1058/CDV; EN 62061:2021/prA1:2025
Muudab dokumenti: EVS-EN IEC 62061:2021
Muudab dokumenti: EVS-EN IEC 62061:2021+A1:2024

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN 1568-1

Fire extinguishing media - Foam concentrates - Part 1: Specification for medium expansion foam concentrates for surface application to water-immiscible liquids

This European Standard specifies requirements for chemical and physical properties, and minimum performance requirements of medium expansion foams suitable for surface application to water-immiscible liquids. Requirements are also given for marking. WARNING - Any type approval according to this standard is invalidated by any change in composition of the approved product.

Some concentrates conforming to this part of EN 1568 can also conform to other parts and therefore can also be suitable for application as low and/or high expansion foams.

Keel: en
Alusdokumendid: prEN 1568-1
Asendab dokumenti: EVS-EN 1568-1:2018

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN 1568-2

Fire extinguishing media - Foam concentrates - Part 2: Specification for high expansion foam concentrates for surface application to water-immiscible liquids

This European Standard specifies requirements for chemical and physical properties, and minimum performance requirements of high expansion foams suitable for surface application to water-immiscible liquids. Requirements are also given for marking. WARNING - Any type approval according to this standard is invalidated by any change in composition of the approved product. Some concentrates conforming to this part of EN 1568 can also conform to other parts and therefore can also be suitable for application as low and/or medium expansion foams.

Keel: en
Alusdokumendid: prEN 1568-2
Asendab dokumenti: EVS-EN 1568-2:2018

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN 1568-3

Fire extinguishing media - Foam concentrates - Part 3: Specification for low expansion foam concentrates for surface application to water-immiscible liquids

This European Standard specifies requirements for chemical and physical properties, and minimum performance requirements of low expansion foams suitable for surface application to water-immiscible liquids. Requirements are also given for marking. WARNING - Any type approval according to this standard is invalidated by any change in composition of the approved product. Some concentrates conforming to this part of EN 1568 can also conform to other parts and therefore can also be suitable for application as medium and/or high expansion foams, and for application at low expansion to water-miscible liquids.

Keel: en
Alusdokumendid: prEN 1568-3
Asendab dokumenti: EVS-EN 1568-3:2018

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN 1568-4

Fire extinguishing media - Foam concentrates - Part 4: Specification for low expansion foam concentrates for surface application to water-miscible liquids

This European Standard specifies requirements for chemical and physical properties, and minimum performance requirements of low expansion foams suitable for surface application to water-miscible liquids. Requirements are also specified for marking. IMPORTANT - The fire performance is tested using acetone and isopropanol as the fuel, which also forms the basis for the performance classification. However, there are a large number of water-miscible liquids which have more or less different properties to acetone and isopropanol. It has been shown by tests using other fuels that the performance of various foams can differ considerably. Examples of such fuel is Methyl Ethyl Ketone (MEK). It is therefore essential that the user checks for any unfavourable or unacceptable loss of efficiency when the foam is used against fires in any other water-miscible fuels than acetone and isopropanol respectively. The fire test conditions and procedure given in H.2 can be used in order to achieve results comparative with acetone and isopropanol respectively and related requirements. It is also essential for the user to note that other fuel depths and methods of application than those specified in H.2 can cause considerable loss of efficiency and these matters should be carefully considered by the user when assessing the suitability for particular applications. WARNING - Any type approval according to this standard is invalidated by any change in composition of the approved product. NOTE Some concentrates conforming to this part of the EN 1568 series can also conform to other parts and therefore can also be suitable for application as medium and/or high expansion foams.

Keel: en
Alusdokumendid: prEN 1568-4
Asendab dokumenti: EVS-EN 1568-4:2018

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN ISO 14025

Environmental statements and programmes for products - Environmental product declarations (EPDs) (ISO/DIS 14025:2025)

1.1 This document specifies principles and requirements, and provides guidance for environmental product declaration (EPD) programmes and their associated environmental product declarations. This document specifies the use of ISO 14040 and ISO 14044 on life cycle assessment in the development of EPDs. 1.2 This document covers EPD programmes and their associated EPDs intended to address environmental impacts and aspects of products which can also include related social and economic aspects in support of sustainable development. NOTE 1 This document does not deal with Social-LCA and Economic-LCA indicators. NOTE 2 Related social and economic aspects of the products can be reported as additional sustainability-related information, where relevant and available. 1.3 This document provides guidance and requirements for the communication of the environmental impacts and aspects of products to the intended audience of the EPD. 1.4 This document does not include sector-

specific provisions, which are dealt with in other ISO documents. It is intended that sector-specific provisions in other ISO documents related to EPDs be based on and use the principles, requirements, and guidance of this document.

Keel: en
Alusdokumendid: prEN ISO 14025; ISO/DIS 14025:2025
Asendab dokumenti: EVS-EN ISO 14025:2010

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN ISO 31915-3
Aircraft ground support equipment - General requirements - Part 3: Vibration measurement methods and reduction (ISO/DIS 31915-3:2025)

This document deals with whole body vibration as a significant hazard. It also specifies the methods for determining the vibration emission transmitted to the whole body of drivers standing and/or seated on freely moveable GSE, when driving for purposes of type evaluation, declaration and methods of verifying vibration emission. The test results are not applicable to the determination of whole body vibration exposure of persons.

Keel: en
Alusdokumendid: ISO/DIS 31915-3; prEN ISO 31915-3
Asendab dokumenti: EVS-EN 1915-3:2004+A1:2009

Arvamusküsitluse lõppkuupäev: 13.06.2025

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN 12096
Mechanical vibration - Declaration and verification of vibration emission values

This document specifies the requirements for declaration and verification of vibration emission values of continuous, frequency-weighted and repeated shock vibrations. It applies to hand-arm and whole-body vibration values achieved by measurements according to type-B and type-C standards. It - gives guidance on the declaration of vibration emission values, - describes vibration and product information to be given in the instruction for use supplied with the machinery, - specifies the method for verifying the declared vibration emission values stated in the instruction for use of the machinery.

Keel: en
Alusdokumendid: prEN 12096
Asendab dokumenti: EVS-EN 12096:2000

Arvamusküsitluse lõppkuupäev: 13.06.2025

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EN ISO 14245:2021/prA1
Gas cylinders - Specifications and testing of LPG cylinder valves - Self-closing - Amendment 1 (ISO 14245:2021/DAM 1:2025)

Amendment to EN ISO 14245:2021

Keel: en
Alusdokumendid: ISO 14245:2021/DAmd 1; EN ISO 14245:2021/prA1
Muudab dokumenti: EVS-EN ISO 14245:2021

Arvamusküsitluse lõppkuupäev: 13.06.2025

25 TOOTMISTEHNOLOOGIA

EN 62061:2021/prA2:2025
Muudatus 2 - Masinate ohutus. Ohutusega seotud juhtimissüsteemide funktsionaalne ohutus
Amendment 2 - Safety of machinery - Functional safety of safety-related control systems

Standardi EN 62061:2021 muudatus

Keel: en
Alusdokumendid: 44/1058/CDV; EN 62061:2021/prA1:2025
Muudab dokumenti: EVS-EN IEC 62061:2021
Muudab dokumenti: EVS-EN IEC 62061:2021+A1:2024

Arvamusküsitluse lõppkuupäev: 13.06.2025

EVS-EN IEC 60974-1:2022/A13:2025
Kaarkeevitusseadmed. Osa 1: Keevitamise vooluallikad
Arc welding equipment - Part 1: Welding power sources

Standardi EN IEC 60974-1:2022 muudatus

Keel: en
Alusdokumendid: EN IEC 60974-1:2022/A13:2025

Muudab dokumenti: EVS-EN IEC 60974-1:2022

Arvamusküsitluse lõppkuupäev: 13.06.2025

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN ISO/IEC 80079-41

Explosive atmospheres - Part 41: Reciprocating internal combustion engines (ISO/IEC DIS 80079-41:2025)

