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Uued Eesti standardid

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01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 8044:2025

Corrosion of metals and alloys - Vocabulary (ISO 8044:2024)

This document defines terms relating to corrosion that are widely used in modern science and technology. In addition, some definitions are supplemented with short explanations. Throughout the document, International Union of Pure and Applied Chemistry rules for electrode potential signs are applied. The term “metal” is also used to include alloys and other metallic materials. Terms and definitions related to the inorganic surface treatment of metals are given in ISO 2080.

Keel: en
Alusdokumendid: ISO 8044:2024; EN ISO 8044:2025
Asendab dokumenti: EVS-EN ISO 8044:2020

EVS-ISO 59004:2025

Ringmajandus. Mõisted, põhimõtted ja rakendused
Circular economy — Vocabulary, principles and guidance for implementation (ISO 59004:2024, identical)

Dokument määratleb võtmemõisted, kujundab ringmajanduse visiooni ja põhimõtted ning annab suunised nende rakendamiseks vajalike tegevuste osas. Dokument on kasutatav kõigis organisatsioonides, mis püüavad mõista ja rakendada ringmajandust või panustada ringmajandusse läbi kestliku arengu. Need võivad olla avalikud organisatsioonid, eraõiguslikud juriidilised isikud või ühendused, olenemata liigist või suurusest ning paikneda väärtusahela või võrgustiku igas lülis.

Keel: en
Alusdokumendid: ISO 59004:2024

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

EVS-EN ISO 22163:2024/A1:2025

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

Amendment to EN ISO 22163:2024

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

EVS-ISO 59004:2025

Ringmajandus. Mõisted, põhimõtted ja rakendused
Circular economy — Vocabulary, principles and guidance for implementation (ISO 59004:2024, identical)

Dokument määratleb võtmemõisted, kujundab ringmajanduse visiooni ja põhimõtted ning annab suunised nende rakendamiseks vajalike tegevuste osas. Dokument on kasutatav kõigis organisatsioonides, mis püüavad mõista ja rakendada ringmajandust või panustada ringmajandusse läbi kestliku arengu. Need võivad olla avalikud organisatsioonid, eraõiguslikud juriidilised isikud või ühendused, olenemata liigist või suurusest ning paikneda väärtusahela või võrgustiku igas lülis.

Keel: en
Alusdokumendid: ISO 59004:2024

EVS-ISO 59020:2025

Ringmajandus. Ringsuse tulemuslikkuse mõõtmine ja hindamine
Circular economy — Measuring and assessing circularity performance (ISO 59020:2024, identical)

Dokument täpsustab nõuded ning annab organisatsioonile juhised oma majandussüsteemi ringsuse määratlemiseks ja mõõtmiseks kindlal ajahetkel. Mõõtmine ja hindamine toimub andmete kogumise ning arvutuste tegemise teel, kasutades kohustuslikke ning vabatahtlikke ringsuse mõõtmise indikaatoreid. Dokument annab raamistiku kasutamiseks kõigis organisatsioonides, olenemata nende tegevusalast ja liigist, samuti süsteemi piiride määratlemise ja indikaatorite valiku juhised ning andmetöötluse ja andmete tõlgendamise juhised selleks, et tagada mõõtmiste järjepidevus, taasesitatavus ning sisulised ja kontrollitavad mõõtmistulemused. Raamistik on kasutatav majandussüsteemi erinevatel tasemetel, nii regionaalsel, organisatsiooni kui organisatsioonide vahelisel tasemel, kui ka toote tasemel. Organisatsiooni ringsuse eesmärgi saavutamiseks vajalike tegevuste sotsiaalsete, majanduslike ja keskkonnamõjude hindamiseks pakub dokument täiendavad meetodid, mida saab kasutada lisaks sellele dokumendile.

Keel: en
Alusdokumendid: ISO 59020:2024

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN ISO 6887-1:2017/A1:2025

Toiduahela mikrobioloogia. Katseproovide, algsuspensiooni ja kümnendlahjenduste ettevalmistamine mikrobioloogiliseks uuringuks. Osa 1: Üldeeskirjad algsuspensiooni ja kümnendlahjenduste valmistamiseks. Muudatus 1: Nõuded ja juhised suurema katsekoguse kasutamisel kvalitatiivsete meetodite puhul
Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 1: General rules for the preparation of the initial suspension and decimal dilutions - Amendment 1: Requirements and guidance on the use of larger test portion size for qualitative method (ISO 6887-1:2017/Amd 1:2024)

Standardi EVS-EN ISO 6887-1:2017 muudatus

Keel: en, et
Alusdokumendid: ISO 6887-1:2017/Amd 1:2024; EN ISO 6887-1:2017/A1:2024
Muudab dokumenti: EVS-EN ISO 6887-1:2017

EVS-EN ISO 6887-1:2017+A1:2025

Toiduahela mikrobioloogia. Katseproovide, algsuspensiooni ja kümnendlahjenduste ettevalmistamine mikrobioloogiliseks uuringuks. Osa 1: Üldeeskirjad algsuspensiooni ja kümnendlahjenduste valmistamiseks
Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 1: General rules for the preparation of the initial suspension and decimal dilutions (ISO 6887-1:2017 + ISO 6887-1:2017/Amd 1:2024)

Selles standardis määratletakse inimtoiduks ja loomasöödaks mõeldud toodete mikrobioloogiliseks uuringuks algsuspensiooni ja lahjenduste aeroobse ettevalmistamise üldeeskirjad. See standard on üldkohaldatav ja muid osi kohaldatakse vastavalt eessõnale konkreetsete tootegruppide suhtes. Mõnda aspekti võidakse kohaldada ka molekulaarsetele meetoditele, mille puhul maatrikseid saab seostada polümeraasi ahelreaktsiooni (PCR) etappide inhibeerimisega, ning seega mõjutavad need katsetulemust. Selles standardis ei käsitleta proovide ettevalmistamist loendamise ja tuvastamise katsemeetodite jaoks, mille puhul valmistamisjuhiseid on kirjeldatud üksikasjalikult rahvusvahelistes eristandardites.

Keel: en, et
Alusdokumendid: ISO 6887-1:2017; EN ISO 6887-1:2017; ISO 6887-1:2017/Amd 1:2024; EN ISO 6887-1:2017/A1:2024
Konsolideerib dokumenti: EVS-EN ISO 6887-1:2017
Konsolideerib dokumenti: EVS-EN ISO 6887-1:2017/A1:2025

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 1366-3:2022+A1:2025

Tehnoseadmete tulepüsivuse katsed. Osa 3: Läbiviigutihendid
Fire resistance tests for service installations - Part 3: Penetration seals

Standardisarja EN 1366 see osa määratleb katsemeetodi ja hindamiskriteeriumid (kaasa arvatud katsetulemuste otsese kasutusulatuse), mille põhjal hinnatakse läbiviigutihendi võimet säilitada tulepüsivus läbiviigu asukoha mõjualas, kus tehnoseade või -seadmed läbivad tuletõkketarindit. Standardisarja EN 1366 sellest osast on välja arvatud läbiviigutihendid, mida kasutatakse kamina ümbruse, ventilatsioonisüsteemide, tulepüsivusele hinnatud ventilatsioonikanalite, tulepüsivusele hinnatud tehnoloogiliste kanalite, šahtide ja suitsueemalduskanalite pilude tihendamiseks, ning ühildatud läbiviigutihendid. MÄRKUS EN 15882-5 [6] käsitleb läbiviigutihendeid, sealhulgas kanaleid ja tuletõkesteid. Tugitarindina tähistatakse EN 1366 selles osas tuletõkketarindeid, nagu seinad ja vahelaed. Need simuleerivad vastastikust toimet katseobjekti ja tuletõkketarindi vahel, millesse tihendussüsteem tuleb praktikas paigaldada. See EN 1366 osa on ette nähtud kasutamiseks koos standardiga EN 1363-1. Selles EN 1366 osas toodud katse kirjelduse eesmärgiks on hinnata läbiviigutihendi, läbiviiguks oleva tehnosüsteemi või tehnosüsteemide ning läbiviigutihendit ümbritseva tugitarindi terviklikkust ja isolatsioonivõimet. Katse ei saa anda infot mõju kohta tuletõkketarindi kandevõimele läbiviikude ja läbiviigutihendite lisamise korral. Eeldatakse, et läbiviigutihendi kohal asetseva silluse kandevõime on igakordselt projekteeritud külma ja kuuma tingimustes töötama selliselt, et ta ei kanna läbiviigutihendile täiendavat vertikaalset koormust. Katse eesmärgiks ei ole hinnata kvantitatiivselt suitsu ja/või kuumade gaaside lekkimise taset või suitsu ülekannet või teket. Sellised nähtused on katseprotokollis ära märgitud ainult tähelepanekutena, kirjeldades katseobjekti käitumist katse kestel. Sarja EN 1366 selle osa kohased katsed ei ole mõeldud andma informatsiooni läbiviigutihendi võimest pidada vastu tehnoseadme enda põhjustatud koormustele või liikumisele. Põleva materjali pudenemise tõttu põhjustatud tuleleviku oht allasuunas, näiteks läbi toru alumise korruse põrandale pudenemine, on hetkel dokumendist välja jäetud. EN 1366 selle osa kohased katsed ei hõlma riske, mis tekivad tulekahju tõttu purunenud torustikest ohtlike vedelike või gaaside leketega. EN 1366 selle osa kohased katsed pneumaatiliste edastussüsteemide ja survestatud õhuga torustike jms läbiviigutihenditele simuleerivad olukorda, kus tehnosüsteemid on tulekahju ajal väljalülitatud olekus. Selgitavad märkused katsemeetodile on esitatud lisas H. Kõik siin dokumendis ilma vahemikuta esitatud väärtused on nominaalsed, kui pole täpsustatud teisiti. Kõik esitatud torude läbimõõdud on välisläbimõõdud, kui pole täpsustatud teisiti.

Keel: en, et
Alusdokumendid: EN 1366-3:2021+A1:2024
Asendab dokumenti: EVS-EN 1366-3:2022

EVS-ISO 59004:2025

Ringmajandus. Mõisted, põhimõtted ja rakendused
Circular economy — Vocabulary, principles and guidance for implementation (ISO 59004:2024, identical)

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Keel: en
Alusdokumendid: ISO 59004:2024

EVS-ISO 59020:2025

Ringmajandus. Ringsuse tulemuslikkuse mõõtmine ja hindamine
Circular economy — Measuring and assessing circularity performance (ISO 59020:2024, identical)

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Keel: en
Alusdokumendid: ISO 59020:2024

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN IEC 61557-1:2021/A1:2025

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 1: Üldnõuded
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 1: General requirements

Amendment to EN IEC 61557-1:2021

Keel: en
Alusdokumendid: IEC 61557-1:2019/AMD1:2024; EN IEC 61557-1:2021/A1:2024
Muudab dokumenti: EVS-EN IEC 61557-1:2021

EVS-EN IEC 61557-1:2021+A1:2025

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 1: Üldnõuded
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 1: General requirements (IEC 61557-1:2019 + IEC 61557-1:2019/AMD1:2024)

This part of IEC 61557 specifies the general requirements applicable to measuring and monitoring equipment for testing the electrical safety in low-voltage distribution systems with nominal voltages up to 1 000 V AC and 1 500 V DC. When measuring equipment or measuring installations involve measurement tasks of various measuring equipment covered by this series of standards, then the part of this series relevant to each of the measurement tasks is applicable. NOTE The term "measuring equipment" will hereafter be used to designate "testing, measuring and monitoring equipment". Other parts of IEC 61557 can specify additional requirements or deviations. This document does not cover functional safety or cybersecurity.

Keel: en
Alusdokumendid: IEC 61557-1:2019; EN IEC 61557-1:2021; IEC 61557-1:2019/AMD1:2024; EN IEC 61557-1:2021/A1:2024
Konsolideerib dokumenti: EVS-EN IEC 61557-1:2021
Konsolideerib dokumenti: EVS-EN IEC 61557-1:2021/A1:2025

EVS-EN IEC 61557-10:2025

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 10: Combined measuring equipment for testing, measuring and monitoring of protective measures

This part of IEC 61557 specifies the requirements for measuring equipment that combines several measuring functions or methods of testing, measuring or monitoring, that are in accordance with the respective parts of IEC 61557, into one piece of apparatus. Measuring equipment which combines measuring functions or methods of testing, measuring or monitoring covered by the

respective parts of IEC 61557 with those not covered by the respective parts of IEC 61557 is also within the scope of this document.

Keel: en
Alusdokumendid: IEC 61557-10:2024; EN IEC 61557-10:2024
Asendab dokumenti: EVS-EN 61557-10:2013

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 10216-2:2025

Surveotstarbelised õmblusteta terastorud. Tehnilised tarnetingimused. Osa 2: Süsinik- ja legeerterasest torud, millel on kindlaksmääratud omadused kõrgendatud temperatuuril
Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties

See dokument määratleb süsinikterasest ja legeeritud terasest valmistatud ümmarguse ristlõikega õmblusteta torude tehnilised tarnetingimused kahes katsekategoorias. Standardi EN 10216 seda osa rakendatakse ka mitteümmarguse ristlõikega torudele, vajalikud muudatused lepitakse kokku päringu ja tellimuse ajal.

Keel: en, et
Alusdokumendid: EN 10216-2:2024
Asendab dokumenti: EVS-EN 10216-2:2013+A1:2019

EVS-EN 16304:2022+A1:2025

Automaatsed läbipuhkeklapid gaasipõletitele ja gaasiseadmetele
Automatic vent valves for gas burners and gas burning appliances

EN 13611:2019, Clause 1 applies with the following modification and addition: Modification: The 1st paragraph of EN 13611:2019, Clause 1 is replaced by: This document specifies the safety, design, construction, and performance requirements and testing for automatic vent valves for burners and appliances burning one or more gaseous fuels, hereafter referred to as “valves”. This document is applicable to valves with declared maximum inlet pressures up to and including 500 kPa and of nominal connection sizes up to and including DN 100. Addition: This document is applicable to: — electrically actuated valves; — valves actuated by fluids where the control valves for these fluids are actuated electrically, but not to any external electrical devices for switching the control signal or actuating energy; — valves fitted with open position indicator switches. The 4th paragraph of EN 13611:2019, Clause 1 is removed.

Keel: en
Alusdokumendid: EN 16304:2022+A1:2024
Asendab dokumenti: EVS-EN 16304:2022

EVS-EN 16631:2025

LPG equipment and accessories - Pressure relief valves for LPG pressure vessels - Reconditioning requirements

This document specifies the requirements for the reconditioning and retesting of pressure relief valves (PRVs) for LPG pressure vessels covered under the scope of EN 14129. This document applies to retesting and reconditioning of PRVs that are carried out in a workshop and does not apply to site adjustment of installed PRVs. Annex A is a normative annex detailing a sampling approach for PRV requalification which could be used in case of on-site requalification of series produced pressure vessels fitted with series produced PRVs.

Keel: en
Alusdokumendid: EN 16631:2025
Asendab dokumenti: EVS-EN 16631:2015

EVS-EN 88-2:2022+A1:2025

Gaasipõletite ja gaasiseadmete ohutus- ja juhtseadmed. Osa 2: Rõhuregulaatorid sisendrõhule 50 kPa kuni 500 kPa (k.a)
Safety and control devices for gas burners and gas burning appliances - Part 2: Pressure regulators for inlet pressures above 50 kPa up to and including 500 kPa

EN 13611:2019, Clause 1 applies with the following modification and addition: Modification: The 1st paragraph of EN 13611:2019, Clause 1 is replaced by: This document specifies the safety, design, construction, and performance requirements and testing for pneumatic pressure regulators and safety devices for burners and appliances burning one or more gaseous fuels, hereafter referred to as “pressure regulators”. This document is applicable to pressure regulators with declared maximum inlet pressures above 50 kPa up to and including 500 kPa and of nominal connection sizes up to and including DN 250. Addition: This document is applicable to: — pressure regulators incorporating safety devices; — pressure regulators and safety devices which use auxiliary energy; — stand-alone pressure regulators or pressure regulators equipped with a control device for maximum or minimum gas pressure. This document is not applicable to: — pressure regulators connected directly to a gas distribution network or to a container that maintains a standard distribution pressure; — pressure regulators intended for gas appliances to be installed in the open air and exposed to the environment. The 4th paragraph of EN 13611:2019, Clause 1 is removed.

Keel: en
Alusdokumendid: EN 88-2:2022+A1:2024
Asendab dokumenti: EVS-EN 88-2:2022

EVS-EN 88-3:2022+A1:2025

Gaasipõletite ja gaasiseadmete ohutus- ja juhtseadmed. Osa 3: Rõhu- ja /või vooluhulga regulaatorid sisendrõhule kuni 500 kPa (k.a), elektroonilised tüübid
Safety and control devices for gas burners and gas burning appliances - Part 3: Pressure and/or flow rate regulators for inlet pressures up to and including 500 kPa, electronic types

EN 13611:2019, Clause 1 applies with the following modification and addition: Modification: The 1st paragraph of EN 13611:2019, Clause 1 is replaced by: This document specifies the safety, design, construction, and performance requirements and testing for electronic pressure and/or flow rate regulators for burners and appliances burning one or more gaseous fuels, hereafter referred to as “regulators”. This document is applicable to regulators with declared maximum inlet pressures up to and including 500 kPa and of nominal connection sizes up to and including DN 250. Addition: This document is applicable to: — regulators which use auxiliary energy; — regulators, which function by controlling a gas outlet pressure or a gas flow rate; — regulators with a modular structure specified as a unit; — regulators intended for gas appliances to be installed indoor or in the open air and exposed to the environment. This document is not applicable to: — regulators connected directly to a gas distribution network or to a container that maintains a standard distribution pressure. The 4th paragraph of EN 13611:2019, Clause 1 is removed.

Keel: en
Alusdokumendid: EN 88-3:2022+A1:2024
Asendab dokumenti: EVS-EN 88-3:2022

EVS-EN ISO 7866:2012/A2:2025

Gas cylinders - Refillable seamless aluminium alloy gas cylinders - Design, construction and testing - Amendment 2 (ISO 7866:2012/Amd 2:2024)

Amendment to EN ISO 7866:2012

Keel: en
Alusdokumendid: ISO 7866:2012/Amd 2:2024; EN ISO 7866:2012/A2:2025
Muudab dokumenti: EVS-EN ISO 7866:2012

EVS-EN ISO 7866:2012+A1+A2:2025

Gas cylinders - Refillable seamless aluminium alloy gas cylinders - Design, construction and testing (ISO 7866:2012 + ISO 7866:2012/Amd 1:2020 + ISO 7866:2012/Amd 2:2024)

This International Standard specifies minimum requirements for the material, design, construction and workmanship, manufacturing processes and tests at time of manufacture of refillable seamless aluminium alloy gas cylinders of water capacities up to and including 150 litres for compressed, liquefied and dissolved gases for worldwide use (normally up to +65 °C).

