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# **EVS TEATAJA**

Uued Eesti standardid

Standardikavandite arvamusküsitlus

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite tõlked kommenteerimisel

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

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# UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

## 11 TERVISEHOOLDUS

### EVS-EN 60601-2-40:2019

#### Elektrilised meditsiiniseadmed. Osa 2-40: Erinõuded elektromüograafide ja esilekutsutud reaktsiooni seadmestiku ohutusele

#### Medical electrical equipment - Part 2-40: Particular requirements for the basic safety and essential performance of electromyographs and evoked response equipment

Establishes particular requirements for the safety of electromyographs and evoked response equipment as defined in clause 2 of this standard.

Keel: en

Alusdokumendid: IEC 60601-2-40:2016; EN 60601-2-40:2019

Asendab dokumenti: EVS-EN 60601-2-40:2001

## 13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

### EVS-EN 13501-1:2019

#### Ehitustoodete ja -elementide tuleohutusala klassifikatsioon. Osa 1: Klassifikatsioon tuleundlikkuse katsete alusel

#### Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests

See dokument käsitleb kõikide ehitustoodete, sealhulgas ehituselementidega ühendatud toodete tuleundlikkuse klassifikatsiooni, välja arvatud elektri-, juhtimis- ja sidekaablid, mis on hõlmatud standardiga EN 13501-6. Tooteid käsitletakse nende lõpprakenduse alusel. See dokument kehtib kolmele kategooriale, mida käsitletakse selles dokumendis eraldi: — ehitustooded, välja arvatud põrandakatted ja lineaarsed toru soojusisolatsioonitooted; — põrandakatted; — lineaarsed toru soojusisolatsioonitooted. MÄRKUS Ehitustoodete CE-märgistamisel võib kasutada ehitustoodete määruse ((EÜ) 305/2011) kohaselt NPd valikut, kui tuleundlikkust ei deklareerita.

Keel: en, et

Alusdokumendid: EN 13501-1:2018

Asendab dokumenti: EVS-EN 13501-1:2007+A1:2009

## 23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

### EVS-EN IEC 60665:2019

#### A.C. ventilating fans and regulators for household and similar purposes - Methods for measuring performance

This document specifies the performance and the corresponding methods of test of AC ventilating fans for household and similar purposes intended for air forcing and exhaust, driven by single-phase AC motors having a power consumption of less than 125 W (including any associated regulators) for use on single-phase AC circuits not exceeding 250 V. This document applies to ventilating fans such as partition fans for walls and windows and duct fans. NOTE This document does not apply to: - the safety of electric fans for household and similar purposes (IEC 60335-2-80); - the performance of comfort fans (IEC 60879); - range hoods and other cooking fume extractors (IEC 61591); - airborne acoustic noise for fans (IEC 60704-2-7); - electromagnetic compatibility of fans (CISPR 14-1 and CISPR 14-2, IEC 61000-3-2, IEC 61000-3-3).

Keel: en

Alusdokumendid: IEC 60665:2018; EN IEC 60665:2019

## 25 TOOTMISTEHNOLÓGIA

### EVS-EN 1708-2:2019

#### Keevitamine. Põhilised terasest keevisliite detailid. Osa 2: Survevabad komponendid

#### Welding - Basic weld joint details in steel - Part 2: Non internal pressurized components

Selle dokumendi eesmärk on näidata usaldusväärseid ja aktsepteeritud keevisühendusi, mis kohalduvad survevabadele keevitatud komponentidele. See ei edenda ühenduste standardiseerimist, mida võiks pidada kohustuslikuks või arendust mis tahes viisil piiravaks. Vajaduse korral arvestatakse kandevõime, otstarbeks sobivuse (fitness for purposes), väsimuse ja korrosioonipinge nõuetega. See dokument sisaldab näiteid ühendustest, mis on keevitatud järgmiste protsessidega (protsessinumbrid standardi EN ISO 4063 kohaselt): — käsikaarkeevitus (111); — täidistraadiga kaarkeevitus ilma kaitsegaasita (114); — räbustikaarkeevitus (12); — MIG-keevitus; täistraat metallkaarkeevitus inertgaasis (131); — MAG-keevitus; täistraat metallkaarkeevitus aktiivgaasis (135); — MAG-keevitus räbutäidistraadiga; räbutäidistraat metallkaarkeevitus aktiivgaasis (136); — MAG-keevitus metalltäidistraadiga; metalltäidistraat metallkaarkeevitus aktiivgaasis (138); — MIG-keevitus räbutäidistraadiga; räbutäidistraat metallkaarkeevitus aktiivgaasis (132); — MIG-keevitus metalltäidistraadiga; metalltäidistraat metallkaarkeevitus inertgaasis (133); — TIG-keevitus; kaitsegaaskaarkeevitus sulamatu volframelektroodiga (14). Muud protsessid kokkuleppel. Lisanõudeid käsitletakse olemasolevate rakendusstandardite kohaselt.

Keel: en, et  
Alusdokumendid: EN 1708-2:2018  
Asendab dokumenti: EVS-EN 1708-2:2000

## 29 ELEKTROTEHNIKA

### EVS-EN IEC 61058-2-6:2019

#### **Switches for appliances - Part 2-6: Particular requirements for switches used in electric motor-operated hand-held tools, transportable tools and lawn and garden machinery**

Clause 1 of IEC 61058-1:2016 is applicable except as follows. Addition: This part of IEC 61058 is a subset based on IEC 61058-1. The clauses outlined below are intended to address the specific requirements for switches incorporated into or integrated with electric motor-operated hand-held tools, transportable tools and lawn and garden machinery. This document is intended for switches with an ambient temperature up to and including 55 °C. Switches tested according to IEC 61058-1 are considered to comply with this document and additional testing is not required provided ratings, loads, and endurance are correct. NOTE This document takes into account the fact that tests are conducted as part of the end-product evaluation (e.g. products tested according to the IEC 60745 and IEC 62841 series, and lawn and gardening equipment tested according to the IEC 60335 series), and that tests are not conducted on the component switch.

Keel: en  
Alusdokumendid: IEC 61058-2-6:2018; EN IEC 61058-2-6:2019  
Asendab dokumenti: EVS-EN 61058-2-6:2016

## 33 SIDETEHNIKA

### EVS-EN 61970-453:2014/A1:2019

#### **Energy management system application program interface (EMS-API) - Part 453: Diagram layout profile**

Amendment for EN 61970-453:2014

Keel: en  
Alusdokumendid: IEC 61970-453:2014/A1:2018; EN 61970-453:2014/A1:2019  
Muudab dokumenti: EVS-EN 61970-453:2014

## 47 LAEVAEHITUS JA MERE-EHITISED

### EVS-EN IEC 63135:2019

#### **Maritime navigation and radiocommunication equipment and systems - Automatic identification systems (AIS) - SAR Airborne equipment - Operational and performance requirements, methods of test and required test results**

This document specifies the minimum operational and performance requirements, methods of testing and required test results as applicable for automatic identification systems (AIS) VHF data link (VDL) related parts of an AIS SAR airborne station. This document incorporates the applicable technical characteristics of AIS SAR airborne equipment included in Recommendation ITU-R M.1371 and takes into account the ITU Radio Regulations, where applicable. This document also specifies the minimum requirements for the interfaces to other equipment suitable to be used as means of input and display data. Attention is drawn on that other requirements specific for airborne equipment can exist and are beyond the scope of this document.

Keel: en  
Alusdokumendid: IEC 63135:2018; EN IEC 63135:2019

## 67 TOIDUAINETE TEHNOLOOGIA

### EVS-EN 15587:2019

#### **Cereal and cereal products - Determination of Besatz in wheat (*Triticum aestivum* L.), durum wheat (*Triticum durum* Desf.), rye (*Secale cereale* L.), triticale (*Triticosecale Wittmack* spp) and feed barley (*Hordeum vulgare* L.)**

This European Standard specifies the term Besatz (impurities) and describes methods for the determination of its components. The term Besatz is used as a parameter for certain quality aspects in common wheat (*Triticum aestivum* L.), durum wheat (*Triticum durum* Desf.), rye (*Secale cereale* L.), triticale (*Triticosecale Wittmack* spp) and feed barley (*Hordeum vulgare* L.).

Keel: en  
Alusdokumendid: EN 15587:2018  
Asendab dokumenti: EVS-EN 15587:2008+A1:2013

## 83 KUMMI- JA PLASTITÖÖSTUS

### EVS-EN ISO 2818:2019

#### Plastics - Preparation of test specimens by machining (ISO 2818:2018)

This document establishes the general principles and procedures to be followed when machining and notching test specimens from compression-moulded and injection-moulded plastics, extruded sheets, plates and partially finished or wholly finished products. In order to establish a basis for reproducible machining and notching conditions, the following general standardized conditions are applied. It is assumed, however, that the exact procedures used are selected or specified by the relevant material specification or by the standards on the particular test methods. If sufficiently detailed procedures are not thus specified, the interested parties agree upon the conditions to be used.

Keel: en

Alusdokumendid: ISO 2818:2018; EN ISO 2818:2019

Asendab dokumenti: EVS-EN ISO 2818:2000

## 85 PABERITEHNOLOOGIA

### EVS-EN ISO 7263-2:2019

#### Corrugating medium - Determination of the flat crush resistance after laboratory fluting - Part 2: B-flute (ISO 7263-2:2018)

This document describes a method for the determination of the flat crush resistance of a corrugating medium after laboratory fluting using a B-flute geometry. The procedure is applicable to any corrugating medium intended to be used, after fluting, in the manufacture of corrugated board. NOTE ISO 7263-1 describes a method to determine the flat crush resistance using an A-flute geometry.

Keel: en

Alusdokumendid: ISO 7263-2:2018; EN ISO 7263-2:2019

Asendab dokumenti: EVS-EN ISO 7263:2011

## 97 OLME. MEELELAHUTUS. SPORT

### EVS-EN 60335-2-24:2010/A1:2019

#### Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-24: Erinõuded külmutusseadmetele, jäätise- ja jäävalmistitele

#### Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers

Muudatus standardile EN 60335-2-24:2010

Keel: en

Alusdokumendid: IEC 60335-2-24:2010/A1:2012; EN 60335-2-24:2010/A1:2019

Muudab dokumenti: EVS-EN 60335-2-24:2010

### EVS-EN 60335-2-24:2010/A2:2019

#### Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-24: Erinõuded külmutusseadmetele, jäätise- ja jäävalmistitele

#### Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers

Amendment for EN 60335-2-24:2010

Keel: en

Alusdokumendid: IEC 60335-2-24:2010/A2:2017; EN 60335-2-24:2010/A2:2019

Muudab dokumenti: EVS-EN 60335-2-24:2010

# ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

## 11 TERVISEHOOLDUS

### **EVS-EN 60601-2-40:2001**

**Elektrilised meditsiiniseadmed. Osa 2-40: Erinõuded elektromüograafide ja esilekutsutud reaktsiooni seadmetiku ohutusele**

**Medical electrical equipment - Part 2-40: Particular requirements for the safety of electromyographs and evoked response equipment**

Keel: en

Alusdokumendid: IEC 60601-2-40:1998; EN 60601-2-40:1998

Asendatud järgmise dokumendiga: EVS-EN 60601-2-40:2019

Standardi staatus: Kehtetu

## 13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

### **EVS-EN 13501-1:2007+A1:2009**

**Ehitustoodete ja -elementide tuleohutusalane klassifikatsioon. Osa 1: Klassifikatsioon tuletundlikkuse katsete alusel KONSOLIDEERITUD TEKST**

**Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests CONSOLIDATED TEXT**

Keel: en, et

Alusdokumendid: EN 13501-1:2007+A1:2009

Asendatud järgmise dokumendiga: EVS-EN 13501-1:2019

Standardi staatus: Kehtetu

## 25 TOOTMISTEHNOLOOGIA

### **EVS-EN 1708-2:2000**

**Welding - Basic weld joint details in steel - Part 2: Non internal pressurized components**

Keel: en

Alusdokumendid: EN 1708-2:2000

Asendatud järgmise dokumendiga: EVS-EN 1708-2:2019

Standardi staatus: Kehtetu

## 29 ELEKTROTEHNIKA

### **EVS-EN 61058-2-6:2016**

**Switches for appliances - Part 2-6: Particular requirements for switches used in electric motor-operated hand-held tools, transportable tools and lawn and garden machinery**

Keel: en

Alusdokumendid: IEC 61058-2-6:2016; EN 61058-2-6:2016

Asendatud järgmise dokumendiga: EVS-EN IEC 61058-2-6:2019

Standardi staatus: Kehtetu

## 67 TOIDUAINETE TEHNOLOOGIA

### **EVS-EN 15587:2008+A1:2013**

**Teravili ja teraviljatooted. Lisandite määramine nisus (*Triticum aestivum* L.), kõvas nisus (*Triticum durum* Desf.), rukkis (*Secale cereale* L.) ja söödaodras (*Hordeum vulgare* L.)**