This part of ISO/IEC 80079 specifies the technical requirements for design, construction, conversion, testing, marking and the information required for use to avoid or minimise the possibility of ignition which could from reciprocating internal combustion engine intended for use in explosive atmospheres including: – Group I EPL Mb for use in underground workings susceptible to firedamp or combustible dust, – Group II EPL Gb and EPL Gc for use in explosive atmospheres of flammable gas and vapour, and – Group III EPL Db and EPL Dc for use in explosive atmospheres of combustible dust. – For EPL Gc and Dc engines, only normal operating conditions need to be taken into account. Malfunctions need not be considered (see B.2.1). This document includes those tests of the engine and its ancillary devices that are required to verify compliance with this document. This document applies to both reciprocating internal combustion engines with compression ignition for EPL Mb, Gb, Gc, Db, Dc and gaseous fuelled spark ignition engines for EPL Gc. See Annex G. This document does not define requirements relating to the driven machinery and equipment. This document does not apply to – explosive mixtures of vapours and gases, which tend to self-decompose (for example carbon disulphide (CS2), ethylene oxide (C2H4O), acetylene (C2H2)) or which are chemically unstable; • hydrogen fueled engines, including blends; • engines used in areas for the processing, manufacture or storage of explosives; • gasoline and other spark ignited engines where the fuel is injected into the combustion chamber as a liquid; or • electrical ignition spark systems. Note 1 Spark ignition systems used with equipment covered by ISO/IEC 80079-41 is covered by IEC 60079-45 This document solely deals with explosion protection requirements. Requirements on gaseous or particulate exhaust emissions are not covered by this standard. General safety requirements are not included in this International Standard. This document does not specify requirements for safety, other than those directly related to the possibility of ignition of flammable mixtures in the surrounding atmosphere which can lead to an explosion. The standard atmospheric conditions (relating to the explosion characteristics of the atmosphere) under which it can be assumed that the engine may be operated are: • temperature –20 °C to +60 °C • pressure 80 kPa (0,8 bar) to 110 kPa (1,1 bar); and • air with normal oxygen content, typically 21% v/v. An engine for use outside of the standard atmospheric conditions is to be designed, constructed tested and marked for those conditions. The ignition hazard assessment, ignition, protection provided, additional testing (if necessary) manufacturer's technical documentation and instructions to the user are intended toclearly demonstrate the engine's suitability for the conditions. NOTE 2 changes in temperature and pressure have an influence on the characteristics of the explosive atmosphere including ignitability NOTE 3 IEC TS 60079-43 gives information for equipment used in explosive atmospheres in environmental conditions which include ambient temperatures below –20 °C and additional adverse conditions, including maritime applications. NOTE 4 Reciprocating internal combustion engines are not considered as pressure vessels. This document supplements and modifies the general requirements of IEC 60079-0:2017 and ISO 80079-36. Where a requirement of this document conflicts with a requirement of IEC 60079-0:2017 and ISO 80079-36 as far as applicable for Ex engines, the requirement of this standard takes precedence. NOTE 5 On-going inspection, maintenance and repair aspects play an important role in control of hazardous area installations and the user's attention is drawn to IEC 60079-17, IEC 60079-19 and IEC 60079-14 and manufacturer's instructions for further information concerning these aspects.

Keel: en
Alusdokumendid: ISO/IEC DIS 80079-41; prEN ISO/IEC 80079-41

Arvamusküsitluse lõppkuupäev: 13.06.2025

29 ELEKTROTEHNIKA

EN 62061:2021/prA2:2025

Muudatus 2 - Masinate ohutus. Ohutusega seotud juhtimissüsteemide funktsionaalne ohutus Amendment 2 - Safety of machinery - Functional safety of safety-related control systems

Standardi EN 62061:2021 muudatus

Keel: en
Alusdokumendid: 44/1058/CDV; EN 62061:2021/prA1:2025
Muudab dokumenti: EVS-EN IEC 62061:2021
Muudab dokumenti: EVS-EN IEC 62061:2021+A1:2024

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN IEC 62031:2025

LED modules - Safety requirements

This document specifies safety requirements for LED modules for operation at supply of a DC supply of up to 1 500 V or an AC supply up to 1 000 V. This document does not include requirements for performance characteristics of LED light sources. NOTE 1 LED light sources as defined in IEC 60050-845:2020, 845-27-053 can take the form of an LED module or an LED lamp. This document does not apply to: – LED packages; – LED light sources for automotive lighting; – OLED light sources; NOTE 2 Independent LED modules (see IEC 60050, 845-27-064) are considered luminaires with integral LED module(s) and are covered by the IEC 60598 series. NOTE 3 LED modules that are an integral component of the luminaire are covered by the requirements within IEC 60598-1:XXXX, Clause 4.3.1, referencing this document as far as applicable. NOTE 4 Where the word "LED module" is used in this document, it is understood to be "built-in LED module" as defined in IEC 60050-845:2020, 845-27-062."

Keel: en
Alusdokumendid: 34A/2442/CDV; prEN IEC 62031:2024

Asendab dokumenti: EVS-EN IEC 62031:2020
Asendab dokumenti: EVS-EN IEC 62031:2020/A11:2021
Asendab dokumenti: EVS-EN IEC 62031:2020+A11:2021

Arvamusküsitluse lõppkuupäev: 14.05.2025

prEN IEC 62683-1:2025

Low-voltage switchgear and controlgear - Product data and properties for information exchange - Part 1: Catalogue data

This document establishes the reference dictionary of the general description of classes of low-voltage switchgear and controlgear and their assemblies based on defined properties. This dictionary is used to facilitate the exchange in electronic format of data describing low-voltage switchgear and controlgear, their accessories and their assemblies. This document provides clear and unambiguous definitions of a limited number of properties and classes which are mainly used for presentation, selection and identification of products particularly in electronic catalogues. Each property has an unambiguously defined meaning and naming, and where relevant, a defined value list, a defined format and a defined unit. The intention is not to cover manufacturer specific features.

Keel: en
Alusdokumendid: 121/194/CDV; prEN IEC 62683-1:2025
Asendab dokumenti: EVS-EN 62683-1:2017

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN ISO/IEC 80079-41

Explosive atmospheres - Part 41: Reciprocating internal combustion engines (ISO/IEC DIS 80079-41:2025)

