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EVS koordinaator Lauri Pähklimägi (lauri@evs.ee)

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Komitee esimees: Priit Kasepalu
EVS koordinaator Mihkel Siitam (mihkel@evs.ee)

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN ISO 19496-1:2017

Vitreous and porcelain enamels - Terminology - Part 1: Terms and definitions (ISO 19496-1:2017)

ISO 19496-1:2017 defines a number of terms relating to vitreous and porcelain enamels and their technology. This list is not complete and only comprises those terms for which the definition is considered necessary for correct and adequate understanding in order to clarify these processes. The interpretations given are those corresponding to the practical usage in this field and they do not necessarily coincide with those used in other fields. For purposes of clarification, the term "vitreous enamel", used throughout this document, is synonymous with "porcelain enamel", the term favoured in the United States and some other countries.

Keel: en
Alusdokumendid: ISO 19496-1:2017; EN ISO 19496-1:2017
Asendab dokumenti: EVS-EN 15826:2010

EVS-EN ISO 19496-2:2017

Vitreous and porcelain enamels - Terminology - Part 2: Visual representations and descriptions (ISO 19496-2:2017)

ISO 19496-2:2017 establishes a system for the cataloguing of defects in sheet steel enamelling. It serves for a consistent language use concerning the designation and characterization of enamelling defects. This document is limited to detectable defects and does not purport to fully take into consideration all occurring types of defects. It does not evaluate enamelling defects; the classification carried out serves for the conveyance of practical knowledge.

Keel: en
Alusdokumendid: ISO 19496-2:2017; EN ISO 19496-2:2017

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

CEN ISO/TS 17574:2017

Electronic fee collection - Guidelines for security protection profiles (ISO/TS 17574:2017)

ISO/TS 17574:2017 provides guidelines for preparation and evaluation of security requirements specifications, referred to as Protection Profiles (PP) in ISO/IEC 15408 (all parts) and in ISO/IEC TR 15446. By Protection Profile (PP), it means a set of security requirements for a category of products or systems that meet specific needs. A typical example would be a PP for On-Board Equipment (OBE) to be used in an EFC system. However, the guidelines in this document are superseded if a Protection Profile already exists for the subsystem in consideration.

Keel: en
Alusdokumendid: ISO/TS 17574:2017; CEN ISO/TS 17574:2017
Asendab dokumenti: CEN ISO/TS 17574:2009

CEN ISO/TS 19091:2017

Intelligent transport systems - Cooperative ITS - Using V2I and I2V communications for applications related to signalized intersections (ISO/TS 19091:2017)

ISO/TS 19091:2017 defines the message, data structures, and data elements to support exchanges between the roadside equipment and vehicles to address applications to improve safety, mobility and environmental efficiency. In order to verify that the defined messages will satisfy these applications, a systems engineering process has been employed that traces use cases to requirements and requirements to messages and data concepts. This document consists of a single document that contains the base specification and a series of annexes. The base specification lists the derived information requirements (labelled informative) and references to other standards for message definitions where available. Annex A contains descriptions of the use cases addressed by this document. Annex B and Annex C contain traceability matrices that relate use cases to requirements and requirements to the message definitions (i.e. data frames and data elements). The next annexes list the base message requirements and application-oriented specific requirements (requirements traceability matrix) that map to the message and data concepts to be implemented. As such, an implementation consists of the base plus an additional group of extensions within this document. Details on information requirements, for other than SPaT, MAP, SSM, and SRM messages are provided in other International Standards. The focus of this document is to specify the details of the SPaT, MAP, SSM, and SRM supporting the use cases defined in this document. Adoption of these messages varies by region and their adoption may occur over a significant time period. ISO/TS 19091:2017 covers the interface between roadside equipment and vehicles. Applications, their internal algorithms, and the logical distribution of application functionality over any specific system architecture are outside the scope of this document.

Keel: en
Alusdokumendid: ISO/TS 19091:2017; CEN ISO/TS 19091:2017

EVS-EN ISO 11121:2017

Recreational diving services - Requirements for introductory programmes to scuba diving (ISO 11121:2017)

ISO 11121:2017 specifies minimum programme content requirements for training organizations for introductory scuba experiences in recreational scuba diving. Under no conditions are these requirements considered to be a standard for the training and qualification of scuba divers. ISO 11121:2017 applies to programmes that include participants being taken into an open water environment. It does not apply to programmes that are exclusively conducted in a confined water environment (e.g. swimming pools). ISO 11121:2017 also specifies the conditions under which this service is to be provided, which supplement the general requirements for recreational diving services specified in ISO 24803.

Keel: en
Alusdokumendid: ISO 11121:2017; EN ISO 11121:2017

EVS-EN ISO 24803:2017

Recreational diving services - Requirements for recreational diving providers (ISO 24803:2017)

ISO 24803:2017 specifies requirements for service providers in the field of recreational scuba diving and snorkelling excursions. It specifies the following areas of service provision: - introductory diving activities; - snorkelling excursions; - provision of training and education; - organized and guided diving for qualified divers; - rental of diving and snorkelling equipment. Service providers can offer one or more of these services. ISO 24803:2017 specifies the nature and quality of the services to the client. ISO 24803:2017 does not apply to freediving (also called "apnea diving").

Keel: en
Alusdokumendid: ISO 24803:2017; EN ISO 24803:2017
Asendab dokumenti: EVS-EN 14467:2004

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN ISO 15216-1:2017

Microbiology of the food chain - Horizontal method for determination of hepatitis A virus and norovirus using real-time RT-PCR - Part 1: Method for quantification (ISO 15216-1:2017)

ISO 15216-1:2017 specifies a method for the quantification of levels of HAV and norovirus genogroup I (GI) and II (GII) RNA, from test samples of foodstuffs (soft fruit, leaf, stem and bulb vegetables, bottled water, BMS) or food surfaces. Following liberation of viruses from the test sample, viral RNA is then extracted by lysis with guanidine thiocyanate and adsorption on silica. Target sequences within the viral RNA are amplified and detected by real-time RT-PCR. This method is not validated for detection of the target viruses in other foodstuffs (including multi-component foodstuffs), or any other matrices, nor for the detection of other viruses in foodstuffs, food surfaces or other matrices.

Keel: en
Alusdokumendid: ISO 15216-1:2017; EN ISO 15216-1:2017
Asendab dokumenti: CEN ISO/TS 15216-1:2013

EVS-EN ISO 29621:2017

Cosmetics - Microbiology - Guidelines for the risk assessment and identification of microbiologically low-risk products (ISO 29621:2017)

ISO 29621:2017 gives guidance to cosmetic manufacturers and regulatory bodies to help define those finished products that, based on a risk assessment, present a low risk of microbial contamination during production and/or intended use, and therefore, do not require the application of microbiological International Standards for cosmetics.

Keel: en
Alusdokumendid: ISO 29621:2017; EN ISO 29621:2017
Asendab dokumenti: EVS-EN ISO 29621:2011

EVS-EN ISO 6887-1:2017

Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 1: General rules for the preparation of the initial suspension and decimal dilutions (ISO 6887-1:2017)

ISO 6887-1:2017 defines general rules for the aerobic preparation of the initial suspension and of dilutions for microbiological examinations of products intended for human or animal consumption. ISO 6887-1:2017 is applicable to the general case and other parts apply to specific groups of products as mentioned in the foreword. Some aspects might also be applicable to molecular methods where matrices can be associated with inhibition of the PCR steps and consequently affect the test result. ISO 6887-1:2017 excludes preparation of samples for both enumeration and detection test methods where preparation instructions are detailed in specific International Standards.

Keel: en
Alusdokumendid: ISO 6887-1:2017; EN ISO 6887-1:2017
Asendab dokumenti: EVS-EN ISO 6887-1:2001

EVS-EN ISO 6887-2:2017

Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 2: Specific rules for the preparation of meat and meat products (ISO 6887-2:2017)

ISO 6887-2:2017 specifies rules for the preparation of meat and meat product samples and their suspension for microbiological examination when the samples require different preparation from the methods described in ISO 6887- 1. ISO 6887- 1 defines the general rules for the preparation of the initial suspension and dilutions for microbiological examination. ISO 6887-2:2017 excludes preparation of samples for both enumeration and detection test methods where preparation details are specified in the relevant International Standards. ISO 6887-2:2017 is applicable to the following fresh, raw and processed meats, poultry and game and their products: - refrigerated or frozen; - cured or fermented; - minced or comminuted; - meat preparations; - mechanically separated meat; - cooked meats; - dried and smoked meats at various degrees of dehydration; - concentrated meat extracts; - excision and swab samples from carcasses. ISO 6887-2:2017 excludes the sampling of carcasses (see ISO 17604) and preparation of samples from the primary production stage (see ISO 6887- 6).

Keel: en
Alusdokumendid: ISO 6887-2:2017; EN ISO 6887-2:2017
Asendab dokumenti: EVS-EN ISO 6887-2:2003

EVS-EN ISO 6887-3:2017

Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 3: Specific rules for the preparation of fish and fishery products (ISO 6887-3:2017)

ISO 6887-3:2017 specifies rules for the preparation of fish and fishery product samples and their suspension for microbiological examination when the samples require a different preparation from the methods described in ISO 6887- 1. ISO 6887- 1 defines the general rules for the preparation of the initial suspension and dilutions for microbiological examination. ISO 6887-3:2017 includes special procedures for sampling raw molluscs, tunicates and echinoderms from primary production areas. NOTE 1 Sampling of raw molluscs, tunicates and echinoderms from primary production areas is included in this document, rather than ISO 13307, which specifies rules for sampling from the terrestrial primary production stage. ISO 6887-3:2017 excludes preparation of samples for both enumeration and detection test methods where preparation details are specified in the relevant International Standards (e.g. ISO/TS 15216- 1 and ISO/TS 15216- 2 for determination of hepatitis A virus and norovirus in food using real-time RT-PCR). ISO 6887-3:2017 is intended to be used in conjunction with ISO 6887- 1. It is applicable to the following raw, processed or frozen fish and shellfish and their products (see Annex A for classification of major taxa): a) Raw fishery products, molluscs, tunicates and echinoderms including: - whole fish or fillets, with or without skin and heads, and gutted; - crustaceans, whole or shelled; - cephalopods; - bivalve molluscs; - gastropods; - tunicates and echinoderms. b) Processed products including: - smoked fish, whole or prepared fillets, with or without skin; - cooked or partially cooked, whole or shelled crustaceans, molluscs, tunicates and echinoderms; - cooked or partially cooked fish and fish-based multi-component products. c) Raw or cooked frozen fish, crustaceans, molluscs and others, in blocks or otherwise, including: - fish, fish fillets and pieces; - whole and shelled crustacean (e.g. flaked crab, prawns), molluscs, tunicates and echinoderms. NOTE 2 The purpose of examinations performed on these samples can be either hygiene testing or quality control. However, the sampling techniques described in this document relate mainly to hygiene testing (on muscle tissues).

Keel: en
Alusdokumendid: ISO 6887-3:2017; EN ISO 6887-3:2017
Asendab dokumenti: EVS-EN ISO 6887-3:2003

EVS-EN ISO 6887-4:2017

Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 4: Specific rules for the preparation of miscellaneous products (ISO 6887-4:2017)

ISO 6887-4:2017 specifies rules for the preparation of samples and dilutions for the microbiological examination of specific food products not covered in other parts of ISO 6887, which deal with more general categories. This document covers a wide range of miscellaneous products, but does not include new products brought on to the market after publication. ISO 6887- 1 defines the general rules for the preparation of the initial suspension and dilutions for microbiological examination. ISO 6887-4:2017 excludes preparation of samples for both enumeration and detection test methods when preparation details are specified in the relevant International Standards. ISO 6887-4:2017 is applicable to the following products: - acidic (low pH) products; - hard and dry products; - dehydrated, freeze-dried and other low aw products (including those with inhibitory properties); - flours, whole cereal grains, cereal by-products; - animal feed, cattle cake, kibbles and pet chews; - gelatine (powdered and leaf); - margarines, spreads and non-dairy products with added water; - eggs and egg products; - bakery goods, pastries and cakes; - fresh fruit and vegetables; - fermented products and other products containing viable microorganisms; - alcoholic and non-alcoholic beverages; - alternative protein products.

Keel: en
Alusdokumendid: ISO 6887-4:2017; EN ISO 6887-4:2017
Asendab dokumenti: EVS-EN ISO 6887-4:2003
Asendab dokumenti: EVS-EN ISO 6887-4:2003/A1:2011
Asendab dokumenti: EVS-EN ISO 6887-4:2003+A1:2011

11 TERVISEHOOLDUS

EVS-EN ISO 11138-1:2017

Tervishoiutoodete steriliseerimine. Bioloogilised indikaatorid. Osa 1: Üldnõuded
Sterilization of health care products - Biological indicators - Part 1: General requirements (ISO 11138-1:2017)

ISO 11119-1:2017 specifies general requirements for production, labelling, test methods and performance characteristics of biological indicators, including inoculated carriers and suspensions, and their components, to be used in the validation and routine monitoring of sterilization processes. ISO 11119-1:2017 specifies basic and common requirements that are applicable to all parts of ISO 11138. Requirements for biological indicators for particular specified processes are provided in the relevant parts of ISO 11138. If no specific subsequent part is provided, this document applies. NOTE National or regional regulations can apply. ISO 11119-1:2017 does not apply to microbiological test systems for processes that rely on physical removal of microorganisms, e.g. filtration processes or processes that combine physical and/or mechanical removal with microbiological inactivation, such as use of washer disinfectors or flushing and steaming of pipelines. This document, however, can contain elements relevant to such microbiological test systems.

Keel: en
Alusdokumendid: ISO 11138-1:2017; EN ISO 11138-1:2017
Asendab dokumenti: EVS-EN ISO 11138-1:2006

EVS-EN ISO 11138-2:2017

Tervishoiutoodete steriliseerimine. Bioloogilised indikaatorid. Osa 2: Bioloogilised indikaatorid etüleenoksiidiga steriliseerimise protsessides
Sterilization of health care products - Biological indicators - Part 2: Biological indicators for ethylene oxide sterilization processes (ISO 11138-2:2017)

ISO 11138-2:2017 specifies requirements for test organisms, suspensions, inoculated carriers, biological indicators and test methods intended for use in assessing the performance of sterilizers and sterilization processes employing ethylene oxide gas as the sterilizing agent, either as pure ethylene oxide gas or mixtures of this gas with diluent gases, at sterilizing temperatures within the range of 29 °C to 65 °C. NOTE 1 Requirements for validation and control of ethylene oxide sterilization processes are provided by ISO 11135 and ISO 14937. NOTE 2 National or regional regulations can provide requirements for work place safety.

Keel: en
Alusdokumendid: ISO 11138-2:2017; EN ISO 11138-2:2017
Asendab dokumenti: EVS-EN ISO 11138-2:2009

EVS-EN ISO 11138-3:2017

Tervishoiutoodete steriliseerimine. Bioloogilised indikaatorid. Osa 3: Bioloogilised indikaatorid niiske kuumusega steriliseerimise protsessides
Sterilization of health care products - Biological indicators - Part 3: Biological indicators for moist heat sterilization processes (ISO 11138-3:2017)

ISO 11138-3:2017 specifies requirements for test organisms, suspensions, inoculated carriers, biological indicators and test methods intended for use in assessing the performance of sterilization processes employing moist heat as the sterilizing agent. NOTE 1 Requirements for validation and control of moist heat sterilization processes are provided by the ISO 17665 series. NOTE 2 National or regional regulations can provide requirements for work place safety.