**Cereals and cereal products - Determination of Besatz in wheat (*Triticum aestivum* L.), durum wheat (*Triticum durum* Desf.), rye (*Secale cereale* L.) and feed barley (*Hordeum vulgare* L.)**

Keel: en, et

Alusdokumendid: EN 15587:2008+A1:2013

Asendatud järgmise dokumendiga: EVS-EN 15587:2019

Standardi staatus: Kehtetu

## 83 KUMMI- JA PLASTITÖÖSTUS

### **EVS-EN 438-2:2016**

#### **High-pressure decorative laminates (HPL) - Sheets based on thermosetting resins (Usually called Laminates) - Part 2: Determination of properties**

Keel: en

Alusdokumendid: EN 438-2:2016

Asendatud järgmise dokumendiga: EVS-EN 438-2:2016+A1:2018

Standardi staatus: Kehtetu

### **EVS-EN ISO 2818:2000**

#### **Plastid. Proovikehade ettevalmistamine mehaanilise töötlemise teel Plastics - Preparation of test specimens by machining**

Keel: en

Alusdokumendid: ISO 2818:1994; EN ISO 2818:1996

Asendatud järgmise dokumendiga: EVS-EN ISO 2818:2019

Standardi staatus: Kehtetu

## 85 PABERITEHNOLOOGIA

### **EVS-EN ISO 7263:2011**

#### **Gofreeritav materjal. Tasapinnalisele survele vastupidavuse määramine pärast laboratoorset rihveldamist**

#### **Corrugating medium - Determination of the flat crush resistance after laboratory fluting**

Keel: en

Alusdokumendid: ISO 7263:2011; EN ISO 7263:2011

Asendatud järgmise dokumendiga: EVS-EN ISO 7263-2:2019

Asendatud järgmise dokumendiga: prEN ISO 7263-1

Standardi staatus: Kehtetu

# STANDARDIKAVANDITE ARVAMUSKÜSITLUS

Selleks, et tagada standardite vastuvõtmine, järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardikavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (reeglina 2 kuud) 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 algupäraseid standardikavandid ning algupäraste tehniliste spetsifikatsioonide ja juhendite kavandid.

Iga arvamusküsitlusele oleva kavandi kohta on esitatud alljärgnev informatsioon:

- tähis;
- pealkiri;
- käsitusala;
- keel (en = inglise; et = eesti);
- Euroopa või rahvusvahelise alusdokumendi tähis, selle olemasolul;
- asendusseos, selle olemasolul;
- arvamuste esitamise tähtaeg.

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

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

## 03 TEENUSED. ETTEVÖTTE ORGANISEERIMINE, JUHTIMINE JA KVALITEET. HALDUS. TRANSPORT. SOTSIOLOOGIA

### prEN ISO 22301

#### Security and resilience - Business continuity management systems - Requirements (ISO/DIS 22301:2019)

This document specifies requirements to plan, establish, implement, operate, monitor, review, maintain and continually improve a management system to protect against, reduce the likelihood of occurrence, prepare for, respond to, and recover from disruptions when they arise. The requirements specified in this document are generic and intended to be applicable to all organizations, or parts thereof, regardless of type, size and nature of the organization. The extent of application of these requirements depends on the organization's operating environment and complexity. This document is applicable to all types and sizes of organizations that: a) implement maintain and improve a BCMS; b) seek to ensure conformity with stated business continuity policy; c) need an ability to continue delivery of products and services at acceptable predefined capacity during a disruption; d) seek to enhance their resilience through the effective application of the BCMS. This document can be used to assess an organization's ability to meet its own business continuity needs and obligations.

Keel: en

Alusdokumendid: ISO/DIS 22301; prEN ISO 22301

Asendab dokumenti: EVS-EN ISO 22301:2014

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

## 11 TERVISEHOOLDUS

### prEN 60601-2-21:2019

#### Medical electrical equipment - Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers

Clause 1 of the general standard applies, except as follows: 201.1.1 Scope Replacement: This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of INFANT RADIANT WARMERS as defined in 201.3.204, also referred to as ME EQUIPMENT. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this standard are not covered by specific requirements in this standard except in 7.2.13 and 8.4.1 of the general standard. NOTE See also 4.2 of the general standard. This particular standard specifies the safety requirements for INFANT RADIANT WARMERS, but alternate methods of compliance with a specific clause, by demonstrating equivalent safety, will not be judged as non-compliant, if the MANUFACTURER has demonstrated in his RISK MANAGEMENT FILE that the RISK presented by the HAZARD has been found to be of an acceptable level when weighed against the benefit of treatment from the device. This particular standard does not apply to: – devices supplying heat via BLANKETS, PADS or MATTRESSES in medical use; for information see IEC 80601-2-35; – INFANT INCUBATORS; for information see IEC 60601-2-19; – INFANT TRANSPORT INCUBATORS, for information see IEC 60601-2-20; – INFANT PHOTOTHERAPY EQUIPMENT, for information see IEC 60601-2-50.

Keel: en

Alusdokumendid: IEC 60601-2-21:201X; prEN 60601-2-21:2019

Asendab dokumenti: EVS-EN 60601-2-21:2009

**Arvamusküsitluse lõppkuupäev: 16.03.2019**



### prEN IEC 60601-2-19:2019

#### **Medical electrical equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators**

Clause 1 of the general standard applies, except as follows: 201.1.1 Scope Replacement: This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of INFANT INCUBATORS, as defined in 201.3.209 of this standard, also referred to as ME EQUIPMENT. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this standard are not covered by specific requirements in this standard except in 7.2.13 and 8.4.1 of the general standard. NOTE See also 4.2 of the general standard. This particular standard specifies safety requirements for INFANT INCUBATORS but alternate methods of compliance with a specific clause by demonstrating equivalent safety will not be judged as non-compliant if the MANUFACTURER has demonstrated in his RISK MANAGEMENT FILE that the RISK presented by the HAZARD has been found to be of an acceptable level when weighed against the benefit of treatment from the device. This particular standard does not apply to: – devices supplying heat via BLANKETS, PADS or MATTRESSES in medical use; for information see IEC 80601-2-35 [3]; – INFANT RADIANT WARMERS; for information, see IEC 60601-2-21 [2]; – INFANT TRANSPORT INCUBATORS, for information, see IEC 60601-2-20 [1]; – INFANT PHOTOTHERAPY EQUIPMENT, for information see IEC 60601-2-50 [4].

Keel: en

Alusdokumendid: IEC 60601-2-19:201X; prEN IEC 60601-2-19:2019

Asendab dokumenti: EVS-EN 60601-2-19:2009

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### prEN IEC 60601-2-20:2019

#### **Medical electrical equipment - Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators**

Clause 1 of the general standard applies, except as follows: 201.1.1 Scope Replacement: This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of INFANT TRANSPORT INCUBATOR equipment, as defined in 201.3.211 of this standard, also referred to as ME EQUIPMENT. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this standard are not covered by specific requirements in this standard except in 7.2.13 and 8.4.1 of the general standard. NOTE See also 4.2 of the general standard. This particular standard specifies safety requirements for INFANT TRANSPORT INCUBATORS but alternate methods of compliance with a specific clause by demonstrating equivalent safety will not be judged as non-compliant if the MANUFACTURER has demonstrated in his RISK MANAGEMENT FILE that the RISK presented by the HAZARD has been found to be of an acceptable level when weighed against the benefit of treatment from the device. This particular standard does not apply to: – devices supplying heat via BLANKETS, PADS or MATTRESSES in medical use; for information see IEC 80601-2-35 [1]; – INFANT INCUBATORS which are not INFANT TRANSPORT INCUBATOR; for information see IEC 60601-2-19 [2]; – INFANT RADIANT WARMERS; for information, see IEC 60601-2-21 [3]; – INFANT PHOTOTHERAPY; for information, see IEC 60601-2-50 [4].

Keel: en

Alusdokumendid: IEC 60601-2-20:201X; prEN IEC 60601-2-20:2019

Asendab dokumenti: EVS-EN 60601-2-20:2009

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### prEN IEC 60601-2-50:2019

#### **Medical electrical equipment - Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment**

Clause 1 of the general standard applies, except as follows: 201.1.1 \* Scope Replacement: This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of INFANT PHOTOTHERAPY EQUIPMENT, as defined in 201.3.203 of this standard, also referred to as 170 ME EQUIPMENT. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this standard are not covered by specific requirements in this standard except in 7.2.13 and 8.4.1 of the general standard. NOTE See also 4.2 of the general standard. This particular standard specifies safety requirements for INFANT PHOTOTHERAPY EQUIPMENT, but alternate methods of compliance with a specific clause by demonstrating equivalent safety will not be judged as non-compliant if the MANUFACTURER has demonstrated in his RISK MANAGEMENT FILE that the RISK presented by the HAZARD has been found to be of an acceptable level when weighed against the benefit of treatment from the device. This particular standard does not apply to: – devices supplying heat via BLANKETS, PADS or MATTRESSES in medical use, for information see IEC 80601-2-35; – INFANT INCUBATORS; for information see IEC 60601-2-19; – INFANT TRANSPORT INCUBATORS; for information, see IEC 60601-2-20; – INFANT RADIANT WARMERS; for information see IEC 60601-2-21.

Keel: en

Alusdokumendid: IEC 60601-2-50:201X; prEN IEC 60601-2-50:2019

Asendab dokumenti: EVS-EN 60601-2-50:2009

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### prEN IEC 80601-2-35:2019

#### **Medical electrical equipment - Part 2-35: Particular requirements for the basic safety and essential performance of heating devices using blankets, pads and mattresses and intended for heating in medical use**

Clause 1 of the general standard applies, except as follows: 201.1.1 \* Scope Replacement: This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of HEATING DEVICES using BLANKETS, PADS or MATTRESSES in medical use, also referred to as ME EQUIPMENT. HEATING DEVICES intended to prewarm a bed are included in the scope of this International Standard. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. If a clause or subclause is specifically intended to apply to a specifically defined type of ME EQUIPMENT, as is the case with FORCED AIR DEVICES, then the clause or subclause is entitled as such. Clauses or subclauses that apply to all types of ME EQUIPMENT within the scope of this standard are not specifically entitled. HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this standard are not covered by specific requirements in this standard except in 7.2.13 and 8.4.1 of the general standard. NOTE See also 4.2 of the general standard. This particular standard does not apply to: – HEATING DEVICES intended for physiotherapy; – radiant warmers; for information, see IEC 60601-2-21 [12]; – incubators; for information, see IEC 60601-2-19 [10]; – transport incubators, for information, see IEC 60601-2-20 [11]; – cooling devices.

Keel: en

Alusdokumendid: IEC 80601-2-35:201X; prEN IEC 80601-2-35:2019

Asendab dokumenti: EVS-EN 80601-2-35:2010

Asendab dokumenti: EVS-EN 80601-2-35:2010/AC:2015

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### prEN ISO 14708-5

#### **Implants for surgery - Active implantable medical devices - Part 5: Circulatory support devices (ISO/DIS 14708-5:2019)**

This document specifies requirements for safety and performance of active implantable circulatory support devices, including type tests, animal studies and clinical evaluation requirements. NOTE The device that is commonly referred to as an active implantable medical device can in fact be a single device, a combination of devices, or a combination of a device or devices and one or more accessories. Not all of these parts are required to be either partially or totally implantable, but there is a need to specify main requirements of non-implantable parts and accessories if they could affect the safety or performance of the implantable device. The tests that are specified in document are type tests and are to be carried out on a sample of a device to assess device behavioural responses and are not intended to be used for the routine testing of manufactured products. Included within the scope of this document are: — ventricular assist devices (VAD), left or right heart support; — total artificial hearts (TAH); — biventricular assist devices (biVAD); — percutaneous assist devices; — paediatric assist devices.

Keel: en

Alusdokumendid: prEN ISO 14708-5; ISO/DIS 14708-5:2019

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### prEN ISO 21850-1

#### **Dentistry - Materials for dental instruments - Part 1: Stainless steel (ISO/DIS 21850-1:2019)**

This document specifies requirements and their test methods for stainless steels used in dental instruments. It is applicable to single-use and reusable instruments, regardless of whether they are connected to a power-driven system or not. It contains a current selection of stainless steels suitable for use in the manufacture of dental instruments.

Keel: en

Alusdokumendid: ISO/DIS 21850-1; prEN ISO 21850-1

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### prEN ISO 24550

#### **Ergonomics - Accessible design - Indicator lights on consumer products (ISO/DIS 24550:2019)**

This International Standard specifies design guidelines for indicator lights, mainly LED sourced, on consumer products for use by older people and people with visual disabilities. It does not consider the needs of persons who are blind. Indicator lights include those that inform users visually about the conditions, changes in functional status and settings, and malfunction of products. They convey information by light on/off, time-modulated intensity, blinking, colour, luminance level, and layout. This document addresses household and home appliances. It excludes electronic displays presenting characters and graphics, machinery, and appliances in special use for professional, technical, and industrial applications.