This part of ISO/IEC 80079 specifies the technical requirements for design, construction, conversion, testing, marking and the information required for use to avoid or minimise the possibility of ignition which could from reciprocating internal combustion engine intended for use in explosive atmospheres including: – Group I EPL Mb for use in underground workings susceptible to firedamp or combustible dust, – Group II EPL Gb and EPL Gc for use in explosive atmospheres of flammable gas and vapour, and – Group III EPL Db and EPL Dc for use in explosive atmospheres of combustible dust. – For EPL Gc and Dc engines, only normal operating conditions need to be taken into account. Malfunctions need not be considered (see B.2.1). This document includes those tests of the engine and its ancillary devices that are required to verify compliance with this document. This document applies to both reciprocating internal combustion engines with compression ignition for EPL Mb, Gb, Gc, Db, Dc and gaseous fuelled spark ignition engines for EPL Gc. See Annex G. This document does not define requirements relating to the driven machinery and equipment. This document does not apply to – explosive mixtures of vapours and gases, which tend to self-decompose (for example carbon disulphide (CS2), ethylene oxide (C2H4O), acetylene (C2H2)) or which are chemically unstable; • hydrogen fueled engines, including blends; • engines used in areas for the processing, manufacture or storage of explosives; • gasoline and other spark ignited engines where the fuel is injected into the combustion chamber as a liquid; or • electrical ignition spark systems. Note 1 Spark ignition systems used with equipment covered by ISO/IEC 80079-41 is covered by IEC 60079-45 This document solely deals with explosion protection requirements. Requirements on gaseous or particulate exhaust emissions are not covered by this standard. General safety requirements are not included in this International Standard. This document does not specify requirements for safety, other than those directly related to the possibility of ignition of flammable mixtures in the surrounding atmosphere which can lead to an explosion. The standard atmospheric conditions (relating to the explosion characteristics of the atmosphere) under which it can be assumed that the engine may be operated are: • temperature –20 °C to +60 °C • pressure 80 kPa (0,8 bar) to 110 kPa (1,1 bar); and • air with normal oxygen content, typically 21% v/v. An engine for use outside of the standard atmospheric conditions is to be designed, constructed tested and marked for those conditions. The ignition hazard assessment, ignition, protection provided, additional testing (if necessary) manufacturer's technical documentation and instructions to the user are intended toclearly demonstrate the engine's suitability for the conditions. NOTE 2 changes in temperature and pressure have an influence on the characteristics of the explosive atmosphere including ignitability NOTE 3 IEC TS 60079-43 gives information for equipment used in explosive atmospheres in environmental conditions which include ambient temperatures below –20 °C and additional adverse conditions, including maritime applications. NOTE 4 Reciprocating internal combustion engines are not considered as pressure vessels. This document supplements and modifies the general requirements of IEC 60079-0:2017 and ISO 80079-36. Where a requirement of this document conflicts with a requirement of IEC 60079-0:2017 and ISO 80079-36 as far as applicable for Ex engines, the requirement of this standard takes precedence. NOTE 5 On-going inspection, maintenance and repair aspects play an important role in control of hazardous area installations and the user's attention is drawn to IEC 60079-17, IEC 60079-19 and IEC 60079-14 and manufacturer's instructions for further information concerning these aspects.

Keel: en
Alusdokumendid: ISO/IEC DIS 80079-41; prEN ISO/IEC 80079-41

Arvamusküsitluse lõppkuupäev: 13.06.2025

31 ELEKTROONIKA

prEN IEC 62031:2025

LED modules - Safety requirements

This document specifies safety requirements for LED modules for operation at supply of a DC supply of up to 1 500 V or an AC supply up to 1 000 V. This document does not include requirements for performance characteristics of LED light sources. NOTE 1 LED light sources as defined in IEC 60050-845:2020, 845-27-053 can take the form of an LED module or an LED lamp. This document does not apply to: – LED packages; – LED light sources for automotive lighting; – OLED light sources; NOTE 2 Independent LED modules (see IEC 60050, 845-27-064) are considered luminaires with integral LED module(s) and are covered by the IEC 60598 series. NOTE 3 LED modules that are an integral component of the luminaire are covered by the requirements

within IEC 60598-1:XXXX, Clause 4.3.1, referencing this document as far as applicable. NOTE 4 Where the word "LED module" is used in this document, it is understood to be "built-in LED module" as defined in IEC 60050-845:2020, 845-27-062."

Keel: en
Alusdokumendid: 34A/2442/CDV; prEN IEC 62031:2024
Asendab dokumenti: EVS-EN IEC 62031:2020
Asendab dokumenti: EVS-EN IEC 62031:2020/A11:2021
Asendab dokumenti: EVS-EN IEC 62031:2020+A11:2021

Arvamusküsitluse lõppkuupäev: 14.05.2025

prEN ISO 11145

Optics and photonics - Lasers and laser-related equipment - Vocabulary and symbols (ISO/DIS 11145:2025)

This document defines basic terms, symbols, and units of measurement for the field of laser technology in order to unify the terminology and to arrive at clear definitions and reproducible tests of beam parameters and laser-oriented product properties. NOTE The laser hierarchical vocabulary laid down in this document differs from that given in IEC 60825?1. ISO and IEC have discussed this difference and agree that it reflects the different purposes for which the two standards serve. For more details, see informative Annex A.

Keel: en
Alusdokumendid: ISO/DIS 11145; prEN ISO 11145
Asendab dokumenti: EVS-EN ISO 11145:2018

Arvamusküsitluse lõppkuupäev: 13.06.2025

33 SIDETEHNIKA

EN 60315-4:1998/prA1

Methods of measurement on radio receivers for various classes of emission - Part 4: Receivers for frequency-modulated sound broadcasting emissions

Amendment to EN 60315-4:1998

Keel: en
Alusdokumendid: 100/4290/CDV; EN 60315-4:1998/prA1
Muudab dokumenti: EVS-EN 60315-4:2002

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN 302 065-4-4 V2.0.0

Lähitoimeseadmed (SRD), mis kasutavad ultralairiba (UWB) tehnoloogiat; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 4. Materjalide tajurid; Jagu 4. Välimised objektide tajumisrakendused maapealsetele sõidukitele alla 10,6 GHz
Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised Standard for access to radio spectrum; Part 4: Material Sensing devices; Sub-part 4: Exterior material sensing applications for ground based vehicles below 10,6 GHz

The present document specifies the technical requirements, limits and test methods for material sensing devices using UWB technology exterior material sensing devices for ground based vehicles below 10,6 GHz. The present document only covers non-contact based UWB material sensing devices with antenna connectors according to ECC/DEC(07)01 and Commission Decision 2024/1467/EU. Further details of the covered EUT for external material sensing applications for ground-based vehicles and the related categories can be found in clause 4.2 of the present document. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: Draft ETSI EN 302 065-4-4 V2.0.0

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN 302 217-2 V3.4.0

Paiksed raadiosüsteemid; Raadioliinide seadmete ja antennide karakteristikud ja nõuded; Osa 2. Raadiosagedusalas 1 GHz kuni 174,8 GHz töötavad digitaalsüsteemid; Raadiospektri juurdepääsu harmoneeritud standard
Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 2: Digital systems operating in frequency bands from 1 GHz to 174,8 GHz; Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for Point-to-point (P-P) Digital Fixed Radio Systems (DFRS) operating in frequency bands allocated to Fixed Service (FS) from 1 GHz to 174,8 GHz, corresponding to the appropriate frequency bands from 1,4 GHz to 174,8 GHz as described in relevant annexes B through L. Systems in the scope of the present document are generally intended to operate in full Frequency Division Duplex (FDD) and cover also unidirectional links applications. Time Division Duplex (TDD) applications, when possibly applicable in a specific band, are explicitly mentioned as appropriate in the relevant annexes B through L. Other possible prescriptions, limitations and requirements, for operation in specific bands are also explicitly mentioned, as appropriate, in the relevant annexes B through L.