Keel: en
Alusdokumendid: ISO 11138-3:2017; EN ISO 11138-3:2017
Asendab dokumenti: EVS-EN ISO 11138-3:2009

EVS-EN ISO 11138-4:2017

Tervishoiutoodete steriliseerimine. Bioloogilised indikaatorid. Osa 4: Bioloogilised indikaatorid kuiva kuumusega steriliseerimise protsessides
Sterilization of health care products - Biological indicators - Part 4: Biological indicators for dry heat sterilization processes (ISO 11138-4:2017)

This document specifies requirements for test organisms, suspensions, inoculated carriers, biological indicators and test methods intended for use in assessing the performance of sterilization processes employing dry heat as the sterilizing agent at sterilizing temperatures within the range of 120 °C to 180 °C. NOTE 1 Requirements for validation and control of dry heat sterilization processes are provided by ISO 20857. NOTE 2 Requirements for work place safety can be provided by national or regional regulations.

Keel: en
Alusdokumendid: EN ISO 11138-4:2017; ISO 11138-4:2017
Asendab dokumenti: EVS-EN ISO 11138-4:2006

EVS-EN ISO 11138-5:2017

Tervishoiutoodete steriliseerimine. Bioloogilised indikaatorid. Osa 5: Bioloogilised indikaatorid madaltemperatuurse aur- ja formaldehüüdsteriliseerimise protsessides

Sterilization of health care products - Biological indicators - Part 5: Biological indicators for low-temperature steam and formaldehyde sterilization processes (ISO 11138-5:2017)

ISO 11138-5:2017 specifies requirements for test organisms, suspensions, inoculated carriers, biological indicators and test methods intended for use in assessing the performance of sterilization processes employing low-temperature steam and formaldehyde as the sterilizing agent. NOTE 1 Requirements for validation and control of low-temperature steam and formaldehyde sterilization processes are provided by ISO 14937. NOTE 2 Requirements for work place safety can be provided by national or regional regulations.

Keel: en
Alusdokumendid: ISO 11138-5:2017; EN ISO 11138-5:2017
Asendab dokumenti: EVS-EN ISO 11138-5:2006

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 12101-2:2017

Suitsu ja kuumuse kontrollsüsteemid. Osa 2: Loomulikul teel suitsu ja kuumust eemaldavad luugid
Smoke and heat control systems - Part 2: Natural smoke and heat exhaust ventilators

This European Standard applies to natural smoke and heat exhaust ventilators (NSHEV) operating as part of smoke and heat exhaust systems (NSHEVS), placed on the market. This standard specifies requirements and gives test methods for natural smoke and heat exhaust ventilators which are intended to be installed in smoke and heat control systems in buildings.

Keel: en
Alusdokumendid: EN 12101-2:2017
Asendab dokumenti: EVS-EN 12101-2:2005

EVS-EN 1366-10:2011+A1:2017

Tehnoseadmete tulepüsivuse katsed. Osa 10: Suitsutõrjesiibrid
Fire resistance tests for service installations - Part 10: Smoke control dampers

This European Standard specifies test methods for smoke control dampers to assess their performance under elevated temperature or fire conditions. It needs to be noted that the smoke control damper to be tested may require testing to EN 1366-2 and that this needs to be considered before carrying out these tests. Smoke control damper tests are required to confirm that the furnace testing requirements of EN 12101-8 are met and EN 12101-8 needs to be considered before carrying out these tests. Smoke control dampers tested to this European Standard should be classified using EN 13501-4 and this European Standard needs to be considered before carrying out these tests. To this end this European Standard needs to be read in conjunction with EN 12101-8, EN 13501-4, EN 1366-2 and EN 1363-1, the latter giving further details for fire resistance testing. For installation details the requirements for smoke extraction ducts need to be considered and these are defined in EN 1366-8 and EN 1366-9.

Keel: en
Alusdokumendid: EN 1366-10:2011+A1:2017
Asendab dokumenti: EVS-EN 1366-10:2011

EVS-EN 6059-304:2017

Aerospace series - Electrical cables, installation - Protection sleeves - Test methods - Part 304: Flammability

This European Standard specifies methods for determining the flammability characteristics of protective sleeves, including heat shrink dual wall sleeves, for electric cable and cable bundles. It shall be used together with EN 6059-100. These tests are designed to satisfy the requirements in JAR-25 Section 1, Part 1, Appendix F. There are two methods included in this standard: Method 1 - Applicable for textile fabric sleeves. Method 2 - Applicable non-textile sleeves for use on electrical/ optical cables and harness components.

Keel: en
Alusdokumendid: EN 6059-304:2017

EVS-EN ISO 11272:2017

Soil quality - Determination of dry bulk density (ISO 11272:2017)

ISO 11272:2017 specifies three methods for the determination of dry bulk density of soils calculated from the mass and the volume of a soil sample. The methods involve drying and weighing a soil sample, the volume of which is either known [core method (see 4.1)] or determined [excavation method (see 4.2) and clod method (see 4.4)].

Keel: en
Alusdokumendid: ISO 11272:2017; EN ISO 11272:2017
Asendab dokumenti: EVS-EN ISO 11272:2014

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 1793-1:2017

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 1: Intrinsic characteristics of sound absorption under diffuse sound field conditions

This European Standard specifies the laboratory method for measuring the sound absorption performance of road traffic noise reducing devices in reverberant conditions. It covers the assessment of the intrinsic sound absorption performance of devices that can reasonably be assembled inside the testing facility described in EN ISO 354. This method is not intended for the determination of the intrinsic characteristics of sound absorption of noise reducing devices to be installed on roads in non-reverberant conditions. The test method in EN ISO 354 referred to in this European Standard excludes devices that act as weakly damped resonators. Some devices will depart significantly from these requirements and in these cases, care is needed in interpreting the results.

Keel: en
Alusdokumendid: EN 1793-1:2017
Asendab dokumenti: EVS-EN 1793-1:2012

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

Elektrimõõteseadmed vahelduvvoolule. Erinõuded. Osa 23: Staatilised reaktiivenergia arvestid (klass 2 ja 3)
Electricity metering equipment (a.c.) - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) (IEC 62053-23:2003/A1:2016)

Standardi EVS-EN 62053-23:2003 muudatus.

Keel: en, et
Alusdokumendid: IEC 62053-23:2003/A1:2016; EN 62053-23:2003/A1:2017
Muudab dokumenti: EVS-EN 62053-23:2003

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

Elektrimõõteseadmed vahelduvvoolule. Erinõuded. Osa 23: Staatilised reaktiivenergia arvestid (klass 2 ja 3)
Electricity metering equipment (a.c.) - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) (IEC 62053-23:2003 + IEC 62053-23:2003/A1:2016)

Käesolev EVS-EN 62053 osa kehtib uutele toodetud täpsusklassi 2 ja 3 staatilistele 50 Hz või 60 Hz vahelduv¬voolu võrkudes reaktiivenergia hulga mõõtmise arvestitele ning rakendub ainult nende tüübikatsetustele. Praktilistel kaalutlustel põhineb käesolev standard ainult põhisagedust sisaldavale sinusoidaalsete pingete ja vooludega reaktiivenergia kokkuleppelisele määratlusele. Standard laieneb ainult sise-ja välipaigalduse staatilistele reaktiivenergia (var-tunni) arvestitele, mis sisaldavad mõõteelementi ja registr(eid)it. See laieneb ka kontrollväljundi(te)le ja tööindikaatori(te)le. Kui arvesti omab mõõteelementi(te) rohkem kui ühele energiatüübile (multi-energiaarvestid) või kui see sisaldab oma korpuses teisi funktsionaalseid elemente, nagu maksimaalkoormuse indikaatoreid, elektroonseid tariifiregistreid, lülituskellasid, kaugjuhtimisvastuvõtjaid, andmeedastuse sobituselemente jne, siis rakenduvad ka nende elementide asjaomased standardid. Standard ei laiene: — var-tund arvestitele, mille ühendusklemmide vaheline pinge ületab 600 V (mitmefaasiliste süsteemide faaside vaheline pinge); — kaasakantavatele arvestitele; — arvesti registri andmeedastuselementidele; — etalonarvestitele. Töökindluse aspekte käsitlevad IEC 62059 seeria standardid. Turvalisusnõuded on kaetud standardis IEC 62052-31:2015.

Keel: en, et
Alusdokumendid: EN 62053-23:2003; IEC 62053-23:2003; EN 62053-23:2003/A1:2017; IEC 62053-23:2003/A1:2016
Konsolideerib dokumenti: EVS-EN 62053-23:2003
Konsolideerib dokumenti: EVS-EN 62053-23:2003/A1:2017

EVS-EN 62053-24:2015/A1:2017

Vahelduvvoolu-mõõteseadmed. Erinõuded. Osa 24: Staatilised põhisagedus-reaktiivenergiaarvestid (klassid 0,5 S, 1 S ja 1)
Electricity metering equipment (a.c.) - Particular requirements - Part 24: Static meters for reactive energy at fundamental frequency (classes 0,5 S, 1 S and 1)

IEC 62053-24:2014 applies only to newly manufactured transformer operated static var-hour meters of accuracy classes 0,5 S, and 1 S as well as direct connected static var-hour meters of accuracy class 1, for the measurement of alternating current electrical reactive energy in 50 Hz or 60 Hz networks and it applies to their type tests only. It 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.

Keel: en
Alusdokumendid: IEC 62053-24:2014/A1:2016; EN 62053-24:2015/A1:2017
Muudab dokumenti: EVS-EN 62053-24:2015

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 13480-5:2016/A3:2017

Metallist tööstustorustik. Osa 5: Kontroll ja katsetamine
Metallic industrial piping - Part 5: Inspection and testing

This part of EN 13480 describes the requirements for inspection and testing to be performed on individual spools or piping systems, including supports, designed in accordance with EN 13480-3 and fabricated and installed in accordance with EN 13480-4.

Keel: en
Alusdokumendid: EN 13480-5:2012/A3:2017
Muudab dokumenti: EVS-EN 13480-5:2016

25 TOOTMISTEHNOLOOGIA

EVS-EN 13523-27:2017

Coil coated metals - Test methods - Part 27: Resistance to humid poultice (Cataplasm test)

This part of the EN 13523 series specifies a procedure for evaluating the resistance of an organic coating on a metallic substrate (coil coating) in conditions of extreme humidity (acid, alkaline and/or neutral).

Keel: en
Alusdokumendid: EN 13523-27:2017
Asendab dokumenti: EVS-EN 13523-27:2009

EVS-EN ISO 18276:2017

Welding consumables - Tubular cored electrodes for gas-shielded and non-gas-shielded metal arc welding of high strength steels - Classification (ISO 18276:2017)

ISO 18276:2017 specifies the requirements for classification of tubular cored electrodes with or without a gas shield for metal arc welding of high-strength steels in the as-welded condition or in the post-weld heat-treated condition with a minimum yield strength higher than 550 MPa or a minimum tensile strength higher than 590 MPa. One tubular cored electrode can be tested and classified with different shielding gases, if used with more than one. ISO 18276:2017 is a combined specification providing classification utilizing a system based upon the yield strength and an average impact energy of 47 J of the all-weld metal, or utilizing a system based upon the tensile strength and an average impact energy of 27 J of the all-weld metal. - Subclauses and tables which carry the suffix letter "A" are applicable only to tubular cored electrodes classified under the system based upon the yield strength and an average impact energy of 47 J of the all-weld metal given in this document. - Subclauses and tables which carry the suffix letter "B" are applicable only to tubular cored electrodes classified under the system based upon the tensile strength and an average impact energy of 27 J of the all-weld metal given in this document. - Subclauses and tables which do not have either the suffix letter "A" or the suffix letter "B" are applicable to all tubular cored electrodes classified under this document. It is recognized that the operating characteristics of tubular cored electrodes can be modified by the use of pulsed current but, for the purposes of this document, pulsed current is not used for determining the electrode classification.

Keel: en
Alusdokumendid: ISO 18276:2017; EN ISO 18276:2017
Asendab dokumenti: EVS-EN ISO 18276:2006

EVS-EN ISO 19496-1:2017

Vitreous and porcelain enamels - Terminology - Part 1: Terms and definitions (ISO 19496-1:2017)

ISO 19496-1:2017 defines a number of terms relating to vitreous and porcelain enamels and their technology. This list is not complete and only comprises those terms for which the definition is considered necessary for correct and adequate understanding in order to clarify these processes. The interpretations given are those corresponding to the practical usage in this field and they do not necessarily coincide with those used in other fields. For purposes of clarification, the term "vitreous enamel", used throughout this document, is synonymous with "porcelain enamel", the term favoured in the United States and some other countries.

Keel: en
Alusdokumendid: ISO 19496-1:2017; EN ISO 19496-1:2017
Asendab dokumenti: EVS-EN 15826:2010

EVS-EN ISO 19496-2:2017

Vitreous and porcelain enamels - Terminology - Part 2: Visual representations and descriptions (ISO 19496-2:2017)

ISO 19496-2:2017 establishes a system for the cataloguing of defects in sheet steel enamelling. It serves for a consistent language use concerning the designation and characterization of enamelling defects. This document is limited to detectable defects and does not purport to fully take into consideration all occurring types of defects. It does not evaluate enamelling defects; the classification carried out serves for the conveyance of practical knowledge.

Keel: en
Alusdokumendid: ISO 19496-2:2017; EN ISO 19496-2:2017

27 ELEKTRI- JA SOOJUSENERGEETIKA

CEN/TR 15316-6-1:2017

Energy performance of buildings- Method for calculation of system energy requirements and system efficiencies - Part 6-1: Explanation and justification of EN 15316-1, Module M3-1, M3-4, M3-9, M8-1, M8-4

This Technical Report (CEN/TR 15316-6-1) specifies details for EN 15316-1 and gives additional information for the application of EN 15316-1.

Keel: en
Alusdokumendid: CEN/TR 15316-6-1:2017

CEN/TR 15316-6-7:2017

Energy performance of buildings - Method for calculation of system energy requirements and system efficiencies - Part 6-7: Explanation and justification of EN 15316-4-4, Module M8-3-4, M8-8-4, M8-11-4

This Technical Report (CEN/TR 15316-6-7) specifies details for EN 15316-4-4 and gives additional information for the application of EN 15316-4-4.

Keel: en
Alusdokumendid: CEN/TR 15316-6-7:2017

EVS-EN 61400-25-6:2017

Wind energy generation systems - Part 25-6: Communications for monitoring and control of wind power plants - Logical node classes and data classes for condition monitoring

IEC 61400-25-6:2016(E) specifies the information models related to condition monitoring for wind power plants and the information exchange of data values related to these models. This standard is to be used with other standards of the IEC 61400-25 series. This new edition includes the following significant technical changes with respect to the previous edition: - major restructuring of the data model to accommodate flexibility; removal of UFF58 format; - access to data using the standard reporting and logging functions; - recommendations for creating data names to accommodate flexibility.