Keel: en

Alusdokumendid: ISO/DIS 24550; prEN ISO 24550

Asendab dokumenti: EVS-EN ISO 24500:2010

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### prEN ISO 24551

#### **Ergonomics - Accessible design - Spoken instructions of consumer products (ISO/DIS 24551:2019)**

This International Standard specifies ergonomic requirements and recommendations of spoken instructions for consumer products that are used as a means of instructions for operations or feedback of the status of products when used by a person with or without visual impairments. NOTE 1 Spoken instructions are also useful for some users who have difficulty in reading and those with cognitive impairment. The requirements and recommendations described in this standard do not depend on the language of guides and are applicable to conventional, stand-alone consumer products in general whose function is limited by characteristics that prevent the user from attaching, installing or using assistive technology. They are not applied to machines and equipment used for professional work. This document is applicable to spoken instructions of both recorded human speech and synthesized speech from text. This document does not apply to products for which the instructional content and/or the means of presentation are regulated by law or specified in other standards (e.g. medical devices, fire alarms). It also does not provide recommendations or requirements for spoken instructions of Interactive Voice Response (IVR) systems or digital assistants on personal computers or similar devices. NOTE 2 ISO 9241-154 provides recommendations or requirements for IVR systems. NOTE 3 ISO/TS 9241-126 provides generic guidance for the auditory presentation of information in interactive systems. This document does not specify voice sounds of text-to-speech systems or narrative speech used in place of printed instruction manuals and independently from the product.

Keel: en

Alusdokumendid: ISO/DIS 24551; prEN ISO 24551

Asendab dokumenti: EVS-EN ISO 24500:2010

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

## 13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

### prEN IEC 60335-1:2019 {frag 2}

#### Household and similar electrical appliances - Safety - Part 1: General requirements

Fragment 2 of prEN IEC 60335-1:2019

Keel: en

Alusdokumendid: IEC 60335-1:201X {frag 2}; prEN IEC 60335-1:2019 {frag 2}

Asendab dokumenti: EVS-EN 60335-1:2012

Asendab dokumenti: EVS-EN 60335-1:2012/AC:2014

Asendab dokumenti: EVS-EN 60335-1:2012+A11:2014

Asendab dokumenti: EVS-EN 60335-1:2012+A11+A12

Asendab dokumenti: EVS-EN 60335-1:2012+A11+A13:2017

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### prEN IEC 60335-1:2019 {frag 3}

#### Household and similar electrical appliances - Safety - Part 1: General requirements

Fragment 3 of prEN IEC 60335-1:2019

Keel: en

Alusdokumendid: IEC 60335-1:201X {frag 3}; prEN IEC 60335-1:2019 {frag 3}

Asendab dokumenti: EVS-EN 60335-1:2012

Asendab dokumenti: EVS-EN 60335-1:2012/AC:2014

Asendab dokumenti: EVS-EN 60335-1:2012+A11:2014

Asendab dokumenti: EVS-EN 60335-1:2012+A11+A12

Asendab dokumenti: EVS-EN 60335-1:2012+A11+A13:2017

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### prEN IEC 60335-1:2019 {frag 4}

#### Household and similar electrical appliances - Safety - Part 1: General requirements

Fragment 4 of prEN IEC 60335-1:2019

Keel: en

Alusdokumendid: IEC 60335-1:201X {frag 4}; prEN IEC 60335-1:2019 {frag 4}

Asendab dokumenti: EVS-EN 60335-1:2012

Asendab dokumenti: EVS-EN 60335-1:2012/AC:2014

Asendab dokumenti: EVS-EN 60335-1:2012+A11:2014

Asendab dokumenti: EVS-EN 60335-1:2012+A11+A12

Asendab dokumenti: EVS-EN 60335-1:2012+A11+A13:2017

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### prEN IEC 60335-1:2019 {frag 5}

#### Household and similar electrical appliances - Safety - Part 1: General requirements

Fragment 5 of prEN IEC 60335-1:2019

Keel: en

Alusdokumendid: IEC 60335-1:201X {frag 5}; prEN IEC 60335-1:2019 {frag 5}

Asendab dokumenti: EVS-EN 60335-1:2012

Asendab dokumenti: EVS-EN 60335-1:2012/AC:2014

Asendab dokumenti: EVS-EN 60335-1:2012+A11:2014

Asendab dokumenti: EVS-EN 60335-1:2012+A11+A12

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### prEN ISO 24550

#### **Ergonomics - Accessible design - Indicator lights on consumer products (ISO/DIS 24550:2019)**

This International Standard specifies design guidelines for indicator lights, mainly LED sourced, on consumer products for use by older people and people with visual disabilities. It does not consider the needs of persons who are blind. Indicator lights include those that inform users visually about the conditions, changes in functional status and settings, and malfunction of products. They convey information by light on/off, time-modulated intensity, blinking, colour, luminance level, and layout. This document addresses household and home appliances. It excludes electronic displays presenting characters and graphics, machinery, and appliances in special use for professional, technical, and industrial applications.

Keel: en

Alusdokumendid: ISO/DIS 24550; prEN ISO 24550

Asendab dokumenti: EVS-EN ISO 24500:2010

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### prEN ISO 24551

#### **Ergonomics - Accessible design - Spoken instructions of consumer products (ISO/DIS 24551:2019)**

This International Standard specifies ergonomic requirements and recommendations of spoken instructions for consumer products that are used as a means of instructions for operations or feedback of the status of products when used by a person with or without visual impairments. NOTE 1 Spoken instructions are also useful for some users who have difficulty in reading and those with cognitive impairment. The requirements and recommendations described in this standard do not depend on the language of guides and are applicable to conventional, stand-alone consumer products in general whose function is limited by characteristics that prevent the user from attaching, installing or using assistive technology. They are not applied to machines and equipment used for professional work. This document is applicable to spoken instructions of both recorded human speech and synthesized speech from text. This document does not apply to products for which the instructional content and/or the means of presentation are regulated by law or specified in other standards (e.g. medical devices, fire alarms). It also does not provide recommendations or requirements for spoken instructions of Interactive Voice Response (IVR) systems or digital assistants on personal computers or similar devices. NOTE 2 ISO 9241-154 provides recommendations or requirements for IVR systems. NOTE 3 ISO/TS 9241-126 provides generic guidance for the auditory presentation of information in interactive systems. This document does not specify voice sounds of text-to-speech systems or narrative speech used in place of printed instruction manuals and independently from the product.

Keel: en

Alusdokumendid: ISO/DIS 24551; prEN ISO 24551

Asendab dokumenti: EVS-EN ISO 24500:2010

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

## 17 METROLOOGIA JA MÕÖTMINE. FÜSIKALISED NÄHTUSED

### prEN IEC 62052-11:2019

#### **Electricity metering equipment (a.c.) - General requirements, tests and test conditions - Part 11: Metering equipment**

This part of IEC 62052 specifies requirements and associated tests, with their appropriate conditions for type testing of a.c. and d.c. electricity meters. This part details functional, mechanical, marking and electrical requirements including immunity to external influences covering electromagnetic and climatic environments. Note 1: For other general requirements, such as safety, dependability etc., see the relevant IEC 62052 or IEC 62059 standards. For accuracy requirements and other requirements specific to class indices, see the relevant IEC 62053 standards. This International Standard applies to newly manufactured electricity metering equipment designed to: • measure and control electrical energy on electrical networks (mains) with voltage up to 1,000 V a.c. or 1,500 V d.c.; Note 2: For a.c. electricity meters, the voltage mentioned above is the line-to-neutral voltage derived from nominal voltages. See IEC 62052-31:2015 Table 7. • have all functional elements, including add-on modules, enclosed in, or forming a single meter case with exception of indicating displays; • operate with integrated or detached indicating displays, or without an indicating display; • be installed in a specified matching sockets or racks; • provide additional functions other than those for measurement of electrical energy. Meters designed for operation with low power instrument transformers (LPITs as defined in the IEC 61869 series of standards) may be considered as compliant with this international standard only if such meters and their LPITs are tested together, and meet the requirements for directly connected meters. Note 3: Modern electricity meters typically contain additional functions such as measurement of voltage magnitude, current magnitude, power, frequency, power factor, etc.; measurement of power quality parameters; load control functions; delivery, time, test, accounting, recording functions; data communication interfaces and associated data security functions. The relevant standards for these functions may apply in addition to the requirements of this standard. However, the requirements for such functions are outside the scope of this standard. Note 4: Product requirements for power monitoring devices and measurement functions such as voltage magnitude, current magnitude, power, frequency, etc. are covered in IEC 61557-12. However, devices compliant with IEC 61557-12 are not intended to be used as billing meters unless they are also compliant with the IEC 62052-11 and one or more relevant IEC 62053-xx particular requirements (accuracy class) standard. Note 5: Product requirements for power quality monitoring instruments are covered in IEC 62586-1. Requirements for power quality measurement techniques (functions) are covered in IEC 61000-4-30. Requirements for testing of the power quality measurement functions are covered in IEC 62586-2. This International Standard is also applicable to auxiliary input and output circuits, operation indicators, and test outputs of equipment for electrical energy measurement. Note 6: Examples are impulse inputs and outputs, control inputs and outputs, energy test outputs. This

International Standard also covers the common aspects of accuracy testing such as reference conditions, repeatability and measurement of uncertainty.

Keel: en

Alusdokumendid: IEC 62052-11:201X; prEN IEC 62052-11:2019

Asendab dokumenti: EVS-EN 62052-11:2003

Asendab dokumenti: EVS-EN 62052-11:2003/A1:2017

Asendab dokumenti: EVS-EN 62052-11:2003/A1:2017/AC:2018

Asendab dokumenti: EVS-EN 62052-11:2003+A1:2017

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### prEN IEC 62053-21:2019

#### **Electricity metering equipment (a.c.) - Particular requirements - Part 21: Static meters for active energy (classes 1 and 2)**

This part of IEC 62053 applies only to newly manufactured static watt-hour meters of accuracy classes 0,5, 1 and 2 for the measurement of alternating current electrical active energy in 50 Hz or 60 Hz networks and it applies to their type tests only. Note 1: For other general requirements, such as safety, dependability etc., see the relevant IEC 62052 or IEC 62059 standards. This International Standard applies to newly manufactured electricity metering equipment designed to: • measure and control electrical energy on electrical networks (mains) with voltage up to 1,000 V a.c. or 1,500 V d.c.; Note 2: For a.c. electricity meters, the voltage mentioned above is the line-to-neutral voltage derived from nominal voltages. See IEC 62052-31:2015 table 7. • have all functional elements, including add-on modules, enclosed in, or forming a single meter case with exception of indicating displays; • operate with integrated or detached indicating displays, or without an indicating display; • be installed in a specified matching sockets or racks; • provide additional functions other than those for measurement of electrical energy. Meters designed for operation with low power instrument transformers (LPITs as defined in the IEC 61869 series of standards) may be considered as compliant with this international standard only if such meters and their LPITs are tested together, and meet the requirements for directly connected meters. Note 3: Modern electricity meters typically contain additional functions such as measurement of voltage magnitude, current magnitude, power, frequency, power factor, etc.; measurement of power quality parameters; load control functions; delivery, time, test, accounting, recording functions; data communication interfaces and associated data security functions. The relevant standards for these functions may apply in addition to the requirements of this standard. However, the requirements for such functions are outside the scope of this standard. Note 4: Product requirements for power monitoring devices and measurement functions such as voltage magnitude, current magnitude, power, frequency, etc. are covered in IEC 61557-12. However, devices compliant with IEC 61557-12 are not intended to be used as billing meters unless they are also compliant with the IEC 62052-11 and one or more relevant IEC 62053-xx accuracy class standards. Note 5: Product requirements for power quality monitoring instruments are covered in IEC 62586-1. Requirements for power quality measurement techniques (functions) are covered in IEC 61000-4-30. Requirements for testing of the power quality measurement functions are covered in IEC 62586-2. This International Standard does not apply to: • meters for which the voltage line-to-neutral derived from nominal voltages exceeds 1,000 V a.c. or 1,500 V d.c.; • meters intended for connection with low power instrument transformers (LPITs as defined in the IEC 61869 series of standards) when tested without such transformers; • metering systems comprising multiple devices physically remote from one another; • portable meters; Note 6: Portable meters are meters that are not permanently connected. • meters used in rolling stock, vehicles and airplanes; • laboratory and meter test equipment; • reference standard meters; • data interfaces to the register of the meter; • matching sockets or racks used for installation of electricity metering equipment; • any additional functions provided in electrical energy meters. This International Standard does not cover measures for detection and prevention of fraudulent attempts to compromise meter's performance (tampering). Nevertheless, the customer and the manufacturer may agree on specific tampering detection and prevention requirements, and test methods, as relevant for a particular market. Note 7: Specifying requirements and test methods for fraud detection and prevention