Systems in the scope of the present document are intended to operate only in combination with directive fixed gain antennas respecting the technical requirements in ETSI EN 302 217-4. Systems in the scope of the present document may be composed by equipment without antennas (see informative annex Q for background) or equipment including integral (but physically detachable) or dedicated antenna. Systems including integral antennas physically undetachable from the radio equipment are not in the scope of the present document (see note 1). NOTE 1: For additional information, the rationale is that the present document as well as ETSI EN 301 126-1 (radio equipment parameters testing) do not provide radiated test methods and ETSI EN 301 126-3-1 (antenna parameters testing) does not provide test methods for undetachable antennas; future revisions could fill this vacancy. NOTE 2: The relationship between the present document and the essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: Draft ETSI EN 302 217-2 V3.4.0

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN 302 372 V3.0.0

Lähitoimeseadmed (SRD), mis kasutavad ultralairiba (UWB) tehnoloogiat; Raadiospektrile juurdepääsu harmoneeritud standard; Sagedusvahemikes 4,5 GHz kuni 7 GHz, 8,5 GHz kuni 10,6 GHz, 24,05 GHz kuni 27 GHz, 57 GHz kuni 64 GHz, 75 kuni 85 GHz töötavad mahutite taseme sondeerimisseadmed (TLPR)
Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised standard for access to radio spectrum; Tank Level Probing Radar (TLPR) equipment operating in the frequency ranges 4,5 GHz to 7 GHz, 8,5 GHz to 10,6 GHz, 24,05 GHz to 27 GHz, 57 GHz to 64 GHz, 75 GHz to 85 GHz

The present document specifies technical requirements, limits and test methods for Tank Level Probing Radar (TLPR) equipment operating in the frequency ranges 4,5 GHz to 7 GHz, 8,5 GHz to 10,6 GHz, 24,05 GHz to 27 GHz, 57 GHz to 64 GHz and 75 GHz to 85 GHz. Tank Level Probing Radars in the scope of the present document consist of a combined transmitter and receiver and are equipped with an integral or dedicated antenna provided and specified by the EUT manufacturer. Further details of the covered TLPR EUT can be found in clause 4.2 of the present document. Technical and regulatory requirements for TLPR are provided in European Commission Implementing Decision (EU) 2025/105. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in Annex A.

Keel: en
Alusdokumendid: Draft ETSI EN 302 372 V3.0.0

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN 303 364-1-1 V1.0.0

Seire primaarradar (PSR); Raadiospektrile juurdepääsu harmoneeritud standard; Osa 1: Lennujuhtimise (ATC) PSR sensorid, mis töötavad sagedusvahemikus 1 215 MHz kuni 1 400 MHz (sagedusriba L); Alaosa 1: Reflektorantenne kasutavad radarsüsteemid.
Primary Surveillance Radar (PSR); Harmonised Standard for access to radio spectrum; Part 1: Air Traffic Control (ATC) PSR sensors operating in the frequency band 1 215 MHz to 1 400 MHz (L band); Sub-part 1: radar systems using reflector antennas

The present document specifies technical characteristics and methods of measurements for ground based monostatic ATC solid state primary surveillance radars that are intended to work with a waveguide-based rotating passive antenna and have the following characteristics: • operation in the 1 215 MHz to 1 400 MHz frequency range; • transmitter output peak power up to 100 kW; • the transceiver output uses an RF circulator; • a piece of waveguide of at least 66 cm is integral to the transceiver. NOTE 1: Phased array ATC primary surveillance radars are not covered by the present document. NOTE 2: 66 cm equals 2 times the cut-off wavelength of a WR650/WG6/R14 waveguide which is typically used in the 1 215 MHz to 1 400 MHz frequency range. NOTE 3: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in Annex A.

Keel: en
Alusdokumendid: Draft ETSI EN 303 364-1-1 V1.0.0

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN 305 550-5 V1.0.0

Lähitoimeseadmed (SRD), mida kasutatakse 40 GHz kuni 260 GHz sagedusvahemikus; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 5: Ultra lühikese tegevusulatusega side (USRC) raadiosagedusalas 57 GHz kuni 64 GHz.
Short Range Devices (SRD) to be used in the 40 GHz to 260 GHz frequency range; Harmonised Standard for access to radio spectrum; Part 5: Ultra Short Range Communication (USRC) equipment operating within 57 GHz to 64 GHz

The present document specifies technical characteristics, limits and methods of measurements for Ultra Short Range Communication (USRC) equipment operating in the 57 GHz to 64 GHz frequency range. Further details for the covered Ultra Short Range Communication (USRC) equipment can be found in clause 4.2 of the present document. NOTE: The relationship between the present document and essential requirement of article 3.2 of Directive 2014/53/EU is given in Annex A.

Keel: en
Alusdokumendid: Draft ETSI EN 305 550-5 V1.0.0

Arvamusküsitluse lõppkuupäev: 13.06.2025

35 INFOTEHNOLOOGIA

prEN ISO 12052

Health informatics - Digital imaging and communication in medicine (DICOM) including workflow and data management (ISO/DIS 12052:2025)

ISO 12052:2017, within the field of health informatics, addresses the exchange of digital images and information related to the production and management of those images, between both medical imaging equipment and systems concerned with the management and communication of that information. ISO 12052:2017 facilitates interoperability of medical imaging equipment by specifying: - for network communications, a set of protocols to be followed by devices claiming conformance to this document; - the syntax and semantics of Commands and associated information which can be exchanged using these protocols; - for media communication, a set of media storage services to be followed by devices claiming conformance to this document, as well as a File Format and a medical directory structure to facilitate access to the images and related information stored on interchange media; - information that is to be supplied with an implementation for which conformance to this document is claimed. ISO 12052:2017 does not specify: - the implementation details of any features of the DICOM standard on a device claiming conformance; - the overall set of features and functions to be expected from a system implemented by integrating a group of devices each claiming conformance to this document; - a testing/validation procedure to assess an implementation's conformance to this document. ISO 12052:2017 pertains to the field of medical informatics. Within that field, it addresses the exchange of digital information between medical imaging equipment and other systems. Because such equipment may interoperate with other medical devices and information systems, the scope of this document needs to overlap with other areas of medical informatics. However, this document does not address the full breadth of this field. ISO 12052:2017 has been developed with an emphasis on diagnostic medical imaging as practiced in radiology, cardiology, pathology, dentistry, ophthalmology and related disciplines, and image-based therapies such as interventional radiology, radiotherapy and surgery. However, it is also applicable to a wide range of image and non-image related information exchanged in clinical, research, veterinary, and other medical environments. ISO 12052:2017 facilitates interoperability of systems claiming conformance in a multi-vendor environment, but does not, by itself, guarantee interoperability.

Keel: en
Alusdokumendid: ISO/DIS 12052; prEN ISO 12052
Asendab dokumenti: EVS-EN ISO 12052:2017

Arvamusküsitluse lõppkuupäev: 13.06.2025

45 RAUDTEETEHNIKA

prEN 18171

Railway applications - Railway Rolling stock - Digital Freight Automatic Coupler - Performance requirements specific interface geometry and test method

This European Standard specifies the requirements for the digital automatic coupler (DAC) for freight compliant with the Technical Specification relating to the subsystem ‘rolling stock — freight wagons’ of the rail system in the European Union Commission Regulation (EU) No 321/2013 of 13 March 2013 and repealing Decision 2006/861/EC and EU regulation 2019/776. Commission Regulation (EU) No 1302/2014 of 18 November 2014 concerning a technical specification for interoperability relating to the ‘rolling stock — locomotives and passenger rolling stock’. This standard specifies the minimum interface requirements to allow automatic coupling (mechanical and pneumatic) of two digital automatic couplers. The standard further specifies the mechanical interfaces needed for the interoperability of electrical couplers. It does not cover the electrical contacts needed. The standard covers the requirements for DACs integrated into locomotives. Coupler-to-coupler interfaces for the Hybrid coupler solutions will be covered in this standard. All non-mechanical interfaces such as the digital and electrical requirements needed for the DAC are defined in the scope of CENELEC/TC9X/WG 15-10.

Keel: en
Alusdokumendid: prEN 18171

Arvamusküsitluse lõppkuupäev: 13.06.2025

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 3545-001

Aerospace series - Connectors, electrical, rectangular, with sealed and non-sealed rear, plastic housing, locking device, operating temperatures -55 °C to 175 °C - Part 001: Technical specification

This document specifies the technical requirements of rectangular connectors with sealed and non-sealed rear, plastic housing, locking device, for operating temperatures from -55 °C to 175 °C.