Keel: en
Alusdokumendid: IEC 61400-25-6:2016; EN 61400-25-6:2017
Asendab dokumenti: EVS-EN 61400-25-6:2011

29 ELEKTROTEHNIKA

EVS-EN 60079-30-1:2017

Explosive atmospheres - Part 30-1: Electrical resistance trace heating - General and testing requirements

This part of IEC 60079 specifies general and testing requirements for electrical resistance trace heaters for application in explosive gas atmospheres. The standard covers trace heaters that may comprise either factory- or field- (work-site) assembled units, and which may be series heating cables, parallel heating cables or heating pads and heating panels that have been assembled and/or terminated in accordance with the manufacturers instructions. This standard also includes requirements for termination assemblies and control methods used with trace heating. The hazardous areas referred to by this standard are those defined in IEC 60079-10.Where a requirement of this standard conflicts with a requirement of IEC 60079-0, the requirement of this standard shall take precedence.

Keel: en
Alusdokumendid: IEC/IEEE 60079-30-1:2015; EN 60079-30-1:2017
Asendab dokumenti: EVS-EN 60079-30-1:2007

EVS-EN 60674-3-8:2011/A1:2017

Plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheet 8: Balanced biaxially oriented polyethylene naphthalate (PEN) films used for electrical insulation

Amendment for EN 60674-3-8:2011

Keel: en
Alusdokumendid: IEC 60674-3-8:2011/A1:2016; EN 60674-3-8:2011/A1:2017
Muudab dokumenti: EVS-EN 60674-3-8:2011

31 ELEKTROONIKA

EVS-EN 60444-8:2017

Measurement of quartz crystal unit parameters - Part 8 : Test fixture for surface mounted quartz crystal units

IEC 60444-8:2016(E) describes test fixtures suitable for leadless surface mounted quartz crystal units in enclosures as defined in IEC 61837 (all parts). These fixtures allow the measurement of (series) resonance frequency, (series) resonance resistance, and

equivalent electrical circuit parameters L1, C1 and C0 using the measurement techniques specified in IEC 60444-5 and for the determination of load resonance frequency and load resonance resistance according to IEC TR 60444-4 and IEC 60444-11. Two test fixtures are described in this document: 1) A fixture using the p-network circuit with electrical values as described in IEC 60444-1 for measurements in transmission mode up to 500 MHz. This fixture includes optional means to add physical load capacitors for the measurement of load resonance parameters up to 30 MHz in accordance with IEC 60444-4. The range of load capacitance is 10 pF or more. Calibration of the measurement system and CL adapter board is explained hereinafter. 2) A fixture based on the reflection method, suitable for a frequency range up to 1 200 MHz. No provisions for adding a physical load capacitance are anticipated. Load resonance parameters can be measured by using the method of IEC 60444-11. This edition includes the following significant technical changes with respect to the previous edition: a) modification of Clause 1; b) modification of 5.2; c) modification of 5.3; d) modification of 5.4; e) 6.3 Calibration of the reflection measurement system.

Keel: en
Alusdokumendid: IEC 60444-8:2016; EN 60444-8:2017
Asendab dokumenti: EVS-EN 60444-8:2004

EVS-EN 62435-5:2017

Electronic components - Long-term storage of electronic semiconductor devices - Part 5: Die and wafer devices

IEC 62435-5:2017 is applicable to long-term storage of die and wafer devices and establishes specific storage regimen and conditions for singulated bare die and partial or complete wafers of die including die with added structures such as redistribution layers and solder balls or bumps or other metallisation. This part also provides guidelines for special requirements and primary packaging that contain the die or wafers for handling purposes. Typically, this part is used in conjunction with IEC 62435-1:2017 for long-term storage of devices whose duration can be more than 12 months for products scheduled for long duration storage.

Keel: en
Alusdokumendid: IEC 62435-5:2017; EN 62435-5:2017

EVS-EN 62739-3:2017

Test method for erosion of wave soldering equipment using molten lead-free solder alloy - Part 3: Selection guidance of erosion test methods

IEC 62739-3:2017(E) describes the selection methodology of an appropriate evaluating test method for the erosion of the metal materials without or with surface processing intended to be used for lead-free wave soldering equipment as a solder bath and other components which are in contact with the molten solder.

Keel: en
Alusdokumendid: IEC 62739-3:2017; EN 62739-3:2017

33 SIDETEHNIKA

EVS-EN 300 113 V2.2.1:2017

Liikuv maaside; Antenniühendusega pidevat või vahelduvat mähisjoone modulatsiooni kasutavad raadioseadmed andme- ja/või kõneedastuseks; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Land Mobile Service; Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

The present document covers the technical requirements for radio transmitters and receivers used in stations in the Private Mobile Radio (PMR) service. It applies to use in the land mobile service, operating on radio frequencies between 30 MHz and 1 GHz, with channel separations of 12,5 kHz, 20 kHz and 25 kHz, intended for speech and/or data. Table 1: Radiocommunications service frequency bands Radiocommunications service frequency bands Transmit 30 MHz to 1 000 MHz Receive 30 MHz to 1 000 MHz It applies to equipment for continuous and/or discontinuous transmission of data and/or digital speech. The equipment comprises a transmitter and associated encoder and modulator and/or a receiver and associated demodulator and decoder. The types of equipment covered by the present document are as follows: • base station (equipment fitted with an antenna connector, intended for use in a fixed location); • mobile station (equipment fitted with an antenna connector, normally used in a vehicle or as a transportable); and • those handportable stations: a) fitted with an antenna connector; or b) without an external antenna connector , but fitted with a permanent internal or a temporary internal 50 Ω Radio Frequency (RF) connector which allows access to the transmitter output and the receiver input. Handportable equipment without an external or internal RF connector and without the possibility of having a temporary internal 50 Ω RF connector is not covered by the present document. In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the Radio Equipment Directive [i.2] may apply to equipment within the scope of the present document.

Keel: en
Alusdokumendid: EN 300 113 V2.2.1

EVS-EN 300 132-2 V2.5.1:2017

Environmental Engineering (EE); Power supply interface at the input to telecommunications and datacom (ICT) equipment; Part 2: Operated by -48 V direct current (dc)

between the power supply system(s) and the power consuming telecommunications and datacom (ICT) equipment; this point is called interface "A" as defined in clause 4. The purpose of the present document is to use a power supply system with the same characteristics for all telecommunications and datacom (ICT) equipment defined in the area of application: - to facilitate inter working of different (types of) load units; - to facilitate the standardization of telecommunications and datacom (ICT) equipment; - to facilitate the installation, operation and maintenance in the same network of telecommunications and datacom (ICT) equipment and systems from different origins. The present document aims at providing electrical compatibility between the power supply equipment and the power consuming telecommunications and datacom (ICT) equipment, and also between different system blocks connected to the same power supply. The requirements are defined for: - the output of the power supply equipment or power supply installation of telecommunications centres providing power at the interface "A"; - the power supply input of any type of telecommunications and datacom (ICT) equipment installed at telecommunication centres that are connected to interface "A" powered by DC; - any type of telecommunications and datacom (ICT) equipment, installed in access networks and customers' premises, the DC interface "A" of which is also used by equipment requiring a supply to the present document. - any type of telecommunication and datacom (ICT) equipment powered by DC, used in the fixed and mobile networks installed in different locations as building, shelter, street cabinet. Disturbances on the power supply interface "A" relating to the continuous wave phenomena below 20 kHz are covered within the present document. The present document does not cover safety requirements, they are covered by relevant safety standards. The present document does not cover EMC requirements, they are covered by relevant EMC standards. NOTE 1: The present document is applicable only to -48 VDC power supply interfaces. However, during a transitional period, other DC voltages may be used in existing installations. Annex B gives guidance on working in conjunction with existing -60 VDC supply systems. NOTE 2: The DC voltage at interface "A" may be derived from the AC primary supply. The DC supply may incorporate a backup battery

Keel: en
Alusdokumendid: EN 300 132-2 V2.5.1

EVS-EN 300 220-3-1 V2.1.1:2017

Raadiosagedusvahemikus 25 MHz kuni 1 000 MHz töötavad lähitoimeseadmed (SRD); Osa 3-1: Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Lühikese töötsükliga häirekindlad seadmed, määratud sagedusaladel (869,200 MHz kuni 869,250 MHz) töötavad sotsiaalalarmid

Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 3-1: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Low duty cycle high reliability equipment, social alarms equipment operating on designated frequencies (869,200 MHz to 869,250 MHz)

The present document applies to social alarm devices operating on designated frequencies. Designated frequencies are those frequency bands identified in Commission Decision 2013/752/EU [i.3] as having a usage available only to social alarms. Social alarms are defined in Commission Decision 2013/752/EU [i.3] as: "Social alarm devices" are radio communications systems that allow reliable communication for a person in distress in a confined area to initiate a call for assistance. Typical uses of social alarm are to assist elderly or disabled people. These radio equipment types are capable of operating, for transmission or reception, in all or part of the frequency bands given in table 1. Table 1: Frequency bands Frequency band 869,200 MHz to 869,250 MHz The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

Keel: en
Alusdokumendid: EN 300 220-3-1 V2.1.1

EVS-EN 300 392-5 V2.5.1:2017

Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D) and Direct Mode Operation (DMO); Part 5: Peripheral Equipment Interface (PEI)

The present document specifies the functional and technical aspects of TETRA Peripheral Equipment Interface (PEI) that is the interface between a Terminal Equipment type 2 (TE2) and a Mobile Termination type 2 (MT2) at reference point R(T).

Keel: en
Alusdokumendid: EN 300 392-5 V2.5.1

EVS-EN 300 396-6 V1.6.1:2017

Terrestrial Trunked Radio (TETRA); Direct Mode Operation (DMO); Part 6: Security

The present document defines the Terrestrial Trunked Radio system (TETRA) Direct Mode of operation. It specifies the basic Air Interface (AI), the interworking between Direct Mode Groups via Repeaters and interworking with the TETRA Trunked system via Gateways. It also specifies the security aspects in TETRA Direct Mode and the intrinsic services that are supported in addition to the basic bearer and teleservices. The present document describes the security mechanisms in TETRA Direct Mode. It provides mechanisms for confidentiality of control signalling and user speech and data at the AI. It also provided some implicit authentication as a member of a group by knowledge of a shared secret encryption key. The use of AI encryption gives both confidentiality protection against eavesdropping, and some implicit authentication.

Keel: en
Alusdokumendid: EN 300 396-6 V1.6.1

EVS-EN 300 487 V2.1.2:2017

Satelliitside maajaamad ja nende süsteemid (SES); Harmoneeritud standard raadiosagedusalas 1,5 GHz töötavatele ainult andmeside vastuvõtmist võimaldavatele liikuvatele maajaamadele

(ROMES); Raadiosagedusliku kiirguse (RF) spetsifikatsioonid direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Satellite Earth Stations and Systems (SES); Harmonised Standard for Receive-Only Mobile Earth Stations (ROMES) providing data communications operating in the 1,5 GHz frequency band; Radio Frequency (RF) specifications covering the essential requirements of article 3.2 of the Directive 2014/53/EU

The present document applies to the Receive-Only Mobile Earth Stations (ROMES) radio equipment operating under the Land Mobile Satellite Service (LMSS), in the frequency band 1 518 MHz to 1 559 MHz (space-to-earth bands). The ROMESs operate as part of a satellite system providing one-way data communications. ROMESs could have several configurations, including: • either Portable Equipment (PE) or vehicle Installed Equipment (IE); • a number of modules including a display/control interface to the user. The present document is intended to cover the provisions of Directive 2014/53/EU [i.2] (RE Directive) article 3.2 which states that "…radio equipment shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference". In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the Directive 2014/53/EU [i.2] may apply to equipment within the scope of the present document.

Keel: en
Alusdokumendid: EN 300 487 V2.1.2

EVS-EN 300 700 V2.1.1:2017

Digital Enhanced Cordless Telecommunications (DECT); Wireless Relay Station (WRS)

The present document defines the Digital Enhanced Cordless Telecommunications (DECT) Wireless Relay Station (WRS). A WRS is an additional building block for the DECT fixed network. The present document defines provisions needed for a controlled and reliable application of the DECT WRS infrastructure building block. The DECT WRS defined by the present document supports the DECT New Generation (NG-DECT) and DECT Ultra Low Energy (ULE) profiles.

Keel: en
Alusdokumendid: EN 300 700 V2.1.1

EVS-EN 301 166 V2.1.1:2017

Liikuv maaside; Antenni ühendusega kitsaribalisel kanalil töötavad analoog- ja/või digitaalside (kõne ja/või andmeedastus) raadioseadmed; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Land Mobile Service; Radio equipment for analogue and/or digital communication (speech and/or data) and operating on narrow band channels and having an antenna connector; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

The present document covers the technical requirements for radio transmitters and receivers used in stations in the Private Mobile Radio (PMR) service. It applies to use in the land mobile service, operating on radio frequencies between 30 MHz and 3 GHz, with narrow channel separations (CSP) (less than 10 kHz) and intended for speech and/or data. It is the intention of the present document to cover any Channel Bandwidths (CBW) permitted by National Administrations for such systems, e.g. 6,25 kHz. Table 1: Radiocommunications service frequency bands Radiocommunications service frequency bands Transmit 30 MHz to 3 000 MHz Receive 30 MHz to 3 000 MHz In the present document different requirements are given for the different radio frequency bands, environmental conditions and types of equipment where appropriate. In the present document, data transmission systems are defined as systems which transmit and/or receive data and/or digitized voice. The equipment comprises a transmitter and associated encoder and modulator and/or a receiver and associated demodulator and decoder. The present document covers equipment which may use constant envelope or non-constant envelope modulation. The types of equipment covered by the present document are as follows: - base station: equipment fitted with antenna connector; - mobile station: equipment fitted with antenna connector. Handportable stations: a) either fitted with an antenna connector; or b) without an external antenna connector but fitted with a permanent internal or a temporary internal 50 Ω RF connector which allows access to the transmitter output and the receiver input. Handportable station equipment without an external or internal Radio Frequency (RF) connector and without the possibility of having a temporary internal 50 Ω RF connector is not covered by the present document. The present document contains requirements to demonstrate that "... Radio equipment shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference" and that "....radio equipment supports certain features ensuring access to emergency services" [i.3]. In addition to the present document, other ENs (e.g. ETSI EN 301 489-1 [i.4] and ETSI EN 301 489-5 [i.5]) that specify technical requirements in respect of essential requirements under the Radio Equipment Directive [i.3], may apply to equipment within the scope of the present document.

Keel: en
Alusdokumendid: EN 301 166 V2.1.1

EVS-EN 301 426 V2.1.2:2017

Satelliitside maajaamad ja süsteemid (SES); Harmoneeritud standard raadiosagedusalades 1,5 /1,6 GHz töötavate madala andmeedastuskiirusega liikuvatele kosmoseside maajaamadele (LMES) ja merepääste ja ohutuse sideks mitte ettenähtud mereside maajaamadele (MMES) direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Satellite Earth Stations and Systems (SES); Harmonised Standard for Low data rate Land Mobile satellite Earth Stations (LMES) and Maritime Mobile satellite Earth Stations (MMES) not

intended for distress and safety communications operating in the 1,5 GHz/1,6 GHz frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU

The present document applies to the following Mobile Earth Stations (MESs) radio equipment: • Land Mobile Earth Stations (LMESs) radio equipment; and • Maritime Mobile Earth Stations (MMESs) radio equipment not providing those distress and safety functions required by the International Maritime Organization (IMO); which have the following characteristics: • these LMESs could be either vehicle mounted or portable equipment; • these MMESs are installable equipment on ships; • these MESs operate with user bit-rates of up to 9,6 kbits/s; • these MESs could consist of a number of modules including a keyboard interface to the user; • these MESs are operating as part of a satellite network used for the distribution and/or exchange of information between users; • this radio equipment is capable of operating in all or any part of the frequency bands given in table 1a. Table 1a: Mobile Satellite Service frequency bands Sub-Band Direction of transmission MSS frequency bands Sub-Band 1 Transmit 1 (Earth to space) 1 626,5 MHz to 1 660,5 MHz Receive 1 (space to Earth) 1 525,0 MHz to 1 559,0 MHz Sub-Band 2 Transmit 2 (Earth to space) 1 668,0 MHz to 1 675,0 MHz Receive 2 (space to Earth) 1 518,0 MHz to 1 525,0 MHz The present document is intended to cover the provisions of Directive 2014/53/EU [i.8] (RE Directive) article 3.2 which states that "….radio equipment shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference". In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the Directive 2014/53/EU [i.8] may apply to equipment within the scope of the present document. NOTE 1: A list of such ENs is included on the web site http://www.newapproach.org. The present document applies to the MES operated within the boundary limits of the operational environmental profile declared by the applicant. NOTE 2: These MES are controlled and monitored by a Network Control Facility (NCF). The NCF is outside the scope of the present document.