Keel: en
Alusdokumendid: ISO 7866:2012; EN ISO 7866:2012; ISO 7866:2012/Cor 1:2014; EN ISO 7866:2012/AC:2014; ISO 7866:2012/Amd 1:2020; EN ISO 7866:2012/A1:2020; ISO 7866:2012/Amd 2:2024; EN ISO 7866:2012/A2:2025
Konsolideerib dokumenti: EVS-EN ISO 7866:2012
Konsolideerib dokumenti: EVS-EN ISO 7866:2012/A1:2020
Konsolideerib dokumenti: EVS-EN ISO 7866:2012/A2:2025
Konsolideerib dokumenti: EVS-EN ISO 7866:2012/AC:2014

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 125:2022+A1:2025

Seadised gaasipõletusseadmete leegi kontrollimiseks. Termoelektrilised leegikontrolliseadised
Flame supervision devices for gas burning appliances - Thermoelectric flame supervision devices

EN 13611:2019, Clause 1 applies with the following modification and addition: Modification: The 1st paragraph of EN 13611:2019, Clause 1 is replaced by: This document specifies the safety, design, construction, and performance requirements and testing for thermoelectric flame supervision devices, energized by a thermocouple intended for use with burners and appliances burning one or more gaseous fuels, hereafter referred to as “controls”. This document is applicable to controls with declared maximum inlet pressures up to and including 500 kPa and of nominal connection sizes up to and including DN 50. Addition: This document is not applicable to: — the thermocouple; — controls which use auxiliary energy (e.g. electrical energy supplied externally). The 4th paragraph of EN 13611:2019, Clause 1 is removed.

Keel: en
Alusdokumendid: EN 125:2022+A1:2024
Asendab dokumenti: EVS-EN 125:2022

EVS-EN IEC 61400-24:2019+A1:2024

Wind energy generation systems - Part 24: Lightning protection (IEC 61400-24:2019 + IEC 61400-24:2019/AMD1:2024)

This part of IEC 61400 applies to lightning protection of wind turbine generators and wind power systems. Refer to Annex M guidelines for small wind turbines. This document defines the lightning environment for wind turbines and risk assessment for wind turbines in that environment. It defines requirements for protection of blades, other structural components and electrical and control systems against both direct and indirect effects of lightning. Test methods to validate compliance are included. Guidance on the use of applicable lightning protection, industrial electrical and EMC standards including earthing is provided. Guidance

regarding personal safety is provided. Guidelines for damage statistics and reporting are provided. Normative references are made to generic standards for lightning protection, low-voltage systems and high-voltage systems for machinery and installations and electromagnetic compatibility (EMC).

Keel: en
Alusdokumendid: IEC 61400-24:2019; EN IEC 61400-24:2019; IEC 61400-24:2019/AMD1:2024; EN IEC 61400-24:2019/A1:2024
Konsolideerib dokumenti: EVS-EN IEC 61400-24:2019
Konsolideerib dokumenti: EVS-EN IEC 61400-24:2019/A1:2024

29 ELEKTROTEHNIKA

EVS-EN IEC 60598-1:2024+A11:2024

Valgustid. Osa 1: Üldnõuded
Luminaires - Part 1: General requirements and tests (IEC 60598-1:2024)

This part of IEC 60598 specifies general safety requirements for luminaires, incorporating electric light sources for operation from supply voltages up to 1 000 V. Requirements for semi-luminaires are included in this document. For explosion proof luminaires, as covered by the IEC 60079 series, the requirements of the IEC 60598 series (selecting the appropriate parts of the IEC 60598-2 series) are applied in addition to the requirements of the IEC 60079 series. In the event of any conflict between the IEC 60598 series and the IEC 60079 series, the requirements of the IEC 60079 series take priority. This document does not cover performance. Performance of luminaires is covered by the IEC 62722 series.

Keel: en
Alusdokumendid: IEC 60598-1:2024; EN IEC 60598-1:2024; EN IEC 60598-1:2024/A11:2024
Konsolideerib dokumenti: EVS-EN IEC 60598-1:2024
Konsolideerib dokumenti: EVS-EN IEC 60598-1:2024/A11:2024

EVS-EN IEC 60947-4-2:2023+A1:2024

Madalpingelised lülitusaparaadid. Osa 4-2: Kontaktorid ja mootorikäivitid. Pooljuht-mootorikontrollerid, -käivitid ja -sujuvkäivitid
Low-voltage switchgear and controlgear - Part 4-2: Contactors and motor-starters - Semiconductor motor controllers, starters and soft-starters (IEC 60947-4-2:2020 + IEC 60947-4-2:2020/AMD1:2024)

This part of IEC 60947 applies to semiconductor motor controllers, starters and soft-starters which can include a series mechanical switching device, intended to be connected to circuits the rated voltage of which does not exceed 1 000 V AC. This document characterizes semiconductor motor controllers and starters with and without bypass means. This document does not apply to: – semiconductor motor controllers and starters used for continuous operation of AC motors at motor speeds other than the normal speed; – electromechanical contactors and external overload relays (see IEC 60947-4-1); – short-circuit protective device associated with semiconductor motor controllers and starters (see IEC 60947-4-1 (MPSD), IEC 60947-2 and IEC 60947-3); – semiconductor equipment, including semiconductor contactors (3.4.13 of IEC 60947-1:2020) controlling non-motor loads (see IEC 60947-4-3); – semiconductor motor controllers and starters used for rotor circuits; – adjustable speed electrical power drive systems (see IEC 61800 series); – use of the product within explosive atmospheres (see IEC 60079 series); – software and firmware requirements; NOTE 1 Guidance on embedded software is given in IEC TR 63201. – cyber security aspects (see IEC TS 63208). Contactors, overload relays and control circuit devices used in semiconductor motor controllers and starters are considered compliant with the requirements of their relevant product standard. Where mechanical switching devices are used, they are considered meeting the requirements of their own IEC product standard, and the additional requirements of this document. The object of this document is to state as follows: – the characteristics of semiconductor motor controllers, starters and soft-starters and associated equipment; – the conditions with which semiconductor motor controllers, starters and soft-starters comply with reference to a) their operation and behaviour in normal and abnormal operating conditions including overcurrent operating conditions; b) their dielectric properties; c) the degrees of protection provided by their enclosures where applicable; d) their construction including safety measures against electric shock, fire hazard and mechanical hazard; – the tests intended for confirming that these conditions have been met, and the methods to be adopted for these tests; – the information to be given with the equipment, or in the manufacturer's literature. NOTE 2 For the purpose of this document, the term "controller" is used instead of "semiconductor motor controller".

Keel: en
Alusdokumendid: IEC 60947-4-2:2020; EN IEC 60947-4-2:2023; IEC 60947-4-2:2020/AMD1:2024; EN IEC 60947-4-2:2023/A1:2024
Konsolideerib dokumenti: EVS-EN IEC 60947-4-2:2023
Konsolideerib dokumenti: EVS-EN IEC 60947-4-2:2023/A1:2024

EVS-EN IEC 61557-1:2021/A1:2025

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 1: Üldnõuded
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 1: General requirements

Amendment to EN IEC 61557-1:2021

Keel: en
Alusdokumendid: IEC 61557-1:2019/AMD1:2024; EN IEC 61557-1:2021/A1:2024

Muudab dokumenti: EVS-EN IEC 61557-1:2021

EVS-EN IEC 61557-1:2021+A1:2025

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 1: Üldnõuded
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 1: General requirements (IEC 61557-1:2019 + IEC 61557-1:2019/AMD1:2024)

This part of IEC 61557 specifies the general requirements applicable to measuring and monitoring equipment for testing the electrical safety in low-voltage distribution systems with nominal voltages up to 1 000 V AC and 1 500 V DC. When measuring equipment or measuring installations involve measurement tasks of various measuring equipment covered by this series of standards, then the part of this series relevant to each of the measurement tasks is applicable. NOTE The term "measuring equipment" will hereafter be used to designate "testing, measuring and monitoring equipment". Other parts of IEC 61557 can specify additional requirements or deviations. This document does not cover functional safety or cybersecurity.

Keel: en
Alusdokumendid: IEC 61557-1:2019; EN IEC 61557-1:2021; IEC 61557-1:2019/AMD1:2024; EN IEC 61557-1:2021/A1:2024
Konsolideerib dokumenti: EVS-EN IEC 61557-1:2021
Konsolideerib dokumenti: EVS-EN IEC 61557-1:2021/A1:2025

EVS-EN IEC 61557-10:2025

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 10: Combined measuring equipment for testing, measuring and monitoring of protective measures

This part of IEC 61557 specifies the requirements for measuring equipment that combines several measuring functions or methods of testing, measuring or monitoring, that are in accordance with the respective parts of IEC 61557, into one piece of apparatus. Measuring equipment which combines measuring functions or methods of testing, measuring or monitoring covered by the respective parts of IEC 61557 with those not covered by the respective parts of IEC 61557 is also within the scope of this document.

Keel: en
Alusdokumendid: IEC 61557-10:2024; EN IEC 61557-10:2024
Asendab dokumenti: EVS-EN 61557-10:2013

EVS-HD 60269-2:2013+A1+A2:2024

Madalpingelised sulavkaitsmed. Osa 2: Lisanõuded volitatud isikute poolt (peamiselt tööstusrakendustes) kasutatavatele sulavkaitsmetele. Kaitsmete standardsüsteemide A kuni K näited
Low-voltage fuses - Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) - Examples of standardized systems of fuses A to K (IEC 60269-2:2013, modified + IEC 60269-2:2013/A1:2016 + IEC 60269-2:2013/AMD2:2024)

Fuses for use by authorized persons are generally designed to be used in installations where the fuse-links are accessible to, and may be replaced by, authorized persons only. Fuses for use by authorized persons according to the following fuse systems also comply with the requirements of the corresponding subclauses of IEC 60269-1, unless otherwise defined in this standard. This standard is divided into fuse systems, each dealing with a specific example of standardized fuses for use by authorized persons: Fuse system A: Fuses with fuse-links with blade contacts (NH fuse system) Fuse system B: Fuses with striker fuse-links with blade contacts (NH fuse system) Fuse system C: Fuse-rails (NH fuse system) Fuse system D: Fuse-bases for busbar mounting (NH fuse system) Fuse system E: Fuses with fuse-links for bolted connections (BS bolted fuse system) Fuse system F: Fuses with fuse-links having cylindrical contact caps (NF cylindrical fuse system) Fuse system G: Fuses with fuse-links with offset blade contacts (BS clip-in fuse system) Fuse system H: Fuses with fuse-links having "gD" and "gN" characteristic (class J class L and class T time delay and non time delay fuse types) Fuse system I: gU fuse-links with wedge tightening contacts Fuse system J: Fuses with fuse-links having "gD class CC" and "gN class CC" characteristics (class CC time delay and non-time delay fuse types) Fuse system K: gK fuse-links with blade for bolted connections – High fuse-link ratings from 1 250 A up to 4 800 A (master fuse-links) The following fuse systems are standardized systems in respect to their safety aspects. The National Committees shall select at least one complete fuse system of this European Standard for their national standards. The time current characteristics "gD" and "gN" are only relevant for the fuse system H.

Keel: en
Alusdokumendid: IEC 60269-2:2013; HD 60269-2:2013; IEC 60269-2:2013/AMD1:2016; HD 60269-2:2013/A1:2022; IEC 60269-2:2013/AMD2:2024; HD 60269-2:2013/A2:2024
Konsolideerib dokumenti: EVS-HD 60269-2:2013
Konsolideerib dokumenti: EVS-HD 60269-2:2013/A1:2022
Konsolideerib dokumenti: EVS-HD 60269-2:2013/A2:2024

31 ELEKTROONIKA

EVS-EN IEC 61076-2-101:2025

Connectors for electrical and electronic equipment - Product requirements - Part 2-101: Circular connectors - Detail specification for M12 connectors with screw-locking

IEC 61076-2-101:2024 describes M12 screw-locking circular connectors with 2-way up to 17-way, for data transmission with frequencies up to 100 MHz and signal and power transmission at up to 250 V rated voltage and up to 4 A rated current per contact. These connectors consist of fixed and free connectors, either rewirable or non-rewirable. Male connectors have round contacts, Ø 0,6 mm, Ø 0,76 mm, Ø 0,8 mm or Ø 1,0 mm according to number of ways and coding, all contacts with the same size. The different codings prevent the mating of differently coded male and female connectors. This fourth edition cancels and replaces the third edition published in 2012. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) Technical specifications regarding dimensional information (Clause 5) and characteristics (Clause 6) have been updated, and new subclauses have been added. b) New style NF (free connectors) has been added. c) Fixed connectors with glass to metal seals (former styles WM, XM, YM, ZM and WF, XF, TF and ZF) are no longer covered by this document: relevant definitions and requirements have been removed. d) The P-coding has been eliminated. e) Annex B (informative) Steel conduit thread, sizes has been deleted and a new Annex B (informative) Orientation of cable outlet in relation to coding has been added. f) The dimension specification of former styles AM and BM have been moved into a new Annex C (normative).

Keel: en
Alusdokumendid: IEC 61076-2-101:2024; EN IEC 61076-2-101:2025
Asendab dokumenti: EVS-EN 61076-2-101:2012

33 SIDETEHNIKA

EVS-EN 300 487 V2.2.1:2025

Satelliitside maajaamad ja süsteemid (SES); Ainult andmeside vastuvõtmist võimaldavad liikuvad maajaamad (ROMES) raadiosagedusalas 1,5 GHz; Raadiospektrile juurdepääsu harmoneeritud standard
Satellite Earth Stations and Systems (SES); Receive-Only Mobile Earth Stations (ROMES) providing data communications operating in the 1,5 GHz frequency band; Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurement for Receive-Only Mobile Earth Stations (ROMES) radio equipment operating under the Land Mobile Satellite Service (LMSS), in the frequency band 1 518 MHz to 1 559 MHz (space-to-earth band). The ROMESs operate as part of a satellite system providing one-way data communications. ROMESs could have several configurations, including: • either Portable Equipment (PE) or Vehicle Installed Equipment (VIE); • a number of modules including a display/control interface to the user. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU [i.2] is given in annex A.

Keel: en
Alusdokumendid: ETSI EN 300 487 V2.2.1

EVS-EN 303 978 V2.2.1:2025

Satelliitside maajaamad ja süsteemid (SES); Mobiilsel platvormil satelliitside maajaamad (ESOMP), mis töötavad geostatsionaarorbiidil satelliitidega raadiosagedusalades 27,5 GHz kuni 30 GHz ja 17,3 GHz kuni 20,2 GHz; Raadiospektrile juurdepääsu harmoneeritud standard; Satellite Earth Stations and Systems (SES); Earth Stations on Mobile Platforms (ESOMP) communicating with satellites in geostationary orbit, operating in the 27,5 GHz to 30,0 GHz and 17,3 GHz to 20,2 GHz frequency bands; Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for Earth Stations on Mobile Platforms (ESOMP) equipment with the following characteristics: • The ESOMP is designed for both mobile and stationary operation. • The ESOMP operates on various mobile platforms such as trains, maritime vessels, aircraft and other vehicles. • The ESOMP is controlled and monitored by a Network Control Facility (NCF). This function may be performed centrally (e.g. for a network of ESOMPs with a central hub) or it could be performed within the ESOMP for autonomous control. The NCF is outside the scope of the present document. • The ESOMP transmit and receive frequencies are shown in table 1. Table 1: Frequency bands Frequency Bands/frequencies (GHz) Transmit (Earth-to-space) 27,50 to 30,00 Receive (space-to-Earth) 17,30 to 20,20 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 303 978 V2.2.1

EVS-EN 62148-2:2011/A1:2025

Fibre optic active components and devices - Package and interface standards - Part 2: SFF 10-pin transceivers

Amendment to EN 62148-2:2011

Keel: en
Alusdokumendid: IEC 62148-2:2010/AMD1:2024; EN 62148-2:2011/A1:2025

Muudab dokumenti: EVS-EN 62148-2:2011

EVS-EN IEC 61000-4-41:2025

Electromagnetic compatibility (EMC) - Part 4-41: Testing and measurement techniques - Broadband radiated immunity tests

IEC 61000-4-41:2024 relates to broadband radiated disturbances generated by, for example, communication devices or services, transmitters or industrial electromagnetic sources or any other devices capable of generating such a signal. The object of this document is to establish a common reference for evaluating the immunity of electrical and electronic equipment when subjected to broadband radiated electromagnetic fields. This document specifies testing in the frequency ranges above 80 MHz, limited only by the capabilities of commercially available test instrumentation. It forms Part 4-41 of IEC 61000. It has the status of a basic EMC publication in accordance with IEC Guide 107.

Keel: en
Alusdokumendid: IEC 61000-4-41:2024; EN IEC 61000-4-41:2025

45 RAUDTEETEHNIKA

EVS-EN ISO 22163:2024/A1:2025

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

Amendment to EN ISO 22163:2024

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

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN IEC 62288:2022+A1:2024

Maritime navigation and radiocommunication equipment and systems - Presentation of navigation-related information on shipborne navigational displays - General requirements, methods of testing and required test results (IEC 62288:2021 + IEC 62288:2021/AMD1:2024)

This document specifies the general requirements, methods of testing, and required test results, for the presentation of navigation-related information on shipborne navigational displays in support of IMO resolutions MSC.191(79) as amended by MSC.466(101) in June 2019, and where applicable MSC.302(87). This document also supports the guidelines included in the related IMO Circulars MSC.1/Circ.1609 on the standardization of user interface design for navigation equipment and SN.1/Circ.243 as revised in June 2019 on the presentation of navigation related symbols, terms and abbreviations. This document also specifies the presentation of AIS data reports and the AIS Application Specific Messages defined for international use in IMO SN.1/Circ.289 and intended to be received by a ship for display onboard. NOTE All text in this document whose wording is identical to text contained in an IMO document is printed in italics. Reference to the document is noted at the beginning of the paragraph. The notation contains a prefix referring to the document and a suffix with the paragraph number from the document (for example, (MSC191/1); (SN243/1), etc.).