Keel: en

Alusdokumendid: IEC 62053-21:201X; prEN IEC 62053-21:2019

Asendab dokumenti: EVS-EN 62053-21:2003

Asendab dokumenti: EVS-EN 62053-21:2003/A1:2017

Asendab dokumenti: EVS-EN 62053-21:2003/A1:2017/AC:2018

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### prEN IEC 62053-22:2019

#### **Electricity metering equipment (a.c.) - Particular requirements - Part 22: Static meters for active energy (classes 0,1 S, 0,2 S and 0,5 S)**

This part of IEC 62053 applies only to newly manufactured transformer operated static watt-hour meters of accuracy classes 0,1S, 0,2S and 0,5S for the measurement of alternating current electrical active energy in 50 Hz or 60 Hz networks and it applies to their type tests only. Note 1: For other general requirements, such as safety, dependability etc., see the relevant IEC 62052 or IEC 62059 standards. This International Standard applies to newly manufactured electricity metering equipment designed to: • measure and control electrical energy on electrical networks (mains) with voltage up to 1,000 V a.c. or 1,500 V d.c.; Note 2: For a.c. electricity meters, the voltage mentioned above is the line-to-neutral voltage derived from nominal voltages. See IEC 62052-31:2015 table 7. • have all functional elements, including add-on modules, enclosed in, or forming a single meter case with exception of indicating displays; • operate with integrated or detached indicating displays, or without an indicating display; • be installed in a specified matching sockets or racks; • provide additional functions other than those for measurement of electrical energy. Meters designed for operation with low power instrument transformers (LPITs as defined in the IEC 61869 series of standards) may be considered as compliant with this international standard only if such meters and their LPITs are tested together, and meet the requirements for directly connected meters. Note 3: Modern electricity meters typically contain additional functions such as measurement of voltage magnitude, current magnitude, power, frequency, power factor, etc.; measurement of power quality parameters; load control functions; delivery, time, test, accounting, recording functions; data communication interfaces and associated data security functions. The relevant standards for these functions may apply in addition to the requirements of this standard. However, the requirements for such functions are outside the scope of this standard. Note 4: Product requirements for power monitoring devices and measurement functions such as voltage magnitude, current magnitude, power, frequency, etc. are

covered in IEC 61557-12. However, devices compliant with IEC 61557-12 are not intended to be used as billing meters unless they are also compliant with the IEC 62052-11 and one or more relevant IEC 62053-xx accuracy class standards. Note 5: Product requirements for power quality monitoring instruments are covered in IEC 62586-1. Requirements for power quality measurement techniques (functions) are covered in IEC 61000-4-30. Requirements for testing of the power quality measurement functions are covered in IEC 62586-2.

Keel: en

Alusdokumendid: IEC 62053-22:201X; prEN IEC 62053-22:2019

Asendab dokumenti: EVS-EN 62053-22:2003

Asendab dokumenti: EVS-EN 62053-22:2003/A1:2017

Asendab dokumenti: EVS-EN 62053-22:2003/A1:2017/AC:2018

Asendab dokumenti: EVS-EN 62053-22:2003+A1:2017

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### **prEN IEC 62053-23:2019**

#### **Electricity metering equipment (a.c.) - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3)**

This part of IEC 62053 applies only to newly manufactured static var-hour meters of accuracy classes 2 and 3 for the measurement of alternating current electrical reactive energy in 50 Hz or 60 Hz networks and it applies to their type tests only. For practical reasons this standard is based on a conventional definition of reactive energy for sinusoidal currents and voltages containing the fundamental frequency only. Note 1: For other general requirements, such as safety, dependability etc., see the relevant IEC 62052 or IEC 62059 standards. This International Standard applies to electricity metering equipment designed to: • measure and control electrical energy on electrical networks (mains) with voltage up to 1,000 V a.c. or 1,500 V d.c.; Note 2: For a.c. electricity meters, the voltage mentioned above is the line-to-neutral voltage derived from nominal voltages. See IEC 62052-31:2015 Table 7; • have all functional elements, including add-on modules, enclosed in, or forming a single meter case with exception of indicating displays; • operate with integrated or detached indicating displays, or without an indicating display; • be installed in a specified matching sockets or racks; • provide additional functions other than those for measurement of electrical energy. Meters designed for operation with low power instrument transformers (LPITs as defined in the IEC 61869 series of standards) may be considered as compliant with this international standard only if such meters and their LPITs are tested together, and meet the requirements for directly connected meters. Note 3: Modern electricity meters typically contain additional functions such as measurement of voltage magnitude, current magnitude, power, frequency, power factor, etc.; measurement of power quality parameters; load control functions; delivery, time, test, accounting, recording functions; data communication interfaces and associated data security functions. The relevant standards for these functions may apply in addition to the requirements of this standard. However, the requirements for such functions are outside the scope of this standard. Note 4: Product requirements for power monitoring devices and measurement functions such as voltage magnitude, current magnitude, power, frequency, etc. are covered in IEC 61557-12. However, devices compliant with IEC 61557-12 are not intended to be used as billing meters unless they are also compliant with the IEC 62052-11 and one or more relevant IEC 62053-xx accuracy class standards. Note 5: Product requirements for power quality monitoring instruments are covered in IEC 62586-1. Requirements for power quality measurement techniques (functions) are covered in IEC 61000-4-30. Requirements for testing of the power quality measurement functions are covered in IEC 62586-2.

Keel: en

Alusdokumendid: IEC 62053-23:201X; prEN IEC 62053-23:2019

Asendab dokumenti: EVS-EN 62053-23:2003

Asendab dokumenti: EVS-EN 62053-23:2003/A1:2017

Asendab dokumenti: EVS-EN 62053-23:2003/A1:2017/AC:2018

Asendab dokumenti: EVS-EN 62053-23:2003+A1:2017

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### **prEN IEC 62053-24:2019**

#### **Electricity metering equipment (a.c.) - Particular requirements - Part 24: Static meters for reactive energy at fundamental frequency (classes 0,5 S, 1S, 1, 2 and 3)**

This part of IEC 62053 applies only to newly manufactured static var-hour meters of accuracy classes 0,5S, 1S, 1, 2 and 3 for the measurement of alternating current electrical reactive energy in 50 Hz or 60 Hz networks and it applies to their type tests only. This standard uses a conventional definition of reactive energy where the reactive power and energy is calculated from the fundamental frequency components of the currents and voltages only (see clause 3, Terms and definitions). Note 1 This differs from IEC 62053-23, where reactive power and energy is only defined for sinusoidal signals. In this standard reactive power and energy is defined for all periodic signals. Reactive power and energy is defined in this way to achieve proper reproducibility of measurements with meters of different designs. With this definition, reactive power and energy reflects the generally unnecessary current possible to compensate with capacitors rather than the total unnecessary current. Note 2: For other general requirements, such as safety, dependability etc., see the relevant IEC 62052 or IEC 62059 standards. This International Standard applies to newly manufactured electricity metering equipment designed to: • measure and control electrical energy on electrical networks (mains) with voltage up to 1,000 V a.c. or 1,500 V d.c.; Note 3: For a.c. electricity meters, the voltage mentioned above is the line-to-neutral voltage derived from nominal voltages. See IEC 62052-31:2015 table 7; • have all functional elements, including add-on modules, enclosed in, or forming a single meter case with exception of indicating displays; • operate with integrated or detached indicating displays, or without an indicating display; • be installed in a specified matching sockets or racks; • provide additional functions other than those for measurement of electrical energy. Meters designed for operation with low power instrument transformers (LPITs as defined in the IEC 61869 series of standards) may be considered as compliant with this international standard only if such meters and their LPITs are tested together, and meet the requirements for directly connected meters.

Keel: en

Alusdokumendid: IEC 62053-24:201X; prEN IEC 62053-24:2019

Asendab dokumenti: EVS-EN 62053-24:2015

Asendab dokumenti: EVS-EN 62053-24:2015/A1:2017  
Asendab dokumenti: EVS-EN 62053-24:2015/A1:2017/AC:2018

Arvamusküsitluse lõppkuupäev: 16.03.2019

### prEN ISO 16610-29

#### **Geometrical product specifications (GPS) - Filtration - Part 29: Linear profile filters - Wavelets (ISO/DIS 16610-29:2019)**

This document specifies biorthogonal wavelets for profiles and contains the relevant concepts. It gives the basic terminology for biorthogonal wavelets of compact support, together with their usage.

Keel: en

Alusdokumendid: ISO/DIS 16610-29; prEN ISO 16610-29

Asendab dokumenti: EVS-EN ISO 16610-29:2015

Arvamusküsitluse lõppkuupäev: 16.03.2019

## 23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

### prEN 15776

#### **Unfired pressure vessels - Requirements for the design and fabrication of pressure vessels and pressure vessel parts constructed from cast iron with an elongation after fracture equal or less than 15 %**

This document specifies requirements for the design, material, manufacturing and testing of pressure vessels and pressure vessel parts made from materials for which details are specified from the following material standards for specific grades which meet the criterion of an elongation after fracture less than or equal to 15 %: - EN 1561:2011, Founding - Grey cast irons; - EN 1563:2018, Founding - Spheroidal graphite cast irons; - EN 13835:2012, Founding - Austenitic cast irons. NOTE The content of the vessel or pressure part is a fluid of group 2 only, according to Directive 2014/68/EU.

Keel: en

Alusdokumendid: prEN 15776

Asendab dokumenti: EVS-EN 15776:2011+A1:2015

Arvamusküsitluse lõppkuupäev: 16.03.2019

### prEN 877

#### **Cast iron pipes systems for the evacuation of water from works - Characteristics and test methods**

This document specifies product characteristics, test/assessment methods and of how to express test/assessment results. Cast iron pipelines kits are usually composed by cast iron pipes, fittings, joints and accessories. This document covers the range of nominal diameter from DN /40 to DN 600 inclusive. The cast iron includes grey cast iron and ductile cast iron. The roof gullies used for siphonic systems are outside the scope of this standard. Sewerage applications are outside the scope of this standard. It is intended to be used for the construction of gravity or vacuum discharge pressurized or unpressurized networks installed inside and/or outside Works, above and/or below ground, in construction works.

Keel: en

Alusdokumendid: prEN 877

Asendab dokumenti: EVS-EN 877:2000

Arvamusküsitluse lõppkuupäev: 16.03.2019

## 27 ELEKTRI- JA SOOJUSENERGEETIKA

### prEN IEC 62109-3:2019

#### **Safety of power converters for use in photovoltaic power systems - Part 3: Particular requirements for electronic devices in combination with photovoltaic elements**

This clause of Part 1 and Part 2 is applicable with the following exceptions: 1.1 Scope This Part 3 of IEC 62109 covers the particular safety requirements for electronic elements that are mechanically and/or electrically incorporated with photovoltaic (PV) modules or systems. NOTE Electrically incorporated means that the whole combination of electronic device with the photovoltaic element is sold as one product. Nevertheless, tests provided in this standard may also be used to evaluate compatibility of PV modules and electronic devices that are sold separately and are intended to be installed close to each other.

Keel: en

Alusdokumendid: IEC 62109-3:201X; prEN IEC 62109-3:2019

Arvamusküsitluse lõppkuupäev: 16.03.2019

### prEN ISO 20024

#### **Solid biofuels - Safe handling and storage of solid biofuel pellets in commercial and industrial applications (ISO/DIS 20024:2019)**

This International Standard provides principles and requirements for safe handling and storage of solid biofuels pellets in commercial and industrial applications. The standard covers the entire handling and storage process of pellets, (i) at a pellets

production plant, from the outlet of the cooler unit until loaded for transportation and (ii) at a power plant from the receiving station until fed into a pulverizer or furnace. The process of production of pellets and safety issues related to production are not covered by this standard, nor is the pulverizing or combustion process. Although unloading and loading of e.g. vessels, trains or trucks are included, the safety issues during the transport itself are not.