Keel: en
Alusdokumendid: EN 301 426 V2.1.2

EVS-EN 301 444 V2.1.2:2017

Satelliitside maajaamad ja süsteemid (SES); Raadiosagedusalades 1,5 GHz ja 1,6 GHz töötavate ja kõne- ja/või andmeedastust võimaldavate liikuva maaside maajaamade (LMES) harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Satellite Earth Stations and Systems (SES); Harmonised Standard for Land Mobile Earth Stations (LMES) providing voice and/or data communications, operating in the 1,5 GHz and 1,6 GHz frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU

The present document applies to Land Mobile Earth Stations (LMESs) radio equipment with an EIRP less than or equal to 33 dBW and which have the following characteristics: • the LMES could be either vehicle mounted or portable equipment; • these LMESs are controlled and monitored by a Network Control Facility (NCF). The NCF is outside the scope of the present document; • the LMES operate through geostationary satellites as part of a network providing voice and/or data communications; • the LMES is capable of operating in any combination of all or any part of the frequency ranges sub-band 1 and sub-band 2 defined in table 1a. Table 1a: Land Mobile Satellite Service frequency bands Sub-Band Direction of transmission LMSS frequency bands Sub-Band 1 Transmit 1 (Earth to space) 1 626,5 MHz to 1 660,5 MHz Receive 1 (space to Earth) 1 525,0 MHz to 1 559,0 MHz Sub-Band 2 Transmit 2 (Earth to space) 1 668,0 MHz to 1 675,0 MHz Receive 2 (space to Earth) 1 518,0 MHz to 1 525,0 MHz The present document is intended to cover the provisions of Directive 2014/53/EU [i.6] (RE Directive) article 3.2 which states that "….radio equipment shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference". In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the Directive 2014/53/UE [i.6] may apply to equipment within the scope of the present document. NOTE: A list of such ENs is included on the web site http://www.newapproach.org.

Keel: en
Alusdokumendid: EN 301 444 V2.1.2

EVS-EN 301 473 V2.1.2:2017

Satelliitside maajaamad ja süsteemid (SES); Raadiosagedusalas alla 3 GHz töötavate liikuva lennu-satelliitside teenistuse (AMSS)/liikuva satelliitside teenistuse (MSS) ja/või lennu-satelliitside kursiteenistuse (AMS(R)S)/liikuva satelliitside teenistuse (MSS) õhusõiduki satelliitside maajaamade (AES) harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Satellite Earth Stations and Systems (SES); Harmonised Standard for Aircraft Earth Stations (AES) providing Aeronautical Mobile Satellite Service (AMSS)/Mobile Satellite Service (MSS) and/or the Aeronautical Mobile Satellite on Route Service (AMS(R)S)/Mobile Satellite Service (MSS), operating in the frequency band below 3 GHz covering the essential requirements of article 3.2 of the Directive 2014/53/EU

The present document specifies certain minimum technical performance requirements of Aircraft Earth Station (AES) equipment with both transmit and receive capabilities for operation in the Aeronautical Mobile Satellite Service (AMSS)/Mobile Satellite Service (MSS), and/or in the Aeronautical Mobile Satellite on Route Service (AMS(R)S)/Mobile Satellite Service (MSS), in the frequency bands given in table 1. Table 1: Aeronautical Mobile Satellite Service (AMSS)/Mobile Satellite Service (MSS), and/or Aeronautical Mobile Satellite on Route Service (AMS(R)S)/ Mobile Satellite Service (MSS) frequency bands AMSS/MSS and/or AMS(R)S/MSS frequency bands AES transmit 1 610 MHz to 1 626,5 MHz AES receive 1 613,8 MHz to 1 626,5 MHz AES receive 2 483,5 MHz to 2 500 MHz AES transmit 1 626,5 MHz to 1 660,5 MHz AES receive 1 525 MHz to 1 559 MHz AES transmit 1 668 MHz to 1 675 MHz AES receive 1 518 MHz to 1 525 MHz AES transmit 1 980 MHz to 2 010 MHz AES receive 2 170 MHz to 2 200 MHz The technical requirements in the present document are in three major categories: • emission limits: to protect other radio services and systems from harmful interference generated by the AES in normal use; • AES Control and Monitoring Functions (CMF): to protect other radio services and systems from unwanted transmissions from the AES. The CMF in each AES

is capable of answering to commands from the Network Control Facilities (NCF) for its supporting satellite network; • receiver performance specifications: to enable reception of a wanted signal in presence of other high power signals on the adjacent channel and/or adjacent band. NOTE 1: The requirements for Network Control Facilities (NCF) for S-PCN MES transmitting in the 1 610 MHz to 1 626,5 MHz band or the 1 980 MHz to 2 010 MHz band are contained in ETSI ETS 300 735 [4]; these requirements are also applicable to AES transmitting in those bands. An AES may be subject to additional or alternative requirements in other standards depending on its functionality, in particular if it supports a service which is considered a justified case for regulation of terminal equipment interworking via the public telecommunications network. An AES will also be subject to additional airworthiness certification requirements. The present document is intended to cover the provisions of Directive 2014/53/EU [i.4] (RE Directive) article 3.2 which states that "Radio equipment shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference". In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the RE Directive [i.4] may apply to equipment within the scope of the present document. NOTE 2: A list of such ENs is included on the web site http://www.newapproach.org.

Keel: en
Alusdokumendid: EN 301 473 V2.1.2

EVS-EN 301 489-27 V2.1.1:2017

Elektromagnetilise ühilduvuse (EMC) standard raadioseadmetele ja teenustele; Osa 27: Eritingimused väga väikese võimsusega aktiivsetele meditsiinilistele implantaatidele (ULP-AMI) ja nende välistele lisatarvikutele (ULP-AMI-P); Harmoneeritud standard direktiivi 2014/53/EL artikli 3.1(b) oluliste nõuete alusel
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 27: Specific conditions for Ultra Low Power Active Medical Implants (ULP-AMI) and related peripheral devices (ULP-AMI-P); Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

The present document together with ETSI EN 301 489-1 [1], covers the assessment of all radio transceivers associated with Ultra Low Power Active Medical Implants (ULP-AMIs) and associated Peripheral ULP-AMI-Ps) in respect of ElectroMagnetic Compatibility (EMC). The present document covers the EMC requirements for the radio functions of ULP-AMI and ULP-AMI-P devices. Technical specifications related to the antenna port and emissions from the enclosure port of the ULP-AMI and ULPAMI-P devices radio system are not included in the present document. Such technical specifications are found in the relevant product standards for the effective use of the radio spectrum. The present document specifies the applicable test conditions, performance assessment, and performance criteria for ULP-AMIs and associated Peripheral devices (ULP-AMI-Ps). Definitions of types of ULP-AMIs and ULP-AMI-Ps covered by present document are given in annex B. In case of differences (for instance concerning special conditions, definitions, abbreviations) between the present document and ETSI EN 301 489-1 [1], the provisions of the present document take precedence. The environmental classification and the emission and immunity requirements used in the present document are as stated in ETSI EN 301 489-1 [1], except for any special conditions included in the present document. The present document, together with ETSI EN 301 489-1 [1], contains requirements to demonstrate an adequate level of electromagnetic compatibility as set out in Directive 2014/53/EU [i.1].

Keel: en
Alusdokumendid: EN 301 489-27 V2.1.1

EVS-EN 301 489-29 V2.1.1:2017

Elektromagnetilise ühilduvuse (EMC) standard raadioseadmetele ja teenustele; Osa 29: Eritingimused raadiosagedusalades 401 MHz kuni 402 MHz ja 405 MHz kuni 406 MHz töötavatele meditsiinilistele andmeedastusseadmetele (MEDS); Harmoneeritud standard direktiivi 2014/53/EL artikli 3.1(b) oluliste nõuete alusel
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 29: Specific conditions for Medical Data Service Devices (MEDS) operating in the 401 MHz to 402 MHz and 405 MHz to 406 MHz bandsHarmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

The present document together with ETSI EN 301 489-1 [1], covers the assessment of all radio transceivers associated with Ultra Low Power Active Medical Implants (ULP-AMIs), Ultra Low Power Active Medical Devices (ULP-AMDs), Ultra Low Power Body Worn Devices (ULP-BWDs) and associated Ultra Low Power Active Medical Implant Peripherals (ULP-AMI-Ps), Ultra Low Power Active Medical Device Peripherals (ULP-AMD-Ps) in respect of ElectroMagnetic Compatibility (EMC). The radio link may be part of life supporting or non life supporting equipment and can be classified independently of the classification of the medical portion of the device. The present document covers the EMC requirements for the radio functions of ultra low power implanted, body worn and associated ultra low power peripheral devices. Technical specifications related to the antenna port and emissions from the enclosure port of these radio system devices are not included in the present document. Such technical specifications are found in the relevant product standards for the effective use of the radio spectrum. The present document applies to ULP-AMI, ULP-AMD, ULP-BWD, ULP-AMD-P and ULP-AMI-P devices with RF power levels ranging up to 25 µW ERP and intended for operation in the frequency range 401 MHz to 402 MHz and 405 MHz to 406 MHz in accordance with the provisions of annex 12, band b) and band c), to CEPT/ERC/REC 70-03 [i.3]. Definitions of such ULP-AMI, ULP-AMD, ULP-BWD, ULP-AMD-P and ULP-AMI-P radio devices are found in the following functional radio standard: • ETSI EN 302 537 [2]: "Ultra Low Power Medical Data Service (MEDS) Systems operating in the frequency range 401 MHz to 402 MHz and 405 MHz to 406 MHz; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU". In case of differences (for instance concerning special conditions, definitions, abbreviations) between the present document and ETSI EN 301 489-1 [1], the provisions of the present document take precedence. The environmental classification and the emission and immunity requirements used in the present document are as stated in the ETSI EN 301 489-1 [1], except for any special conditions included in the present document. The present document, together with ETSI EN 301 489-1 [1], are aimed to cover requirements to demonstrate an adequate level of electromagnetic compatibility.

Keel: en
Alusdokumendid: EN 301 489-29 V2.1.1

EVS-EN 301 489-35 V2.1.1:2017

Elektromagnetilise ühilduvuse (EMC) standard raadioseadmetele ja teenustele; Osa 35: Eritingimused raadiosagedusalas 2483,5 MHz kuni 2500 MHz töötavatele väikese võimsusega aktiivsetele meditsiinilistele implantaatidele (LP-AMI); Harmoneeritud standard direktiivi 2014/53/EL artikli 3.1(b) oluliste nõuete alusel
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 35: Specific requirements for Low Power Active Medical Implants (LP-AMI) operating in the 2 483,5 MHz to 2 500 MHz bands; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

The present document together with ETSI EN 301 489-1 [1], covers the assessment of all radio transceivers associated with Low Power Active Medical Implants (LP-AMIs) and associated Peripheral devices (LP-AMI-P) in respect of ElectroMagnetic Compatibility (EMC). The present document covers the EMC requirements for the radio functions of LP-AMI and associated Peripheral devices (LP-AMI-P). Technical specifications related to the antenna port and emissions from the enclosure port of the radio system of LP-AMI and associated Peripheral devices (LP-AMI-P) are not included in the present document. Such technical specifications are found in the relevant product standards for the effective use of the radio spectrum. The present document specifies the applicable test conditions, performance assessment, and performance criteria for of LP-AMI and associated Peripheral devices (LP-AMI-P). Definitions of types of LP-AMIs and P-AMI-Ps covered by present document are given in annex B. In case of differences (for instance concerning special conditions, definitions, abbreviations) between the present document and ETSI EN 301 489-1 [1], the provisions of the present document take precedence. The environmental classification and the emission and immunity requirements used in the present document are as stated in the ETSI EN 301 489-1 [1], except for any special conditions included in the present document. The present document, together with ETSI EN 301 489-1 [1], contains requirements to demonstrate an adequate level of electromagnetic compatibility as set out in Directive 2014/53/EU [i.1].

Keel: en
Alusdokumendid: EN 301 489-35 V2.1.1

EVS-EN 301 559 V2.1.1:2017

Lähitoimeseadmed (SRD); Raadiosagedusalas 2483,5–2500 MHz töötavad madala võimsusega aktiivsed meditsiinilised implantaadid (LP-AMI) ja seotud välisseadmed (LP-AMI-P); Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Short Range Devices (SRD); Low Power Active Medical Implants (LP-AMI) and associated Peripherals (LP-AMI-P) operating in the frequency range 2 483,5 MHz to 2 500 MHz; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

The present document covers, for Low Power Active Medical Implants (LP-AMI) using the band bands 2 483,5 MHz to 2 500 MHz, and associated Peripherals (LP-AMI-P) used in an Active Medical Implant Communications System (AMICS), the required characteristics considered necessary to efficiently use the available spectrum and serve the interests of patients with implanted devices. The specifications contained in the present document were developed to ensure that the health and safety of the patients that are using this equipment under the direction of medical practitioners is protected. Of particular importance is the inclusion of spectrum monitoring and access requirements designed to significantly reduce any interference potential between AMICS operating in the band or between AMICS and other primary or secondary users of the band. An AIMD is regulated under the AIMD Directive 90/385/EEC [i.5] radio parts contained therein (referred to herein as LP-AMI and LP-AMI-P for associated peripheral devices) are regulated under the Directive 2014/53/EU [i.1]. The frequency usage conditions for the bands 2 483,5 MHz to 2 500 MHz are EU wide harmonised for the SRD category "active medical implant devices" according to Commission Implementing Decision 2013/752/EU [i.13] with the following usage restrictions: • "This set of usage conditions is only available to active implantable medical devices. Peripheral master units are for indoor use only." The present document contains the technical characteristics for LP-AMI and associated peripherals LP-AMI-P radio equipment which is also addressed by CEPT/ERC/REC 70-03 [i.3] annex 12 sub-band e) to that document. It does not necessarily include all the characteristics, which may be required by a user, nor does it necessarily represent the optimum performance achievable. The present document applies to LP-AMI and LP-AMI_P operating in the band 2 483,5 MHz to 2 500 MHz: • for telecommand and telemetry between LP-AMI and LP-AMI-P; • for telecommand and telemetry between LP-AMI to another LP-AMI; • with or without an integral antenna; and/or • with an antenna connection provided only for the purpose of connecting a dedicated antenna. The present document contains required characteristics considered necessary for the radio devices used in AMICS to meet in order to efficiently use the available spectrum for the purpose of transferring data that is used in diagnosing and delivering therapies to individuals with various illnesses. Of particular importance is the inclusion of spectrum monitoring and access requirements (listen before talk protocol) designed to significantly reduce any interference potential between AMICS operating in the band or between an AMICS and the primary users of the band. The present document is a specific product standard applicable to low power transmitters that are part of a system used in the AMICS operating in spectrum within the frequency band 2 483,5 MHz to 2 500 MHz. The present document contains requirements to demonstrate that Low Power Active Medical Implants (LP-AMI) "…shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference" (article 3.2 of the Directive 2014/53/EU) [i.1]. The present document does not necessarily include all the requirements which may be required by a user, nor does it necessarily represent the optimum performance achievable.