Keel: en
Alusdokumendid: prEN 3545-001
Asendab dokumenti: EVS-EN 3545-001:2008

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN 4216

Aerospace series - Steel GX5CrNiCuNb16-4 (1.4525) - Homogenized, solution treated and precipitation hardened - Investment casting - De ≤ 50 mm - Rm ≥ 900 MPa

This document specifies the requirements relating to: Steel GX5CrNiCuNb16-4 (1.4525) Homogenized Solution treated and precipitation hardened Investment casting De ≤ 50 mm Rm ≥ 900 MPa for aerospace applications.

Keel: en
Alusdokumendid: prEN 4216
Asendab dokumenti: EVS-EN 4216:2007

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN ISO 31915-3

Aircraft ground support equipment - General requirements - Part 3: Vibration measurement methods and reduction (ISO/DIS 31915-3:2025)

This document deals with whole body vibration as a significant hazard. It also specifies the methods for determining the vibration emission transmitted to the whole body of drivers standing and/or seated on freely moveable GSE, when driving for purposes of type evaluation, declaration and methods of verifying vibration emission. The test results are not applicable to the determination of whole body vibration exposure of persons.

Keel: en
Alusdokumendid: ISO/DIS 31915-3; prEN ISO 31915-3
Asendab dokumenti: EVS-EN 1915-3:2004+A1:2009

Arvamusküsitluse lõppkuupäev: 13.06.2025

53 TÕSTE- JA TEISALDUS-SEADMED

prEN 16842-11

Powered industrial trucks - Visibility - Test methods and verification - Part 11: Pallet stacking trucks (rider controlled)

This document specifies the requirements and test procedures for 360° visibility of self-propelled industrial rider-controlled pallet-stacking trucks in accordance with ISO 5053-1 (herein after referred to as trucks), without a load and it is intended to be used in conjunction with EN 16842-1. This document also applies to pedestrian controlled trucks with foldable platform when used in ride-on mode. Pedestrian-controlled and pedestrian-propelled trucks are not covered by this document. Where specific requirements in this part are modified from the general requirements in EN 16842-1, the requirements of this part are truck specific and intended to be used for self-propelled industrial stand-on pallet-stacking trucks. This part of EN 16842 deals with all significant hazards, hazardous situations or hazardous events relevant to the visibility of the operator for applicable machines when used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer.

Keel: en
Alusdokumendid: prEN 16842-11

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN ISO 10896-2

Rough-terrain trucks - Safety requirements and verification - Part 2: Slewing trucks (ISO/DIS 10896-2:2024)

This document specifies general safety requirements for slewing rough-terrain variable-reach trucks (referred to as trucks), with rigid chassis and equipped with a telescopic lifting means (pivoting boom on which a load-handling device such as a carriage with fork arms is typically fitted. Fork arms and fork carriage are considered to be parts of the truck. NOTE These trucks are also known as slewing telehandlers, or slewing telescopic handlers. For the purpose of this document, trucks are designed to transport, lift and place loads and can be driven on unimproved terrain. They can also be equipped with a variety of attachments other than fork arms, which can be both load-carrying and non-load-carrying. They can also be equipped with a remote operating position for load handling, travelling or both. Other standards, in addition to the relevant provisions of this document, can apply to the attachments. This document is not applicable to the following: a) rough-terrain variable-reach trucks (covered by ISO 10896-1, EN 1459-1 and AS 10896.1); b) industrial variable-reach trucks covered by ISO 3691-2; c) machines designed primarily for earth moving, such as loaders, even if their buckets are replaced by fork arms (see ISO 20474 and the EN 474 series); d) trucks with articulated chassis; e) machines designed primarily with variable-length load suspension elements (for example chain, ropes) from which the load can swing freely in all directions (mobile cranes); f) trucks designed primarily for container handling. This document deals with all significant hazards, hazardous situations and events relevant to the trucks when they are used as intended and under reasonably foreseeable conditions of misuse (see Annex A). This document does not address hazards that can occur: — during manufacture; — when handling suspended loads, which can swing freely (see ISO 10896-4 and EN 1459-4); — when using trucks on public roads; — when operating in potentially explosive atmospheres; — with a battery, LPG or hybrid (battery/internal combustion engine) as the primary power source; — when operating underground; — when fitted with a personnel work platform (additional requirements are given in ISO 10896-5 and EN 1459-3). This document does not address hazards specifically related to: — varying levels of autonomy or embedded safety-systems with fully or partially self-evolving behaviour or logic using “machine learning” approaches; — communication network connection of the truck; — corruption via device connected to the truck or via any remote device that communicates with the truck. This document does not cover sales literature. This document is not applicable to trucks manufactured before the date of its publication.

Keel: en
Alusdokumendid: prEN ISO 10896-2; ISO/DIS 10896-2:2025

Arvamusküsitluse lõppkuupäev: 14.05.2025

67 TOIDUAINETE TEHNOLOOGIA

prEN ISO 2825
Spices and condiments - Preparation of a ground sample for analysis (ISO/DIS 2825:2025)

This International Standard specifies a method of preparing a ground sample of spice or condiment for analysis, from a laboratory sample obtained by the method specified in ISO 948.

Keel: en
Alusdokumendid: ISO/DIS 2825:2025; prEN ISO 2825
Asendab dokumenti: EVS-EN ISO 2825:2010

Arvamusküsitluse lõppkuupäev: 13.06.2025

75 NAFTA JA NAFTATEHNOLOOGIA

prEN 16715
Liquid petroleum products - Determination of ignition delay and derived cetane number (DCN) of middle distillate fuels - Ignition delay and combustion delay determination using a constant volume combustion chamber with direct fuel injection

This document specifies a test method for the quantitative determination of ignition and combustion delays of middle distillate fuels intended for use in compression ignition engines. The method utilizes a constant volume combustion chamber with direct fuel injection into heated, compressed synthetic air. A dynamic pressure wave is produced from the combustion of the product under test. An equation is given to calculate the derived cetane number (DCN) from the ignition and combustion delays determined from the dynamic pressure curve. This document is applicable to middle distillate fuels, fatty acid methyl esters (FAME) and blends of diesel fuels and FAME. The method is also applicable to middle distillate fuels of non-petroleum origin, oil-sands based fuels, blends of fuel containing biodiesel material, diesel fuel oils containing cetane number improver additives and low-sulphur diesel fuel oils. However, users applying this document especially to unconventional distillate fuels are warned that the relationship between derived cetane number and combustion behaviour in real engines is not yet fully understood. This document covers the ignition delay range from 2,6 ms to 3,9 ms and combustion delay from 3,78 ms to 6,56 ms (62,78 DCN to 39,44 DCN). NOTE The combustion analyser can measure shorter or longer ignition and combustion delays, but precision is not known. WARNING - The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of users of this document to take appropriate measures to ensure the safety and health of personnel prior to application of the document, and fulfil statutory and regulatory requirements for this purpose.

Keel: en
Alusdokumendid: prEN 16715
Asendab dokumenti: EVS-EN 16715:2015

Arvamusküsitluse lõppkuupäev: 13.06.2025

91 EHITUSMATERJALID JA EHITUS

prEN 15848
Water conditioning equipment inside buildings - Adjustable chemical dosing systems - Requirements for performance, safety and testing

This document specifies definitions, principles of construction (but not dimensions) and design, requirements on performance and operation as well as methods for testing the performance of adjustable chemical dosing systems for conditioning water intended for human consumption inside buildings (see [1]) which are permanently connected to the mains supply.

Keel: en
Alusdokumendid: prEN 15848
Asendab dokumenti: EVS-EN 15848:2010

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEN ISO 22359
Security and resilience - Guidelines for hardened protective shelters (ISO 22359:2024)

This document provides guidelines for the design, use and maintenance of hardened protective shelters (hereafter referred to as “shelters”). It specifies guidance on the layout, structures, equipment and actions related to a shelter. This document is intended for organizations or individuals responsible for or involved in decision-making, planning, implementation, administration, use or upkeep of shelters, such as local, regional and national governments, civil protection agencies, first responders and businesses such as designers, constructers and equipment suppliers. This document does not cover the minimum requirements or exact specifications for the properties of or actions related to a shelter; nor does it cover rapidly erected temporary shelters, such as lightweight canvas weather shelters, other tarp tent shelters, or metal and container shelters. Military shelters are subject to additional requirements which are outside the scope of this document.