Keel: en

Alusdokumendid: ISO/DIS 20024; prEN ISO 20024

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

## 29 ELEKTROTEHNIKA

### EN 60400:2017/prA1:2019

#### **Lambipesad torukujulistele luminofoorlampidele ja süüturipesad Lampholders for tubular fluorescent lamps and starterholders**

Amendment for EN 60400:2017

Keel: en

Alusdokumendid: IEC 60400:2017/A1:201X; EN 60400:2017/prA1:2019

Muudab dokumenti: EVS-EN 60400:2017

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### EN 60570:2003/prA2:2019

#### **Valgustiridade elektritoitesüsteemid Electrical supply track systems for luminaires**

Amendment for EN 60570:2003

Keel: en

Alusdokumendid: IEC 60570:2003/A2:201X; EN 60570:2003/prA2:2019

Muudab dokumenti: EVS-EN 60570:2004

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### EN 60838-1:2017/prA2:2019

#### **Mitmesugused lambipesad. Osa 1: Üldnõuded ja katsetused Miscellaneous lampholders - Part 1: General requirements and tests**

Amendment for EN 60838-1:2017

Keel: en

Alusdokumendid: IEC 60838-1:2016/A2:201X; EN 60838-1:2017/prA2:2019

Muudab dokumenti: EVS-EN 60838-1:2017

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### EN 61184:2017/prA1:2019

#### **Bajonett-lambipesad Bayonet lampholders**

Muudatus standardile EN 61184:2017

Keel: en

Alusdokumendid: IEC 61184:2017/A1:201X; EN 61184:2017/prA1:2019

Muudab dokumenti: EVS-EN 61184:2017

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### EN IEC 60238:2018/prA2:2019

#### **Edisonkeermega lambipesad Edison screw lampholders**

Muudatus standardile EN IEC 60238:2018

Keel: en

Alusdokumendid: IEC 60238:2016/A2:201X; EN IEC 60238:2018/prA2:2019

Muudab dokumenti: EVS-EN IEC 60238:2018

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### prEN IEC 60034-2-3:2019

#### **Rotating electrical machines - Part 2-3: Specific test methods for determining losses and efficiency of converter-fed AC motor**

This standard specifies test methods and an interpolation procedure for determining losses and efficiencies of converter-fed motors within the scope of IEC 60034-1. The motor is then part of a variable frequency power drive system (PDS) as defined in IEC 61800-9-2. Applying the approach of the comparable converter, the motor efficiency determined by use of this standard is



applicable for comparison of different motor designs only. The standard also specifies procedures to determine motor losses at any load point (torque, speed) within the base speed range (constant torque range, constant flux range) based on determination of losses at seven standardized load points. This procedure is applicable to any variable speed AC motor (induction and synchronous) rated according to IEC 60034-1 for operation on a variable frequency and variable voltage power supply.

Keel: en

Alusdokumendid: IEC 60034-2-3:201X; prEN IEC 60034-2-3:2019

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### **prEN IEC 60598-2-1:2019**

#### **Luminaires. Part 2: Particular requirements. Section One: Fixed general purpose luminaires**

This part of IEC 60598 specifies requirements for fixed general purpose luminaires for use with electric light sources on supply voltages not exceeding 1 000 V. It is to be read in conjunction with those sections of Part 1 to which reference is made.

Keel: en

Alusdokumendid: IEC 60598-2-1:201X; prEN IEC 60598-2-1:2019

Asendab dokumenti: EVS-EN 60598-2-1:2001

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### **prEN IEC 61960-4:2019**

#### **Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications - Part 4: Coin types (button) lithium secondary cells and batteries**

This part of IEC 61960 specifies performance tests, designations, markings, dimensions and other requirements for coin secondary lithium cells and batteries for portable applications and backup power supply such as memory backup applications. The objective of this standard is to provide the purchasers and users of coin secondary lithium cells and batteries with a set of criteria with which they can judge the performance of coin secondary lithium cells and batteries offered by various manufacturers. This document defines a minimum required level of performance and a standardized methodology by which testing is performed and the results of this testing reported to the user. Hence, users will be able to establish the viability of commercially available cells and batteries via the declared specification and thus be able to select the cell or battery best suited for their intended application. This standard covers coin secondary lithium cells and batteries with a range of chemistries. Each electrochemical couple has a characteristic voltage range over which it releases its electrical capacity, a characteristic nominal voltage and a characteristic end-of-discharge voltage during discharge. Users of coin secondary lithium cells and batteries are requested to consult the manufacturer for advice.

Keel: en

Alusdokumendid: IEC 61960-4:201X; prEN IEC 61960-4:2019

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### **prEN IEC 62868-1:2019**

#### **Organic light emitting diode (OLED) Light sources for general lighting – Safety – Part 1: General requirements and tests**

This Part 1 of International Standard IEC 62868 specifies general safety requirements of OLED products for use on d.c. supplies up to 1000 V or a.c. supplies up to 1000 V at 50 Hz or 60 Hz for indoor and similar general lighting purpose. NOTE 1: Only test methods for dc operated OLED light sources are provided in this standard. Provisions for ac operated OLED products are under consideration. NOTE 2: The construction of OLED tiles and panels is illustrated in figures A.1 to A.4 in Annex A. NOTE 3: The OLED lighting system consisting of OLED panels or modules is illustrated in Annex D. NOTE4: This standard is prepared for OLED light sources (tiles, panels, modules) which are composed of OLED luminaires or OLED lamps, and is intended that the OLED light source adapted to this standard should be fit in IEC 60598 series as a component of lighting equipment in combination with other components. NOTE 5: This standard applies to any OLED light sources which are not covered by the Part 2 of IEC 62868.

Keel: en

Alusdokumendid: IEC 62868-1:201X; prEN IEC 62868-1:2019

Asendab dokumenti: EVS-EN 62868:2015

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

### **prEN IEC 63115-1:2019**

#### **Secondary cells and batteries containing alkaline or other non-acid electrolytes - Sealed nickel-metal hydride rechargeable cells and modules for use in industrial applications - Part 1: Performance**

This International Standard specifies marking, designation, tests and requirements for the sealed nickel-metal hydride cells and batteries used in industrial applications including stationary applications. When there exists an IEC standard specifying test conditions and requirements for cells used in special applications and which is in conflict with this standard, the former takes precedence (e.g. IEC 62675). The following are some examples of applications that utilize the cells and batteries under the scope of this standard. • Stationary applications: telecom, uninterruptible power supplies (UPS), electrical energy storage system, utility switching, emergency power and similar applications. • Motive applications: fork-lift truck, golf cart, AGV, railway, and marine, excluding road vehicles. Since this standard covers batteries for various industrial applications, it includes those requirements, which are common and minimum to the various applications. This standard applies to cells and batteries. If the battery is divided

into smaller units, the smaller unit can be tested as the representative of the battery. The manufacturer clearly declares the tested unit. The manufacturer may add functions, which are present in the final battery, to the tested unit.

Keel: en

Alusdokumendid: IEC 63115-1:201X; prEN IEC 63115-1:2019

Arvamusküsitluse lõppkuupäev: 16.03.2019

## 31 ELEKTROONIKA

### prEN IEC 62878-1:2019

#### Device embedding assembly technology - Part 1: Generic specification for device embedded substrates

This part of IEC 62878 specifies the generic requirements and test methods for device embedded substrates. The basic test methods for printed wiring substrate materials and substrates themselves are specified in IEC 61189-3. This part of IEC 62878 is applicable to device embedded substrates fabricated by use of organic base material, which include for example active or passive devices, discrete components formed in the fabrication process of electronic wiring board, and sheet formed components. The IEC 62878 series neither applies to the re-distribution layer (RDL) nor to electronic modules defined in IEC 62421.

Keel: en

Alusdokumendid: IEC 62878-1:201X; prEN IEC 62878-1:2019

Arvamusküsitluse lõppkuupäev: 16.03.2019

## 33 SIDETEHNIKA

### EN 55016-1-4:2018/prA1:2019 {frag 3}

#### Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements

Fragment 3 of draft amendment EN 55016-1-4:2018/prA1:2019

Keel: en

Alusdokumendid: CISPR 16-1-4:201X/A1:201X {frag 3}; EN 55016-1-4:2018/prA1:2019 {frag 3}

Muudab dokumenti: FprEN IEC 55016-1-4:2018

Arvamusküsitluse lõppkuupäev: 16.03.2019

### prEN IEC 61000-4-11:2019

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

This part of IEC 61000 defines the immunity test methods and range of preferred test levels for electrical and electronic equipment connected to low-voltage power supply networks for voltage dips, short interruptions, and voltage variations. This standard applies to electrical and electronic equipment having a rated input current not exceeding 16 A per phase, for connection to 50 Hz or 60 Hz a.c. networks. It does not apply to electrical and electronic equipment for connection to 400 Hz a.c. networks. Tests for these networks will be covered by future IEC standards. The object of this standard is to establish a common reference for evaluating the immunity of electrical and electronic equipment when subjected to voltage dips, short interruptions and voltage variations. NOTE Voltage fluctuation immunity tests are covered by IEC 61000-4-14. The test method documented in this part of IEC 61000 describes a consistent method to assess the immunity of equipment or a system against a defined phenomenon. As described in IEC Guide 107, this is a basic EMC publication for use by product committees of the IEC. As also stated in Guide 107, the IEC product committees are responsible for determining whether this immunity test standard should be applied or not, and, if applied, they are responsible for defining the appropriate test levels. Technical committee 77 and its sub-committees are prepared to cooperate with product committees in the evaluation of the value of particular immunity tests for their products.

Keel: en

Alusdokumendid: IEC 61000-4-11:201X; prEN IEC 61000-4-11:2019

Asendab dokumenti: EVS-EN 61000-4-11:2004

Arvamusküsitluse lõppkuupäev: 16.03.2019

### prEN IEC 62343-2-1:2019

#### Dynamic modules - Reliability - Part 2-1: Qualification test template

This document provides a reliability qualification test template for dynamic modules (DMs). The template describes the reliability qualification test items and provides information on requirements or options. Example test conditions are given as information in Annex A. For reliability qualification purposes, some information about the internal components, parts and interconnections is needed. These internal parts are treated as black boxes. This document gives requirements for the evaluation of DM reliability by combining the reliability of such internal black boxes. The object of this reliability qualification test template is to provide a framework for the reliability qualification tests for DMs. Developers of reliability qualification tests for DMs determine the test conditions for each test item by referring to the examples in Annex A.

Keel: en

Alusdokumendid: IEC 62343-2-1:201X; prEN IEC 62343-2-1:2019

Arvamusküsitluse lõppkuupäev: 16.03.2019

### prEN IEC 62343-3-3:2019

#### **Dynamic modules - Part 3-3: Performance specification templates - Wavelength selective switches**

This document provides a performance specification template for wavelength selective switches. The object is to provide a framework for the preparation of detail specifications on the performance of wavelength selective switches. Additional specification parameters may be included for detailed product specifications or performance specifications. However, specification parameters specified in this document shall not be removed from the detail product specifications or performance specifications. The technical information regarding wavelength selective switches and their applications in DWDM systems are described in IEC TR 62343-6-4.

Keel: en

Alusdokumendid: IEC 62343-3-3:201X; prEN IEC 62343-3-3:2019

Asendab dokumenti: EVS-EN 62343-3-3:2014

Arvamusküsitluse lõppkuupäev: 16.03.2019

## 35 INFOTEHNOLOOGIA

### prEN ISO 19116

#### **Geographic information - Positioning services (ISO/DIS 19116:2019)**

This document specifies the data structure and content of an interface that permits communication between position-providing device(s) and position-using device(s) enabling the position-using device(s) to obtain and unambiguously interpret position information and determine, based on a measure of the degree of reliability, whether the resulting position information meets the requirements of the intended use. A standardized interface for positioning will allow the integration of reliable position information obtained from non-specific positioning technologies and will be useful in various location-focused information applications, such as surveying, navigation, intelligent transportation systems (ITS), and location-based services (LBS).

Keel: en

Alusdokumendid: ISO/DIS 19116; prEN ISO 19116

Asendab dokumenti: EVS-EN ISO 19116:2006

Arvamusküsitluse lõppkuupäev: 16.03.2019

## 45 RAUDTEETEHNIKA

### prEN 15624

#### **Railway applications - Braking - Empty-loaded changeover devices**

This document is applicable to empty-loaded changeover devices designed to automatically sense when the load of a railway vehicle reaches a defined value (changeover mass), which represents the point at which the vehicle is classed as "loaded" and thereby requires the brake force to be adjusted accordingly to achieve the required brake performance. This document also covers manually operated empty-loaded changeover devices and the associated changeover plates. This document specifies the requirements for the design, dimensions, manufacture and testing of empty-loaded changeover devices.

Keel: en

Alusdokumendid: prEN 15624

Asendab dokumenti: EVS-EN 15624:2008+A1:2010

Arvamusküsitluse lõppkuupäev: 16.03.2019

### prEN 15625

#### **Railway applications - Braking - Automatic variable load sensing devices**

This document applies variable load sensing devices designated to continuously sense the load of a railway vehicle and provide a signal that can be used by a relay valve for the automatic variation of the air pressure used for brake applications, thereby adjusting the brake force accordingly to achieve the required brake performance. This document specifies the requirements for the design, dimensions, manufacture and testing of automatic variable load sensing devices.

Keel: en

Alusdokumendid: prEN 15625

Asendab dokumenti: EVS-EN 15625:2008+A1:2010

Arvamusküsitluse lõppkuupäev: 16.03.2019

## 75 NAFTA JA NAFTATEHNOLOOGIA

### prEN ISO 20024

#### **Solid biofuels - Safe handling and storage of solid biofuel pellets in commercial and industrial applications (ISO/DIS 20024:2019)**

This International Standard provides principles and requirements for safe handling and storage of solid biofuels pellets in commercial and industrial applications. The standard covers the entire handling and storage process of pellets, (i) at a pellets production plant, from the outlet of the cooler unit until loaded for transportation and (ii) at a power plant from the receiving station

until fed into a pulverizer or furnace. The process of production of pellets and safety issues related to production are not covered by this standard, nor is the pulverizing or combustion process. Although unloading and loading of e.g. vessels, trains or trucks are included, the safety issues during the transport itself are not.