Keel: en
Alusdokumendid: EN 301 559 V2.1.1

EVS-EN 301 681 V2.1.2:2017

Satelliitside maajaamad ja süsteemid (SES); Raadiosagedusalades 1,5 GHz ja 1,6 GHz töötava liikuva maa-satelliitsideside teenistuse (MSS) geostatsionaarse liikuva satelliitside süsteemide presonaalse satelliit-teenuste süsteemide (S-PCN) liikuvate maajaamade (MES), kaasa arvatud käsi-maajaamade, harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Satellite Earth Stations and Systems (SES); Harmonised Standard for Mobile Earth Stations (MES) of Geostationary mobile satellite systems, including handheld earth stations, for Satellite Personal Communications Networks (S-PCN) under the Mobile Satellite Service (MSS), operating in the 1,5 GHz and 1,6 GHz frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU

The present document applies to S-PCN MES for Geostationary mobile satellite systems with an EIRP less than or equal to 15 dBW. The present document sets out the minimum performance requirements and technical characteristics of Mobile Earth Stations (MES) with both transmit and receive capabilities for operation in a Satellite Personal Communication Network (S-PCN) in any combination of all or any part of the Mobile Satellite Service (MSS) frequency bands sub-band 1 and sub-band 2 defined in table 1. These MESs are controlled and monitored by a Network Control Facility (NCF). The NCF is outside the scope of the present document. Table 1: Mobile Satellite Service (MSS) frequency band Sub-band Transmission path MSS frequency band Sub-Band 1 MESs transmit 1 1 626,5 MHz to 1 660,5 MHz MESs receive 1 1 525 MHz to 1 559 MHz Sub-band 2 MESs transmit 2 1 668,0 MHz to 1 675,0 MHz MESs receive 2 1 518,0 MHz to 1 525,0 MHz An S-PCN MES may be handheld, portable, vehicle-mounted, host connected, semi-fixed or fixed equipment, or may be an element in a multimode terminal; it may consist of a number of modules with associated connections and user interface, or may be a self-contained single unit. If the MES is an element in a multimode terminal, unless otherwise stated in the present document, its requirements apply only to the S-PCN MES element of the terminal operating in the MSS frequency band given in table 1. The present document is intended to cover the provisions of Directive 2014/53/EU [i.5] (RE Directive) article 3.2 which states that "….radio equipment shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference". In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the Radio Equipment Directive (RED) [i.5] may apply to equipment within the scope of the present document. NOTE: A list of such ENs is included on the web site http://www.newapproach.org.

Keel: en
Alusdokumendid: EN 301 681 V2.1.2

EVS-EN 301 908-10 V4.2.2:2017

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Kolmanda põlvkonna mobiilsidevõrgu IMT-2000 baasjaamad (BS),repiiterid ja kasutajaseadmed (UE); Osa 10: IMT-2000, FDMA/TDMA (DECT) harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 10: Harmonised Standard for IMT-2000, FDMA/TDMA (DECT) covering the essential requirements of article 3.2 of the Directive 2014/53/EU

The present document applies to the following equipment types for IMT-FT. IMT-FT is the Digital Enhanced Cordless Telecommunications (DECT) system being a member of the ITU IMT-2000 family: a) Fixed Part (FP). b) Portable Part (PP). c) Cordless Terminal Adapter (CTA). d) Wireless Relay Station (WRS) (FP and PP combined). e) Hybrid Part (HyP) (a PP with capability to act as a FP to provide PP to PP communication). These radio equipment types are capable of operating in all or any part of the frequency bands given in table 1. Table 1: Radiocommunications service frequency bands Radiocommunications service frequency bands Transmit 1 900 MHz to 1 980 MHz Receive 1 900 MHz to 1 980 MHz Transmit 2 010 MHz to 2 025 MHz Receive 2 010 MHz to 2 025 MHz The IMT-FT (DECT) service frequency bands for transmitting and receiving for all elements are the parts of the European UMTS spectrum applicable for TDD operation, 1 900 MHz to 1 980 MHz and 2 010 MHz to 2 025 MHz, (see ERC/DEC(99)25 [8] and ERC/DEC(00)01 [9]). NOTE: IMT-FT equipment may have a second mode for providing operation also in the DECT band 1 880 MHz to 1 900 MHz. Application of DECT in the band 1 880 MHz to 1 900 MHz is covered by ETSI EN 301 406 [i.7]. Details of the DECT Common Interface may be found in ETSI EN 300 175-1 [i.12], ETSI EN 300 175 parts 2 [1] to 3 [2], ETSI EN 300 175-4 [i.13], ETSI EN 300 175 parts 5 [3] to 6 [4] and ETSI EN 300 175 parts 7 [i.14] to 8 [i.15]. Further details of the DECT system may be found in ETSI TR 101 178 [i.1] and ETSI ETR 043 [i.2]. Information about ULE may be found in ETSI TS 102 939-1 [i.16] and ETSI TS 102 939-2 [i.17]. The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

Keel: en
Alusdokumendid: EN 301 908-10 V4.2.2

EVS-EN 301 908-22 V6.1.1:2017

IMT mobiilsidevõrgud; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 22: OFDMA TDD WMAN (Mobile Wi-MAXTM) FDD baasjaamad (BS)
IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 22: OFDMA TDD WMAN (Mobile WiMAXTM) FDD Base Stations (BS)

The present document applies to the following radio equipment type: • Mobile WiMAXTM FDD Base Stations for IMTOFDMA TDD WMAN This radio equipment type is capable of operating in all or any part of the frequency bands given in table 1-1. Table 1-1: Base Station WiMAXTM FDD Operating frequency bands Mobile WiMAXTM Band Class Index Direction of transmission Mobile WiMAXTM FDD frequency bands 7G Transmit 925 MHz to 960 MHz Receive 880 MHz to 915 MHz 6C Transmit 1 805 MHz to 1 880 MHz Receive 1 710 MHz to 1 785 MHz The present document contains requirements to demonstrate that Radio equipment

both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference. In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the Radio Equipment Directive 2014/53/EU [i.2] may apply to equipment within the scope of the present document. NOTE: A list of such ENs is included on the web site http://www.newapproach.org.

Keel: en
Alusdokumendid: EN 301 908-22 V6.1.1

EVS-EN 302 064 V.2.1.1:2017

Raadiosagedusalas 1,3 GHz kuni 50 GHz töötavad juhtmeta videolingid; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Wireless Video Links operating in the 1,3 GHz to 50 GHz frequency band; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

The present document applies to terrestrial wireless digital video link equipment operating in the frequency band 1,3 GHz to 50 GHz. The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

Keel: en
Alusdokumendid: EN 302 064 V.2.1.1

EVS-EN 302 065-1 V2.1.1:2017

Lähitoimeseadmed (SRD), mis kasutavad ultralairiba (UWB) tehnoloogiat; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 1: Nõuded UWB üldrakendustele
Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 1: Requirements for Generic UWB applications

The present document applies to transceivers, transmitters and receivers utilizing Ultra WideBand (UWB) technologies and used for short range applications. The present document applies to impulse, modified impulse and RF carrier based UWB communication technologies. The present document applies to fixed (indoor only), mobile or portable applications, e.g.: • stand-alone radio equipment with or without its own control provisions; • plug-in radio devices intended for use with, or within, a variety of host systems, e.g. personal computers, hand-held terminals, etc.; • plug-in radio devices intended for use within combined equipment, e.g. cable modems, set-top boxes, access points, etc.; • combined equipment or a combination of a plug-in radio device and a specific type of host equipment. As per the ECC/DEC/(06)04 [i.2] and Decision 2007/131/EC [i.4] and its amendments [i.5], [i.6], the UWB transmitter equipment conforming to the present document is not to be installed at a fixed outdoor location, for use in flying models, aircraft and other forms of aviation. The present document applies to UWB equipment with an output connection used with a dedicated antenna or UWB equipment with an integral antenna. Equipment covered by the present document operates in accordance with ECC/DEC(06)04 [i.2] "The harmonised conditions for devices using Ultra-Wideband (UWB) technology in bands below 10,6 GHz". These radio equipment types are capable of operating in all or part of the frequency bands given in table 1. Table 1: Permitted ranges of operation Permitted range of operation (see note 1) Transmit 30 MHz to 10,6 GHz Receive 30 MHz to 10,6 GHz Intended ranges of operation (preferred range of operating bandwidth), see note 2 Transmit 3,1 GHz to 4,8 GHz Receive 3,1 GHz to 4,8 GHz Transmit 6,0 GHz to 9 GHz Receive 6,0 GHz to 9 GHz NOTE 1: Limits in table 2 clause 4.3.2 and table 3 clause 4.3.3 are to be met. NOTE 2: This is the preferred range for the operating bandwidth, as defined in clause 4.3.1. The present document does not apply to radio equipment for which a specific harmonised standard applies as such harmonised standards may specify additional EN requirements relevant to the presumption of conformity under article 3.2 of the Directive 2014/53/EU [i.1].

Keel: en
Alusdokumendid: EN 302 065-1 V2.1.1

EVS-EN 302 065-2 V2.1.1:2017

Lähitoimeseadmed (SRD), mis kasutavad ultralairiba (UWB) tehnoloogiat; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 2: Nõuded UWB asukoha jälgimise seadmetele
Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 2: Requirements for UWB location tracking

The present document applies to transceivers, transmitters and receivers utilizing Ultra WideBand (UWB) technologies and used for location tracking purposes. The present document applies to impulse, modified impulse and RF carrier based UWB communication technologies. The present document applies to fixed, mobile or portable applications, e.g. the present document applies to the following equipment types: • stand-alone radio equipment with or without its own control provisions; • plug-in radio devices intended for use with, or within, a variety of host systems, e.g. personal computers, handheld terminals, etc.; • plug-in radio devices intended for use within combined equipment, e.g. cable modems, set-top boxes, access points, etc.; • combined equipment or a combination of a plug-in radio device and a specific type of host equipment. The present document applies to UWB equipment with an output connection used with a dedicated antenna or UWB equipment with an integral antenna. The present document covers three different types of location tracking system, which may use either of the UWB technologies listed previously: • LT1 systems: These systems, operating in the 6 GHz to 9 GHz region (see CEPT Report 45 [i.13]), are intended for general location tracking of people and objects. They operate on an unlicensed basis. The transmitting terminals in these systems are mobile (indoors or outdoors), or fixed (indoors only). Fixed outdoor LT1 transmitters are not permitted. Typically, LT1 transmitters are mobile location tracking tags which are attached to people or objects, and tags are tracked using a fixed receiver

infrastructure to only receive the UWB emission emitted by the tags, ETSI EG 201 399 [i.1]. • LT2 systems: These systems, operating in the 3,1 GHz to 4,8 GHz region (see ECC/REC(11)09 [i.8]), are intended for person and object tracking and industrial applications at well-defined locations. The transmitting terminals in these systems may be located indoors or outdoors, and may be fixed or mobile. They operate at fixed sites and may be subject to registration and authorization, provided local coordination with possible interference victims has been performed, ECC Report 167 [i.10] and ECC Report 170 [i.11]. • LAES systems: These systems, operating in the 3,1 GHz to 4,8 GHz region (see ECC/REC(11)10 [i.9]), are intended for tracking staff belonging to the fire and other emergency services, who need to work in dangerous situations. Being able to track such people, even when deep inside a building, provides an important enhancement to command and control and to their personal safety. Typically, an LAES system is deployed temporarily at the scene of a fire or other emergency in a building. Licences may be required for user organization, ECC Report 167 [i.10] and ECC Report 170 [i.11]. Some individual location tracking devices may be able to operate within different kinds of location tracking systems, and therefore may meet (in different modes) the requirements of any or all of LT1, LT2 and LAES. The present document does not cover UWB transmitters whose authorization to operate depends solely on the tests set out in the present document and which are installed or used in flying models, aircraft and other forms of aviation. Furthermore, it does not cover LT1 UWB transmitters that are operated on board a road or rail vehicle running on a public network or highway. The permitted frequency ranges of operation for the various device types covered by the present document are given in table 1. ETSI 9 ETSI EN 302 065-2 V2.1.1 (2016-11) Table 1: Operating frequency bands Device type Mode Permitted range of operation Intended range of operation (preferred range of Operational Bandwidth) (see note 1) LT1 Transmit 30 MHz to 10,6 GHz (note 2) 6,0 GHz to 9 GHz Receive 30 MHz to 10,6 GHz 6,0 GHz to 9 GHz LAES Transmit 30 MHz to 10,6 GHz (note 3) 3,1 GHz to 4,8 GHz Receive 30 MHz to 10,6 GHz 3,1 GHz to 4,8 GHz LT2 Transmit 30 MHz to 10,6 GHz (note 4) 3,1 GHz to 4,8 GHz Receive 30 MHz to 10,6 GHz 3,1 GHz to 4,8 GHz NOTE 1: This is the preferred range for the operating bandwidth, as defined in clause 4.3.1. NOTE 2: Limits in table 2 (clause 4.3.2.3) and table 5 (clause 4.3.3.3) are to be met. NOTE 3: Limits in table 3 (clause 4.3.2.3) and table 6 (clause 4.3.3.3) are to be met. NOTE 4: Limits in table 4 (clause 4.3.2.3) and table 7 (clause 4.3.3.3) are to be met.

Keel: en
Alusdokumendid: EN 302 065-2 V2.1.1

EVS-EN 302 065-3 V2.1.1:2017

Lähitoimeseadmed (SRD), mis kasutavad ultralairiba (UWB) tehnoloogiat; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 3: Nõuded maapealsete sõidukirakenduste UWB seadmetele

Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 3: Requirements for UWB devices for ground based vehicular applications

The present document applies to transceivers, transmitters and receivers utilizing Ultra Wide Band (UWB) technologies and used for short range applications in road and rail vehicles, which includes devices mounted inside or at the surface. The present document applies to impulse, modified impulse and RF carrier based UWB technologies in the main operating frequency ranges from 3,1 GHz to 4,8 GHz or from 6 GHz to 9 GHz. Examples of applications for road and rail vehicles are: • stand-alone radio equipment with or without its own control provisions; • plug-in radio devices intended for use with, or within, a variety of host systems, e.g. personal computers, etc.; • plug-in radio devices intended for use within combined equipment, e.g. modems, access points, etc.; • equipment for telemetry communication inside and outside of road and rail vehicles; • equipment for the localization of devices inside and outside of road and rail vehicles (e.g. hand-held devices); • equipment to investigate materials (e.g. fuel). The present document does not apply to fixed road infrastructure installations. For fixed rail infrastructure tracking applications see ETSI TR 101 538 [i.10] and ETSI TS 103 085 [i.11]. NOTE: As per the ECC/DEC/(06)04 [i.2] and Decision 2014/702/EC [i.4] the UWB transmitter equipment conforming to the present document is not to be installed at a fixed outdoor location, for use in flying models, aircraft and other forms of aviation. The present document applies to UWB equipment with an output connection used with a dedicated antenna or UWB equipment with an integral antenna. Equipment covered by the present document operates in accordance with ECC/DEC(06)04 [i.2]. These radio equipment types are capable of operating in all or part of the frequency bands given in table 1. Table 1: Permitted range and intended range of operation [i.4] Permitted range of operation (note 1) Transmit 30 MHz to 10,6 GHz Receive 30 MHz to 10,6 GHz Intended ranges of operation (note 2) Transmit 3,1 GHz to 4,8 GHz Receive 3,1 GHz to 4,8 GHz Transmit 6,0 GHz to 9 GHz Receive 6,0 GHz to 9 GHz NOTE 1: Limits in table 2, clause 4.3.2 and table 3, clause 4.3.3 are to be met. NOTE 2: This is the preferred range for the operating bandwidth, as defined in clause 4.3.1. The present document does not apply to radio equipment for which a specific Harmonised EN applies as such. Harmonised EN may specify additional EN requirements relevant to the presumption of conformity under article 3.2 of the Radio Equipment Directive (Directive 2014/53/EU) [i.1].