Keel: en
Alusdokumendid: ISO 22359:2024; prEN ISO 22359

Arvamusküsitluse lõppkuupäev: 13.06.2025

prEVS 919

Suitsutõrje. Projekteerimine, seadmete paigaldus ja korrashoid
Smoke and heat control systems - Design, installation, maintenance

See standard käsitleb nõudeid hoonete suitsutõrjesüsteemide projekteerimisele, ehitamisele ja hooldamisele. Enne standardi kasutusele võtmist ehitatud suitsutõrjesüsteemidele rakendatakse vaid selle standardi hoolduse ja kontrolli nõudeid. Standard ei käsitle tunnelite suitsutõrjesüsteemide projekteerimist.

Keel: et
Asendab dokumenti: EVS 919:2020

Arvamusküsitluse lõppkuupäev: 13.06.2025

93 RAJATISED

prEN 12666-1

Plastics piping systems for non-pressure underground drains and sewers - Polyethylene (PE) - Part 1: Specifications for pipes, fittings and the system

5. Scope of the proposed work item (max 4000 characters) This document specifies the definitions and requirements for solid-wall pipes with or without internal skin and smooth internal and external surfaces extruded from the same compound throughout the wall, fittings and the system of polyethylene (PE) piping systems to be intended for use in non-pressure underground drains and sewers for foul wastewater. NOTE 1: Products complying with this document can also be used in non-pressure underground drains and sewers for surface water. This document is applicable to: a) non-pressure drains and sewers, which are intended to be used buried underground outside the building structure; reflected in the marking of products by “U”; and b) non-pressure drains and sewers, which are intended to be used buried underground both outside (application area code “U”) and within the building structure, reflected in the marking of products by “UD”. This document specifies test methods referred to in this document and test parameters. This document is applicable to pipes and fittings with or without an integral socket. This document covers a range of pipe and fitting sizes, stiffness classes, tolerance classes and gives recommendations concerning colours. NOTE 2 It is the responsibility of the purchaser or specifier to make the appropriate selections from these aspects, taking into account their particular requirements and any relevant national regulations and installation practices or codes. In conjunction with CEN/TS 12666-2[1] it is applicable to PE pipes and fittings, their joints and to joints with components of other plastics and non-plastics materials intended to be used for buried piping systems for non-pressure drains an sewers. The fittings can be manufactured by injection moulding or can be fabricated from pipes and/or mouldings. This document is applicable to PE pipes and fittings for the following types of joints: — Elastomeric ring seal joints; — Butt fused joints; — Electrofusion joints; — Mechanical joints; NOTE 3: Pipes, fittings and other components conforming to any of the plastics product standards listed in the Annex D (informative) may be used with pipes and fittings conforming to this European Standard, provided they conform to the requirements for joint dimensions given in Clause 7 and to the requirements of Clause 7 and Table 13.

Keel: en
Alusdokumendid: prEN 12666-1
Asendab dokumenti: EVS-EN 12666-1:2006+A1:2011

Arvamusküsitluse lõppkuupäev: 13.06.2025

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.

EN 14972-1:2020/prA1

Paiksed tulekustutussüsteemid. Veeudusüsteemid. Osa 1: Ehitus, paigaldamine, kontroll ja hooldus

Antud tehniline spetsifikatsioon täpsustab minimaalsed nõuded, annab teavet ehituse, paigaldamise ja katsetamise kohta, annab kriteeriumid, et hinnata paiksete veeudusüsteemide sobivust kindlate ohtude korral, ning sätestab tulekatseprotokollid erinevate ohurühmade jaoks. Nõuded ei kehti laevade, lennukite, sõidukite, kaasaskantavate tulekustutusvahendite ning kaevandustööstuse allmaasüsteemide veeudusüsteemide puhul. Selles dokumendis ei käsitleta plahvatuskaitsega seotud veeudu aspekte. Dokumendi tulekatsed kohalduvad rakendustele nagu kirjeldatud lisas A. Ekstrapolatsiooni ei ole kaetud. See dokument ei ole veeudusüsteemide kavandamise universaalne juhend, kuna erinevatel süsteemidel on erinevad omadused ja seega tuleb nende töönõuete täitmiseks järgida teistsuguseid kavanduskriteeriume. Üldistatud kavandamismeetodi puudusel on selle dokumendi eesmärk, et veeudusüsteeme saaks täies mahus katsetada ja et süsteemi komponente hinnataks kvalifitseeritud katselaborites. Süsteemi heakskiitmiseks tervikuna on vaja arvestada vastava tulekatsearuande, komponentide katsearuannete ning tootja ehitus-, paigaldus-, töö- ja hooldusjuhendiga. Kui gaas süsteemis on kustutamisel/ohjeldamisel oluliseks teguriks, kohalduvad standardite EN 12094 ja EN 15004-1 vastavad osad. Tulekaitsesüsteeme, mis on vastavuses EN 12845-ga, ning veepihustussüsteeme pole kaetud.

Keel: et
Alusdokumendid: EN 14972-1:2020/prA1

Kommenteerimise lõppkuupäev: 14.05.2025

EVS-EN 12390-4:2025

Kivistunud betooni katsetamine. Osa 4: Survetugevus. Katsemasinatele esitatavad nõuded

See dokument spetsifitseerib survekatsemasinatele esitatavad nõuded standardi EN 12390-3 kohaste betooni katsekeha või standardi EN 12504-1 kohaste puursüdamike survetugevuse mõõtmisel. Erinevatel kasutusaladel võivad kehtida teised täiendavad või erinevad nõuded.

Keel: et
Alusdokumendid: EN 12390-4:2025

Kommenteerimise lõppkuupäev: 14.05.2025

EVS-EN 12978:2024

Tööstus- ja kaubandushoonete ning garaažide tööstusuksed ja väravad ja uksed. Kaitseseadmed elektri abil töötavatele ustele ja väravatele. Nõuded ja katsemeetodid

See dokument määrab kindlaks nõuded ja katsemeetodid tundlikutele kaitseseadmestikele, mis turustatakse eraldi turvakomponentidena ning mida kasutatakse koos sissepääsuseadmetega, nagu jõuajamiga tööstus-, äri- ja garaažiuksed, väravad ja piirded, jõuajamiga jalakäijate uksed ning jõuajamiga jalakäijate sissepääsu kontrolliseadised. MÄRKUS Nõuded kaitseseadise ning tööstus-, äri- ja garaažiuste ja tõkete kombinatsiooni ohutule toimimisele on toodud standardis EN 12453. See dokument käsitleb kõiki olulisi ohte, ohtlikke olukordi ja sündmusi, mis on seotud uste, väravate ja piirete jõuajamiga käitamisega, kui neid kasutatakse eesmärgipäraselt ja niisugustes väärkasutuse tingimustes, mis on mõistlikult prognoositavad nagu on määratletud peatükis 4. See dokument käsitleb tundliku kaitseseadmestiku kõiki elutsükli etappe, sealhulgas transporti, kokkupanekut, demonteerimist, deaktiveerimist ja utiliseerimist. Kui selles dokumendis kasutatakse terminit „uks”, hõlmab see standardite EN 12453:2017+A1:2021, EN 16005:2023+A1:2024 ja EN 10225 reguleerimisalasse kuuluvate uste, väravate, piirete ja sissepääsu kontrolliseadiste kõiki tüüpe ja variatsioone. See dokument ei ole mõeldud kasutamiseks tundlike kaitseseadmestike puhul, mis kasutavad ultraheli, radari-, mahtuvus-, induktiiv-, passiivse infrapuna- ja kaamerapõhiseid tehnoloogiaid. Seda tüüpi seadiste puhul saab seda dokumenti kasutada juhendina, mis näitab, et selline seadis on lubatud. See dokument ei kehti tundlike kaitseseadmestike kohta, mis on toodetud enne selle dokumendi avaldamise kuupäeva.