Keel: en
Alusdokumendid: IEC 62288:2021; EN IEC 62288:2022; IEC 62288:2021/AMD1:2024; EN IEC 62288:2022/A1:2024
Konsolideerib dokumenti: EVS-EN IEC 62288:2022
Konsolideerib dokumenti: EVS-EN IEC 62288:2022/A1:2024

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 14538:2025

Fat and oil derivatives - Fatty acid methyl ester (FAME) - Determination of Ca, Mg, Na, K and P content by optical emission spectral analysis with inductively coupled plasma (ICP OES)

This document specifies a procedure for the direct determination of the content of the soap building elements Calcium (Ca), Magnesium (Mg), Sodium (Na) and Potassium (K) as well as Phosphorus (P) in fatty acid methyl esters (FAME) by ICP OES. The concentrations of each component or the combinations of some to which this method is applicable are given in Table 1. Table 1 - Scope ranges for each element Element Scope range mg/kg Ca 0,3 - 5,4 Mg 0,3 - 4,6 Na 0,4 - 5,0 K 0,6 - 5,3 P 1,0 - 5,0 Ca + Mg 0,5 - 9,4 Na + K 1,0 - 9,9 Ca + Mg + Na + K 1,4 - 19,3 WARNING - The use of this document can involve hazardous materials, operations and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use. NOTE For the purposes of this document, the term "% (V/V)" is used to represent the volume fraction, φ, of a material.

Keel: en
Alusdokumendid: EN 14538:2025
Asendab dokumenti: EVS-EN 14538:2006

EVS-EN ISO 3961:2025
Animal and vegetable fats and oils - Determination of iodine value (ISO 3961:2024)

This document specifies a reference method for the determination of the iodine value (commonly known in the industry as IV) of animal and vegetable fats and oils, hereinafter referred to as fats. Annex B describes a method for the calculation of the IV from fatty acid compositional data. This method is not applicable to fish oils. Furthermore, cold-pressed, crude and unrefined vegetable oils as well as (partially) hydrogenated oils can give different results by the two methods. The calculated IV is affected by impurities and thermal degradation products. NOTE The method in Annex B is based upon the AOCS Official method Cd 1c-85[10].

Keel: en
Alusdokumendid: ISO 3961:2024; EN ISO 3961:2025
Asendab dokumenti: EVS-EN ISO 3961:2018

71 KEEMILINE TEHNOLOOGIA

EVS-EN ISO 23675:2025
Cosmetics - Sun protection test methods - In vitro determination of sun protection factor (SPF) (ISO 23675:2024)

This document specifies a method for the in vitro determination of sun protection factor (SPF). This method is applicable to sunscreen products in form of an emulsion or alcoholic one-phase formulation, excluding in form of a loose or compressed powder or stick. Specifications are given to enable determination of the spectral absorbance characteristics of SPF protection in a reproducible manner. Use of this method is strictly for the determination of a static sun protection factor. It is not applicable for the determination of water-resistance properties of a sun protection product.

Keel: en
Alusdokumendid: ISO 23675:2024; EN ISO 23675:2025

EVS-EN ISO 23698:2025
Cosmetics - Measurement of the sunscreen efficacy by diffuse reflectance spectroscopy (ISO 23698:2024)

This document provides a procedure to characterize the sun protection factor (SPF), UVA protection factor (UVA-PF) and critical wavelength (CW) protection of sunscreen products without requiring biological responses. The test method is applicable for emulsions and single-phase products. The method has not been evaluated for use with powder forms sunscreen products. This document gives specifications to enable determination of the absolute spectral absorbance characteristics of a sunscreen product on skin to estimate sunburn and UVA protection. It is applicable to products that contain any component able to absorb, reflect or scatter ultraviolet (UV) rays and which are intended to be placed in contact with human skin.

Keel: en
Alusdokumendid: ISO 23698:2024; EN ISO 23698:2025

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-ISO 1171:2025
Kivisüsi ja koks. Tuhasuse määramine
Coal and coke – Determination of ash (ISO 1171:2024, identical)

See dokument määrab kindlaks kivisöe ja koksi tuhasuse määramise meetodi.

Keel: en
Alusdokumendid: ISO 1171:2024

EVS-ISO 8216-1:2025
Naftast, sünteetilistest ja taastuvatest allikatest toodetud tooted. Kütuste (klass F) klassifikatsioon. Osa 1: Laevakütuste klassifikatsioon
Products from petroleum, synthetic and renewable sources — Fuels (class F) classification — Part 1: Categories of marine fuels (ISO 8216-1:2024, identical)

See dokument määratleb laevakütuste üksikasjaliku klassifikatsiooni klassi F (kütused) piires. See on ette nähtud lugemiseks koos standardiga ISO 8216-99. MÄRKUS Kütuste klass F määratleti algselt osana standardis ISO 8681 toodud naftatoodete klassifitseerimise meetodist.

Keel: en
Alusdokumendid: ISO 8216-1:2024

EVS-ISO 8217:2025
Naftast, sünteetilistest ja taastuvatest allikatest toodetud tooted. Kütused (klass F). Laevakütuste spetsifikatsioonid
Products from petroleum, synthetic and renewable sources — Fuels (class F) — Specifications of marine fuels (ISO 8217:2024, identical)

See standard määratleb laevakütustele kehtestatavad üldised nõuded ja spetsifikatsiooni. Nõuded käsitlevad kütuste kasutamist laevade diiselmootorites ja kateldes, kütuste käitlemist (hoiustamist, setitamist, tsentrifuugimist, filtreerimist, soojendamist) enne

pardal kasutamist. Termin „kütus“ hõlmab selles dokumendis järgmisi tähendusi: — toornaftast, õliliivadest ja põlevkiviõlist toodetud süsivesinikud; — sünteetilistest, taastuvatest ja taaskasutatud toorainetest toodetud süsivesinikud, mille molekulaarstruktuur on eristamatu naftast toodetud süsivesinikest; — rasvhappe metüülestrid (FAME), kus lubatud selle dokumendi kohaselt; — varem defineeritud süsivesinike segud, kus lubatud selle dokumendi kohaselt. Selles dokumendis kütustele sätestatud üldiseid nõudeid ja spetsifikatsioone võib rakendada ka statsionaarsetes diiselmootorites kasutatavatele sarnast tüüpi kütustele. See dokument määratleb seitse liiki destillaatkütuseid, millest üks on hädaolukordades kasutatav diiselkütus. See dokument määratleb seitse liiki destillaatkütuseid, millest üks on hädaolukordades kasutatav diiselkütus. See dokument määratleb ka neli liiki jääkkütuseid väävlisisaldusega alla 0,5 massi%, viis liiki FAME sisaldusega jääkkütuseid ja viis liiki jääkkütuseid väävlisisaldusega üle 0,5 massi%.

Keel: en
Alusdokumendid: ISO 8217:2024

77 METALLURGIA

EVS-EN 10216-2:2025

Surveotstarbelised õmblusteta terastorud. Tehnilised tarnetingimused. Osa 2: Süsinik- ja legeerterasest torud, millel on kindlaksmääratud omadused kõrgendatud temperatuuril
Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties

See dokument määratleb süsinikterasest ja legeeritud terasest valmistatud ümmarguse ristlõikega õmblusteta torude tehnilised tarnetingimused kahes katsekategoorias. Standardi EN 10216 seda osa rakendatakse ka mitteümmarguse ristlõikega torudele, vajalikud muudatused lepitakse kokku päringu ja tellimuse ajal.

Keel: en, et
Alusdokumendid: EN 10216-2:2024
Asendab dokumenti: EVS-EN 10216-2:2013+A1:2019

EVS-EN ISO 8044:2025

Corrosion of metals and alloys - Vocabulary (ISO 8044:2024)

This document defines terms relating to corrosion that are widely used in modern science and technology. In addition, some definitions are supplemented with short explanations. Throughout the document, International Union of Pure and Applied Chemistry rules for electrode potential signs are applied. The term “metal” is also used to include alloys and other metallic materials. Terms and definitions related to the inorganic surface treatment of metals are given in ISO 2080.

Keel: en
Alusdokumendid: ISO 8044:2024; EN ISO 8044:2025
Asendab dokumenti: EVS-EN ISO 8044:2020

91 EHITUSMATERJALID JA EHITUS

EVS-EN 14501:2021+A1:2025

Blinds and shutters - Thermal and visual comfort - Performance characteristics and classification

This document applies to the whole range of shutters, awnings and blinds defined in EN 12216, described as solar protection devices in this document. It specifies the corresponding properties and classifications: - relating to thermal comfort: - the solar factor (total solar energy transmittance); - the secondary heat transfer factor; - the direct solar transmittance; - relating to visual comfort: - the darkening performance; - the night privacy; - the visual contact with the outside; - the glare control; - the daylight utilization; - the rendering of colours. NOTE For other purposes, more detailed methods using different parameters can be used. Some of the characteristics (e.g. gtot) are not applicable when solar protection devices are not parallel to the glazing (e.g. folding-arm awnings). This document is not applicable to the solar protection devices using fluorescent materials.

Keel: en
Alusdokumendid: EN 14501:2021+A1:2025
Asendab dokumenti: EVS-EN 14501:2021

EVS-EN ISO 10077-2:2017/A1:2025

Akende, uste ja luukide soojuslik toimivus. Soojusläbivuse arvutus. Osa 2: Raamide numbriline arvutusmeetod
Thermal performance of windows, doors and shutters - Calculation of thermal transmittance - Part 2: Numerical method for frames - Amendment 1 (ISO 10077-2:2017/Amd1:2024)

Amendment to EN ISO 10077-2:2017

Keel: en
Alusdokumendid: ISO 10077-2:2017/Amd 1:2024; EN ISO 10077-2:2017/A1:2025
Muudab dokumenti: EVS-EN ISO 10077-2:2017

EVS-EN ISO 10077-2:2017+A1:2025

Akende, uste ja luukide soojuslik toimivus. Soojusläbivuse arvutus. Osa 2: Raamide numbriline arvutusmeetod

Thermal performance of windows, doors and shutters - Calculation of thermal transmittance - Part 2: Numerical method for frames (ISO 10077-2:2017 + ISO 10077-2:2017/Amd1:2024)

This document specifies a method and gives reference input data for the calculation of the thermal transmittance of frame profiles and of the linear thermal transmittance of their junction with glazing or opaque panels. The method can also be used to evaluate the thermal resistance of shutter profiles and the thermal characteristics of roller shutter boxes and similar components (e.g. blinds). This document also gives criteria for the validation of numerical methods used for the calculation. This document does not include effects of solar radiation, heat transfer caused by air leakage or three-dimensional heat transfer such as pinpoint metallic connections. Thermal bridge effects between the frame and the building structure are not included. NOTE Table 1 in the Introduction shows the relative position of this document within the set of EPB standards in the context of the modular structure as set out in ISO 52000-1.

Keel: en
Alusdokumendid: ISO 10077-2:2017; EN ISO 10077-2:2017; ISO 10077-2:2017/Amd 1:2024; EN ISO 10077-2:2017/A1:2025
Konsolideerib dokumenti: EVS-EN ISO 10077-2:2017
Konsolideerib dokumenti: EVS-EN ISO 10077-2:2017/A1:2025

EVS-EN ISO 4064-3:2025

Veearvestid külmale joogiveele ja kuumale veele. Osa 3: Katsearuande vormistamine

Water meters for cold potable water and hot water - Part 3: Test report format (ISO 4064-3:2024)

This document specifies a test report format to be used in conjunction with ISO 4064-1:2024|OIML R 49-1:2024 and ISO 4064-2:2024|OIML R 49-2:2024 for water meters for cold potable water and hot water.

Keel: en
Alusdokumendid: ISO 4064-3:2024; EN ISO 4064-3:2025
Asendab dokumenti: EVS-EN ISO 4064-3:2014

EVS-EN ISO 4064-4:2025

Veearvestid külmale joogiveele ja kuumale veele. Osa 4: Standardis ISO 4064-1 käsitlemata mitte-metroloogilised nõuded

Water meters for cold potable water and hot water - Part 4: Non-metrological requirements not covered in ISO 4064-1 (ISO 4064-4:2024)

This document applies to water meters used to meter the volume of cold potable water and hot water flowing through a fully charged, closed conduit. These water meters incorporate devices which indicate the integrated volume. This document specifies technical characteristics and pressure loss requirements for meters for cold potable water and hot water. It applies to water meters which can withstand: a) a maximum admissible pressure (MAP) equal to at least 1 MPa1) [0,6 MPa for meters for use with pipe nominal diameters (DNs) ≥500 mm]; b) a maximum admissible temperature (MAT) for cold potable water meters of 30 °C; c) a MAT for hot water meters of up to 180 °C, depending on class. In addition to meters based on mechanical principles, this document also applies to water meters based on electrical or electronic principles, and to water meters based on mechanical principles incorporating electronic devices, used to meter the volume flow of hot water and cold potable water. It also applies to electronic ancillary devices. As a rule ancillary devices are optional. However, national or international regulations may make some ancillary devices mandatory in relation to the utilization of the water meter. 1) 1 MPa = 10 bar (1 bar = 0,1 MPa =105 Pa; 1 MPa = 1 N/mm2).

Keel: en
Alusdokumendid: ISO 4064-4:2024; EN ISO 4064-4:2025
Asendab dokumenti: EVS-EN ISO 4064-4:2014

ISO/TR 5911:2023 et

Valgus ja valgustus. Hoonete valgustussüsteemide kasutuselevõtt Tehnilise spetsifikatsiooni ISO/TS 21274 selgitus ja põhjendus

Light and lighting – Commissioning of lighting systems in buildings – Explanation and justification of ISO/TS 21274 (ISO/TR 5911:2023)

See dokument sisaldab teavet, et aidata tehnilist spetsifikatsiooni ISO/TS 21274 õigesti mõista, kasutada ja riiklikult rakendada. See selgitab protseduure ja annab taustteavet. Samuti põhjendatakse tehtud valikuid. See pakub üksikasjalikke näiteid, et selgitada tehnilise spetsifikatsiooni ISO/TS 21274 üldist toimimist.

Keel: et
Alusdokumendid: ISO/TR 5911:2023

93 RAJATISED

EVS-EN 12697-16:2025

Asfaltsegud. Katsemeetodid. Osa 16: Vastupidavus naastrehvide toimele

Bituminous mixtures - Test methods - Part 16: Abrasion by studded tyres

See dokument täpsustab kaht katsemeetodit (meetod A ja meetod B) naastrehvide tekitatava kulumise määramiseks, katsetades silindrilisi asfaltsegude proovikehasid. Katsemeetodid on rakendatavad asfaltsegudele, mille ülemine teramõõde ei ületa 22 mm.

Katsed on rakendatavad laboratoorselt valmistatud proovikehadele või katendist või plaadist puuritud puurproovidele. MÄRKUS 1 Meetod A pärineb „Prall“-meetodist, mida on laiaulatusliku Põhjamaades teostatud uurimustöö alusel täiustatud. Teebituumeni kasutamise korral korreleerub meetod teel kulumisega. Põhjamaade kogemustele tuginedes ei ole meetodi A laboratoorse kulumise ja teel toimuva kulumise seoseid polümeermodifitseeritud bituumeni või kummiga modifitseeritud bituumeni vms kasutamise korral kindlaks tehtud. MÄRKUS 2 Meetod B põhineb Soome kogemustel ja on sobilik ka siis, kui kasutatakse polümeermodifitseeritud bituumenit. Kummi kasutamise korral ei ole laboratoorse kulumise ja teel toimuva kulumise seoseid kindlaks tehtud.

Keel: en, et
Alusdokumendid: EN 12697-16:2024
Asendab dokumenti: EVS-EN 12697-16:2016

EVS-EN 12697-2:2025

Asfaltsegud. Katsemeetodid. Osa 2: Terastikulise koostise määramine
Bituminous mixtures - Test methods - Part 2: Determination of particle size distribution

See dokument määratleb asfaltsegude täitematerjalide terastikulise koostise määramise protseduuri sõelumise teel. See katsemeetod on rakendatav täitematerjalidele, mis on saadud sideaine ekstraheerimise järel EN 12697-1 või EN 12697-39 kohaselt. MÄRKUS Katsetulemust mõjutavad kiudmaterjalid, (ekstraheerimise käigus mittelahustuvad) tahked lisandid ja (mõned) sideaine modifikaatorid.