Keel: en
Alusdokumendid: EN 302 065-3 V2.1.1

EVS-EN 302 065-4 V1.1.1:2017

Lähitoimeseadmed (SRD), mis kasutavad ultralairiba (UWB) tehnoloogiat; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 4: Sagedustel alla 10,6 GHz töötavad UWB tehnoloogiat kasutavad materjalide tajurid

Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 4: Material Sensing devices using UWB technology below 10,6 GHz

The present document specifies the requirements for material sensing applications using UWB technology operating in all or part of the frequency band from 2,2 GHz to 8,5 GHz. Additionally, it specifies reduced emissions in the ranges from 0,96 GHz to 2,2 GHz and 8,5 GHz to 10,6 GHz. The present document applies to: 1) Material Sensing devices: a device enabling radio determination application designed to detect the location of objects within a structure or to determine the physical properties of a material. 2) Equipment fitted with a non-user changeable antenna. 3) The main categories are: a) Non fixed material sensors; b) Non fixed building material sensors; c) Fixed material sensors. The present document does not apply to: • UWB communication

devices; • Ground and wall probing radar devices; • Through-wall radar imaging devices; and • (Tank) Level Probing devices. Equipment covered by the present document operates in accordance with ECC/DEC(07)01 [i.7] and Commission Decision 2014/702/EU [i.12]. These radio equipment types are capable of operating in all or part of the frequency bands given in table 1. Table 1: Permitted range of operation [i.12] Intended frequency bands Transmit 2,2 GHz to 8,5 GHz Receive 2,2 GHz to 8,5 GHz Permitted range of operation Transmit 30 MHz to 10,6 GHz Receive 30 MHz to 10,6 GHz NOTE: The UWB radio device can also operate outside of the intended range of operation and inside the permitted range of operation provided that the limits in clause 4.3.2 and 4.3.4.2, table 2 or table 3 are met.

Keel: en
Alusdokumendid: EN 302 065-4 V1.1.1

EVS-EN 302 208 V3.1.1:2017

Raadiosagedusalas 865 MHz kuni 868 MHz võimsusega kuni 2 W ja raadiosagedusalas 915 MHz kuni 921 MHz võimsusega kuni 4 W töötavad raadiosageduslikud identifitseerimisseadmed; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel

Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W and in the band 915 MHz to 921 MHz with power levels up to 4 W; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

The present document covers the minimum characteristics considered necessary in order to make the best use of the available frequencies. It does not necessarily include all the characteristics that may be required by a user, nor does it necessarily represent the optimum performance achievable. Radio frequency identification products covered within the present document are considered by definition short-range devices. Power limits up to a maximum of 2 W e.r.p. are specified for this equipment in the frequency band 865 MHz to 868 MHz and up to a maximum of 4 W e.r.p. in the frequency band 915 MHz to 921 MHz. The frequency usage conditions for RFIDs in the band 865 MHz to 868 MHz are EU wide harmonised according to 2006/804/EC [i.12]. It should be noted that the frequency band 915 MHz to 921 MHz has only a limited implementation status within the European Union and the CEPT countries. ERC/REC 70-03 [i.9] provides in appendix 1 an overview of countries where the band is implemented. The present document applies to RFID interrogators and tags operating together as a system. For each specified band, four high power channels are made available for use by interrogators. The tags respond with a modulated signal preferably in the adjacent low power channels. Interrogators may be used with either integral or external antennas. The types of equipment covered by the present document are as follows: • fixed interrogators; • portable interrogators; • batteryless tags; • battery assisted tags; • battery powered tags. These radio equipment are capable of operating in the frequency ranges given in table 1. Table 1: Frequencies of operation Equipment Operating frequencies Interrogator Transmit channel 4 865,6 MHz to 865,8 MHz Interrogator Transmit channel 7 866,2 MHz to 866,4 MHz Interrogator Transmit channel 10 866,8 MHz to 867,0 MHz Interrogator Transmit channel 13 867,4 MHz to 867,6 MHz Interrogator Receive 865,2 MHz to 868,0 MHz Tag Transmit and receive 865,2 MHz to 868,0 MHz Interrogator Transmit channel 3 916,1 MHz to 916,5 MHz Interrogator Transmit channel 6 917,3 MHz to 917,7 MHz Interrogator Transmit channel 9 918,5 MHz to 918,9 MHz Interrogator Transmit channel 12 919,7 MHz to 920,1 MHz Interrogator Receive 915,3 MHz to 925,0 MHz Tag Transmit and receive 915,3 MHz to 920,9 MHz The present document contains requirements to demonstrate that the specified radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

Keel: en
Alusdokumendid: EN 302 208 V3.1.1

EVS-EN 302 372 V2.1.1:2017

Lähitoimeseadmed (SRD); Sagedusvahemikes 6-8,5 GHz, 24,05-26,5 GHz, 57-64 GHz, 75-85 GHz töötavad mahutite taseme sondeerimisseadmed (TLPR); Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel

Short Range Devices (SRD); Tank Level Probing Radar (TLPR) equipment operating in the frequency ranges 4,5 GHz to 7 GHz, 8,5 GHz to 10,6 GHz, 24,05 GHz to 27 GHz, 57 GHz to 64 GHz, 75 GHz to 85 GHz; Harmonised Standard covering the essential requirements

The present document applies to the following equipment types: Tank Level Probing Radar (TLPR) applications are based on pulse RF, FMCW or similar wideband techniques. TLPR radio equipment types are capable of operating in all or part of the frequency bands as specified in table 1. Table 1: Tank Level Probing Radar (TLPR) permitted frequency bands [i.7] TLPR assigned frequency bands (GHz) Transmit and Receive 4,5 to 7 Transmit and Receive 8,5 to 10,6 Transmit and Receive 24,05 to 27 Transmit and Receive 57 to 64 Transmit and Receive 75 to 85 The present document contains requirements to demonstrate that TLPR equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference. Table 1 shows a list of the frequency bands as assigned to Tank Level Probing Radars in the EC Decision 2013/752/EU [i.7] and CEPT/ERC Recommendation 70-03 [i.1] as known at the date of publication of the present document. TLPRs are used for tank level measurement applications in many industries concerned with process control to measure the amount of various substances (mostly liquids or granulates). TLPRs are used for a wide range of applications such as process control, custody transfer measurement (government legal measurements), water and other liquid monitoring, spilling prevention and other industrial applications. The main purposes of using TLPRs are: • to increase reliability by preventing accidents; • to increase industrial efficiency, quality and process control; • to improve environmental conditions in production processes. The present document applies to TLPRs radiating RF signals towards the surface of a substance contained in a closed tank. Any radiation outside of the tank is caused by leakage and is considered as unintentional emission. The present document does not necessarily include all the characteristics, which may be required by a user, nor does it necessarily represent the optimum performance achievable, it applies only to TLPRs fitted with dedicated antennas. TLPRs always consist of a combined transmitter and receiver and are used with an integral or dedicated antenna. The TLPR equipment is for professional applications where installation and maintenance are performed by professionally trained individuals only. The scope is limited to TLPRs operating as Short Range Devices (SRD),

in which the devices are installed in closed metallic tanks or reinforced concrete tanks, or similar enclosure structures made of comparable attenuating material, holding a substance, liquid or powder. The TLPR applications in the present document are not intended for communication purposes. Their intended usage excludes any intended radiation into free space.

Keel: en
Alusdokumendid: EN 302 372 V2.1.1

EVS-EN 302 537 V2.1.1:2017

Sagedusalades 402 MHz kuni 405 MHz ja 405 MHz kuni 406 MHz töötavad väga väikese võimsusega meditsiini andmesidesüsteemid (MEDS); Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Ultra Low Power Medical Data Service (MEDS) Systems operating in the frequency range 401 MHz to 402 MHz and 405 MHz to 406 MHz; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

The present document applies to ultra low power systems and accessories operating in spectrum within the bands 401 MHz to 402 MHz and 405 MHz to 406 MHz that operate in a MEDS service for telecommand and telemetry between devices that are part of a MEDS (see definition of MEDS); Only two types of MEDS system devices are permitted under the present document: 1) Frequency agile devices designed to access a minimum of 18 channels evenly distributed across the 401 MHz to 402 MHz and 405 MHz to 406 MHz bands with a minimum of 9 channels for each 1 MHz segment (i.e. 401 MHz to 402 MHz and 405 MHz to 406 MHz). 2) Devices capable of operation only on a single channel using low duty cycle and low power for spectrum access in the 401 MHz to 402 MHz or 405 MHz to 406 MHz bands, see clause 4.2.3.1.2 and the following clauses. The frequency usage conditions for the bands 401 MHz to 402 MHz and 405 MHz to 406 MHz are European wide harmonised for "active medical implant devices" according to Commission Implementing Decision 2013/752/EU [i.12] and ERC Decision (01)17 [i.1] with the following usage restrictions: • "This set of usage conditions is only available for systems specifically designed for the purpose of providing non-voice digital communications between active implantable medical devices and/or body-worn devices and other devices external to the human body used for transferring non-time critical individual patient-related physiological information." The present document covers devices utilizing ultra low power radio devices in combination with medical devices, the medical portion of which is regulated by the Medical Device Directive [i.8] (MDD) or the Active Implantable Medical Device Directive (AIMD [i.9]). The radio part of medical devices regulated by the MDD is hereafter referred to as ULP-AMD, ULP-AMD-P for peripheral devices, and ULP-BWD for body worn devices. ULP-BWD are devices, such as a physiological parameter sensor or handheld devices that are intended to operate in very close proximity to the human body, including touching the body, whose radio antenna is external to the body and is used to communicate with a device that is part of a MEDS system. The radio part of medical devices regulated under the AIMD is hereafter referred to as Ultra Low Power-Active Medical Implants (ULP-AMI) and peripherals (ULP-AMI-P) used in a Medical Data Service (MEDS). Devices covered by the present document are an evolving new technology to be made available worldwide by the medical equipment industry that will provide high speed communications capability between devices associated with an individual patient that are part of a complete MEDS system as defined in clause 3.1. Examples of MEDS devices falling under the scope of the present document are portable body worn physiological sensors that allow ambulatory monitoring, implanted devices and external system devices used to transfer data collected by a MEDS system to medical practitioners that will use the data to diagnose and treat a patient. The present document contains requirements to demonstrate that Ultra Low Power Medical Data Service (MEDS) Systems operating in the frequency range 401 MHz to 402 MHz and 405 MHz to 406 MHz "… shall be so constructed that they both effectively use and support the efficient use of radio spectrum in order to avoid harmful interference" (article 3.2 of the Directive 2014/53/EU [i.2]). It does not necessarily include all the characteristics, which may be required by a user, nor does it necessarily represent the optimum performance achievable.

Keel: en
Alusdokumendid: EN 302 537 V.2.1.1

EVS-EN 302 574-1 V2.1.2:2017

Satelliitside maajaamad ja süsteemid (SES); Sagedusalades 1980 MHz kuni 2010 MHz (suunal Maa-kosmos) ja 2170 MHz kuni 2200 MHz (suunal kosmos-Maa) töötavate liikuvate satelliitside maajaamade (MES) harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 1: Komplementaarne maakomponent (CGC) lairibasüsteemidele
Satellite Earth Stations and Systems (SES); Harmonised Standard for Mobile Earth Stations (MES) operating in the 1 980 MHz to 2 010 MHz (earth-to-space) and 2 170 MHz to 2 200 MHz (space-to-earth) frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 1: Complementary Ground Component (CGC) for wideband systems

The present document applies to Complementary Ground Components (CGC) operating as part of a satellite network. The present document covers two types of CGC: • Conventional CGC: - Clauses 4 and 5 according to ETSI EN 301 908-18 [16] for W_CDMA - Clauses 8 and 9 according to ETSI EN 301 908-14 [10] for E-UTRA • Aeronautical CGC These Complementary Ground Components (CGC) transmit only to the User Equipment/ Aeronautical Terminal or transmit and receive to/from the User Equipment/ Aeronautical Terminal in the frequency bands allocated to the Mobile Satellite Service (MSS) on a primary basis as defined in table 1. NOTE 1: The CGC may include various types of interfaces, to terrestrial and/or satellite networks, but their specifications are out of the scope of the present document. The present document applies to Complementary Ground Component (CGC) radio equipment type deployed in Mobile Satellite Services systems which have the following characteristics: • These CGCs may have both transmit and receive capabilities and are part of a hybrid Satellite/terrestrial network. • These CGCs operate with an assigned channel signal bandwidth (CBw) of 1 MHz or greater. • The conventional CGCs may be local coverage, medium coverage or wide coverage ground components. • The aeronautical CGCs may transmit/receive toward/from terminal mounted on aircraft (Aeronautical Terminal). • These CGCs may be an element in a multi-mode base station. It may consist of a number of modules with associated connections, or may be a self-contained single unit. If the CGC is an element in a multi-mode base station, unless otherwise stated in the present document, its requirements apply only to the CGC element of the terminal operating in the Mobile Satellite Service (MSS) frequency bands given in table 1. The present document applies to the following terminal

equipment types: 1) Complementary Ground Components for Wideband Satellite Systems. This radio equipment type is capable of operating in all or any part of the frequency bands given in table 1. Table 1: Mobile Satellite Service Complementary Ground Component frequency bands Operating band I, Direction of transmission CGC frequency bands Transmit 2 170 MHz to 2 200 MHz Receive 1 980 MHz to 2 010 MHz The present document only applies to the radio interface between the conventional CGC and the User Equipment or between aeronautical CGC and Aeronautical Terminal. The present document is intended to cover the provisions of Directive 2014/53/EU [13] (RE Directive) article 3.2 which states that "Radio equipment shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference". NOTE 2: In addition to the unwanted emission limits defined in clauses 4.2.2 and 5.2.2 of the present document, additional operational constraints may be required to prevent harmful interference into services operating in the neighbouring bands outside the operational band defined in table 1. ETSI 12 ETSI EN 302 574-1 V2.1.2 (2016-09) In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the Directive 2014/53/EU [13] may apply to equipment within the scope of the present document. NOTE 3: A list of such ENs is included on the web site http://www.newapproach.org.