Keel: en

Alusdokumendid: ISO/DIS 20024; prEN ISO 20024

Arvamusküsitluse lõppkuupäev: 16.03.2019

## 79 PUIDUTEHNOLOOGIA

### prEN 15534-5

#### **Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC)) - Part 5: Specifications for cladding profiles and tiles**

This standard specifies the characteristics of cladding profiles and tiles made from cellulose-based materials and thermoplastics, usually called wood-polymer composites (WPC) or natural fibre composites (NFC), for external use. This document is applicable to extruded profiles but also to tiles manufactured by other plastics processing techniques, e.g. injection moulding. It is not applicable to support rail profiles, cover strip profiles and fastener devices. This document also specifies assessment methods, provisions for the assessment and verification of constancy of performance (AVCP) of these products and includes requirements for marking.

Keel: en

Alusdokumendid: prEN 15534-5

Asendab dokumenti: EVS-EN 15534-5:2014

Arvamusküsitluse lõppkuupäev: 16.03.2019

## 83 KUMMI- JA PLASTITÖÖSTUS

### prEN 15534-5

#### **Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC)) - Part 5: Specifications for cladding profiles and tiles**

This standard specifies the characteristics of cladding profiles and tiles made from cellulose-based materials and thermoplastics, usually called wood-polymer composites (WPC) or natural fibre composites (NFC), for external use. This document is applicable to extruded profiles but also to tiles manufactured by other plastics processing techniques, e.g. injection moulding. It is not applicable to support rail profiles, cover strip profiles and fastener devices. This document also specifies assessment methods, provisions for the assessment and verification of constancy of performance (AVCP) of these products and includes requirements for marking.

Keel: en

Alusdokumendid: prEN 15534-5

Asendab dokumenti: EVS-EN 15534-5:2014

Arvamusküsitluse lõppkuupäev: 16.03.2019

## 91 EHITUSMATERJALID JA EHITUS

### prEN IEC 62053-24:2019

#### **Electricity metering equipment (a.c.) - Particular requirements - Part 24: Static meters for reactive energy at fundamental frequency (classes 0,5 S, 1S, 1, 2 and 3)**

This part of IEC 62053 applies only to newly manufactured static var-hour meters of accuracy classes 0,5S, 1S, 1, 2 and 3 for the measurement of alternating current electrical reactive energy in 50 Hz or 60 Hz networks and it applies to their type tests only. This standard uses a conventional definition of reactive energy where the reactive power and energy is calculated from the fundamental frequency components of the currents and voltages only (see clause 3, Terms and definitions). Note 1 This differs from IEC 62053-23, where reactive power and energy is only defined for sinusoidal signals. In this standard reactive power and energy is defined for all periodic signals. Reactive power and energy is defined in this way to achieve proper reproducibility of measurements with meters of different designs. With this definition, reactive power and energy reflects the generally unnecessary current possible to compensate with capacitors rather than the total unnecessary current. Note 2: For other general requirements, such as safety, dependability etc., see the relevant IEC 62052 or IEC 62059 standards. This International Standard applies to newly manufactured electricity metering equipment designed to: • measure and control electrical energy on electrical networks (mains) with voltage up to 1,000 V a.c. or 1,500 V d.c.; Note 3: For a.c. electricity meters, the voltage mentioned above is the line-to-neutral voltage derived from nominal voltages. See IEC 62052-31:2015 table 7; • have all functional elements, including add-on modules, enclosed in, or forming a single meter case with exception of indicating displays; • operate with integrated or detached indicating displays, or without an indicating display; • be installed in a specified matching sockets or racks; • provide additional functions other than those for measurement of electrical energy. Meters designed for operation with low power instrument transformers (LPITs as defined in the IEC 61869 series of standards) may be considered as compliant with this international standard only if such meters and their LPITs are tested together, and meet the requirements for directly connected meters.

Keel: en

Alusdokumendid: IEC 62053-24:201X; prEN IEC 62053-24:2019

Asendab dokumenti: EVS-EN 62053-24:2015

Arvamusküsitluse lõppkuupäev: 16.03.2019

## 93 RAJATISED

### FprEN 15746-1

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

1.1 General This document deals with the technical requirements to minimize the specific railway hazards of self-propelled road-rail machines -henceforward referred to as machines - and associated equipment, which can arise during the commissioning, operation and maintenance of the machines when carried out in accordance with the specification given by the manufacturer or his authorized representative. These risks are normally common regardless of the track gauge. However, additional requirements can apply for travelling and working on infrastructures with narrow gauge or broad gauge lines, railways utilizing other than adhesion between the rail and rail wheels and underground infrastructures. This document is also applicable for machines and associated equipment that in working configuration are partly supported on the ballast or the formation. Such machines are capable of independent self-propelled movement on the ground. This document does not apply to the following: - the requirements for quality of the work or performance of the machine; - the specific requirements established by the machine operator for the use of machines, which will be the subject of negotiation between the manufacturer and the Infrastructure Manager; - moving and working while not on rails; - separate machines temporarily mounted on machines and associated equipment; - demountable machines as defined in 3.2; - trailers as defined in 3.3, including road-rail trailers. Vehicles which are not track-guided themselves but have attachments that are track-guided are not road-rail machines. The requirements within this document are amended and added to by the requirements in FprEN 15746-4 for machines designed and intended to use urban rail. This document does not establish the additional requirements for the following: - operation subject to special rules, e.g. potentially explosive atmospheres; - hazards due to natural causes, e.g. earthquake, lightning, flooding; - working methods; - operation in severe working conditions requiring special measures, e.g. work in tunnels or in cuttings, extreme environmental conditions such as: freezing temperatures, high temperatures, corrosive environments, tropical environments, contaminating environments, strong magnetic fields; - hazards due to errors in software; - hazards occurring when used to handle suspended loads which may swing freely. For a road-rail machine it is assumed that an EU road permissible host vehicle will offer an accepted safety level for its designed basic functions before conversion. Unless explicitly stated otherwise in a particular clause this specific aspect is not dealt with in this European Standard. Other track construction and maintenance machines used on railway tracks are dealt with in other European Standards, see Annex F. 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.

Keel: en

Alusdokumendid: FprEN 15746-1

Asendab dokumenti: EVS-EN 15746-1:2010+A1:2011

Arvamusküsitluse lõppkuupäev: 16.03.2019

### FprEN 15746-2

#### Railway applications - Track - Road-rail machines and associated equipment - Part 2: General safety requirements

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

Keel: en

Alusdokumendid: FprEN 15746-2

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

Arvamusküsitluse lõppkuupäev: 16.03.2019

## FprEN 15746-3

### Railway applications - Track - Road-rail machines and associated equipment - Part 3: Technical requirements for running

1.1 General This document deals with the technical requirements to minimize the specific railway hazards of self-propelled road-rail machines, as defined in FprEN 15746-1:2019, 3.1, henceforward referred to as machines, when designed and intended for running on European railways within the scope of European Directive 2007/58/EC. The running mode is an option designed by the manufacturer which permits the use of the machine on a specified railway infrastructure without the need for special operational rules. NOTE 1 The use of special track safety equipment (i.e. part of automatic train protection systems) does not necessarily mean that the machine has a running mode; some Infrastructure Managers use such equipment as means of protection for machines in travelling and/or working modes. NOTE 2 This document is written for 1 435 mm nominal track gauge, special requirements can apply for running on infrastructures with narrow gauge or broad gauge lines. Urban rail and railways utilizing other than adhesion between the rail and wheels are not included in this document. This document does not apply to the following: - the specific requirements established by the machine operator for the use of machines, which will be the subject of negotiation between the manufacturer and the Infrastructure Manager; - travelling and working both on and off rails; - running on urban rail. For a road-rail machine it is assumed that an EU road permissible host vehicle will offer an accepted safety level for its designed basic functions before conversion. Unless explicitly stated otherwise in a particular clause this specific aspect is not dealt with in this European Standard. 1.2 Validity of this document This document applies to all machines which are within the scope of the Commission Regulation (EU) No 1302/2014 for locomotives and passenger rolling stock.

Keel: en

Alusdokumendid: FprEN 15746-3

Arvamusküsitluse lõppkuupäev: 16.03.2019

## FprEN 15746-4

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

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

Keel: en

Alusdokumendid: FprEN 15746-4

Arvamusküsitluse lõppkuupäev: 16.03.2019

## prEN 12368

### Traffic control equipment - Signal heads

This document applies to signal heads with one or more signal lights of the colours red, yellow and/or green signal lights for road traffic with 200 mm and 300 mm roundels and to optical units to be integrated in signal heads to produce the individual signal lights. It defines the product characteristics for the visual, structural, environmental performances and testing of signal heads and optical units for pedestrian and road traffic use, and the rules for the evaluation of the conformity of these products. This document can be partly or fully applied on a voluntary basis to other signal heads outside of the scope specified above like for instance white optical units or small signal heads with a diameter smaller than 200 mm.

Keel: en

Alusdokumendid: prEN 12368

Asendab dokumenti: EVS-EN 12368:2015

Arvamusküsitluse lõppkuupäev: 16.03.2019

## 97 OLME. MEELELAHUTUS. SPORT

### EN 15567-1:2015/prA1

#### Sports and recreational facilities - Ropes courses - Part 1: Construction and safety requirements

This European Standard applies to permanent and mobile ropes courses and their components. This European Standard specifies safety requirements for the design, construction, inspection and maintenance of ropes courses and their components. This European Standard does not apply to temporary ropes courses (see 3.3) and children's play grounds (see EN 1176 all parts). For the use of ropes courses EN 15567-2 applies.

Keel: en

Alusdokumendid: EN 15567-1:2015/prA1

Muudab dokumenti: EVS-EN 15567-1:2015

Arvamusküsitluse lõppkuupäev: 16.03.2019

### prEN IEC 60335-1:2019 {frag 2}

#### Household and similar electrical appliances - Safety - Part 1: General requirements

Fragment 2 of prEN IEC 60335-1:2019

Keel: en

Alusdokumendid: IEC 60335-1:201X {frag 2}; prEN IEC 60335-1:2019 {frag 2}

Asendab dokumenti: EVS-EN 60335-1:2012

Asendab dokumenti: EVS-EN 60335-1:2012/AC:2014

Asendab dokumenti: EVS-EN 60335-1:2012+A11:2014

Asendab dokumenti: EVS-EN 60335-1:2012+A11+A12

Asendab dokumenti: EVS-EN 60335-1:2012+A11+A13:2017

Arvamusküsitluse lõppkuupäev: 16.03.2019

### prEN IEC 60335-1:2019 {frag 3}

#### Household and similar electrical appliances - Safety - Part 1: General requirements

Fragment 3 of prEN IEC 60335-1:2019

Keel: en

Alusdokumendid: IEC 60335-1:201X {frag 3}; prEN IEC 60335-1:2019 {frag 3}

Asendab dokumenti: EVS-EN 60335-1:2012

Asendab dokumenti: EVS-EN 60335-1:2012/AC:2014

Asendab dokumenti: EVS-EN 60335-1:2012+A11:2014

Asendab dokumenti: EVS-EN 60335-1:2012+A11+A12

Asendab dokumenti: EVS-EN 60335-1:2012+A11+A13:2017

Arvamusküsitluse lõppkuupäev: 16.03.2019

### prEN IEC 60335-1:2019 {frag 4}

#### Household and similar electrical appliances - Safety - Part 1: General requirements

Fragment 4 of prEN IEC 60335-1:2019

Keel: en

Alusdokumendid: IEC 60335-1:201X {frag 4}; prEN IEC 60335-1:2019 {frag 4}

Asendab dokumenti: EVS-EN 60335-1:2012

Asendab dokumenti: EVS-EN 60335-1:2012/AC:2014

Asendab dokumenti: EVS-EN 60335-1:2012+A11:2014

Asendab dokumenti: EVS-EN 60335-1:2012+A11+A12

Asendab dokumenti: EVS-EN 60335-1:2012+A11+A13:2017

Arvamusküsitluse lõppkuupäev: 16.03.2019

### prEN IEC 60335-1:2019 {frag 5}

#### Household and similar electrical appliances - Safety - Part 1: General requirements

Fragment 5 of prEN IEC 60335-1:2019

Keel: en

Alusdokumendid: IEC 60335-1:201X {frag 5}; prEN IEC 60335-1:2019 {frag 5}

Asendab dokumenti: EVS-EN 60335-1:2012

Asendab dokumenti: EVS-EN 60335-1:2012/AC:2014

Asendab dokumenti: EVS-EN 60335-1:2012+A11:2014

Asendab dokumenti: EVS-EN 60335-1:2012+A11+A12

Asendab dokumenti: EVS-EN 60335-1:2012+A11+A13:2017

Arvamusküsitluse lõppkuupäev: 16.03.2019

## prEN IEC 63136:2019

### **Electric dishwashers for commercial use - Test methods for measuring the performance**

This Standard applies for manually loaded undercounter one-tank and one-tank hood type electrically heated dishwashing machines for washing plates, dishes, glassware, cutlery and similar articles. These machines are used in commercial kitchens, such as restaurants, canteens, hospitals and in businesses such as bakeries, butcher shops, etc. This Standard does not apply to commercial dishwashers with transport systems (flight-type and rack conveyor dishwashers) and utensil washers. This standard does not apply to undercounter water-change dishwashers. This standard does not apply to appliances designed exclusively for industrial purposes. The object is to state and define the principal performance characteristics of electric dishwashers for commercial use and to describe the standard methods of measuring these characteristics. The characteristics are measured by washing plates. This standard is concerned neither with safety nor with minimum performance requirements.