Keel: en, et
Alusdokumendid: EN 12697-2:2024
Asendab dokumenti: EVS-EN 12697-2:2015+A1:2019

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 8044:2020
Corrosion of metals and alloys - Vocabulary (ISO 8044:2020)

Keel: en
Alusdokumendid: ISO 8044:2020; EN ISO 8044:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 8044:2025
Standardi staatus: Kehtetu

EVS-IEC/TR 61000-1-1:2000
Elektromagnetiline ühilduvus (EMÜ). Osa 1: Üldist. Peatükk 1: Põhimääratluste ja -terminite kasutamine ning tõlgendamine
Electromagnetic compatibility (EMC) Part 1: General. Section 1: Application and interpretation of fundamental definitions and terms

Keel: en, et
Alusdokumendid: IEC TR 61000-1-1:1992
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 1366-3:2022
Tehnoseadmete tulepüsivuse katsed. Osa 3: Läbiviigutihendid
Fire resistance tests for service installations - Part 3: Penetration seals

Keel: en, et
Alusdokumendid: EN 1366-3:2021
Asendatud järgmise dokumendiga: EVS-EN 1366-3:2022+A1:2025
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 61557-10:2013
Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetamis-, mõõte- ja seireseadmed. Osa 10: Kombineeritud mõõteseadmed kaitseviiside katsetamiseks, mõõtmiseks ja seireks
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 10: Combined measuring equipment for testing, measuring or monitoring of protective measures (IEC 61557-10:2013)

Keel: en, et
Alusdokumendid: IEC 61557-10:2013; EN 61557-10:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 61557-10:2025
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 10216-2:2013+A1:2019
Terasest õmblusteta survetorud. Tehnilised tarnetingimused. Osa 2: Süsinik- ja legeerterasest torud, millel on kindlaksmääratud omadused kõrgendatud temperatuuril
Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties

Keel: en
Alusdokumendid: EN 10216-2:2013+A1:2019
Asendatud järgmise dokumendiga: EVS-EN 10216-2:2025
Standardi staatus: Kehtetu

EVS-EN 16304:2022
Automaatsed läbipuhkeklapid gaasipõletitele ja gaasiseadmetele
Automatic vent valves for gas burners and gas burning appliances

Keel: en
Alusdokumendid: EN 16304:2022
Asendatud järgmise dokumendiga: EVS-EN 16304:2022+A1:2025
Standardi staatus: Kehtetu

EVS-EN 16631:2015
LPG equipment and accessories - Pressure relief valves for LPG pressure vessels - Reconditioning requirements

Keel: en
Alusdokumendid: EN 16631:2015
Asendatud järgmise dokumendiga: EVS-EN 16631:2025
Standardi staatus: Kehtetu

EVS-EN 88-2:2022
Gaasipõletite ja gaasiseadmete ohutus- ja juhtseadmed. Osa 2: Rõhuregulaatorid sisendrõhule 50 kPa kuni 500 kPa (k.a)
Safety and control devices for gas burners and gas burning appliances - Part 2: Pressure regulators for inlet pressures above 50 kPa up to and including 500 kPa

Keel: en
Alusdokumendid: EN 88-2:2022
Asendatud järgmise dokumendiga: EVS-EN 88-2:2022+A1:2025
Standardi staatus: Kehtetu

EVS-EN 88-3:2022
Gaasipõletite ja gaasiseadmete ohutus- ja juhtseadmed. Osa 3: Rõhu- ja /või vooluhulga regulaatorid sisendrõhule kuni 500 kPa (k.a), elektroonilised tüübid
Safety and control devices for gas burners and gas burning appliances - Part 3: Pressure and/or flow rate regulators for inlet pressures up to and including 500 kPa, electronic types

Keel: en
Alusdokumendid: EN 88-3:2022
Asendatud järgmise dokumendiga: EVS-EN 88-3:2022+A1:2025
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 125:2022
Seadised gaasipõletusseadmete leegi kontrollimiseks. Termoelektrilised leegikontrolliseadised
Flame supervision devices for gas burning appliances - Thermoelectric flame supervision devices

Keel: en
Alusdokumendid: EN 125:2022
Asendatud järgmise dokumendiga: EVS-EN 125:2022+A1:2025
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 61557-10:2013
Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V. Kaitsesüsteemide katsetamis-, mõõte- ja seireseadmed. Osa 10: Kombineeritud mõõteseadmed kaitseviiside katsetamiseks, mõõtmiseks ja seireks
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 10: Combined measuring equipment for testing, measuring or monitoring of protective measures (IEC 61557-10:2013)

Keel: en, et
Alusdokumendid: IEC 61557-10:2013; EN 61557-10:2013
Asendatud järgmise dokumendiga: EVS-EN IEC 61557-10:2025
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 61076-2-101:2012
Connectors for electronic equipment - Product requirements - Part 2-101: Circular connectors - Detail specification for M12 connectors with screw-locking

Keel: en
Alusdokumendid: IEC 61076-2-101:2012; EN 61076-2-101:2012
Asendatud järgmise dokumendiga: EVS-EN IEC 61076-2-101:2025
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-IEC/TR 61000-1-1:2000
Elektromagnetiline ühilduvus (EMÜ). Osa 1: Üldist. Peatükk 1: Põhimääratluste ja -terminite kasutamine ning tõlgendamine
Electromagnetic compatibility (EMC) Part 1: General. Section 1: Application and interpretation of fundamental definitions and terms

Keel: en, et
Alusdokumendid: IEC TR 61000-1-1:1992
Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN 14538:2006
Fat and oil derivatives - Fatty acid methyl ester (FAME) - Determination of Ca, K, Mg and Na content by optical emission spectral analysis with inductively coupled plasma (ICP OES)

Keel: en
Alusdokumendid: EN 14538:2006
Asendatud järgmise dokumendiga: EVS-EN 14538:2025
Standardi staatus: Kehtetu

EVS-EN ISO 3961:2018
Animal and vegetable fats and oils - Determination of iodine value (ISO 3961:2018)

Keel: en
Alusdokumendid: ISO 3961:2018; EN ISO 3961:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 3961:2025
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 10216-2:2013+A1:2019
Terasest õmblusteta survetorud. Tehnilised tarnetingimused. Osa 2: Süsinik- ja legeerterasest torud, millel on kindlaksmääratud omadused kõrgendatud temperatuuril
Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties

Keel: en
Alusdokumendid: EN 10216-2:2013+A1:2019
Asendatud järgmise dokumendiga: EVS-EN 10216-2:2025
Standardi staatus: Kehtetu

EVS-EN ISO 8044:2020
Corrosion of metals and alloys - Vocabulary (ISO 8044:2020)

Keel: en
Alusdokumendid: ISO 8044:2020; EN ISO 8044:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 8044:2025
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 14501:2021
Blinds and shutters - Thermal and visual comfort - Performance characteristics and classification

Keel: en
Alusdokumendid: EN 14501:2021
Asendatud järgmise dokumendiga: EVS-EN 14501:2021+A1:2025
Standardi staatus: Kehtetu

EVS-EN ISO 4064-3:2014
Veearvestid külmale joogiveele ja kuumale veele. Osa 3: Katsearuande vormistamine
Water meters for cold potable water and hot water - Part 3: Test report format (ISO 4064-3:2014)

Keel: en
Alusdokumendid: ISO 4064-3:2014; EN ISO 4064-3:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 4064-3:2025
Standardi staatus: Kehtetu

EVS-EN ISO 4064-4:2014
Veearvestid külmale joogiveele ja kuumale veele. Osa 4: Standardis ISO 4064-1 käsitlemata mitte-metroloogilised nõuded
Water meters for cold potable water and hot water - Part 4: Non-metrological requirements not covered in ISO 4064-1 (ISO 4064-4:2014)

Keel: en
Alusdokumendid: ISO 4064-4:2014; EN ISO 4064-4:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 4064-4:2025
Standardi staatus: Kehtetu

93 RAJATISED

EVS-EN 12697-16:2016
Asfaltsegud. Katsemeetodid. Osa 16: Vastupidavus naastrehvide toimele
Bituminous mixtures - Test methods - Part 16: Abrasion by studded tyres

Keel: en, et
Alusdokumendid: EN 12697-16:2016
Asendatud järgmise dokumendiga: EVS-EN 12697-16:2025
Standardi staatus: Kehtetu

EVS-EN 12697-2:2015+A1:2019
Asfaltsegud. Katsemeetodid. Osa 2: Terastikulise koostise määramine
Bituminous mixtures - Test methods - Part 2: Determination of particle size distribution

Keel: en, et
Alusdokumendid: EN 12697-2:2015+A1:2019
Asendatud järgmise dokumendiga: EVS-EN 12697-2:2025
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.

11 TERVISEHOOLDUS

prEN 18151

Refrigerators and freezers for laboratory and medical applications — Terminology, requirements, testing

This document specifies terminology, requirements and test methods for electrically operated medical refrigerating appliances as defined in 3.2 intended for the cold storage of blood components, biological specimen, vaccines, medicines, reagents, or other laboratory preparations used in medical practice and research. This document applies to medical refrigerating appliances equipped with a remote or integrated compression-type refrigerating system. This document covers construction characteristics relevant for the thermal and energy performance. This document does not cover hygienic and safety aspects and ergonomic principles. NOTE Examples of standards for safety requirements applicable to medical refrigerating appliances are EN IEC 60335-1 and EN IEC 60335-2-89 or EN 61010-1 and EN IEC 61010-2-011. This document is not applicable to: - refrigerated incubators; - refrigerated cells and refrigerated containers > 2 000 l; - passive cooling equipment; - appliances having functionality other than exclusively for storage; - appliances intended for short term storage; - appliances intended for fully or partially off-grid operation.

Keel: en
Alusdokumendid: prEN 18151

Arvamusküsitluse lõppkuupäev: 15.03.2025

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 1364-4

Fire resistance tests for non-loadbearing elements - Part 4: Curtain walling - Part configuration

This document specifies a method for determining the fire resistance of parts of curtain walling and of the perimeter seal. It examines the fire resistance to internal and external fire exposure of: - the spandrel panel, i.e. downstand, upstand or a combination thereof; - the perimeter seal; - the fixing of the framing system (anchoring) used to attach the curtain walling to the floor element; - combinations thereof. NOTE 1 This document does not test fire spread that can be caused through cavities in the test specimen, i.e., inside of the mullions (see note to 9.1.2.3.3). Results from tests according to this document form the basis for classification of curtain walling type A (see 3.3 for definition). For curtain walling type B (see 3.4 for definition) results can be used to determine fire resistance of parts of a curtain walling to increase the field of application when previously tested to EN 1364-3. For intended classification EW and for corner/faceted specimens EN 1364-3 can be used. This document does not cover double skin façades, over-cladding systems and ventilated façade systems on external walls. It does not deal with the reaction to fire behaviour of curtain walling. This document is intended to be read in conjunction with EN 1363-1 and EN 1363-2 as well as EN 1364-3 for curtain walling type B. As per the type of curtain walling covered by this document, these are the ones included in EN 13119. NOTE 2 Annex A gives informative guidance on the principles of testing parts of curtain walling and the test method. NOTE 3 When tests are made to examine single elements (e.g. perimeter seal), those elements are to be installed as part of a curtain walling system.

Keel: en
Alusdokumendid: prEN 1364-4
Asendab dokumenti: EVS-EN 1364-4:2014

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN 16716
Mountaineering equipment - Avalanche airbag systems - Safety requirements and test methods

This document specifies safety requirements and test methods for avalanche airbag systems to reduce the risk of being buried by a snow avalanche. This document does not consider personal protection against impact or cold temperature.

Keel: en
Alusdokumendid: prEN 16716
Asendab dokumenti: EVS-EN 16716:2017

Arvamusküsitluse lõppkuupäev: 15.03.2025

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN 50663:2025
Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10 MHz - 300 GHz)

This document provides electromagnetic field (EMF) exposure conformity assessment methods for low power electronic and electrical equipment. It is applicable to intentionally radiating equipment operating at frequencies between 10 MHz and 300 GHz with time-averaged transmitted power less than or equal to 20 mW in case of equipment intended for use by the general public, or less than or equal to 100 mW in case of equipment intended for use only by workers when at work, respectively. In the context of this document, time-averaging is over any 6-min period up to 10 GHz and over any $68/f1.05$ -minute period (f in GHz) for frequencies exceeding 10 GHz. It also applies to non-intentionally radiating equipment in the same frequency range.

Keel: en
Alusdokumendid: prEN 50663:2025
Asendab dokumenti: EVS-EN 50663:2017

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN IEC 62056-8-11:2025
Electricity metering data exchange - The DLMS/COSEM suite - Part 8-11: Communication profile for Wi-SUN field area mesh networks

This standard specifies how the DLMS/COSEM application layer can be used over a Wi-SUN FAN radio mesh network.

Keel: en
Alusdokumendid: 13/1932/CDV; prEN IEC 62056-8-11:2025

Arvamusküsitluse lõppkuupäev: 15.03.2025

19 KATSETAMINE

prEN IEC 60721-3-5:2024
Classification of environmental conditions - Part 3: Classificationof groups of environmental parameters and their severities -section 5: Ground vehicle installations

This part of IEC 60721 classifies the groups of environmental parameters and their severities to which a product. not forming part of the vehicle, is subjected when installed on or in a ground vehicle. Such products are for example radios, communication systems, fare meters, flow meters for liquids transported by the vehicle, for example milk, petroleum products, etc. Vehicles where products may be permanently or temporarily installed include: • road vehicles: passenger cars, commercial vehicles, special vehicles, towing vehicles, trailers, mopeds, motorcycles, • rail vehicles: trains, trams, • tracked vehicles: excavators, cranes, rubber tracked vehicles, • overland vehicles: four-wheel drive cars, tractors, snow scooters, • handling and storage vehicles: fork-lift trucks (manual and robot), luggage transporters, and • self-propelled machinery: diggers, harvesters. Although this document is not intended for products forming part of the vehicles, the environmental condition classification may also be used for some exchangeable parts, installed in a similar way and in the same locations of the vehicle as products which do not form part of the vehicle. Only severe conditions which may be harmful to products are included. Conditions of storage, transportation and handling are given in IEC 60721-3-1 and IEC 60721-3-2. Classification of storage and transportation environmental conditions are given in other subparts of the IEC 60721-3 series. Accidental incidents are not included but it can be important to take their occurrence into account for products vital to the safety of the ground vehicle.

Keel: en
Alusdokumendid: 104/1084/CDV; prEN IEC 60721-3-5:2024
Asendab dokumenti: EVS-EN 60721-3-5:2007

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN IEC 60721-3-7:2024
Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Section 7: Portable and non-stationary use

This part of IEC 60721 classifies the groups of environmental parameters and their severities to which products are subject to during portable and non-stationary use. This includes periods of transfer, down time, maintenance and repair. The environmental conditions encompassed by these groups include the environmental conditions occurring: • at locations where the product may be placed or used temporarily and • during the transfer of products between different locations. The conditions of portable and non-stationary use to which products may be exposed include land-based and offshore, weatherprotected, and non-

weatherprotected locations. The conditions also include those occurring during transfer between locations. The environmental conditions specified in this document are applicable to products which are frequently moved from place to place, particularly when the transfer time may be a significant proportion of the product's lifetime. During such transfer the product is unlikely to have any special packaging. The environmental conditions specified in this document do not consider the use profile of the product i.e., whether the product is used only during a temporary stationary state, during the state of transfer or arbitrary. Accidental incidents such as fire, explosion and other unforeseen incidents are not included. However, their occurrence may need to be considered in special cases. Micro-climates occurring within a product are not included. Classification of for stationary use, storage and transportation environmental conditions are given in other subparts of the IEC 60721-3 series.

Keel: en
Alusdokumendid: 104/1085/CDV; prEN IEC 60721-3-7:2024
Asendab dokumenti: EVS-EN 60721-3-7:2006
Asendab dokumenti: EVS-EN 60721-3-7:2006/A1:2006

Arvamusküsitluse lõppkuupäev: 15.03.2025

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN 10253-3

Butt-welding pipe fittings - Part 3: Wrought austenitic and austenitic-ferritic (duplex) stainless steels without specific inspection requirements

This document specifies the technical delivery requirements for seamless and welded butt-welding fittings (elbows, concentric and eccentric reducers, equal and reducing tees, caps) made of austenitic and austenitic-ferritic (duplex) stainless steel without specific inspection requirements. This document specifies: - steel grades and their chemical compositions; - mechanical properties; - dimensions and tolerances; - requirements for inspection and testing; - inspection documents; - marking; - handling and packaging.

Keel: en
Alusdokumendid: prEN 10253-3
Asendab dokumenti: EVS-EN 10253-3:2009

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN 13807

Transportable gas cylinders - Battery vehicles and multiple-element gas containers (MEGCs) - Design, manufacture, identification and testing

This document specifies the requirements for the design, manufacture, identification and testing of battery vehicles and multiple-element gas containers (MEGCs) containing cylinders, tubes, or bundles of cylinders. This document applies also to battery vehicles and MEGCs containing bundles of cylinders connected by a manifold which are dis-assembled from the battery vehicle and filled individually. It is applicable to battery vehicles and MEGCs containing compressed gas, liquefied gas, and mixtures thereof. It is also applicable to battery vehicles for dissolved acetylene. This document is not applicable to battery vehicles and MEGC for toxic gases with an LC50 value less than or equal to 200 ml/m3. This document does not apply to battery vehicles and MEGCs containing pressure drums or tanks. This document does not specify requirements for the vehicle chassis or motive unit. This document is primarily intended for industrial gases other than Liquefied Petroleum Gases (LPG).

Keel: en
Alusdokumendid: prEN 13807
Asendab dokumenti: EVS-EN 13807:2017

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN ISO 11300-1

Piping systems for rehabilitation of underground drains, sewers and water supply networks - Part 1: Polyethylene (PE) material (ISO/DIS 11300-1:2025)

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation and trenchless replacement of underground non-pressure and pressure drainage and sewerage networks and water supply networks, which transport water intended for human consumption, including raw water pipelines. It is applicable to polyethylene (PE) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline. It is applicable to technique families for renovation: — lining with continuous pipes; — lining with close-fit pipes; and technique families for trenchless replacement: — pipe bursting and pipe extraction; — horizontal directional drilling and impact moling. and intended to be used at an operating temperature of 20 °C as the reference temperature. NOTE For applications operating at constant temperatures greater than 20 °C and up to 40 °C, see ISO 4427 1:2019, Annex A. When used with lining with continuous pipes, lining with close-fit pipes and trenchless replacement technique families, this document is applicable to: PE solid wall single layered pipes, (nominal outside diameter, dn), including any identification stripes; PE pipes with co-extruded layers on either or both the outside and inside of the pipe (total outside diameter, dn), as specified in Annex E, where all layers have the same MRS rating. Furthermore, when used with lining with continuous pipes and trenchless replacement this document is applicable to: — PE coated pipes (outside diameter, dn) having a peelable, contiguous, thermoplastics additional layer on the outside of the pipe ("coated pipe"), as specified in Annex E. This document is applicable to jointing by means of butt fusion and electrofusion and to fabricated and injection-moulded fittings and mechanical connections of PE.

Keel: en
Alusdokumendid: ISO/DIS 11300-1; prEN ISO 11300-1
Asendab dokumenti: EVS-EN ISO 11296-1:2018
Asendab dokumenti: EVS-EN ISO 11296-2:2018
Asendab dokumenti: EVS-EN ISO 11296-3:2018

Asendab dokumenti: EVS-EN ISO 11297-1:2018
Asendab dokumenti: EVS-EN ISO 11297-2:2018
Asendab dokumenti: EVS-EN ISO 11297-3:2018
Asendab dokumenti: EVS-EN ISO 11298-1:2018
Asendab dokumenti: EVS-EN ISO 11298-2:2018
Asendab dokumenti: EVS-EN ISO 11298-3:2018
Asendab dokumenti: EVS-EN ISO 21225-1:2018
Asendab dokumenti: EVS-EN ISO 21225-2:2018

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN ISO 11300-2

Piping systems for rehabilitation of underground drains, sewers and water supply networks- Part 2: Thermoset composite materials (ISO/DIS 11300-2:2025)

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation of underground non-pressure and pressure drainage and sewerage networks, and of water supply networks which transport water intended for human consumption, including raw water intake pipelines. It is applicable to the renovation technique family: — lining with cured-in-place pipes (CIPP). It applies to the use of thermoset composite materials with various thermosetting resin systems, in combination with compatible fibrous carrier materials, reinforcement, and other process-related plastics components (see 5.1). It is applicable to pipes and fittings, as manufactured, as well as to the installed system, with service temperatures up to 50 °C for drainage and sewerage networks and up to 25°C for water supply networks. For pressurised networks, this document applies to independent (fully structural, class A) and interactive (semi structural, class B) pressure pipe liners, as defined in ISO 11295, which do not rely on adhesion to the existing pipeline. It does not include requirements or test methods for resistance to abrasion, cyclic loading or impact, which are outside the scope of this document.