Keel: et
Alusdokumendid: EN 12978:2024

Kommenteerimise lõppkuupäev: 14.05.2025

EVS-EN 18001:2024

Rippfassaadid. Toote keskkonnadeklaratsioonid. Tootekategooria reeglid rippfassaadidele

See dokument sisaldab tootekategooriate reeglid (PCR) III tüübi keskkonnadeklaratsioonide jaoks rippfassaadile vastavalt standardile EN 13830:2015+A1:2020, välja arvatud avatavad elemendid. Avatavaid elemente käsitletakse standardis EN 17213:2020. See dokument täiendab standardis EN 15804:2012+A2:2019 määratletud ehitustoodete tootekategooria põhireegleid. See dokument täiendab standardit EN 15804:2012+A2:2019 ega asenda seda. MÄRKUS See dokument ei hõlma sotsiaalsete ja majanduslike näitajate hindamist toote tasemel. PCR põhiosa: — määratleb deklareeritavad parameetrid ning nende võrdlemise ja aruandluse viisi; — kirjeldab, milliseid toote olelusringi etappe EPD-s käsitletakse ja millised protsessid

kuuluvad olelusringi etappidesse; — määratleb stsenaariumite väljatöötamise reeglid; — sisaldab EPD aluseks oleva elutsükli inventuuri (nt tooraine, energia, emissioonid) ja elutsükli mõju hindamise arvutamise reegleid, sealhulgas kohaldatava andmekvaliteedi täpsustust; — sisaldab toote, ehitusprotsessi(de) ja ehitusteenuse(te) eelnevalt kindlaksmääratud keskkonna- ja terviseteabe esitamise eeskirju, mis ei ole hõlmatud elutsükli hindamisega (Life Cycle Assessment - LCA); — määratleb tingimused, mille alusel saab ehitustooteid võrrelda, tuginedes EPD esitatud teabele. Ehitusteenuse EPD-le kehtivad samad reeglid ja nõuded, mis ehitustoodete EPD-le.

Keel: et
Alusdokumendid: EN 18001:2024

Kommenteerimise lõppkuupäev: 14.05.2025

prEN ISO 3170

Vedelad naftasaadused. Käsitsi proovivõtt

See dokument määratleb meetodid käsitsi proovivõtuks vedelatest või poolvedelatest süsivesinikest, statsionaarsete mahutite mahutijääkidest ja setetest, raudteetsisternidest, autotsisternidest, laevade ja pargaste tankidest ja vaatidest või torujuhtmetes pumbatavatest vedelikest. Seda rakendatakse proovivõtul vedelatest toodetest, sealhulgas toornaftast, vahesaadustest, sünteetilistest süsivesinikest ja biokütustest, mida hoitakse mahutites atmosfäärirõhul või selle lähedasel rõhul või edastatakse vedelana torujuhtmetes kõrgendatud rõhu ja temperatuuri juures. Määratletud proovivõtumetoodika ei ole mõeldud proovivõtuks spetsiifilistest naftasaadustest, mida käsitlevad muud standardid, näiteks isolaatorõlid (IEC 60475), veeldatud naftagaas (ISO 4257), veeldatud maagaas (ISO 8943) ja gaasiline maagaas (ISO 10715). See dokument viitab olemasolevatele proovivõtumeetoditele ja kasutuses olevatele seadmetele. See ei välista uute seadmete kasutamist, eeldusel, et nimetatud varustus võimaldab võtta selle dokumendi nõuetele ja meetoditele vastavaid proove.

Keel: et
Alusdokumendid: ISO/DIS 3170; prEN ISO 3170

Kommenteerimise lõppkuupäev: 14.05.2025

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 228/prNA

Mootorikütused. Pliivaba mootoribensiin. Nõuded ja katsemeetodid. Eesti standardi rahvuslik lisa

Automotive fuels - Unleaded petrol - Requirements and test methods - Estonian National Annex

Eesti standardi rahvuslik lisa Euroopa standardile EN 228

Täiendab rahvuslikult dokumenti: prEN 228
Koostamisettepaneku esitaja: EVS/TK 37 Kütuste ja määrdeainete kvaliteet

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 620-6:2014

Tuleohutus. Tekstiilsed sisustusmaterjalid
Fire safety - Textile furnishing materials

See standard sätestab tekstiilsete sisustusmaterjalide kasutustingimused eri otstarbega ruumides sõltuvalt materjalide põlemisomadustest.

Pikendamisküsitluse lõppkuupäev: 14.05.2025

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 ISO 3274:1999

Toote geomeetriline kirjeldus ja tehnilised andmed (GPS). Pinnatekstuur: profiilimeetod. Kontaktinstrumentide (nõelkombitsate) nominaalkarakteristikud
Geometrical Product Specifications (GPS) - Surface texture: Profile method - Nominal characteristics of contact (stylus) instruments

Käesolev rahvusvaheline standard määrab kindlaks profiilid ja üldstruktuuri pinna kareduse ja lainelisuse mõõtmiseks kontaktinstrumentidega (nõelkombitsaga), võimaldades olemasolevaid rahvusvahelisi standardeid rakendada profiili praktilisel hindamisel. Standard määrab kindlaks profiili hindamist mõjutavad instrumendi omadused ja esitab kontaktinstrumentide (nõelkombitsate) - profilomeeter ja profilomeerik - spetsifikatsiooni põhialused.

Keel: en
Alusdokumendid: ISO 3274:1996; EN ISO 3274:1997
Tühistamisküsitluse lõppkuupäev: 14.05.2025

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-EN 14385:2025

Paiksete saasteallikate heitkogused. As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Tl ja V kogu heite määramine

Stationary source emissions - Determination of the total emission of As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Tl and V

Selles standardis kirjeldatakse manuaalset standardmeetodit paiksete allikate heites leiduvate elementide massikontsentratsiooni määramiseks. Meetodit saab kasutada kõigi loetletud ainete korral kontsentratsioonide vahemikus 0,005 mg/m3 kuni 5 mg/m3. See standard on valideeritud metallide massikontsentratsiooni määramiseks prügipõletusel tekkivates suitsugaasides – kohaldades peatükis 9 sätestatud suutlikkusnäitajaid – järgmiste elementide jaoks: — arseen (As), kaadmium (Cd), kroom (Cr), koobalt (Co), vask (Cu), mangaan (Mn), nikkel (Ni), plii (Pb), antimon (Sb), tallium (Tl) ja vanaadium (V) ning nende ühendid. Dokument on kasutatav ka muude metallide määramiseks (näiteks seleen (Se) (ISO 17211), telluur (Te), berüllium (Be), tina (Sn) ja tsink (Zn)). MÄRKUS 1 Need muud eespool nimetatud metallid on tavaliselt riigisisese regulatsiooni põhjal nõutavad, kuid seda standardit ei ole nende metallide puhul veel valideeritud. Dokumenti valideeriti jäätmepõletusseadmete jaoks, kuid see on kohaldatav ka muudele tööstusprotsessidele, praktilised kogemused näitavad, et seda saab rakendada laias kontsentratsioonivahemikus ja erinevate heiteallikate puhul. Kui määratakse ka elavhõbeda sisaldust, võib proovi võtta proovivõtuahela külgvoolust samal ajal teiste proovide võtmisega peavoolust (EN 13211) [5]. MÄRKUS 2 See dokument on valideeritud kirjeldatud materjalide, seadmete, proovivõtu ja mineraliseerimise suutlikkusega jms ning sellele järgnevate analüüsidega aatomabsorptsioonspektroskoopia (AAS) ja induktiivsidestatud plasma optilise emissioonspektroskoopia (ICP-OES) või induktiivsidestatud massispektromeetria (ICP-MS) abil. See ei välista muud tüüpi seadmete või analüüside kasutamist, mis vastavad nõuetele ja mille puhul on tõendatud vastavus kirjeldatud Euroopa standardile.