Keel: en

Alusdokumendid: IEC 63136:201X; prEN IEC 63136:2019

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

## prEN ISO 20957-2

### **Stationary training equipment - Part 2: Strength training equipment, additional specific safety requirements and test methods (ISO/DIS 20957-2:2019)**

This part of ISO 20957 specifies additional safety requirements for stationary strength training equipment in addition to the general safety requirements of ISO 20957-1. This part of ISO 20957 is applicable to stationary training equipment type strength training equipment with stack weight resistance or other means of resistance like elastic cords, hydraulic, pneumatic, electrical, magnetic, springs and externally loaded weights (type 2) (hereinafter referred to as training equipment) with the classes H, S and I according to ISO 20957-1. NOTE Free-weight barbell racks are subject to the requirements of ISO 20957-4 and ISO 20957-1.

Keel: en

Alusdokumendid: ISO/DIS 20957-2; prEN ISO 20957-2

Asendab dokumenti: EVS-EN 957-2:2003

**Arvamusküsitluse lõppkuupäev: 16.03.2019**

## prEN ISO 20957-7

### **Stationary training equipment - Part 7: Rowing equipment, additional specific safety requirements and test methods (ISO/DIS 20957-7:2019)**

This part of ISO 20957 specifies safety requirements for rowing equipment in addition to the general safety requirements of ISO 20957-1 and should be read in conjunction with it. This part of ISO 20957 is applicable to rowing type stationary training equipment, hereinafter referred to as rowing equipment, within the classes H, S and I as well as classes A, B and C regarding accuracy.

Keel: en

Alusdokumendid: ISO/DIS 20957-7; prEN ISO 20957-7

Asendab dokumenti: EVS-EN 957-7:2000

**Arvamusküsitluse lõppkuupäev: 16.03.2019**



# TÖLKED KOMMENTEERIMISEL

Selles jaotises avaldame teavet eesti keelde tõlgitavate Euroopa või rahvusvaheliste standardite ja standardilaadsete dokumentide kohta ja inglise keelde tõlgitavate alapäraste Eesti standardite ja dokumentide kohta.

Tõlgetega tutvumiseks võtta ühendust EVS-i standardiosakonnaga: standardiosakond@evs.ee, ostmiseks klientideenindusega: standard@evs.ee.

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

## CEN ISO/TS 25108:2018

### Mittepurustav katsetamine. NDT personali koolitusorganisatsioonid

Selles dokumendis on toodud nõuded ja soovituselised mittepurustava katsetamise (NDT) koolitusorganisatsioonidele eesmärgiga ühtlustada ja tagada NDT personali koolituse ühtlane standard tööstuse vajadustest lähtuvalt. See sätestab ka miinimumnõuded NDT personali tõhusaks süstemaatiliseks koolituseks, et tagada nende sobilikkus kvalifikatsioonieksamiks koos kolmanda osapoole sertifitseerimisega vastavalt tunnustatud standarditele, mille tulemuseks on kolmanda osapoole sertifitseerimine tunnustatud standardite kohaselt. MÄRKUS ISO/TS 25107 sisaldab nõudeid ja soovitusi NDT koolitusprogrammidele, mis mõeldud koolituse läbiviimiseks.

Keel: et

Alusdokumendid: ISO/TS 25108:2018; CEN ISO/TS 25108:2018

**Kommenteerimise lõppkuupäev: 14.02.2019**

## EVS-EN 14298:2017

### Saematerjal. Kuivatuskvaliteedi hindamine

See Euroopa standard määrab kindlaks kuivatuskvaliteedi hindamise meetodi. See rakendub kuivatatud saematerjali partiile (pinnatöötlemisega või töötlemata). See rakendub nii okaspuidule kui ka lehtpuidule paksusega mitte üle 100 mm. Kuivatuskvaliteet väljendatakse niiskussisaldusena: sihtniiskussisaldus, partii keskmine ja puiduüksuste vaheline erinevus partiis. Lisatud on valikuvõimalus sisepingete suuruse määramiseks. MÄRKUS 1 Teised kuivatusega seotud tunnused, nt pindlõhed, lõhed, kaardumus, värvusriike jne, on määratletud saematerjali visuaalsortimise dokumentides või tootespetsifikatsioonides ja ei ole hõlmatud selle dokumendiga. MÄRKUS 2 Järgnevalt on terminit "saematerjal" kasutatud kogu selle käsitlemisalala hõlmatud kuivatatud puidu kohta.

Keel: et

Alusdokumendid: EN 14298:2017

**Kommenteerimise lõppkuupäev: 14.02.2019**

## EVS-EN ISO 4885:2018

### Raud ja rauasulamid. Termotöötlemine. Sõnavara

Selles dokumendis määratletakse raua ja rauasulamide termotöötlemisel kasutatavad olulised terminid. MÄRKUS Termin „raud ja rauasulamid“ hõlmab terasest ja malmist tooteid ning detaile. Lisas A on esitatud tähestikuline loend selles dokumendis määratletud terminitest, samuti nende vasted prantsuse, saksa, hiina, jaapani ja eesti keeles. Tabelis 1 on esitatud erinevad faasid ja struktuurivormid rauasüsinikusulameis (Fe-C-sulameis).

Keel: et

Alusdokumendid: ISO 4885:2018; EN ISO 4885:2018

**Kommenteerimise lõppkuupäev: 14.02.2019**

## EVS-EN ISO 5667-14:2016

### Vee kvaliteet. Proovivõtt. Osa 14: Juhised kvaliteedi tagamiseks ja kvaliteedi kontrolliks loodusliku vee proovivõtmisel ja käitlemisel

See ISO 5667 seeria standard annab juhiseid, kuidas valida ja kasutada erinevaid kvaliteeditagamise ja kvaliteedikontrolli tehnikaid käsitsi proovivõtul pinna-, joogi-, heit-, mere- ja põhjaveest. MÄRKUS Selle ISO 5667 osas kirjeldatud üldised põhimõtted on teatud tingimustel rakendatavad ka reoveesete ja pinnase proovivõtul.

Keel: et

Alusdokumendid: ISO 5667-14:2014; EN ISO 5667-14:2016

**Kommenteerimise lõppkuupäev: 14.02.2019**

## prEN 16941-2

### Lokaalsed tehnilise vee süsteemid. Osa 2: Puhastatud hallvee kasutussüsteemid

See dokument kirjeldab hallvee lokaalseks kasutamiseks vajalike hallveesüsteemide projekteerimist, mõõtmete määramist, paigaldamist, tähistamist, kasutuselevõttu ja hooldamist. Eelistatult kohalduv see puhastatud hallvee kasutamisele: — tualeti loputusveena; — aiakastmiseks; — pesupesemiseks; — puhastamise otstarbel. Samuti kirjeldab see dokument hallveesüsteemidele kehtivaid miinimumnõudeid. Selle dokumendi käsitlemisalast on välja jäetud: — hallvee kasutamine joogiveena ja toiduvalmistamiseks; — hallvee kasutamine isikliku hügieeni otstarbel; — ilma puhastuseta süsteemid hallvee vahetuks korduvkasutamiseks; — konkreetsete süsteemiosade tootekujundus; — tööstuslik heitvesi; — hallvee kasutamine soojustagastuse ja jahutuse otstarbel. MÄRKUS Kooskõla selle dokumendiga ei vabasta kohalikest või riiklikest regulatsioonidest tulenevate kohustuste täitmisest.

Keel: et

Alusdokumendid: prEN 16941-2

**Kommenteerimise lõppkuupäev: 14.02.2019**

# 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.

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

## ÜLEVAATUSKÜSITLUS

### EVS 920-1:2013

#### **Katuseehitusreeglid. Osa 1: Üldreeglid** **Requirements for roof building. Part 1: General rules**

Selles standardis käsitletakse katuseehituse üldiseid reegleid. See standard määratleb üldised nõuded katuste ehitamiseks ning peamised nõuded katusekattetoodetele. Standard on kasutamiseks tootjatele, paigaldajatele ja lõpptarbijatele. Standard määrab nõuded toodetele ja paigalduslahendustele nende kasutamiseks normaalses eksploatatsioonitingimustes. Standard ei esita nõudeid kõigile kandekonstruktsioonidele ja arhitektuursetele lahendustele. Kandekonstruktsioonidest esitab standard nõudeid roovitusele.

Ülevaatusküsitluse lõppkuupäev: 14.02.2019

### EVS 920-2:2013

#### **Katuseehitusreeglid. Osa 2: Metallkatused** **Requirements for roof building - Part 2: Metal roofs**

See standard määrab kindlaks nõuded isekandvatele katusetoodetele, mis on valmistatud kuumtsingitud õhukesest lehtterasest, tsingitud, või tsingitud ja kaetud polümeersete pinnakatetega. Standard määratleb nõuded metallist katuste ehitamiseks ning nõuded metallist katusekattetoodetele, mis on vastavuses standardite EVS-EN 14782 ning EVS-EN 14783 nõuetega. Standard on kasutamiseks tootjatele, paigaldajatele, lõpptarbijatele. Standard määrab nõuded toodetele ja paigalduslahendustele toodete kasutamiseks normaalses eksploatatsioonitingimustes. Standard määratleb nõuded kuumtsingitud teraslehest toodetud ja paigaldatud valtsplekk-katusele. Standard määratleb nõuded õhukesest tsingitud lehtterasest ja tsingitud ning polümeersete katetega kaetud katusekatetele. Nende alla liigituvad kõik katusekatetena kasutatavad profiilplekid (katusekiviprofiiliga, trapetsprofiilid, siinusprofiiliga, peitkinnitusega plekid ja analoogid). Standardis esitatud viited seinakatetele on tingitud nende sagedasest kooskasutamisest katusekatetega. Standardis esinevad viited teistele metallidele, mida on oluline käsitleda kuumtsingitud ja kuumtsingitud ning pinnakatetega kaetud katusekatete seisukohast. See standard määratleb nõuded tööstuslikult toodetud kuumtsingitud ning kuumtsingitud ja polümeerse kattega terasest vihmaveesüsteemidele. Standard ei käsitle käsitööna valmistatud vihmaveesüsteemide osi. Standard esitab nõuded kuni maapinnani, ega puuduta maa-aluseid drenaažisüsteeme ja -lahendusi. Standard ei esita nõudeid kõigile kandekonstruktsioonidele ega arhitektuursetele lahendustele. Selle standardi ainukesed nõuded kandekonstruktsioonidele on roovitusele metallkatustel.

Ülevaatusküsitluse lõppkuupäev: 14.02.2019

### EVS 920-3:2013

#### **Katuseehitusreeglid. Osa 3: Kiudtsement laineplaadist katused** **Requirements for roof building. Part 3: Fajercement corrugated sheet roofs**

Selles Eesti standardis käsitletakse kiudtsement-laineplaadist katuste ehitusreegleid. Need erialareeglid kehtivad kiudtsemendist laineplaatidest katusekatete paigaldamisel. Standardi juures tuleb silmas pidada ka standardite EVS 920-1 ja EVS 920-2 nõudeid. Nende erialareeglite järgimisel on täidetud nõuded sademekindlusele ja tormikindlusele.

Ülevaatusküsitluse lõppkuupäev: 14.02.2019

### EVS 920-4:2013

#### **Katuseehitusreeglid. Osa 4: Kivikatused** **Requirements for roof building. Part 4: Roof tile roofs**

Selles Eesti standardis käsitletakse kivikatuste ehitusreegleid. Need eriala reeglid kehtivad keraamilistest katusekividest ja betoonkatusekividest katusekatete kavandamisel ja ehitamisel. Vastavalt nendele erialareeglitele kavandatakse ja ehitatakse katusekonstruktsioonid sademekindlana. Need erialareeglid on kooskõlas katuseehituse üldreeglitega standardis EVS 920-1. Erialareeglites on arvestatud tootjate paigaldusjuhistega.

Ülevaatusküsitluse lõppkuupäev: 14.02.2019

### **EVS 886-1:2005**

#### **Lõhnaainete hajumine atmosfääris. Osa 1: Põhialused**

#### **Dispersion of odorants in the atmosphere. Part 1: Fundamentals (VDI 3788-1:2000)**

Standard kirjeldab analüütiliste ja numbriliste mudelite nõudeid, lähenemisviisi ja rakendamise piire, vajalikke sisendmuutujaid ja saadavaid tulemusi lõhnaainete hajumise arvutamisel. Samuti annab standard mudeli kvaliteedi hindamise eesmärgil vajalikud kontrolli ja otstarbekohasuse kriteeriumid. Lõhnaainete hajumise füüsikalist modelleerimist tuulekanalis selles standardisarjas ei käsitleta.