Keel: en
Alusdokumendid: ISO/DIS 11300-2; prEN ISO 11300-2
Asendab dokumenti: EVS-EN ISO 11296-1:2018
Asendab dokumenti: EVS-EN ISO 11296-4:2018
Asendab dokumenti: EVS-EN ISO 11296-4:2018/A1:2021
Asendab dokumenti: EVS-EN ISO 11297-1:2018
Asendab dokumenti: EVS-EN ISO 11297-4:2018
Asendab dokumenti: EVS-EN ISO 11298-1:2018
Asendab dokumenti: EVS-EN ISO 11298-4:2021

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN ISO 11300-3

Piping systems for rehabilitation of underground drains, sewers and water supply networks - Part 3: Unplasticized poly (vinyl chloride) (PVC-U) material (ISO/DIS 11300-3:2025)

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation of underground non-pressure drainage and sewerage networks. It is applicable to unplasticized poly (vinyl chloride) (PVC-U) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline. It is applicable to technique families for renovation: — lining with close-fit pipes.

Keel: en
Alusdokumendid: ISO/DIS 11300-3; prEN ISO 11300-3
Asendab dokumenti: EVS-EN ISO 11296-1:2018
Asendab dokumenti: EVS-EN ISO 11296-3:2018

Arvamusküsitluse lõppkuupäev: 15.03.2025

25 TOOTMISTEHNOLOOGIA

prEN 14587-3

Railway applications - Infrastructure - Flash butt welding of rails - Part 3: Welding in association with crossing construction

This document specifies requirements for the approval of a welding process in a fixed plant, together with the requirements for subsequent welding production. This document applies to new Vignole rails manufactured in accordance to EN 13674-1 and welded by flash butt welding to crossing components in a fixed plant, and intended for use on railway infrastructures. This document applies to cast Manganese crossings manufactured to EN 15689, fabricated crossings manufactured from rail and crossings manufactured from forged/rolled premium steels. NOTE EN 14587-1 is also used for the flashed butt welding of switches. Sometimes special profiles exist in crossing construction, which are not rail profiles as defined in EN 13674 series (example: profile with machined off rail foot). In these cases, tests are defined by the railway authority in participation with the manufacturer.

Keel: en
Alusdokumendid: prEN 14587-3
Asendab dokumenti: EVS-EN 14587-3:2012

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN IEC 62264-2:2024

Enterprise-control system integration - Part 2: Object and attributes for enterprise-control system integration

This standard specifies interface content exchanged between manufacturing control functions and other enterprise functions as interrelated information models. The information models are represented as an interrelated collection of conceptual object models which can be used for the implementation of applications with logical data and physical data models. The data exchanges in interfaces are scoped as between Level 3 manufacturing operations and Level 4 business systems in the hierarchical model defined in IEC 62264-1. The standard's goal is to reduce the risk, cost, and errors associated with implementing the interfaces. Since this standard's scope covers many manufacturing operations and enterprise domains and there are many different standards for those domains, the semantics of this data exchange standard are described at a conceptual level intended to enable the other standards to be mapped to these semantics. To this end, this standard defines a set of elements contained in the generic interface, together with a mechanism for extending the interface content for implementations. The scope is limited to the definition of object models and attributes of the exchanged information defined in the IEC 62264-1 standard.

Keel: en
Alusdokumendid: 65E/1147/CDV; prEN IEC 62264-2:2024
Asendab dokumenti: EVS-EN 62264-2:2013

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN ISO 18166

Numerical welding simulation - Execution and documentation (ISO/DIS 18166:2025)

ISO/TS 18166:2016 provides a workflow for the execution, validation, verification and documentation of a numerical welding simulation within the field of computational welding mechanics (CWM). As such, it primarily addresses thermal and mechanical finite element analysis (FEA) of the fusion welding (see ISO/TR 25901:2007, 2.165) of metal parts and fabrications. CWM is a broad and growing area of engineering analysis. ISO/TS 18166:2016 covers the following aspects and results of CWM, excluding simulation of the process itself: - heat flow during the analysis of one or more passes; - thermal expansion as a result of the heat flow; - thermal stresses; - development of inelastic strains; - effect of temperature on material properties; - predictions of residual stress distributions; - predictions of welding distortion. ISO/TS 18166:2016 refers to the following physical effects, but these are not covered in depth: - physics of the heat source (e.g. laser or welding arc); - physics of the melt pool (and key hole for power beam welds); - creation and retention of non-equilibrium solid phases; - solution and precipitation of second phase particles; - effect of microstructure on material properties. The guidance given by this Technical Specification has not been prepared for use in a specific industry. CWM can be beneficial in design and assessment of a wide range of components. It is anticipated that it will enable industrial bodies or companies to define required levels of CWM for specific applications. This Technical Specification is independent of the software and implementation, and therefore is not restricted to FEA, or to any particular industry. It provides a consistent framework for-primary aspects of the commonly adopted methods and goals of CWM (including validation and verification to allow an objective judgment of simulation results). Through presentation and description of the minimal required aspects of a complete numerical welding simulation, an introduction to computational welding mechanics (CWM) is also provided. (Examples are provided to illustrate the application of this Technical Specification, which can further aid those interested in developing CWM competency). Clause 4 of this Technical Specification provides more detailed information relating to the generally valid simulation structure and to the corresponding application. Clause 5 refers to corresponding parts of this Technical Specification in which the structure for the respective application cases is put in concrete terms and examples are given. Annex A presents a documentation template to promote the consistency of the reported simulation results.

Keel: en
Alusdokumendid: ISO/DIS 18166; prEN ISO 18166
Asendab dokumenti: CEN ISO/TS 18166:2016

Arvamusküsitluse lõppkuupäev: 15.03.2025

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN 18126

Outdoor gas appliances - Additional provisions for 2nd family gas use

This document applies to household appliances intended for outdoor use capable of working with gases of the second family or second and third family. The scope of this document is the same as the scope of the product standards developed by the European Technical Committee CEN/TC 181 covering the same type of appliance but limited to the use of liquefied petroleum gases, hereinafter referred to as 'the product standard'. NOTE For example, product standards are: - for an independent cooktop: EN 484; - for multi-purpose burners with integrated support: EN 497; - for a barbecue or griddle: EN 498; - for a patio heater: EN 14543; - flueless non-domestic space heaters: EN 461; - ... This document applies to the manufacturing, testing and marking of appliances prior to their placing on the market and during further assessments. This document is not intended to be used for changing the gas category of an appliance already put on the market. This document specifies the modifications of the appliances allowed to change the type of gas to be used depending of its gas category. This document specifies the complementary information and requirement about constructional and performance characteristics, safety specifications and rational use of energy, relevant test methods and marking of household appliances intended for outdoor use capable of operating with second-family gases (defined in EN 437:2021). This document does not apply to appliances burning liquefied petroleum gases at the vapour pressure within the gas cartridge or gas cylinder. This document does not apply to appliances under the scope of EN 449:2002+A1:2007.

Keel: en
Alusdokumendid: prEN 18126

Arvamusküsitluse lõppkuupäev: 15.03.2025

29 ELEKTROTEHNIKA

EN IEC 60404-1:2017/prA1:2024
Amendment 1 - Magnetic materials - Part 1: Classification

Amendment to EN IEC 60404-1:2017

Keel: en
Alusdokumendid: 68/780/CDV; EN IEC 60404-1:2017/prA1:2024
Muudab dokumenti: EVS-EN 60404-1:2017

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN IEC 60947-10:2025
Low-voltage switchgear and controlgear - Part 10: Semiconductor Circuit-Breakers

This part of IEC 60947 series applies to semiconductor circuit-breakers, intended to be installed and operated by instructed or skilled persons, the main terminals of which are intended to be connected to circuits, the rated voltage of which does not exceed 1 000 V AC. or 1 500 V DC. This document covers the following different types: – Semiconductor Circuit-Breakers (SCCBs) have semiconductor switching elements and, for isolation function, mechanical switching elements connected in series. – Semiconductor Hybrid Circuit-Breakers (SCHCBs) have semiconductor switching elements and mechanical switching elements in parallel and in addition, for isolation function, mechanical switching elements connected in series. In this document where the term “Circuit-Breaker” only is used, it applies to both types. It applies whatever the rated currents, the method of construction or the proposed applications of the circuit-breakers may be. The object of this document is to state: a) the characteristics of circuit-breakers; b) the conditions with which circuit-breakers shall comply with reference to: 1) operation and behaviour in normal service; 2) operation and behaviour in case of overload and operation and behaviour in case of short-circuit, including co-ordination in service (selectivity and back-up protection); 3) dielectric properties; 4) requirements on electromagnetic compatibility, where applicable. c) tests intended for confirming that these conditions have been met and the methods to be adopted for these tests; d) information to be marked on or given with the circuit-breakers. NOTE For cybersecurity requirements, see IEC TS 63208.

Keel: en
Alusdokumendid: 121A/635/CDV; prEN IEC 60947-10:2025

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN IEC 63545:2024
Horticultural lighting - Luminaires for horticultural lighting - Safety

This document specifies safety requirements for horticultural luminaires, incorporating electric light sources for operation from supply voltage up to 1000 V.

Keel: en
Alusdokumendid: 34/1278/CDV; prEN IEC 63545:2024

Arvamusküsitluse lõppkuupäev: 15.03.2025

31 ELEKTROONIKA

prEN IEC 60384-14-1:2024
Fixed capacitors for use in electronic equipment - Part 14-1: Blank detail specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains - Assessment level DZ

This part of IEC 60384-14 is applicable to the drafting of detail specifications for fixed capacitors and resistor-capacitor combinations for which safety tests are required for use in electronic equipment.

Keel: en
Alusdokumendid: 40/3191/CDV; prEN IEC 60384-14-1:2024
Asendab dokumenti: EVS-EN 60384-14-1:2016

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN IEC 60384-14-2:2024
Fixed capacitors for use in electronic equipment - Part 14-2: Blank detail specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains - Safety tests only

This part of IEC 60384-14 is applicable to the drafting of detail specifications for fixed capacitors and resistor-capacitor combinations for which safety tests are required for use in electronic equipment

Keel: en
Alusdokumendid: 40/3192/CDV; prEN IEC 60384-14-2:2024
Asendab dokumenti: EVS-EN 60384-14-2:2016

Arvamusküsitluse lõppkuupäev: 15.03.2025

33 SIDETEHNIKA

EN 55032:2015/prAB:2025

Electromagnetic compatibility of multimedia equipment - Emission requirements

Amendment of items as required to ensure listing in OJEU

Keel: en
Alusdokumendid: EN 55032:2015/prAB:2025
Muudab dokumenti: EVS-EN 55032:2015
Muudab dokumenti: EVS-EN 55032:2015/A1:2020
Muudab dokumenti: EVS-EN 55032:2015+A11:2020
Muudab dokumenti: EVS-EN 55032:2015+A11+A1:2020

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN 303 851 V1.0.0

Raadiosageduslik identifitseerimine; Raadiosagedusalas 2446 MHz kuni 2454 MHz võimsusega kuni 500 mW e.i.r.p. ja kuni 4 W e.i.r.p. töötavad seadmed; Raadiospektrile juurdepääsu harmoneeritud standard
Radio Frequency Identification; Equipment operating in the band 2 446 MHz to 2 454 MHz with power levels up to a maximum of 500 mW e.i.r.p. and up to a maximum of 4 W e.i.r.p.; Harmonised Standard for access to radio spectrum

The present document specifies technical characteristics and methods of measurements for Radio Frequency IDentification (RFID) devices operating in the frequency range 2 446 MHz to 2 454 MHz with power levels up to a maximum of 500 mW e.i.r.p. and up to a maximum of 4 W e.i.r.p. The frequency usage conditions for RFID are EU wide harmonised in the band 2 446 MHz to 2 454 MHz with a power up 500 mW e.i.r.p. according to (EU) 2019/1345. NOTE 1: It should be noted that RFID systems in this frequency band with a power of 4 W e.i.r.p. have only a limited implementation status within the European Union and the CEPT countries. CEPT/ERC/REC 70-03 provides in Appendix 1 an overview of countries where the band is implemented. The present document contains requirements to demonstrate that the specified radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference. NOTE 2: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in Annex A.

Keel: en
Alusdokumendid: Draft ETSI EN 303 851 V1.0.0

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN 319 421 V1.3.0

Electronic Signatures and Trust Infrastructures (ESI); Policy and Security Requirements for Trust Service Providers issuing Time-Stamps

The present document specifies policy and security requirements relating to the operation and management practices of TSPs issuing time-stamps. These policy requirements are applicable to TSPs issuing time-stamps. Such time-stamps can be used in support of digital signatures or for any application requiring to prove that a datum existed before a particular time. The present document can be used by independent bodies as the basis for confirming that a TSP can be trusted for issuing time-stamps. The present document does not specify protocols used to access the TSUs. NOTE 1: A time-stamping protocol is defined in IETF RFC 3161 [i.2] including optional update in IETF RFC 5816 and profiled in ETSI EN 319 422. 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 2: See ETSI EN 319 403-1 [i.9] for guidance on assessment of TSP's processes and services. NOTE 3: The present document references ETSI EN 319 401 for general policy requirements common to all classes of TSP's services.

Keel: en
Alusdokumendid: Draft ETSI EN 319 421 V1.3.0

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN IEC 60153-2:2024

Hollow metallic waveguides - Part 2: Relevant specifications for ordinary rectangular waveguides

This part of the IEC 60153 series of standards specifies straight hollow metallic tubing1 of ordinary rectangular cross-section for use as waveguides in radio frequency electrical applications. The principal cross-section for such tubing is shown in Figure 1 together with its defining geometrical dimensions: a (inside width), b (inside height), r (inside corner radius), t (wall thickness), a1 (outside width), b1 (outside height), and r1 (outside corner radius). The dimensions shown in Figure 1 are also defined elsewhere in this standard. The term “ordinary rectangular waveguide” in the title of this standard refers to rectangular waveguides with a b-to-a ratio of 1:2 (or slightly less). The objective of this standard is to specify for hollow metallic waveguides: a) the details necessary to ensure compatibility and, as far as essential, interchangeability; b) test methods; c) uniform requirements for the electrical and mechanical properties. No recommendations are made for the materials to be used for waveguides. The choice of materials is to be agreed between the customer and the manufacturer. This standard shall be read in conjunction with IEC 60153-1, which gives general requirements and test methods.

Keel: en
Alusdokumendid: 46F/686/CDV; prEN IEC 60153-2:2024
Asendab dokumenti: EVS-EN 60153-2:2016

Asendab dokumenti: EVS-EN 60153-2:2016/AC:2017

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN IEC 60966-2-8:2025

Radio frequency and coaxial cable assemblies - Part 2-8: Detail specification for cable assemblies for radio and TV receivers - Frequency range up to 3000 MHz, screening class A++, IEC 61169-47 connectors

This part of IEC 60966 is a detail specification that applies to cable assemblies with F-Quick connectors (see IEC 61169-47) and requires quad-shield screening class A++ (see IEC 61196-6-5). This detail specification applies to the cable assemblies for radio and TV receivers.

Keel: en
Alusdokumendid: 46/1023/CDV; prEN IEC 60966-2-8:2025
Asendab dokumenti: EVS-EN IEC 60966-2-8:2022

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN IEC 61000-4-29:2025

Electromagnetic compatibility (EMC) - Part 4-29: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations on d.c. input power port immunity tests

This part of IEC 61000 defines test methods for immunity to voltage dips, short interruptions and voltage variations at the d.c. input power port of electrical or electronic equipment. This standard is applicable to low voltage d.c. power ports of equipment supplied by external d.c. networks. The object of this standard is to establish a common and reproducible basis for testing electrical and electronic equipment when subjected to voltage dips, short interruptions or voltage variations on d.c. input power ports. This standard defines: – the range of test levels; – the test generator; – the test set-up; – the test procedure. The test described hereinafter applies to electrical and electronic equipment and systems. It also applies to modules or subsystems whenever the EUT (equipment under test) rated power is greater than the test generator capacity specified in clause 6. The ripple at the d.c. input power port is not included in the scope of this part of IEC 61000. It is covered by IEC 61000-4-17 1) This standard does not specify the tests to be applied to particular apparatus or systems. Its main aim is to give a general basic reference to IEC product committees. These product committees (or users and manufacturers of equipment) remain responsible for the appropriate choice of the tests and the severity level to be applied to their equipment.

Keel: en
Alusdokumendid: 77A/1231/CDV; prEN IEC 61000-4-29:2025
Asendab dokumenti: EVS-EN 61000-4-29:2002

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN IEC 61757:2025

Fibre optic sensors - Generic specification

This document defines, classifies, and provides a framework of generic tests or measurement methods for characterizing and specifying fibre optic sensors, including their specific components and subassemblies. The requirements of this document apply to all related fibre optic sensor standards that are part of the IEC 61757 series. Other parts of the IEC 61757 series contain requirements that are specific to sensors that measure particular quantities, and to a particular style or variant of such a fibre optic sensor.

Keel: en
Alusdokumendid: 86C/1952/CDV; prEN IEC 61757:2025
Asendab dokumenti: EVS-EN IEC 61757:2018

Arvamusküsitluse lõppkuupäev: 15.03.2025

35 INFOTEHNOLOOGIA

prEN IEC 62056-8-11:2025

Electricity metering data exchange - The DLMS/COSEM suite - Part 8-11: Communication profile for Wi-SUN field area mesh networks

This standard specifies how the DLMS/COSEM application layer can be used over a Wi-SUN FAN radio mesh network.

Keel: en
Alusdokumendid: 13/1932/CDV; prEN IEC 62056-8-11:2025

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN IEC 62264-2:2024

Enterprise-control system integration - Part 2: Object and attributes for enterprise-control system integration

This standard specifies interface content exchanged between manufacturing control functions and other enterprise functions as interrelated information models. The information models are represented as an interrelated collection of conceptual object models which can be used for the implementation of applications with logical data and physical data models. The data exchanges in interfaces are scoped as between Level 3 manufacturing operations and Level 4 business systems in the hierarchical model defined in IEC 62264-1. The standard’s goal is to reduce the risk, cost, and errors associated with implementing the interfaces.

Since this standard's scope covers many manufacturing operations and enterprise domains and there are many different standards for those domains, the semantics of this data exchange standard are described at a conceptual level intended to enable the other standards to be mapped to these semantics. To this end, this standard defines a set of elements contained in the generic interface, together with a mechanism for extending the interface content for implementations. The scope is limited to the definition of object models and attributes of the exchanged information defined in the IEC 62264-1 standard.