EVS-EN 805:2025

Veevarustus. Nõuded hoonevälistele süsteemidele ja komponentidele

Water supply - Requirements for systems and components outside buildings

Dokument määratleb — üldnõuded hoonevälistele veevarustussüsteemidele, sealhulgas joogivee pea- ja tänavatorustikele ja tarnetorudele, varumahutitele ja muudele rajatistele ning toorveetorustikele, kuid mitte puhastusseadmetele ja veehaardele; — üldnõuded komponentidele; — tootestandarditesse lisatavad üldnõuded, mis võivad sisaldada ka rangemaid nõudeid; — üldnõuded paigaldusele, paigalduskohal katsetamisele ja kasutuselevõtule. Dokumendi nõuded kehtivad — uute veevarustussüsteemide projekteerimisel ja ehitamisel; — olemasoleva veevarustussüsteemiga ühtse osa moodustavate oluliste piirkondade laiendamisel; — veevarustussüsteemide omavahelisel ühendamisel; — olemasolevate veevarustussüsteemide olulisel muutmisel ja/või kordategemisel. MÄRKUS Eesmärk ei ole muuta dokumendiga kooskõla saavutamiseks olemasolevaid veevarustussüsteeme, kui puuduvad olulised halvendavad mõjud süsteemi vee kogustele, varustuskindlusele, töökindlusele ja varustuse piisavusele. Dokumendi eesmärk on siiski hõlmata kõiki eespool nimetatud veetaristusüsteeme, sest need on linnade kestliku arengu eesmärkide saavutamisel võtmetähtsusega, ning näidata, et neisse on vaja kiiresti investeerida, pidades silmas selliseid põhiaspekte nagu vastupidavus kliimamuutustele ning kliimamuutuste leevendamine ja nendega kohanemine.

EVS-EN ISO 14119:2025

Masinaohutus. Kaitsepiiretega ühendatud blokeerimisseadised. Kavandamise ja valiku põhimõtted

Safety of machinery - Interlocking devices associated with guards - Principles for design and selection (ISO 14119:2024)

See dokument määrab kindlaks kaitsepiiretega ühendatud blokeerimisseadiste kavandamise ja valiku põhimõtted (mis ei sõltu energiaallika olemusest) ja näeb ette juhised meetmete kohta, et vähendada blokeerimisseadiste mittetoimivaks muutmise võimalust mõistlikult ettenähtaval viisil. See dokument hõlmab kavandamise, valiku ja rakendamise põhimõtteid: — kaitsepiirete osadele, mis aktiveerivad blokeerimisseadiseid; — kinnihoitava võtmega blokeerimisseadistele ja -süsteemidele masinate rakenduste jaoks. MÄRKUS Standard ISO 14120 määrab kindlaks üldnõuded kaitsepiirete, mis on ette nähtud eelkõige inimeste kaitsmiseks mehaaniliste ohtude eest, kavandamisele ja ehitamisele. Blokeerimisseadise signaali töötlemine masina seiskamiseks ja ootamatu käivitumise vältimiseks on hõlmatud standardites ISO 14118, ISO 13849-1 ja IEC 62061.

EVS-EN ISO 22163:2024+A1:2025

Raudteealased rakendused. Raudtee kvaliteedijuhtimissüsteem. ISO 9001:2015 ja raudteesektoris rakendamise erinõuded

Railway applications - Railway quality management system - ISO 9001:2015 and specific requirements for application in the railway sector (ISO 22163:2023 + ISO 22163:2023/Amd 1:2024)

See standard spetsifitseerib nõuded kvaliteedijuhtimissüsteemile juhuks, kui organisatsioon: a) peab näitama oma suutlikkust pakkuda järjekindlalt tooteid ja teenuseid, mis vastavad kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele ning b) püüab suurendada kliendi rahulolu süsteemi mõjusa rakendamise kaudu, sh süsteemi parendamise protsessid ja kliendi ning kohaldatavatele seadusjärgsetele ja normatiivsetele nõuetele vastavuse tagamine. Kõik selle rahvusvahelise standardi nõuded on üldised ja on mõeldud kohaldamiseks mis tahes organisatsioonile, selle tüübist, suurusest või tarnitavatest toodetest

ja teenustest sõltumata. MÄRKUS 1 Selles rahvusvahelises standardis kasutatakse sõnu „toode“ ja „teenus“ ainult kliendile mõeldud või tema nõutud toote ja teenuse tähenduses. MÄRKUS 2 Seadusjärgsed ja normatiivsed nõuded võivad olla esitatud õigusaktide nõuetena. Selles dokumendis sätestatakse nõuded raudtee kvaliteedijuhtimissüsteemile (RKJS), mis — on kohaldatavad kogu raudteesektori tarneahelas, mis on seotud tööstustoodete ja -teenustega, — tagavad järjepideva parendamise, rõhutades defektide ennetamist ja defektide vähendamist tarneahelas ning — edendavad ja säilitavad toote kvaliteeti, sealhulgas selle ohutusaspekte.

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.

Määrus 2017/745 Meditsiiniseadmed

Komisjoni rakendusotsus 2025/681 (EL Teataja 2025/L 09.04.2025)

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 1865-2:2024 Kiirabiautodes kasutatavad patsiendi transpordi abivahendid. Osa 2: Jõudetoega kanderaam	09.04.2025		
EVS-EN 1865-6:2024 Kiirabiautodes kasutatavad patsiendi transpordi abivahendid. Osa 6: Ajamiga ratastoolid	09.04.2025		
EVS-EN 455-1:2020+A2:2024 Ühekordselt kasutatavad meditsiinilised kindad. Osa 1: Nõuded aukude puudumisele ja selle katsetamine	09.04.2025		
EVS-EN 455-2:2024 Ühekordselt kasutatavad meditsiinilised kindad. Osa 2: Nõuded füüsikalistele omadustele ja katsetamine	09.04.2025		
EVS-EN 556-1:2024 Meditsiiniseadmete steriliseerimine. Nõuded meditsiiniseadmetele, mis peavad kandma märgistust "STERIILNE". Osa 1: Nõuded lõplikult steriliseeritud meditsiiniseadmetele	09.04.2025		
EVS-EN 556-2:2024 Meditsiiniseadmete steriliseerimine. Nõuded meditsiiniseadmetele, mis peavad kandma märgistust "STERIILNE". Osa 2: Nõuded aseptiliselt töödeldud meditsiiniseadmetele	09.04.2025		

Määrus 2017/746 In vitro diagnostikameditsiiniseadmed

Komisjoni rakendusotsus 2025/679 (EL Teataja 2025/L 10.04.2025)

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 556-1:2024 Meditsiiniseadmete steriliseerimine. Nõuded meditsiiniseadmetele, mis peavad kandma märgistust "STERIILNE". Osa 1: Nõuded lõplikult steriliseeritud meditsiiniseadmetele	10.04.2025		

EVS-EN 556-2:2024 Meditsiiniseadmete steriliseerimine. Nõuded meditsiiniseadmetele, mis peavad kandma märgistust "STERIILNE". Osa 2: Nõuded aseptiliselt töödeldud meditsiiniseadmetele	10.04.2025