Keel: en
Alusdokumendid: EN 302 574-1 V2.1.2

EVS-EN 302 574-2 V2.1.2:2017

Satelliitside maajaamad ja süsteemid (SES); Sagedusalades 1980 MHz kuni 2010 MHz (suunal Maa-kosmos) ja 2170 MHz kuni 2200 MHz (suunal kosmos-Maa) töötavate liikuvate satelliitside maajaamade (MES) harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 2: Lairibasüsteemide kasutajaseadmed (UE)
Satellite Earth Stations and Systems (SES); Harmonised Standard for Mobile Earth Stations (MES) operating in the 1 980 MHz to 2 010 MHz (earth-to-space) and 2 170 MHz to 2 200 MHz (space-to-earth) frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 2: User Equipment (UE) for wideband systems

The present document applies to User Equipment (UE) radio equipment type which has the following characteristics: • these UEs have both transmit and receive capabilities and operate in an hybrid Satellite/terrestrial network i.e. a satellite and/or Complementary Ground Component (CGC) network; • the satellite component is based on GSO; • these UEs operate with an assigned channel signal bandwidth (CBw) of 1 MHz or greater; • these UEs may be handset, handheld, portable, vehicle-mounted, aircraft mounted device (in this case the present document refers to Aeronautical Terminal - AT) host connected, semi-fixed or fixed equipment, or may be an element in a multi-mode terminal. It may consist of a number of modules with associated connections and user interface, or may be a self contained single unit; • if the UE is an element in a multi-mode terminal, unless otherwise stated in the present document, its requirements apply only to the UE element of the terminal operating in the Mobile Satellite Service (MSS) frequency bands given in Table 1; • the present document applies for several class of UEs: - UE for terrestrial use Power Class 1 - clauses 4 and 5; - UE for terrestrial use Power Class 1bis - clauses 4 and 5; - UE for terrestrial use Power Class 2 - clauses 4 and 5; - UE for terrestrial use Power Class 3 - clauses 4 and 5; - UE for aeronautical use (Aeronautical Terminal - AT) - clauses 6 and 7; - UE for terrestrial use (non-aeronautical UE E-UTRA) - clauses 8 and 9; • the Aeronautical Terminals (AT) operates at altitude of 1 000 m and higher above ground level. This radio equipment type is capable of operating in all or any part of the frequency bands given in Table 1. Table 1: Mobile Satellite Service UE frequency bands Operating bänd I Direction of transmission UE frequency bands Transmit 1 980 MHz to 2 010 MHz Receive 2 170 MHz to 2 200 MHz The present document is intended to cover the provisions of Directive 2014/53/EU [9] (RE Directive) article 3.2, which states that "Radio equipment shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference". NOTE 1: In addition to the unwanted emission limits defined in clauses 4.2.4 and 4.2.5 of the present document, additional operational constraints may be required to prevent harmful interference into services operating in the neighbouring bands outside the operational band defined in Table 1. In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the RE Directive [9] may apply to equipment within the scope of the present document. NOTE 2: A list of such ENs is included on the web site http://www.newapproach.org.

Keel: en
Alusdokumendid: EN 302 574-2 V2.1.2

EVS-EN 302 574-3 V2.1.1:2017

Satelliitside maajaamad ja süsteemid (SES); Sagedusalades 1980 MHz kuni 2010 MHz (suunal Maa-kosmos) ja 2170 MHz kuni 2200 MHz (suunal kosmos-Maa) töötavate liikuvate satelliitside maajaamade (MES) harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 2: Kitsaribaliste süsteemide kasutajaseadmed (UE)
Satellite Earth Stations and Systems (SES); Harmonised Standard for Mobile Earth Stations (MES) operating in the 1 980 MHz to 2 010 MHz (earth-to-space) and 2 170 MHz to 2 200 MHz (space-to-earth) frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 3: User Equipment (UE) for narrowband systems

The present document applies to User Equipment (UE) radio equipment type which have the following characteristics: • these UEs have both transmit and receive capabilities and operate in a Geostationary satellite network; • these UEs operate with an assigned channel signal bandwidth (CBw) smaller than 1 MHz; • these UEs may be handset, handheld, portable, vehicle-mounted, host connected, semi-fixed or fixed equipment, or may be an element in a multi-mode terminal. It may consist of a number of modules with associated connections and user interface, or may be a self-contained single unit; • if the UE is an element in a multi-mode terminal, unless otherwise stated in the present document, its requirements apply only to the UE element of the terminal operating in the Mobile Satellite Service (MSS) frequency bands given in table 1. This radio equipment type is capable of operating in all or any part of the frequency bands given in table 1. Table 1: Mobile Satellite Service UE frequency bands Operating band I Direction of transmission UE frequency bands UE Transmit (earth-to-space) 1 980 MHz to 2 010 MHz UE

Receive (space-to-earth) 2 170 MHz to 2 200 MHz The present document is intended to cover the provisions of Directive 2014/53/EU [7] (RE Directive) article 3.2 which states that "….radio equipment shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference". In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the RE Directive [7] may apply to equipment within the scope of the present document. NOTE: A list of such ENs is included on the web site http://www.newapproach.org.

Keel: en
Alusdokumendid: EN 302 574-3 V2.1.1

EVS-EN 302 609 V2.1.1:2017

Lähitoimeseadmed (SRD); Raudteesidesüsteemi Euroloop raadioseadmed; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Short Range Devices (SRD); Radio equipment for Euroloop railway systems; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

The present document covers the technical requirements for radio transmitters and receivers used in the Euroloop transmission system. The system is used in railway systems. The present document applies to the following equipment: 1) The On-Board Equipment (OBE) receiving the Euroloop signal and the OBE comprises a receiver fitted with a dedicated antenna. 2) The Track-Side Equipment (Euroloop) transmitting the Euroloop signal that is always installed in an inner or outer foot of a rail. The Euroloop transmission system operates in frequency bands listed in table 1 in accordance with the EC Decision 2013/752/EU [i.2], and ERC Recommendation 70-03 [i.3], annex 4. These radio equipment types are capable of operating at the following frequencies as given below in table 1. Table 1: Radio communications frequencies Radio communications frequencies OBE receive frequency band 11,1 -16,0 MHz OBE transmit frequency band 27,09 - 27,10 MHz Euroloop receiver frequency band 27,09 - 27,10 MHz Euroloop transmit frequency band 11,1 -16,0 MHz Euroloop transmit modulation BPSK, DSSS chip rate 4,516 MHz The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

Keel: en
Alusdokumendid: EN 302 609 V2.1.1

EVS-EN 302 729 V2.1.1:2017

Lähitoimeseadmed (SRD); Sagedusvahemikes 6-8,5 GHz, 24,05-26,5 GHz, 57-64 GHz, 75-85 GHz töötavad taseme sondeerimisseadmed (LPR); Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Short Range Devices (SRD); Level Probing Radar (LPR) equipment operating in the frequency ranges 6 GHz to 8,5 GHz, 24,05 GHz to 26,5 GHz, 57 GHz to 64 GHz, 75 GHz to 85 GHz; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

The present document applies to the following equipment types: Level Probing Radar (LPR) applications are based on pulse RF, FMCW, or similar wideband techniques. LPR radio equipment types are capable of operating in all or part of the frequency bands as specified in table 1. Table 1: Level Probing Radar (LPR) permitted frequency bands [i.13] LPR assigned frequency bands (GHz) Transmit and Receive 6 to 8,5 Transmit and Receive 24,05 to 26,5 Transmit and Receive 57 to 64 Transmit and Receive 75 to 85 The present document contains requirements to demonstrate that LPR equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference. Table 1 shows a list of the frequency bands as assigned to Level Probing Radars in the European Commission Decision 2013/752/EU [i.13] on harmonised deployment conditions for industrial Level Probing Radars (LPR) as known at the date of publication of the present document. Technical and regulatory requirements for LPR are provided in ECC Decision (11)02 [i.20], which are based on ECC Report 139 [i.8]. LPRs are used in many industries concerned with process control to measure the amount of various substances (mostly liquids or granulates). LPRs are used for a wide range of applications such as process control, custody transfer measurement (government legal measurements), water and other liquid monitoring, spilling prevention and other industrial applications. The main purposes of using LPRs are: • to increase reliability by preventing accidents; • to increase industrial efficiency, quality and process control; • to improve environmental conditions in production processes. LPRs always consist of a combined transmitter and receiver and are used with an integral or dedicated antenna. The LPR equipment is for professional applications where installation and maintenance are performed by professionally trained individuals only. NOTE: LPR antennas are always specific directive antennas and no LPR omnidirectional antennas are used. This is also important in order to limit the illuminated surface area as well as to control and limit the scattering caused by the edges of the surface. The scope is limited to LPRs operating as Short Range Devices (SRD). The LPR applications in the present document are not intended for communications purposes.

Keel: en
Alusdokumendid: EN 302 729 V2.1.1

EVS-EN 302 858 V2.1.1:2017

Lähitoimeseadmed; Transpordi ja liikluse telemaatika (TTT); Radari seadmed, mis töötavad raadiosagedusalas 24,05 GHz kuni 24,25 GHz või 24,05 GHz kuni 24,50 GHz; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel
Short Range Devices; Transport and Traffic Telematics (TTT); Radar equipment operating in the 24,05 GHz to 24,25 GHz or 24,05 GHz to 24,50 GHz range; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU

The present document applies to the following equipment types: • automotive radar equipment operating in the 24,05 GHz to 24,25 GHz frequency range (narrowband radar equipment); • automotive radar equipment operating in the 24,05 GHz to 24,50

GHz frequency range (WLAM wideband low activity mode radar equipment). The WLAM mode can be activated and operated in three different sub-modes (SM) as defined in CEPT/ECC Report 164 [i.8]: - SM1: Forward facing Radars, Front-permanent Calibration sub-mode. - SM2: Forward facing Radars, Front Emergency APPS sub-mode, activated for emergency braking support in case of a crash event monitored by a camera, for a vehicle speed above 20 km/h. - SM3: Rear facing Radars, Rear-parking sub-mode, activated only when the vehicle moves back to better discriminate pedestrians, v < 30 km/h. A radar EUT can work in one, two, or three of these sub-modes. The radar sensor manufacturer has to declare in which sub-modes the EUT operates and how to switch between the sub-modes. The present document contains the technical characteristics and test methods for narrowband radar equipment fitted with integral antennas operating in the frequency range from 24,05 GHz to 24,25 GHz or from 24,05 GHz to 24,50 GHz and references CEPT/ERC Recommendation 70-03 [i.1] and EC Decision 2013/752/EU [i.2]. Table 1 shows the frequency bands as designated to narrowband radar and WLAM radar devices. Table 1: Narrowband and WLAM radar devices frequency of operation Frequency bands / frequencies Transmit 1 24,05 GHz to 24,25 GHz Receive 1 24,05 GHz to 24,25 GHz Transmit 2 24,05 GHz to 24,50 GHz (see note) Receive 2 24,05 GHz to 24,50 GHz (see note) NOTE: For WLAM operation mode only. The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference. In case of differences (for instance concerning special conditions, definitions, abbreviations) between the present document and ETSI EN 303 396 [1], the provisions of the present document take precedence.

Keel: en
Alusdokumendid: EN 302 858 V2.1.1

EVS-EN 303 146-2 V1.2.1:2017

Reconfigurable Radio Systems (RRS); Mobile Device (MD) information models and protocols; Part 2: Reconfigurable Radio Frequency Interface (RRFI)

The present document defines an information model and protocol for reconfigurable radio frequency interface for reconfigurable MDs. The work is based on the Use Cases defined in ETSI TR 102 944 [i.1], on the system requirements defined in ETSI EN 302 969 [1] and on the radio reconfiguration related architecture for mobile devices defined in ETSI EN 303 095 [i.8].

Keel: en
Alusdokumendid: EN 303 146-2 V1.2.1

EVS-EN 303 146-3 V1.2.1:2017

Reconfigurable Radio Systems (RRS); Mobile Device (MD) information models and protocols; Part 3: Unified Radio Application Interface (URAI)

The scope of the present document is to define an information model and protocol for unified radio application interface for mobile device reconfiguration. The work is based on the Use Cases defined in ETSI TR 102 944 [i.1], on the system requirements defined in ETSI EN 302 969 [1] and on the radio reconfiguration related architecture for mobile devices defined in ETSI EN 303 095 [i.2] and on the mobile device information models and protocols related Multiradio Interface defined ETSI EN 303 146-1 [i.3].

Keel: en
Alusdokumendid: EN 303 146-3 V1.2.1

EVS-EN 303 213-1 V1.4.1:2017

Lennuvälja maapealse liikluse juhtimise täiustatud süsteem (A-SMGCS); Osa 1: Ühenduse spetsifikatsioon ühtse Euroopa taeva koostalitusvõime määruse EÜ 522/2004 rakendamiseks A-SMGCS tasemele 1 koos väliste liidestega
Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 1: Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 for A-SMGCS Level 1 including external interfaces

The present document is applicable to Advanced Surface Movement Guidance and Control System (A-SMGCS) Level 1. This system provides enhanced surveillance functionalities, as well as a display to controllers with accurate and unambiguous identity and position information on the entire manoeuvring and movement area. The present document provides a European Standard for Air Navigation Service Providers, which have to demonstrate and declare compliance of their systems and procedures to the IOP regulation. Any software elements related to the software assurance level of an A-SMGCS are outside of the scope of the present document. As such the essential requirements of the Interoperability Regulation are not considered for software elements within the present document. The present document does not give presumption of conformity related to the maintenance requirements, environmental constraints, procedure level, effect of harmful interference and civil/military coordination. NOTE 1: For these ERs, please refer to the Air Navigation Service Provider procedures. Requirements in the present document which refer to "should" statements or recommendations in the normatively referenced material (clause 2.1) are to be interpreted as fully normative ("shall") for the purpose of compliance with the present document. The present document does not give presumption of conformity to any current interoperability Implementing Rules. NOTE 2: Currently there are no relevant Implementing Rules for A-SMGCS.

Keel: en
Alusdokumendid: EN 303 213-1 V1.4.1

EVS-EN 303 213-2 V1.4.1:2017

Lennuvälja maapealse liikluse juhtimise täiustatud süsteem (A-SMGCS); Osa 2: Ühenduse spetsifikatsioon ühtse Euroopa taeva koostalitusvõime määruse EÜ 522/2004 rakendamiseks A-SMGCS tasemele 2 koos väliste liidestega

Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 2: Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 for A-SMGCS Level 2 including external interfaces

The present document is applicable to Advanced Surface Movement Guidance and Control Systems (A-SMGCS) Level 2. This system provides enhanced surveillance functionalities such as advanced monitoring and alerting functions. The present document provides a European Standard for Air Navigation Service Providers, who need to demonstrate and declare compliance of their systems and procedures to the IOP Regulation. Any software elements related to the software assurance level of an A-SMGCS are outside of the scope of the present document. As such the essential requirements of the Interoperability Regulation are not considered for software elements within the present document. The present document does not give presumption of conformity related to the maintenance requirements, environmental constraints, procedure level, effect of harmful interference and civil/military coordination. NOTE 1: For these ERs, please refer to the Air Navigation Service Provider procedures. NOTE 2: For those parts of the essential requirements, where annexes A and SA give no presumption of conformity, please refer to the Air Navigation Service Provider procedures. Requirements in the present document which refer to "should" statements or recommendations in the normatively referenced material (clause 2.1) are to be interpreted as fully normative ("shall") for the purpose of compliance with the present document.