Keel: en
Alusdokumendid: 65E/1147/CDV; prEN IEC 62264-2:2024
Asendab dokumenti: EVS-EN 62264-2:2013

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN ISO 18166
Numerical welding simulation - Execution and documentation (ISO/DIS 18166:2025)

ISO/TS 18166:2016 provides a workflow for the execution, validation, verification and documentation of a numerical welding simulation within the field of computational welding mechanics (CWM). As such, it primarily addresses thermal and mechanical finite element analysis (FEA) of the fusion welding (see ISO/TR 25901:2007, 2.165) of metal parts and fabrications. CWM is a broad and growing area of engineering analysis. ISO/TS 18166:2016 covers the following aspects and results of CWM, excluding simulation of the process itself: - heat flow during the analysis of one or more passes; - thermal expansion as a result of the heat flow; - thermal stresses; - development of inelastic strains; - effect of temperature on material properties; - predictions of residual stress distributions; - predictions of welding distortion. ISO/TS 18166:2016 refers to the following physical effects, but these are not covered in depth: - physics of the heat source (e.g. laser or welding arc); - physics of the melt pool (and key hole for power beam welds); - creation and retention of non-equilibrium solid phases; - solution and precipitation of second phase particles; - effect of microstructure on material properties. The guidance given by this Technical Specification has not been prepared for use in a specific industry. CWM can be beneficial in design and assessment of a wide range of components. It is anticipated that it will enable industrial bodies or companies to define required levels of CWM for specific applications. This Technical Specification is independent of the software and implementation, and therefore is not restricted to FEA, or to any particular industry. It provides a consistent framework for-primary aspects of the commonly adopted methods and goals of CWM (including validation and verification to allow an objective judgment of simulation results). Through presentation and description of the minimal required aspects of a complete numerical welding simulation, an introduction to computational welding mechanics (CWM) is also provided. (Examples are provided to illustrate the application of this Technical Specification, which can further aid those interested in developing CWM competency). Clause 4 of this Technical Specification provides more detailed information relating to the generally valid simulation structure and to the corresponding application. Clause 5 refers to corresponding parts of this Technical Specification in which the structure for the respective application cases is put in concrete terms and examples are given. Annex A presents a documentation template to promote the consistency of the reported simulation results.

Keel: en
Alusdokumendid: ISO/DIS 18166; prEN ISO 18166
Asendab dokumenti: CEN ISO/TS 18166:2016

Arvamusküsitluse lõppkuupäev: 15.03.2025

43 MAANTEESÕIDUKITE EHITUS

prEN 13807
Transportable gas cylinders - Battery vehicles and multiple-element gas containers (MEGCs) - Design, manufacture, identification and testing

This document specifies the requirements for the design, manufacture, identification and testing of battery vehicles and multiple-element gas containers (MEGCs) containing cylinders, tubes, or bundles of cylinders. This document applies also to battery vehicles and MEGCs containing bundles of cylinders connected by a manifold which are dis-assembled from the battery vehicle and filled individually. It is applicable to battery vehicles and MEGCs containing compressed gas, liquefied gas, and mixtures thereof. It is also applicable to battery vehicles for dissolved acetylene. This document is not applicable to battery vehicles and MEGC for toxic gases with an LC50 value less than or equal to 200 ml/m3. This document does not apply to battery vehicles and MEGCs containing pressure drums or tanks. This document does not specify requirements for the vehicle chassis or motive unit. This document is primarily intended for industrial gases other than Liquefied Petroleum Gases (LPG).

Keel: en
Alusdokumendid: prEN 13807
Asendab dokumenti: EVS-EN 13807:2017

Arvamusküsitluse lõppkuupäev: 15.03.2025

45 RAUDTEETEHNIKA

prEN 16432-4
Railway applications - Ballastless track systems - Part 4: Special ballastless track systems for attenuation of vibration

This part of EN 16432 series specifies how to integrate the particular aspects of ballastless track systems for attenuation of vibration into the system and subsystem design and component configuration according to EN 16432-2:2017. The general system and subsystem design requirements are assigned from EN 16432-1:2017. Additional noise and vibration requirements can be project specific and are not provided by this document. Acoustic requirements are considered as input for the track design from the acoustic design. The acoustic design and the track design affect each other and may require an iterative overall design process. The range of applicability covers all kind of rail systems including Urban Rail systems.

Keel: en
Alusdokumendid: prEN 16432-4

Arvamusküsitluse lõppkuupäev: 15.03.2025

53 TÕSTE- JA TEISALDUS-SEADMED

prEN 1570-2

Safety requirements for lifting tables - Part 2: Lifting tables serving more than 2 fixed landings of a building, for lifting goods with a vertical travel speed not exceeding 0,15 m/s

1.1 This document specifies the safety requirements for lifting tables which fulfil the following characteristics: - serving more than 2 fixed landings, and - having a vertical travel speed of no more than 0,15 m/s, unless safe by position, and - raising or lowering goods and not person(s), and - only accessible to persons during the loading/unloading phases, and - permanently installed. 1.2 This document does not apply to the following equipment: - permanently installed lifting tables, serving specific levels of a construction, with a vertical travel speed exceeding 0,15 m/s (EN 81-31); - lifting tables serving not more than two fixed landings of a construction (EN 1570-1); - lifting tables, serving more than 2 fixed landings of a construction for lifting operators, with a vertical travel speed not exceeding 0,15 m/s; - lifting tables carrying operators and installed in enclosures with a vertical travel speed not exceeding 0,15 m/s; - lifting tables used on ships; - lifting tables designed for artists and stage set features during artistic performances. 1.3 This document does not consider the additional requirements for: - electromagnetic compatibility; - operation in severe conditions (e.g. strong magnetic fields); - operation subject to special rules (e.g. potentially explosive atmospheres, mines); - handling of loads, the nature of which could lead to dangerous situations (e.g. molten metal, acids, radiating materials, particularly brittle loads, loose loads (gravel, tubes)); - hazards occurring during construction, transportation, and disposal; - equipment installed on the load platform or the replacing or maintaining of it; - integration into broader systems or other machines, etc.; - cable-less controls, i.e. wireless; - lifting tables where the hydraulic pressure is derived directly from gas pressure; - lifting tables powered by internal combustion engines. This document is not applicable to lifting tables manufactured before the date of its publication.

Keel: en
Alusdokumendid: prEN 1570-2
Asendab dokumenti: EVS-EN 1570-2:2016

Arvamusküsitluse lõppkuupäev: 15.03.2025

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 17232

Leather - Physical and mechanical tests - Determination of heat resistance of patent leather (ISO/DIS 17232:2025)

ISO 17232 specifies two methods for determining the heat resistance of patent leather. Method A makes use of a modified lastometer, while Method B uses the "Zwik" apparatus. Both methods are applicable to patent leathers for all end uses.

Keel: en
Alusdokumendid: ISO/DIS 17232; prEN ISO 17232
Asendab dokumenti: EVS-EN ISO 17232:2017

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN ISO 3377-2

Leather - Physical and mechanical tests - Determination of tear load - Part 2: Double edge tear (ISO/DIS 3377-2:2025)

ISO 3377-2 specifies a method for determining the tear strength of leather using a double edged tear. The method is sometimes described as the Baumann tear. It is applicable to all types of leather.

Keel: en
Alusdokumendid: ISO/DIS 3377-2; prEN ISO 3377-2
Asendab dokumenti: EVS-EN ISO 3377-2:2016

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN ISO 5403-1

Leather - Determination of water resistance of flexible leather - Part 1: Repeated linear compression (penetrometer) (ISO/DIS 5403-1:2025)

ISO 5403-1 specifies a method for determining the dynamic water resistance of leather by means of repeated linear compression. It is applicable to all flexible leathers but is particularly suitable for leathers intended for footwear applications.

Keel: en
Alusdokumendid: ISO/DIS 5403-1; prEN ISO 5403-1
Asendab dokumenti: EVS-EN ISO 5403-1:2011

Arvamusküsitluse lõppkuupäev: 15.03.2025

75 NAFTA JA NAFTATEHNOLOOGIA

prEVS-ISO 4266-3

Toornafta ja vedelad naftatooted. Vedelikutaseme ja temperatuuri automaatne mõõtmine mahutites. Osa 3: Vedelikutaseme mõõtmine survestatud mahutites (v.a külmikmahutid)
Petroleum and liquid petroleum products — Measurement of level and temperature in storage tanks by automatic methods — Part 3: Measurement of level in pressurized storage tanks (non-refrigerated)

See dokument annab juhised survestatud mahutites vähem kui 4 MPa aururõhuga toornafta ja naftasaaduste vedelikutaseme mõõtmisel kasutatavate, nii kontaktset kui ka kontaktivaba tüüpi automaatsete nivoomõõturite (automatic level gauges - ALG) täpsuse, paigaldamise, kasutuselevõtu, kalibreerimise ja nõuetele vastavuse kontrolli kohta. See dokument annab juhised ALG-de kasutamiseks omandiõiguse üleandmise aluseks olevates rakendustes. See dokument ei ole rakendatav ALG-ga vedelikutaseme mõõtmisel külmikmahutites ja maa-alustes koobasmahutites.

Keel: en
Alusdokumendid: ISO 4266-3:2024
Asendab dokumenti: EVS-ISO 4266-3:2007

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEVS-ISO 4266-6

Toornafta ja vedelad naftatooted. Vedelikutaseme ja temperatuuri automaatne mõõtmine mahutites. Osa 6: Temperatuuri mõõtmine survestatud mahutites (v.a külmikmahutid)
Petroleum and liquid petroleum products — Measurement of level and temperature in storage tanks by automatic methods — Part 6: Measurement of temperature in pressurized storage tanks (non-refrigerated)

See dokument annab juhised survestatud mahutites hoiustatava toornafta ja naftasaaduste temperatuuri mõõtmisel fiskaal-/omandiõiguse üleandmise aluseks olevates rakendustes kasutatavate automaatsete mahuti termomeetrite (automatic tank thermometers − ATT) valiku, täpsuse, paigaldamise, kasutuselevõtu, kalibreerimise ja nõuetele vastavuse kontrolli kohta. See dokument ei ole rakendatav temperatuuri mõõtmisel maa-alustes koobasmahutites ja külmikmahutites.

Keel: en
Alusdokumendid: ISO 4266-6:2024
Asendab dokumenti: EVS-ISO 4266-6:2007

Arvamusküsitluse lõppkuupäev: 15.03.2025

77 METALLURGIA

prEN 10253-1

Butt-welding pipe fittings - Part 1: Wrought carbon steel for general use and without specific inspection requirements

This document specifies the technical delivery requirements for seamless and welded butt-welding fittings (elbows, concentric and eccentric reducers, equal and reducing tees, caps) made of wrought carbon steel without specific inspection requirements. It specifies: a) steel grade and its chemical compositions; b) mechanical properties; c) dimensions and tolerances; d) requirements for inspection and testing; e) inspection documents; f) marking; g) protection and packaging.

Keel: en
Alusdokumendid: prEN 10253-1
Asendab dokumenti: EVS-EN 10253-1:2000

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN 10253-3

Butt-welding pipe fittings - Part 3: Wrought austenitic and austenitic-ferritic (duplex) stainless steels without specific inspection requirements

This document specifies the technical delivery requirements for seamless and welded butt-welding fittings (elbows, concentric and eccentric reducers, equal and reducing tees, caps) made of austenitic and austenitic-ferritic (duplex) stainless steel without specific inspection requirements. This document specifies: - steel grades and their chemical compositions; - mechanical properties; - dimensions and tolerances; - requirements for inspection and testing; - inspection documents; - marking; - handling and packaging.

Keel: en
Alusdokumendid: prEN 10253-3
Asendab dokumenti: EVS-EN 10253-3:2009

Arvamusküsitluse lõppkuupäev: 15.03.2025

83 KUMMI- JA PLASTITÖÖSTUS

prEN ISO 1158
Plastics - Vinyl chloride homopolymers and copolymers - Determination of chlorine content (ISO/DIS 1158:2025)

This document specifies two methods for the determination of the chlorine content of homopolymers and copolymers of vinyl chloride, free from plasticizers or additives, namely: — method A (combustion in a bomb); — method B (combustion in a flask). This document is also applicable as a reference method for the determination of chlorine content in other chlorine-containing polymers(such as chlorinated polyvinyl chloride, polyvinyl chloride, chlorinated polyethylene and Vinyl chloride-vinyl acetate) without plasticizers and additives.

Keel: en
Alusdokumendid: ISO/DIS 1158; prEN ISO 1158
Asendab dokumenti: EVS-EN ISO 1158:2000

Arvamusküsitluse lõppkuupäev: 15.03.2025

91 EHITUSMATERJALID JA EHITUS

prEN 1364-4
Fire resistance tests for non-loadbearing elements - Part 4: Curtain walling - Part configuration

This document specifies a method for determining the fire resistance of parts of curtain walling and of the perimeter seal. It examines the fire resistance to internal and external fire exposure of: - the spandrel panel, i.e. downstand, upstand or a combination thereof; - the perimeter seal; - the fixing of the framing system (anchoring) used to attach the curtain walling to the floor element; - combinations thereof. NOTE 1 This document does not test fire spread that can be caused through cavities in the test specimen, i.e., inside of the mullions (see note to 9.1.2.3.3). Results from tests according to this document form the basis for classification of curtain walling type A (see 3.3 for definition). For curtain walling type B (see 3.4 for definition) results can be used to determine fire resistance of parts of a curtain walling to increase the field of application when previously tested to EN 1364-3. For intended classification EW and for corner/faceted specimens EN 1364-3 can be used. This document does not cover double skin façades, over-cladding systems and ventilated façade systems on external walls. It does not deal with the reaction to fire behaviour of curtain walling. This document is intended to be read in conjunction with EN 1363-1 and EN 1363-2 as well as EN 1364-3 for curtain walling type B. As per the type of curtain walling covered by this document, these are the ones included in EN 13119. NOTE 2 Annex A gives informative guidance on the principles of testing parts of curtain walling and the test method. NOTE 3 When tests are made to examine single elements (e.g. perimeter seal), those elements are to be installed as part of a curtain walling system.

Keel: en
Alusdokumendid: prEN 1364-4
Asendab dokumenti: EVS-EN 1364-4:2014

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN 15665
Ventilation for buildings - Ventilation systems in residential buildings - Design

This document provides guidance for the design of ventilation systems for basic ventilation in residential buildings to achieve an acceptable indoor air quality. It gives two approaches: - prescriptive approach; - performance-based approach. This document establishes guidelines for the usage of both the prescriptive and performance-based approaches. This document specifies performance indicators that can be used with the performance-based approach. This document partly covers intensive ventilation for indoor air quality purposes. This document concerns residential buildings but primarily focuses on dwellings (flats, apartments, and houses) and is also applicable to parts of other types of residential buildings. This document is applicable to, but not limited to: - mechanical ventilation; - natural ventilation; - hybrid ventilation. This document does not apply to: - dilution of tobacco smoke or radon and other soil gases; - ventilation of garages, roof voids, sub-floor voids, wall cavities and other spaces in the structure, under, over or around the living space; - providing air for combustion appliances; - air cleaning (e.g. portable stand-alone air cleaners to clean the indoor air); - air humidification or de-humidification; - thermal comfort in regard to overheating aspects. This document does not deal with the assessment of energy performance of buildings.

Keel: en
Alusdokumendid: prEN 15665
Asendab dokumenti: CEN/TR 14788:2006
Asendab dokumenti: EVS-EN 15665:2009

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN 18136
Ground limestone for concrete - Definition, specifications and conformity criteria

This document is applicable to ground limestone intended to be used as concrete addition, and for use in mortar and grouts. The document specifies requirements for the chemical and physical properties as well as quality control procedures for ground limestone, for use as an addition for production of concrete conforming to EN 206. This document does not specify provisions for the practical application of ground limestone in the production of concrete.

Keel: en
Alusdokumendid: prEN 18136

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN ISO 11300-1

Piping systems for rehabilitation of underground drains, sewers and water supply networks - Part 1: Polyethylene (PE) material (ISO/DIS 11300-1:2025)

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation and trenchless replacement of underground non-pressure and pressure drainage and sewerage networks and water supply networks, which transport water intended for human consumption, including raw water pipelines. It is applicable to polyethylene (PE) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline. It is applicable to technique families for renovation: — lining with continuous pipes; — lining with close-fit pipes; and technique families for trenchless replacement: — pipe bursting and pipe extraction; — horizontal directional drilling and impact moling. and intended to be used at an operating temperature of 20 °C as the reference temperature. NOTE For applications operating at constant temperatures greater than 20 °C and up to 40 °C, see ISO 4427 1:2019, Annex A. When used with lining with continuous pipes, lining with close-fit pipes and trenchless replacement technique families, this document is applicable to: PE solid wall single layered pipes, (nominal outside diameter, dn), including any identification stripes; PE pipes with co-extruded layers on either or both the outside and inside of the pipe (total outside diameter, dn), as specified in Annex E, where all layers have the same MRS rating. Furthermore, when used with lining with continuous pipes and trenchless replacement this document is applicable to: — PE coated pipes (outside diameter, dn) having a peelable, contiguous, thermoplastics additional layer on the outside of the pipe (“coated pipe”), as specified in Annex E. This document is applicable to jointing by means of butt fusion and electrofusion and to fabricated and injection-moulded fittings and mechanical connections of PE.

Keel: en
Alusdokumendid: ISO/DIS 11300-1; prEN ISO 11300-1
Asendab dokumenti: EVS-EN ISO 11296-1:2018
Asendab dokumenti: EVS-EN ISO 11296-2:2018
Asendab dokumenti: EVS-EN ISO 11296-3:2018
Asendab dokumenti: EVS-EN ISO 11297-1:2018
Asendab dokumenti: EVS-EN ISO 11297-2:2018
Asendab dokumenti: EVS-EN ISO 11297-3:2018
Asendab dokumenti: EVS-EN ISO 11298-1:2018
Asendab dokumenti: EVS-EN ISO 11298-2:2018
Asendab dokumenti: EVS-EN ISO 11298-3:2018
Asendab dokumenti: EVS-EN ISO 21225-1:2018
Asendab dokumenti: EVS-EN ISO 21225-2:2018

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN ISO 11300-2

Piping systems for rehabilitation of underground drains, sewers and water supply networks- Part 2: Thermoset composite materials (ISO/DIS 11300-2:2025)

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation of underground non-pressure and pressure drainage and sewerage networks, and of water supply networks which transport water intended for human consumption, including raw water intake pipelines. It is applicable to the renovation technique family: — lining with cured-in-place pipes (CIPP). It applies to the use of thermoset composite materials with various thermosetting resin systems, in combination with compatible fibrous carrier materials, reinforcement, and other process-related plastics components (see 5.1). It is applicable to pipes and fittings, as manufactured, as well as to the installed system, with service temperatures up to 50 °C for drainage and sewerage networks and up to 25°C for water supply networks. For pressurised networks, this document applies to independent (fully structural, class A) and interactive (semi structural, class B) pressure pipe liners, as defined in ISO 11295, which do not rely on adhesion to the existing pipeline. It does not include requirements or test methods for resistance to abrasion, cyclic loading or impact, which are outside the scope of this document.