Pikendamisküsitluse lõppkuupäev: 14.02.2019

### **EVS 887-1:2005**

#### **Lõhnade mõju ja selle hindamine. Osa 1: Lõhnahäiringu psühhomeetriline hindamine.**

#### **Küsimustikud**

#### **Effects and assessment of odours. Part 1: Psychometric assessment of odour annoyance.**

#### **Questionnaires (VDI 3883-1:1997)**

Standard kirjeldab intensiivselt lõhnavatest ainetest põhjustatud juba esineva või esineda võiva lõhnahäiringu uurimismeetodeid. Igas uuritavas piirkonnas valitakse vastavalt konkreetse uuringu eesmärkidele minimaalne arv leibkondi (üks küsitletav isik leibkonna kohta). Saadud tulemuste alusel peaks olema võimalik välja selgitada parameetrid mis sensoorsel teel tajutavate keskkonnaärritajate põhjal võimaldaksid häiringut identifitseerida ja kvantifitseerida.

Pikendamisküsitluse lõppkuupäev: 14.02.2019

### **EVS 887-2:2005**

#### **Lõhnade mõju ja selle hindamine. Osa 2: Häirivate omaduste väljaselgitamine küsitluse teel**

#### **Effects and assessment of odours. Part 2: Determination of annoyance parameters by questioning (VDI 3883-2:1993)**

Standard kirjeldab elanikkonna küsitlemise meetodit mistahes lõhnahäiringu mõõtmiseks. See kujutab endast kohalike elanike korduvat küsitlemist nende lõhnaaistingu kohta teatud ajahetkedel ja nende poolt häiringu taseme kohta antud hinnangut. Pikemate perioodide põhjal saadud tulemusi kasutatakse lõhnaainete poolt põhjustatud lõhnahäiringu koguseliseks hindamiseks.

Pikendamisküsitluse lõppkuupäev: 14.02.2019

### **EVS 901-20:2013**

#### **Tee-ehitus. Katsemeetodid. Osa 20: Filtratsioonimooduli määramine**

#### **Road construction - Test methods - Part 20: Determination of permeability**

Selles Eesti standardis määratakse teede- ja tsiviilehituslikes töodes drenikihi ja muldkeha materjalina kasutatavate peen- ja fraktsioneerimata täitematerjalide ning pinnaste filtratsioonimooduli määramise katsemeetod. Materjali või pinnase algne terakoostis kirjeldatakse märgsõelumise tulemusena. Filtratsioonimooduli katses kasutatakse eraldi välja sõelatud proove, mille vähim terasuurus  $d = 0$  mm ja suurim terasuurus  $D = 4$  mm. Proovid tihendatakse filtratsioonimooduli määramise katseseadmesse optimaalse veesisaldusega, mis on eelnevalt Proctor-teimiga määratud samale fraktsioonile (0/4).

Pikendamisküsitluse lõppkuupäev: 14.02.2019

## TEADE EUROOPA STANDARDI OLEMASOLUST

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

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

### EN 16475-3:2016+A1:2018

**Korstnad. Tarvikud. Osa 3: Tõmberegulaatorid, seisakuaja avamiseadmed ja kombineeritud sekundaarõhu seadmed. Nõuded ja katsemeetodid**

**Chimneys - Accessories - Part 3: Draught regulators, standstill opening devices and combined secondary air devices - Requirements and test methods**

Eeldatav avaldamise aeg Eesti standardina 03.2019

## EESTI STANDARDI TÄHISE MUUDATUS

Eesti standardi EVS-EN 438-2:2016/A1:2018 „High-pressure decorative laminates (HPL) - Sheets based on thermosetting resins (usually called laminates) - Part 2: Determination of properties“ (jõustunud 03.01.2019 EVS Teatajas) tähise muutmine:

<b>Senine tähis</b>	<b>Uus tähis</b>
EVS-EN 438-2:2016/A1:2018	EVS-EN 438-2:2016+A1:2018

# UUED EESTIKEELSESD STANDARDID JA STANDARDILAADSED DOKUMENDID

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

## **EVS-EN 12566-4:2016**

### **Reovee väikepuhastid kuni 50 ie. Osa 4: Tehases valmistatud komplektidest kohapeal monteeritavad septikud**

#### **Small wastewater treatment systems for up to 50 PT - Part 4: Septic tanks assembled in situ from prefabricated kits**

See Euroopa standard määratleb nõuded tehases valmistatud komplektidest kohapeal monteeritavatele septikutele ja vajaduse korral lisaseadmetele, milliseid kasutatakse väljaspool hooneid olmereovee osaliseks puhastuseks elanikele kuni 50 ie. Määratletud on toru mõõtmed, koormused, veekindlus, märgistamine ja vastavuse hindamine. See Euroopa standard ei kehti septikutele, mis on ette nähtud ainult halli vee vastuvõtuks.

## **EVS-EN 12697-12:2018**

### **Asfaltsegud. Katsemeetodid. Osa 12: Asfaltsegust proovikehade veepüsivuse määramine** **Bituminous mixtures - Test methods - Part 12: Determination of the water sensitivity of bituminous specimens**

See Euroopa standard määratleb kolm katsemeetodit veega küllastamise ja kiirendatult konditsiooni viimise mõju määramiseks: — meetod A kasutab asfaltsegudest silindriliste proovikehade kaudset tõmbetugevust; — meetod B kasutab asfaltsegudest silindriliste proovikehade survetugevust; — meetodiga C määratakse asfaltsegu seotusmäär 1 tund pärast segamist, mil naket bituumeni ja täitematerjali vahel võib lugeda võrdseks seotusmääraga. Meetod C sobib pehmete asfaltsegude korral, mille bituumeni kinemaatiline viskoossus temperatuuril 60 °C on 4000 mm<sup>2</sup>/s või väiksem. Neid meetodeid võib kasutada, et hinnata vee mõju asfaltsegudele koos või ilma naket parandavate lisanditega, sh vedelad lisandid, nagu näiteks amiinid; ja fillerid, nagu näiteks kustutatud lubi või tsement.

## **EVS-EN 13501-1:2019**

### **Ehitustoodete ja -elementide tuleohutusala klassifikatsioon. Osa 1: Klassifikatsioon** **tuletundlikkuse katsete alusel**

#### **Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests**

See dokument käsitleb kõikide ehitustoodete, sealhulgas ehituselementidega ühendatud toodete tuletundlikkuse klassifikatsiooni, välja arvatud elektri-, juhtimis- ja sidekaablid, mis on hõlmatud standardiga EN 13501-6. Tooteid käsitletakse nende lõpprakenduse alusel. See dokument kehtib kolmele kategooriale, mida käsitletakse selles dokumendis eraldi: — ehitustooted, välja arvatud põrandakatted ja lineaarsed toru soojusisolatsioonitooted; — põrandakatted; — lineaarsed toru soojusisolatsioonitooted. MÄRKUS Ehitustoodete CE-märgistamisel võib kasutada ehitustoodete määruuse ((EÜ) 305/2011) kohaselt NPd valikut, kui tuletundlikkust ei deklareerita.

## **EVS-EN 16236:2018**

### **Täitematerjalide toimivuse püsivuse hindamine ja kontrollimine. Tüübikatsed ja tehase tootmisohje**

#### **Assessment and Verification of the Constancy of Performance (AVCP) of aggregates - Type testing and Factory Production Control**

See Euroopa standard spetsifitseerib nii tüübikatsetamise kui ka tehase tootmisohje protseduurid, mida kasutatakse täitematerjalide toimivuse püsivuse hindamisel ja tõendamisel. Lepingute raames tehtavad lisakatsed ei kuulu selle standardi käsitusallasse. See Euroopa standard on kohaldatav täitematerjalide Euroopa standarditele, kui vastavuse normatiivne märgistus on nõutav. See on rakendatav ka nendele täitematerjalide Euroopa standarditele, mille puhul regulatiivset märgistust ei kohaldata. See Euroopa standard on kohaldatav täitematerjalide tüübikatsetele ja tehase tootmisohjele standardite EN 12620, EN 13043, EN 13242, EN 13139, EN 13383-1 ja EN 13450 käsitusala ulatuses.

## **EVS-EN 16510-1:2018**

### **Elamute tahkekütteseadmed. Osa 1: Üldnõuded ja katsemeetodid**

#### **Residential solid fuel burning appliances - Part 1: General requirements and test methods**

See Euroopa standard on kohaldatav elamute tahkekütteseadmetele. See Euroopa standard sätestab nõuded, mis käsitlevad tahkel kütusel töötavate kütteseadmete (edaspidi seade või seadmed) projekteerimist, tootmist, konstruktsiooni, ohutust ja toimivust (soojuslik kasutegur ja heitmed), ning annab vastavad juhised. Lisaks esitab see sätted nõuetelevastavuse, st esmase tüübikatsetuse (initial type testing, ITT) ja tehase tootmisohje (factory production control, FPC) ning seadmete märgistamise hindamiseks. See Euroopa standard käsitleb ka CO, NO<sub>x</sub>, OGC ja tahkete osakeste (PM/PME – vt lisa F) heitmete mõõtmise katsemeetodeid, kuid ei esita nende heitmete piirväärtusi. Seadmeid, mis võtavad põlemisõhku väljastpoolt ebatihedaid välispiirdeid, ei loeta ruumivälise õhuvarustusega seadmeteks. Seda Euroopa standardit ei kohaldata kütteseadmetele, kus katla (või veesoojenduskontuuri) osad on vahetus kokkupuutes tule või suitsugaasidega, välja arvatud juhul, kui katla osad on valmistatud terasest või malmist. Seda Euroopa standardit ei kohaldata veesoojenduskontuuriga kütteseadmetele — mille vee temperatuur on üle 110 °C ja/või töö rõhk üle 3 baari; — millel on otsene kokkupuude kuumaga majapidamisveega. See Euroopa

standard ei käsitle kütteseadmeid, mis töötavad ventileerimisseadmetega, mis on ette nähtud töötamiseks seadme paigaldusruumis rõhuga alla 15 Pa välisõhu suhtes. See Euroopa standard ei käsitle seadmeid, mis on mõeldud kandma korstna raskust.

## **EVS-EN 1708-2:2019**

### **Keevitamine. Põhilised terasest keevisliite detailid. Osa 2: Survevabad komponendid Welding - Basic weld joint details in steel - Part 2: Non internal pressurized components**

Selle dokumendi eesmärk on näidata usaldusväärseid ja aktsepteeritud keevisühendusi, mis kohalduvad survevabadele keevitatud komponentidele. See ei edenda ühenduste standardiseerimist, mida võiks pidada kohustuslikuks või arendust mis tahes viisil piiravaks. Vajaduse korral arvestatakse kandevõime, otstarbeks sobivuse (fitness for purposes), väsimuse ja korrosioonipingete nõuetega. See dokument sisaldab näiteid ühendustest, mis on keevitatud järgmiste protsessidega (protsessinumbrid standardi EN ISO 4063 kohaselt): — käsikaarkeevitus (111); — täidistraadiga kaarkeevitus ilma kaitsegaasita (114); — räubustikaarkeevitus (12); — MIG-keevitus; täistraat metallkaarkeevitus inertgaasis (131); — MAG-keevitus; täistraat metallkaarkeevitus aktiivgaasis (135); — MAG-keevitus räubtäidistraadiga; räubtäidistraat metallkaarkeevitus aktiivgaasis (136); — MAG-keevitus metalltäidistraadiga; metalltäidistraat metallkaarkeevitus aktiivgaasis (138); — MIG-keevitus räubtäidistraadiga; räubtäidistraat metallkaarkeevitus aktiivgaasis (132); — MIG-keevitus metalltäidistraadiga; metalltäidistraat metallkaarkeevitus inertgaasis (133); — TIG-keevitus; kaitsegaaskaarkeevitus sulamatu volframelektroodiga (14). Muud protsessid kokkuleppel. Lisanõudeid käsitletakse olemasolevate rakendusstandardite kohaselt.



## 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](mailto:enquiry@evs.ee).

Dokumendi tähis	Muudetav pealkiri	Uus pealkiri
EVS-EN 12566-4:2016	Reovee väikepuhastid kuni 50 ie. Osa 4: Tehases valmistatud elementidest kohapeal monteeritavad septikud	Reovee väikepuhastid kuni 50 ie. Osa 4: Tehases valmistatud komplektidest kohapeal monteeritavad septikud

### UUED EESTIKEELSE PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 12697-12:2018	Bituminous mixtures - Test methods - Part 12: Determination of the water sensitivity of bituminous specimens	Asfaltsegud. Katsemeetodid. Osa 12: Asfaltsegust proovikehade veepüsivuse määramine
EVS-EN 16510-1:2018	Residential solid fuel burning appliances - Part 1: General requirements and test methods	Elamute tahkekütteseadmed. Osa 1: Üldnõuded ja katsemeetodid