Keel: en
Alusdokumendid: ISO/DIS 11300-2; prEN ISO 11300-2
Asendab dokumenti: EVS-EN ISO 11296-1:2018
Asendab dokumenti: EVS-EN ISO 11296-4:2018
Asendab dokumenti: EVS-EN ISO 11296-4:2018/A1:2021
Asendab dokumenti: EVS-EN ISO 11297-1:2018
Asendab dokumenti: EVS-EN ISO 11297-4:2018
Asendab dokumenti: EVS-EN ISO 11298-1:2018
Asendab dokumenti: EVS-EN ISO 11298-4:2021

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN ISO 11300-3

Piping systems for rehabilitation of underground drains, sewers and water supply networks - Part 3: Unplasticized poly (vinyl chloride) (PVC-U) material (ISO/DIS 11300-3:2025)

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation of underground non-pressure drainage and sewerage networks. It is applicable to unplasticized poly (vinyl chloride) (PVC-U) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline. It is applicable to technique families for renovation: — lining with close-fit pipes.

Keel: en
Alusdokumendid: ISO/DIS 11300-3; prEN ISO 11300-3
Asendab dokumenti: EVS-EN ISO 11296-1:2018
Asendab dokumenti: EVS-EN ISO 11296-3:2018

Arvamusküsitluse lõppkuupäev: 15.03.2025

93 RAJATISED

prEN 12697-13
Bituminous mixtures - Test methods - Part 13: Temperature measurement

This document describes a test method for measuring the temperature of asphalt mixtures after mixing and during storage, transportation and laying. This document includes the contact temperature-measuring device and the non-contact temperature-measuring device (infrared-thermometer). In cases of dispute, the refence method shall be using the contact temperature measuring device.

Keel: en
Alusdokumendid: prEN 12697-13
Asendab dokumenti: EVS-EN 12697-13:2017

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN 14587-3
Railway applications - Infrastructure - Flash butt welding of rails - Part 3: Welding in association with crossing construction

This document specifies requirements for the approval of a welding process in a fixed plant, together with the requirements for subsequent welding production. This document applies to new Vignole rails manufactured in accordance to EN 13674-1 and welded by flash butt welding to crossing components in a fixed plant, and intended for use on railway infrastructures. This document applies to cast Manganese crossings manufactured to EN 15689, fabricated crossings manufactured from rail and crossings manufactured from forged/rolled premium steels. NOTE EN 14587-1 is also used for the flashed butt welding of switches. Sometimes special profiles exist in crossing construction, which are not rail profiles as defined in EN 13674 series (example: profile with machined off rail foot). In these cases, tests are defined by the railway authority in participation with the manufacturer.

Keel: en
Alusdokumendid: prEN 14587-3
Asendab dokumenti: EVS-EN 14587-3:2012

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN 18146
Railway applications - Infrastructure - Machines without rail wheels, and associated equipment, intended for work on railway infrastructure - Technical and safety requirements for working

1.1 General This document specifies the requirements for machines and associated equipment, without rail-wheels, designed and intended for work on railway infrastructure, henceforward referred to as ‘MWR’. This document also covers MWR intended for use on urban rail infrastructure. The types of MWR covered by this document also include: - MWR with power driven mechanisms; - MWR with manually driven mechanisms; - hand held machines (with ability to attach to track). NOTE 1 Railway maintenance and infrastructure inspection machines fitted with rail-wheels are dealt with in other European standards, see CEN/TR 17498:2020. This document specifies the requirements to deal with the common hazards during transport, assembly and installation, commissioning, working, including setting up, programming, and process changeover, operation, cleaning, fault finding, maintenance and decommissioning of MWR and associated equipment when they are used as intended and under conditions of misuse which are reasonably foreseeable. The requirements set out in this document are intended to control the hazards associated with the engineering aspects of MWR. NOTE 2 It is anticipated that a safe system of work (see EN 16704-1:2017) will additionally be required. NOTE 3 It is anticipated that the manufacturer of the MWR will comply with the Machinery Directive/Machinery Regulations. 1.2 Validity of this document This document applies to all machines, which are ordered one year after the publication date by CEN of this document. 1.3 Additional application of this document Infrastructure managers could use this document for certain aspects of a machine that has not been designed specifically for use in a railway environment where the design of these aspects assumes an additional safety relevance when used in a railway environment.

Keel: en
Alusdokumendid: prEN 18146

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN ISO 11300-1
Piping systems for rehabilitation of underground drains, sewers and water supply networks - Part 1: Polyethylene (PE) material (ISO/DIS 11300-1:2025)

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation and trenchless replacement of underground non-pressure and pressure drainage and sewerage networks and water supply networks, which transport water intended for human consumption, including raw water pipelines. It is applicable to polyethylene (PE) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline. It is applicable to technique families for renovation: — lining with continuous pipes; — lining with close-fit pipes; and technique families for trenchless replacement: — pipe bursting and pipe extraction; — horizontal directional drilling and impact moling. and intended to be used at an operating temperature of 20 °C as the reference temperature. NOTE For applications operating at constant temperatures greater than 20 °C and up to 40 °C, see ISO 4427 1:2019, Annex A. When used with lining with continuous pipes, lining with close-fit pipes and trenchless replacement technique families, this document is applicable to: PE solid wall single layered pipes, (nominal outside diameter, dn), including any identification stripes; PE pipes with co-extruded layers on either or both the outside and inside of the pipe (total outside diameter, dn), as specified in Annex E, where all layers have the same MRS rating. Furthermore, when used with lining with continuous pipes and trenchless replacement this document is applicable to: — PE coated pipes (outside diameter, dn) having a peelable, contiguous, thermoplastics additional layer on the outside of the pipe

(“coated pipe”), as specified in Annex E. This document is applicable to jointing by means of butt fusion and electrofusion and to fabricated and injection-moulded fittings and mechanical connections of PE.

Keel: en
Alusdokumendid: ISO/DIS 11300-1; prEN ISO 11300-1
Asendab dokumenti: EVS-EN ISO 11296-1:2018
Asendab dokumenti: EVS-EN ISO 11296-2:2018
Asendab dokumenti: EVS-EN ISO 11296-3:2018
Asendab dokumenti: EVS-EN ISO 11297-1:2018
Asendab dokumenti: EVS-EN ISO 11297-2:2018
Asendab dokumenti: EVS-EN ISO 11297-3:2018
Asendab dokumenti: EVS-EN ISO 11298-1:2018
Asendab dokumenti: EVS-EN ISO 11298-2:2018
Asendab dokumenti: EVS-EN ISO 11298-3:2018
Asendab dokumenti: EVS-EN ISO 21225-1:2018
Asendab dokumenti: EVS-EN ISO 21225-2:2018

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN ISO 11300-2

Piping systems for rehabilitation of underground drains, sewers and water supply networks- Part 2: Thermoset composite materials (ISO/DIS 11300-2:2025)

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation of underground non-pressure and pressure drainage and sewerage networks, and of water supply networks which transport water intended for human consumption, including raw water intake pipelines. It is applicable to the renovation technique family: — lining with cured-in-place pipes (CIPP). It applies to the use of thermoset composite materials with various thermosetting resin systems, in combination with compatible fibrous carrier materials, reinforcement, and other process-related plastics components (see 5.1). It is applicable to pipes and fittings, as manufactured, as well as to the installed system, with service temperatures up to 50 °C for drainage and sewerage networks and up to 25°C for water supply networks. For pressurised networks, this document applies to independent (fully structural, class A) and interactive (semi structural, class B) pressure pipe liners, as defined in ISO 11295, which do not rely on adhesion to the existing pipeline. It does not include requirements or test methods for resistance to abrasion, cyclic loading or impact, which are outside the scope of this document.

Keel: en
Alusdokumendid: ISO/DIS 11300-2; prEN ISO 11300-2
Asendab dokumenti: EVS-EN ISO 11296-1:2018
Asendab dokumenti: EVS-EN ISO 11296-4:2018
Asendab dokumenti: EVS-EN ISO 11296-4:2018/A1:2021
Asendab dokumenti: EVS-EN ISO 11297-1:2018
Asendab dokumenti: EVS-EN ISO 11297-4:2018
Asendab dokumenti: EVS-EN ISO 11298-1:2018
Asendab dokumenti: EVS-EN ISO 11298-4:2021

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN ISO 11300-3

Piping systems for rehabilitation of underground drains, sewers and water supply networks - Part 3: Unplasticized poly (vinyl chloride) (PVC-U) material (ISO/DIS 11300-3:2025)

This document specifies requirements and test methods for pipes and fittings which are part of piping systems for the rehabilitation by means of renovation of underground non-pressure drainage and sewerage networks. It is applicable to unplasticized poly (vinyl chloride) (PVC-U) pipes, fittings and assemblies, as manufactured and as installed. It is not applicable to the existing pipeline. It is applicable to technique families for renovation: — lining with close-fit pipes.

Keel: en
Alusdokumendid: ISO/DIS 11300-3; prEN ISO 11300-3
Asendab dokumenti: EVS-EN ISO 11296-1:2018
Asendab dokumenti: EVS-EN ISO 11296-3:2018

Arvamusküsitluse lõppkuupäev: 15.03.2025

97 OLME. MEELELAHUTUS. SPORT

prEN 15312

Free access multi-sports equipment - Safety requirements and test methods

This document is applicable to free access unsupervised multi-sports equipment and combinations intended for permanent installation, primarily used for training, recreational and educational use outdoors. This document specifies requirements for free access unsupervised multi-sports equipment which may incorporate a multi-sports surround, ball stop screen and various equipment for sports such as badminton, basketball, football, futsal, handball, hockey, tennis, and volleyball. This document specifies requirements, including safety, for the equipment itself as well as for its installation, operation, inspection, and maintenance. This document is applicable to multi-sports equipment intended for individual and collective public use primarily by children and teenagers. This document is not applicable to equipment as defined in the following standards: — Playground equipment and surfacing EN 1176 series, — Skateparks EN 14974, — Artificial climbing structures EN 12572 series, — Basketball equipment EN 1270, — Volleyball equipment EN 1271, — Football goals EN 748, — Handball goals EN 749, — Hockey goals EN 750, — Table tennis EN 14468-1 and EN 14468-2, — Tennis equipment EN 1510, — Badminton equipment

EN 1509, — Portable and permanent socketed goals EN 16579, — Lightweight goals EN 16664, — Parkour equipment EN 16899 and — Permanently installed outdoor fitness equipment EN 16630. This document does not deal with beach equipment, the ground surfaces, the local environment, and any feature outside the multi-sports equipment. This document does not include any specific requirements other than for access and egress for disabled users.

Keel: en
Alusdokumendid: prEN 15312
Asendab dokumenti: EVS-EN 15312:2007+A1:2010

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN 16630

Permanently installed outdoor fitness equipment - Safety requirements and test methods

This document specifies general safety requirements for the manufacture, installation, inspection and maintenance of permanently installed, freely accessible outdoor fitness equipment. This document does not cover electrically driven equipment, functional training facilities (typically with unrestrained weights) nor military style obstacle courses with restricted access. The equipment is intended for youths and adults or users having an overall height greater than 1 400 mm to promote fitness by using the equipment to exercise. Equipment covered by this document is not playground equipment for children (EN 1176 series [1]), indoor stationary training equipment (EN ISO 20957 series [2], EN 957 6) or free access multi-sports equipment (EN 15312 [3]) even if it meets the requirements of each of these standards. NOTE In this document "permanently installed outdoor fitness equipment" is simply called "fitness equipment".

Keel: en
Alusdokumendid: prEN 16630
Asendab dokumenti: EVS-EN 16630:2015

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN 16716

Mountaineering equipment - Avalanche airbag systems - Safety requirements and test methods

This document specifies safety requirements and test methods for avalanche airbag systems to reduce the risk of being buried by a snow avalanche. This document does not consider personal protection against impact or cold temperature.

Keel: en
Alusdokumendid: prEN 16716
Asendab dokumenti: EVS-EN 16716:2017

Arvamusküsitluse lõppkuupäev: 15.03.2025

prEN IEC 60730-2-5:2025

Automatic electrical controls - Part 2-5: Particular requirements for automatic electrical burner control systems

This clause of Part 1 is replaced by the following: This document applies to automatic electrical burner control systems for the automatic control of burners for oil, gas, coal or other combustibles intended to be used • for household and similar use, • in shops, offices, hospitals, farms and commercial and industrial applications. NOTE 1 Throughout this document, where it can be used unambiguously, the word "system" means "burner control system" and "systems" means "burner control systems". • for equipment that is used by the public, such as equipment intended to be used in shops, offices, hospitals, farms and commercial and industrial applications; NOTE 2 Throughout this document, the word "equipment" means "appliance and equipment." EXAMPLE 1 Controls for commercial catering, heating and air-conditioning equipment. • that are smart enabled controls; EXAMPLE 2 Remote interfaces/control of burner operations. • that are AC or DC powered controls with a rated voltage not exceeding 690 V AC or 600 V DC; • used in, on, or in association with equipment that use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof; • utilized as part of a control system or controls which are mechanically integral with multifunctional controls having non-electrical outputs; • using NTC or PTC thermistors and to discrete thermistors, requirements for which are contained in Annex J; • that are mechanically or electrically operated, responsive to or controlling such characteristics as temperature, pressure, passage of time, humidity, light, electrostatic effects, flow, or liquid level, current, voltage, acceleration, or combinations thereof; • as well as manual controls when such are electrically and/or mechanically integral with automatic controls. NOTE 3 Requirements for manually actuated mechanical switches not forming part of an automatic control are contained in IEC 61058-1-1.

Keel: en
Alusdokumendid: 72/1460/CDV; prEN IEC 60730-2-5:2025
Asendab dokumenti: EVS-EN 60730-2-5:2015
Asendab dokumenti: EVS-EN 60730-2-5:2015/A1:2019
Asendab dokumenti: EVS-EN 60730-2-5:2015/A2:2021
Asendab dokumenti: EVS-EN 60730-2-5:2015/AC:2023
Asendab dokumenti: EVS-EN 60730-2-5:2015+A1+A2:2021

Arvamusküsitluse lõppkuupäev: 15.03.2025

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.

EVS-EN 15026:2023/prNA

Hygrothermal performance of building components and building elements - Assessment of moisture transfer by numerical simulation. Estonian National Annex

Standardi EVS-EN 15026 rahvuslik lisa, mis kirjeldab siseruumide ääretingimusi elamute projekteerimisel Eestis.

Keel: en

Kommenteerimise lõppkuupäev: 13.02.2025

prEVS-ISO 59010

Ringmajandus. Ärimudelite ja väärtusvõrgustike transformeerimise suunised

See dokument annab juhiseid organisatsioonile, kes soovib transformeerida oma väärtusloome mudeleid ning väärtusvõrgustikke lineaarsetest ringseteks. Dokument on rakendatav igale organisatsioonile, olenemata suurusest, sektorist või piirkonnast.

Keel: et
Alusdokumendid: ISO 59010:2024

Kommenteerimise lõppkuupäev: 13.02.2025

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 812-7:2018

Ehitiste tuleohutus. Osa 7: Ehitisele esitatavad tuleohutusnõuded
Fire safety of constructions - Part 7: Fire safety requirements for the building

See standard annab selgitused ja tüüplahendused standardolukordade lahendamiseks ehituslike tuleohutusnõuete määrusega kehtestatud oluliste tuleohutusnõuete tagamisel ja minimaalse ohutustaseme määratlemisel. Erilahenduste sobivust on endiselt võimalik analüütiliselt tõendada, kui on tagatud oluliste tuleohutusnõuete minimaalne tase. Standard EVS 812-7 ei käsitle põhjalikult ehituslikke nõudeid ehitistele ja tuleohutuspaigaldistele, mis on juba kaetud standardi, tehnilise spetsifikatsiooni või määrusega.

Pikendamisküsitluse lõppkuupäev: 13.02.2025

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 899:2009

Kvantitatiivsed struktuur-aktiivsus analüüsid. Mudelite koostamine ja kasutamine
Quantitative Structure-Activity Analyses. Building and application of models

Käesolev Eesti standard käsitleb ainete struktuuride ja nende omaduste vaheliste seoste analüüsi. Käesolev standard kirjeldab statistilisi ja teoreetilise keemia protseduure analüüsiks valitud uuritava aktiivsuste andmekomplekti kvantitatiivseks seostamiseks vastavate keemiliste ühendite struktuuridega, mida iseloomustatakse teoreetiliste deskriptoritega. Protseduuri tulemusel saadakse statistiline mudel, mis võimaldab ennustada käsitletavat aktiivsust teiste mudeli rakenduvuspiirkonda kuuluvate struktuuride (ainete) jaoks. Käesolev standard käsitleb nii lineaarsete kui mittelineaarsete sõltuvuste analüüsi, andes juhiseid mudelite koostamiseks ning kvaliteedi hindamiseks. Standard on rakendatav bioloogiliste, farmakoloogiliste, füüsikaliste või keemiliste aktiivuste/omaduste analüüsil. Käesolev standard käsitleb ennekõike kolmemõõtmelisi kvantitatiivseid struktuur-aktiivsus sõltuvusi, mille eelduseks on lähtumine kolmemõõtmelistest atomistlikul tasandil struktuuridest, kuid on suures osas rakendatav ka muud tüüpi kvantitatiivsete struktuur-aktiivsus sõltuvuste korral.

Keel: et
Tühistamisküsitluse lõppkuupäev: 13.02.2025

TEADE EUROOPA STANDARDI OLEMASOLUST

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

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

HD 60364-5-52:2011/A1:2025

Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems

Eeldatav avaldamise aeg Eesti standardina 03.2025

EN 13084-1:2025

Free-standing chimneys - Part 1: General requirements

Eeldatav avaldamise aeg Eesti standardina 03.2025

EN 1838:2024

Lighting applications - Emergency lighting for buildings

Eeldatav avaldamise aeg Eesti standardina 03.2025

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.

CEN/TS 18036:2024

Valgus ja valgustus. Hoonete valgustussüsteemide kasutuselevõtt
Light and lighting - Commissioning of lighting systems in buildings

See dokument määratleb nõuded valgustussüsteemide kasutuselevõtule, et need vastaksid projekteerimisnõuetele. See dokument esitab valgustussüsteemide kasutuselevõtu üksikasjad, kuid ei keskendu süsteemi komponentide tehnilistele omadustele. Seda dokumenti saab rakendada uute või renoveeritavate mitteeluhoonete ja korterelamute avalike ruumide paigaldistes. See dokument ei hõlma valgustussüsteemi komponentide elektriühenduste aspekte, mis on ette nähtud olema vastavad asjakohaste õigusaktide või standarditega. See dokument ei kohaldu hädavalgustuse kasutuselevõtule.

EVS-EN 10216-2:2025

Surveotstarbelised õmblusteta terastorud. Tehnilised tarnetingimused. Osa 2: Süsinik- ja legeerterasest torud, millel on kindlaksmääratud omadused kõrgendatud temperatuuril
Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties

See dokument määratleb süsinikterasest ja legeeritud terasest valmistatud ümmarguse ristlõikega õmblusteta torude tehnilised tarnetingimused kahes katsekategoorias. Standardi EN 10216 seda osa rakendatakse ka mitteümmarguse ristlõikega torudele, vajalikud muudatused lepitakse kokku päringu ja tellimuse ajal.

EVS-EN 12255-13:2023

Reoveepuhastid. Osa 13: Keemiline puhastamine. Reovee puhastamine sadestamise ja flokulatsiooni teel
Wastewater treatment plants - Part 13: Chemical treatment - Treatment of wastewater by precipitation/flocculation

See dokument määratleb nõuded reovee keemilisele puhastamisele fosforist ja heljumist sadestamise ja flokulatsiooni teel. Polümeeride kasutamist dokumendis ei kirjeldata. Dokumendis ei ole püütud määratleda kõiki olemasolevaid meetodeid. MÄRKUS Keemiline puhastamine võib toimuda koos esimese ja sagedamini koos teise astme puhastusega, kuid seda võib läbi viia ka eraldiseisva kolmanda astme puhastusena, tavaliselt koos filtreerimisega (vt EN 12255-16). Keemiline puhastamine võib anda potentsiaalse panuse ringmajandusse selliste materjalide nagu fosfori taaskasutusele võtmise kaudu reoveest või reoveesettest.

EVS-EN 12697-16:2025

Asfaltsegud. Katsemeetodid. Osa 16: Vastupidavus naastrehvide toimele
Bituminous mixtures - Test methods - Part 16: Abrasion by studded tyres

See dokument täpsustab kaht katsemeetodit (meetod A ja meetod B) naastrehvide tekitatava kulumise määramiseks, katsetades silindrilisi asfaltsegude proovikehasid. Katsemeetodid on rakendatavad asfaltsegudele, mille ülemine teramõõde ei ületa 22 mm. Katsed on rakendatavad laboratoorselt valmistatud proovikehadele või katendist või plaadist puuritud puurproovidele. MÄRKUS 1 Meetod A pärineb „Prall“-meetodist, mida on laiaulatusliku Põhjamaades teostatud uurimustöö alusel täiustatud. Teebituumeni kasutamise korral korreleerub meetod teel kulumisega. Põhjamaade kogemustele tuginedes ei ole meetodi A laboratoorse kulumise ja teel toimuva kulumise seoseid polümeermodifitseeritud bituumeni või kummiga modifitseeritud bituumeni vms kasutamise korral kindlaks tehtud. MÄRKUS 2 Meetod B põhineb Soome kogemustel ja on sobilik ka siis, kui kasutatakse polümeermodifitseeritud bituumenit. Kummi kasutamise korral ei ole laboratoorse kulumise ja teel toimuva kulumise seoseid kindlaks tehtud.

EVS-EN 12697-2:2025

Asfaltsegud. Katsemeetodid. Osa 2: Terastikulise koostise määramine
Bituminous mixtures - Test methods - Part 2: Determination of particle size distribution

See dokument määratleb asfaltsegude täitematerjalide terastikulise koostise määramise protseduuri sõelumise teel. See katsemeetod on rakendatav täitematerjalidele, mis on saadud sideaine ekstraheerimise järel EN 12697-1 või EN 12697-39 kohaselt. MÄRKUS Katsetulemust mõjutavad kiudmaterjalid, (ekstraheerimise käigus mittelahustuvad) tahked lisandid ja (mõned) sideaine modifikaatorid.

EVS-EN 13232-1:2023

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed laiatallalistele (Vignole`i) rööbastele. Osa 1: Määratlused
Railway applications - Track - Switches and crossings for Vignole rails - Part 1: Definitions

See dokument määratleb heakskiidetud terminoloogia pöörmetele ja ristmetele. Jooniste kaasabil esitatakse eri komponentidele määratlused ja toodud nimetused on kohustuslikud kasutamiseks. Terminid ja määratlused hõlmavad pöörmete ja ristmete põhiosi

ning projekteerimise geomeetriat. Üksikasjalikum, konkreetse valdkonna eriterminoloogia määratletakse standardisarja vastavas osas. Need määratlused esitavad enamkasutatavamad terminid pöörmete ja ristmete geomeetrilise kuju ja ehituse kohta. See dokument kehtib raudteedele, millel kasutatakse laiatallalisi (Vignole'i) tüüpi rööpaid.

EVS-EN 13232-4:2023

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed laiatallalistele (Vignole'i) rööbastele. Osa 4: Käitamine, lukustamine ja tuvastamine
Railway applications - Track - Switches and crossings for Vignole rails - Part 4: Actuation, locking and detection

See standard määratleb liidesed liikuvate osade ja käitamis-, lukustus- ja tuvastusseadmete vahel ning määratleb liikuvate osadega pöörmete ja ristmete põhikriteeriumid eelkirjeldatud liidese vaatepunktist. See käsitleb — liikuvate osade alternatiivsete asendite reegleid, parameetreid ja piirhälbeid; — liikuvaid osi liikuma panevate nende käiku piiravate jõudude kriteeriume ja piiranguid.

EVS-EN 13232-5:2023

Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed laiatallalistele (Vignole'i) rööbastele. Osa 5: Pöörmed
Railway applications - Track - Switches and crossings for Vignole rails - Part 5: Switches

See dokument: — määratleb pöörmete ja nende koostisosade talitluse ning põhilised tüübid; — määratleb pöörmete ja/või nende koostisosade miinimumnõuded tootmiseks; — määrab pöörmete ja nende koostisosade täiskomplektide ning poolkomplektide ülevaatusel kasutatavad tähistused ja piirhälbed; — määratleb paigaldiste piirid ja ulatuse; — esitab pöörmete ja nende osade tuvastamise ja jälgimise meetodite loetelu; — esitab pöörmete kirjeldamiseks erisuguste alternatiivsete meetodite loetelu, kasutades järgmisi parameetreid: — pöörmete geomeetria; — konstruktsiooni tüübid; — talitlusnõuded; — projekteerimiskriteeriumid; — piirhälbed ja kontroll.

EVS-EN 1366-3:2022+A1:2025

Tehnoseadmete tulepüsivuse katsed. Osa 3: Läbiviigutihendid
Fire resistance tests for service installations - Part 3: Penetration seals

Standardisarja EN 1366 see osa määratleb katsemeetodi ja hindamiskriteeriumid (kaasa arvatud katsetulemuste otsese kasutusulatuse), mille põhjal hinnatakse läbiviigutihendi võimet säilitada tulepüsivus läbiviigu asukoha mõjualas, kus tehnoseade või -seadmed läbivad tuletõkketarindit. Standardisarja EN 1366 sellest osast on välja arvatud läbiviigutihendid, mida kasutatakse kamina ümbruse, ventilatsioonisüsteemide, tulepüsivusele hinnatud ventilatsioonikanalite, tulepüsivusele hinnatud tehnoloogiliste kanalite, šahtide ja suitsueemalduskanalite pilude tihendamiseks, ning ühildatud läbiviigutihendid. MÄRKUS EN 15882-5 [6] käsitleb läbiviigutihendeid, sealhulgas kanaleid ja tuletõkesteid. Tugitarindina tähistatakse EN 1366 selles osas tuletõkketarindeid, nagu seinad ja vahelaed. Need simuleerivad vastastikust toimet katseobjekti ja tuletõkketarindi vahel, millesse tihendussüsteem tuleb praktikas paigaldada. See EN 1366 osa on ette nähtud kasutamiseks koos standardiga EN 1363-1. Selles EN 1366 osas toodud katse kirjelduse eesmärgiks on hinnata läbiviigutihendi, läbiviiguks oleva tehnosüsteemi või tehnosüsteemide ning läbiviigutihendit ümbritseva tugitarindi terviklikkust ja isolatsioonivõimet. Katse ei saa anda infot mõju kohta tuletõkketarindi kandevõimele läbiviikude ja läbiviigutihendite lisamise korral. Eeldatakse, et läbiviigutihendi kohal asetseva silluse kandevõime on igakordselt projekteeritud külma ja kuuma tingimustes töötama selliselt, et ta ei kanna läbiviigutihendile täiendavat vertikaalset koormust. Katse eesmärgiks ei ole hinnata kvantitatiivselt suitsu ja/või kuumade gaaside lekkimise taset või suitsu ülekannet või teket. Sellised nähtused on katseprotokollis ära märgitud ainult tähelepanekutena, kirjeldades katseobjekti käitumist katse kestel. Sarja EN 1366 selle osa kohased katsed ei ole mõeldud andma informatsiooni läbiviigutihendi võimest pidada vastu tehnoseadme enda põhjustatud koormustele või liikumisele. Põleva materjali pudenemise tõttu põhjustatud tuleleviku oht allasuunas, näiteks läbi toru alumise korruse põrandale pudenemine, on hetkel dokumendist välja jäetud. EN 1366 selle osa kohased katsed ei hõlma riske, mis tekivad tulekahju tõttu purunenud torustikest ohtlike vedelike või gaaside leketega. EN 1366 selle osa kohased katsed pneumaatiliste edastussüsteemide ja survestatud õhuga torustike jms läbiviigutihenditele simuleerivad olukorda, kus tehnosüsteemid on tulekahju ajal väljalülitatud olekus. Selgitavad märkused katsemeetodile on esitatud lisas H. Kõik siin dokumendis ilma vahemikuta esitatud väärtused on nominaalsed, kui pole täpsustatud teisiti. Kõik esitatud torude läbimõõdud on välisläbimõõdud, kui pole täpsustatud teisiti.

EVS-EN 15940:2023

Mootorikütused. Sünteesi või hüdrogeenimise teel toodetud parafiinne diislikütus. Nõuded ja katsemeetodid
Automotive fuels - Paraffinic diesel fuel from synthesis or hydrotreatment - Requirements and test methods

Selles dokumendis kirjeldatakse nõudeid ja katsemeetodeid sellisena turustatavale ja tarnitavale parafiinsele diislikütusele, mis sisaldab kuni 7,0 mahu% rasvhappe metüülestrit (FAME). Seda saab kasutada diiselmootoris ja parafiinse diislikütusega ühilduvates sõidukites. See määrab kindlaks kaks parafiinse diislikütuse klassi: kõrge tsetaaniarvuga ja tava tsetaaniarvuga. Parafiinne diislikütus pärineb sünteesi- või hüdrotöötlusprotsessidest. MÄRKUS 1 Diiselmootori üldise garantii osas tuleb enne kasutamist konsulteerida sõiduki tootjaga. Autodes kasutatav parafiinne diislikütus võib vajada valideerimisetappi, et kinnitada kütuse sobivust mootoriga, mis mõne olemasoleva mootori puhul võib siiski olla vajalik (vt ka selle dokumendi sissejuhatust). Siiski tuleb märkida, et parafiinne diislikütus on laialdaselt saadaval ja sõidukitootjad on seda alates selle dokumendi esmakordsest avaldamisest üha enam sõidukites kasutamiseks heaks kiitnud. MÄRKUS 2 Selles dokumendis kasutatakse vastavalt tähiseid „% (m/m)“ ja „% (V/V)“, et iseloomustada vastavalt massiosa ja mahuosa. EE MÄRKUS Selles Eesti standardis kasutatakse vastavalt tähiseid „massi%“ ja „mahu%“, et iseloomustada massiosa ja mahuosa.

EVS-EN IEC 61936-2:2023

Tugevvoolupaigaldised nimivahelduvpingega üle 1kV ja alalispingega üle 1,5 kV. Osa 2: Alalispinge
Power installations exceeding 1 kV AC and 1,5 kV DC - Part 2: DC

See standardisarja IEC 61936 osa sätestab sobival kujul üle 1,5 kV nimialalispingega elektrisüsteemide paigaldiste projekteerimise ja ehitamise nõuded, tagamaks nende kasutamise ettenähtud ohutus ja nõuetekohane toimivus. Selle dokumendis mõistetakse alalisvoolupaigaldisena ühte järgmistest: a) muundurjaam või alalisvoolu lülitusalajaam; b) ühessamas paigas asuv(ad) üks (või mitu) alalisvoolu genereerivat või salvestusseadet, nagu päikeseelektrijaamad või akusalvestusseadmed, ning sisaldavad alalisvooluseadmeid ja kaableid koos kogu seotud jõuelektroonika, juhtimisaparatuuri, jaotusseadmete ja kõigi elektriliste abiseadmetega. Eri paikades asuvate alalisvoolu genereerivate või salvestusseadmete vahelised ühendused siia hulka ei kuulu; c) rannikumere platvormide alalisvoolupaigaldised elektrienergia tootmiseks, ülekandmiseks, jaotamiseks ja/või salvestamiseks; d) alalisvoolu üleminekupaigaldis (õhuliinide ja maakaablite vahel, või maakaablite eri sektsioonide vahel). Seda rahvusvahelist standardit ei rakendata järgmiste paigaldiste ja rajatiste projekteerimisel ja ehitamisel: — eri paigaldiste vahelised õhu- ja maa-alused liinid; — elektriraudteed; — kaevandusseadmed ja -paigaldised; — paigaldised laevadel standardisarja IEC 60092 kohaselt ja rannikumere paigaldised standardisarja IEC 61892 kohaselt, mida kasutatakse rannikumere naftatööstuses puurimiseks, töötlemiseks ja ladustamiseks; — elektrostaatilised seadmed (nt elektrostaatilised sadestid, värvipihustid); — katsetamispaigad; — meditsiiniseadmed, nt meditsiinilised röntgenseadmed; — ventiilisaalid või muunduri saalid. Seda standardit ei rakendata pingealustele töödele esitatud nõuetele elektripaigaldistes. Seda standardit ei rakendata tehasetootelistele tüübikatsetatud türistorventiilidele, VSC ventiilidele ja jaotusseadmetele, mille kohta on olemas eraldi IEC standardid.

EVS-EN ISO 6887-1:2017/A1:2025

Toiduahela mikrobioloogia. Katseproovide, algsuspensiooni ja kümnendlahjenduste ettevalmistamine mikrobioloogiliseks uuringuks. Osa 1: Üldeeskirjad algsuspensiooni ja kümnendlahjenduste valmistamiseks. Muudatus 1: Nõuded ja juhised suurema katsekoguse kasutamisel kvalitatiivsete meetodite puhul
Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 1: General rules for the preparation of the initial suspension and decimal dilutions - Amendment 1: Requirements and guidance on the use of larger test portion size for qualitative method (ISO 6887-1:2017/Amd 1:2024)

Standardi EVS-EN ISO 6887-1:2017 muudatus

EVS-EN ISO 6887-1:2017+A1:2025

Toiduahela mikrobioloogia. Katseproovide, algsuspensiooni ja kümnendlahjenduste ettevalmistamine mikrobioloogiliseks uuringuks. Osa 1: Üldeeskirjad algsuspensiooni ja kümnendlahjenduste valmistamiseks
Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 1: General rules for the preparation of the initial suspension and decimal dilutions (ISO 6887-1:2017 + ISO 6887-1:2017/Amd 1:2024)

Selles standardis määratletakse inimtoiduks ja loomasöödaks mõeldud toodete mikrobioloogiliseks uuringuks algsuspensiooni ja lahjenduste aeroobse ettevalmistamise üldeeskirjad. See standard on üldkohaldatav ja muid osi kohaldatakse vastavalt eessõnale konkreetsete tootegruppide suhtes. Mõnda aspekti võidakse kohaldada ka molekulaarsetele meetoditele, mille puhul maatrikseid saab seostada polümeraasi ahelreaktsiooni (PCR) etappide inhibeerimisega, ning seega mõjutavad need katsetulemust. Selles standardis ei käsitleta proovide ettevalmistamist loendamise ja tuvastamise katsemeetodite jaoks, mille puhul valmistamisjuhiseid on kirjeldatud üksikasjalikult rahvusvahelistes eristandardites.

ISO/TR 5911:2023 et

Valgus ja valgustus. Hoonete valgustussüsteemide kasutuselevõtt Tehnilise spetsifikatsiooni ISO/TS 21274 selgitus ja põhjendus
Light and lighting – Commissioning of lighting systems in buildings – Explanation and justification of ISO/TS 21274 (ISO/TR 5911:2023)

See dokument sisaldab teavet, et aidata tehnilist spetsifikatsiooni ISO/TS 21274 õigesti mõista, kasutada ja riiklikult rakendada. See selgitab protseduure ja annab taustteavet. Samuti põhjendatakse tehtud valikuid. See pakub üksikasjalikke näiteid, et selgitada tehnilise spetsifikatsiooni ISO/TS 21274 üldist toimimist.

STANDARDIPEALKIRJADE MUUTMINE

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

Dokumendi tähis	Muudetav pealkiri	Uus pealkiri
EVS-EN 13232-4:2023	Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 4: Käitamine, lukustamine ja tuvastamine	Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed laiatallalistele (Vignole'i) rööbastele. Osa 4: Käitamine, lukustamine ja tuvastamine
EVS-EN 13232-5:2023	Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 5: Pöörmed	Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed laiatallalistele (Vignole'i) rööbastele. Osa 5: Pöörmed

UUED EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
CEN/TS 18036:2024	Light and lighting - Commissioning of lighting systems in buildings	Valgus ja valgustus. Hoonete valgustussüsteemide kasutuselevõtt
EVS-EN 12255-13:2023	Wastewater treatment plants - Part 13: Chemical treatment - Treatment of wastewater by precipitation/flocculation	Reoveepuhastid. Osa 13: Keemiline puhastamine. Reovee puhastamine sadestamise ja flokulatsiooni teel
EVS-EN 13232-1:2023	Railway applications - Track - Switches and crossings for Vignole rails - Part 1: Definitions	Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed laiatallalistele (Vignole`i) rööbastele. Osa 1: Määratlused
EVS-EN 15940:2023	Automotive fuels - Paraffinic diesel fuel from synthesis or hydrotreatment - Requirements and test methods	Mootorikütused. Sünteesi või hüdrogeenimise teel toodetud parafiinne diislikütus. Nõuded ja katsemeetodid
EVS-EN IEC 61936-2:2023	Power installations exceeding 1 kV AC and 1,5 kV DC - Part 2: DC	Tugevvoolupaigaldised nimivahelduvpingega üle 1kV ja alalispingega üle 1,5 kV. Osa 2: Alalispinge