Keel: en
Alusdokumendid: EN 303 213-2 V1.4.1

EVS-EN 303 372-1 V1.1.1:2017

Satelliitside maajaamad ja süsteemid (SES). Satelliitülekande vastuvõtu seadmed; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 1: aadiosagedusalas 10,7 GHz kuni 12,75 GHz töötav välisvastuvõtuseade
Satellite Earth Stations and Systems (SES); Satellite broadcast reception equipment; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 1: Outdoor unit receiving in the 10,7 GHz to 12,75 GHz frequency band

The present document applies to ODUs for satellite broadcast reception from geostationary satellites in the frequency band 10,7 GHz to 12,75 GHz. An ODU receives electromagnetic waves from a satellite. It amplifies the receive signal at low noise, converts it to a lower frequency band and makes it available to the IDU on an interface. Part of the IDU functionality may be integrated with the ODU. In that case the present document applies only to the conventional ODU functionality. The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

Keel: en
Alusdokumendid: EN 303 372-1 V1.1.1

EVS-EN 303 396 V1.1.1:2017

Short Range Devices; Measurement Techniques for Automotive and Surveillance Radar Equipment

The present document describes possible measurement techniques and procedures for the conformance measurements applicable to automotive and surveillance radar equipments. The present document will be used as a reference for existing and future ETSI standards covering automotive and surveillance radar equipments.

Keel: en
Alusdokumendid: EN 303 396 V1.1.1

EVS-EN 303 883 V1.1.1:2017

Short Range Devices (SRD) using Ultra Wide Band (UWB); Measurement Techniques

The present document summarizes the available information of possible measurement techniques and procedures for the conformance measurement of various UWB signal formats in order to comply with the given transmission limits given in the current regulation. The present document will be used as a reference for existing and future ETSI standards covering UWB technologies.

Keel: en
Alusdokumendid: EN 303 883 V1.1.1

EVS-EN 61970-301:2017

Energy management system application program interface (EMS-API) - Part 301: Common information model (CIM) base

IEC 61970-301:2013 defines the Common Information Model (CIM), that is an abstract model representing all the major objects in an electric utility enterprise typically involved in utility operations. By providing a standard way of representing power system resources as object classes and attributes, along with their relationships, the CIM facilitates the integration of Energy Management System (EMS) applications developed independently by different vendors, between entire EMS systems developed independently, or between an EMS system and other systems concerned with different aspects of power system operations, such as generation or distribution management. SCADA is modeled to the extent necessary to support power system simulation and inter-control center communication. The CIM facilitates integration by defining a common language (i.e. semantics) based on the CIM to enable these applications or systems to access public data and exchange information independent of how such information is represented internally. Major changes from the fourth edition include the following: - transformer models have been modified to be consistent for use by distribution and transmission purposes; - a more general and clear naming approach was added and several ambiguous attributes related to naming were dropped; - phase component wires models have been enhanced to describe

internal phase specific attributes and connections; - addition of diagram layout models to facilitate the exchange of diagram layout information.

Keel: en
Alusdokumendid: IEC 61970-301:2016; EN 61970-301:2017
Asendab dokumenti: EVS-EN 61970-301:2014

35 INFOTEHNOLOOGIA

CEN ISO/TS 17574:2017

Electronic fee collection - Guidelines for security protection profiles (ISO/TS 17574:2017)

ISO/TS 17574:2017 provides guidelines for preparation and evaluation of security requirements specifications, referred to as Protection Profiles (PP) in ISO/IEC 15408 (all parts) and in ISO/IEC TR 15446. By Protection Profile (PP), it means a set of security requirements for a category of products or systems that meet specific needs. A typical example would be a PP for On-Board Equipment (OBE) to be used in an EFC system. However, the guidelines in this document are superseded if a Protection Profile already exists for the subsystem in consideration.

Keel: en
Alusdokumendid: ISO/TS 17574:2017; CEN ISO/TS 17574:2017
Asendab dokumenti: CEN ISO/TS 17574:2009

CEN ISO/TS 19091:2017

Intelligent transport systems - Cooperative ITS - Using V2I and I2V communications for applications related to signalized intersections (ISO/TS 19091:2017)

ISO/TS 19091:2017 defines the message, data structures, and data elements to support exchanges between the roadside equipment and vehicles to address applications to improve safety, mobility and environmental efficiency. In order to verify that the defined messages will satisfy these applications, a systems engineering process has been employed that traces use cases to requirements and requirements to messages and data concepts. This document consists of a single document that contains the base specification and a series of annexes. The base specification lists the derived information requirements (labelled informative) and references to other standards for message definitions where available. Annex A contains descriptions of the use cases addressed by this document. Annex B and Annex C contain traceability matrices that relate use cases to requirements and requirements to the message definitions (i.e. data frames and data elements). The next annexes list the base message requirements and application-oriented specific requirements (requirements traceability matrix) that map to the message and data concepts to be implemented. As such, an implementation consists of the base plus an additional group of extensions within this document. Details on information requirements, for other than SPaT, MAP, SSM, and SRM messages are provided in other International Standards. The focus of this document is to specify the details of the SPaT, MAP, SSM, and SRM supporting the use cases defined in this document. Adoption of these messages varies by region and their adoption may occur over a significant time period. ISO/TS 19091:2017 covers the interface between roadside equipment and vehicles. Applications, their internal algorithms, and the logical distribution of application functionality over any specific system architecture are outside the scope of this document.

Keel: en
Alusdokumendid: ISO/TS 19091:2017; CEN ISO/TS 19091:2017

43 MAANTEESÕIDUKITE EHITUS

EVS-EN 62827-3:2017

Wireless power transfer - Management - Part 3: Multiple source control management

IEC 62827-3:2016(E) specifies methods and procedures to form groups for a spatial wireless power-transfer system. The group of spatial wireless power-transfer systems that include multiple power sources provides power transfer to receiving devices based on magnetic resonance technology. In order to achieve efficient power transfer to multiple receiving devices, this document also specifies methods and procedures to set, share, and control the conditions of power transfer between multiple power sources and receiving devices.

Keel: en
Alusdokumendid: IEC 62827-3:2016; EN 62827-3:2017

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 2311:2017

Aerospace series - Bushes with self-lubricating liner - Technical specification

This document specifies the required characteristics, inspections and tests, quality assurance and qualification, acceptance and delivery conditions for bushes, designed to be subjected under load, to slow sliding movements, rotations and small oscillations only for aerospace applications. This standard applies to all bushes when referred to in the respective product standards or in a design documentation. The liner is designed to be used in the temperature range of -50 °C to 163 °C. Aluminium bushes are limited to -55 °C to 121 °C.

Keel: en
Alusdokumendid: EN 2311:2017
Asendab dokumenti: EVS-EN 2311:2012

EVS-EN 3375-011:2017

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

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

Keel: en
Alusdokumendid: EN 3375-011:2017
Asendab dokumenti: EVS-EN 3375-011:2015

EVS-EN 6059-301:2017

Aerospace series - Electrical cables, installation - Protection sleeves - Test methods - Part 301: Sun light exposure

This European Standard specifies a method for the sun light exposure of protection sleeve for electrical cable and cable bundles for aerospace application. It shall be used together with EN 6059-100.

Keel: en
Alusdokumendid: EN 6059-301:2017

EVS-EN 6059-302:2017

Aerospace series - Electrical cables, installation - Protection sleeves - Test methods - Part 302: High temperature exposure

This European Standard specifies a method for the high temperature exposure of protection sleeve for electrical cable and cable bundles for aerospace application. It shall be used together with EN 6059-100.

Keel: en
Alusdokumendid: EN 6059-302:2017

EVS-EN 6059-304:2017

Aerospace series - Electrical cables, installation - Protection sleeves - Test methods - Part 304: Flammability

This European Standard specifies methods for determining the flammability characteristics of protective sleeves, including heat shrink dual wall sleeves, for electric cable and cable bundles. It shall be used together with EN 6059-100. These tests are designed to satisfy the requirements in JAR-25 Section 1, Part 1, Appendix F. There are two methods included in this standard: Method 1 - Applicable for textile fabric sleeves. Method 2 - Applicable non-textile sleeves for use on electrical/ optical cables and harness components.

Keel: en
Alusdokumendid: EN 6059-304:2017

EVS-EN 6138:2017

Aerospace series - Cap, protective, non-metallic for fitting ends ≤ 3 000 PSI hydraulic systems

This European Standard specifies the dimensions, tolerances and required characteristics of protective caps to seal fluid ports during transportation and storage in order to prevent: contamination by moisture, fluids, chemicals and particles; spillage inside package or aircraft section; port and pipe end damages; port and pipe clogging due to plug ingestion. Because of the cleanliness requirements, parts shall only be used once.

Keel: en
Alusdokumendid: EN 6138:2017

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN ISO 15236-3:2017

Steel cord conveyor belts - Part 3: Special safety requirements for belts for use in underground installations (ISO 15236-3:2017)

ISO 15236-3:2017 specifies the performance and constructional requirements applicable to conveyor belts for underground mining having steel cords in the longitudinal direction as reinforcement. The requirements for design and construction apply to the design of single belts, as well as the design of complete type series such as those covered in ISO 15236- 2. Steel cord belts in accordance with this document are intended for use underground in coal mines and in other applications where the highest demands for safety against fire and explosion hazards have to be complied with. NOTE At present, the requirements can only be met by the use of compounds based on chloroprene rubber for the covers, as well as for the bonding rubber.

Keel: en
Alusdokumendid: ISO 15236-3:2017; EN ISO 15236-3:2017
Asendab dokumenti: EVS-EN ISO 15236-3:2008

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 61242:2001/A13:2017

Elektrilised lisaseadmed. Kaablirullid majapidamis- ja muuks taoliseks kasutuseks
Electrical accessories - Cable reels for household and similar purposes

Muudatus standardile EN 61242:1997

Keel: en
Alusdokumendid: EN 61242:1997/A13:2017
Muudab dokumenti: EVS-EN 61242:2001

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN ISO 6246:2017

Petroleum products - Gum content of fuels - Jet evaporation method (ISO 6246:2017)

ISO 6246:2017 specifies a method for determining the existent gum content of aviation fuels and the gum content of motor gasoline or other volatile distillates. It includes the determination of products containing ethanol (up to a volume fraction of 85 %) and ether-type oxygenates and deposit control additives. For determination of gum content in automotive ethanol (E85) fuel, no precision data is available (see 14.1). For non-aviation fuels, a procedure for the determination of the heptane-insoluble portion of the residue is also described.

Keel: en
Alusdokumendid: ISO 6246:2017; EN ISO 6246:2017
Asendab dokumenti: EVS-EN ISO 6246:2000

77 METALLURGIA

EVS-EN ISO 9227:2017

Corrosion tests in artificial atmospheres - Salt spray tests (ISO 9227:2017)

ISO 9227:2017 specifies the apparatus, the reagents and the procedure to be used in conducting the neutral salt spray (NSS), acetic acid salt spray (AASS) and copper-accelerated acetic acid salt spray (CASS) tests for assessment of the corrosion resistance of metallic materials, with or without permanent or temporary corrosion protection. It also describes the method employed to evaluate the corrosivity of the test cabinet environment. It does not specify the dimensions or types of test specimens, the exposure period to be used for a particular product, or the interpretation of results. Such details are provided in the appropriate product specifications. The salt spray tests are particularly useful for detecting discontinuities, such as pores and other defects, in certain metallic, organic, anodic oxide and conversion coatings. The neutral salt spray (NSS) test particularly applies to - metals and their alloys, - metallic coatings (anodic and cathodic), - conversion coatings, - anodic oxide coatings, and - organic coatings on metallic materials. The acetic acid salt spray (AASS) test is especially useful for testing decorative coatings of copper + nickel + chromium, or nickel + chromium. It has also been found suitable for testing anodic and organic coatings on aluminium. The copper-accelerated acetic acid salt spray (CASS) test is useful for testing decorative coatings of copper + nickel + chromium, or nickel + chromium. It has also been found suitable for testing anodic and organic coatings on aluminium. The salt spray methods are all suitable for checking that the quality of a metallic material, with or without corrosion protection, is maintained. They are not intended to be used for comparative testing as a means of ranking different materials relative to each other with respect to corrosion resistance or as means of predicting long-term corrosion resistance of the tested material.

Keel: en
Alusdokumendid: ISO 9227:2017; EN ISO 9227:2017
Asendab dokumenti: EVS-EN ISO 9227:2012

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 20028-1:2017

Plastics - Thermoplastic polyester (TP) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 20028-1:2017)

ISO 20028-1:2017 establishes a system of designation for thermoplastic polyester (TP) material, which can be used as the basis for specifications. It covers polyester homopolymers for moulding and extrusion based on poly(ethylene terephthalate) (PET), poly(butylene terephthalate) (PBT), poly(cyclohexylenedimethylene terephthalate) (PCT), poly(ethylene naphthalate) (PEN), poly(butylene naphthalates) (PBN) and other TP-types and copolyesters of various compositions for moulding and extrusion. The types of thermoplastic polyester are differentiated from each other by a classification system based on appropriate levels of the designatory properties: a) viscosity number; b) tensile modulus of elasticity; and on information about the intended application and/or method of processing, important properties, additives, colorants, fillers and reinforcing materials. This designation system is applicable to thermoplastic polyester homopolymers and copolymers. It applies to materials ready for normal use in the form of powder, granules or pellets, unmodified or modified by colorants, fillers and other additives. This document does not apply to the saturated polyester/ester and polyether/ester thermoplastic elastomers covered by ISO 20029. It is not intended to imply that materials having the same designation give necessarily the same performance. This document does not provide engineering data, performance data or data on processing conditions which can be required to specify a material. If such additional properties are required, they are intended to be determined in accordance with the test methods specified in ISO 20028- 2, if suitable. In order to designate a thermoplastic polyester material to meet particular specifications, the requirements are to be given in data block 5 (see 4.1).

Keel: en

Alusdokumendid: ISO 20028-1:2017; EN ISO 20028-1:2017
Asendab dokumenti: EVS-EN ISO 7792-1:2012

EVS-EN ISO 20028-2:2017

Plastics - Thermoplastic polyester (TP) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 20028-2:2017)

ISO 20028-2:2017 specifies the methods of preparation of test specimens and the standard test methods to be used in determining the properties of thermoplastic polyester moulding and extrusion materials. Requirements for handling test material and for conditioning both the test material before moulding and the specimens before testing are given. Procedures and conditions for the preparation of test specimens in a specified state and procedures for measuring properties of the materials from which these specimens are made are given. Properties and test methods which are suitable and necessary to characterize thermoplastic polyester moulding and extrusion materials are listed. The properties have been selected from the general test methods in ISO 10350- 1. Other test methods in wide use for or of particular significance to these moulding and extrusion materials are also included in this document, as are the designatory properties specified in ISO 20028-1 (viscosity number and tensile modulus of elasticity). In order to obtain reproducible and comparable test results, it is necessary to use the methods of specimen preparation and conditioning, the specimen dimensions and the test procedures specified herein. Values determined will not necessarily be identical to those obtained using specimens of different dimensions or prepared using different procedures.

Keel: en
Alusdokumendid: ISO 20028-2:2017; EN ISO 20028-2:2017
Asendab dokumenti: EVS-EN ISO 7792-2:2012

91 EHITUSMATERJALID JA EHITUS

CEN/TR 12831-2:2017

Energy performance of buildings - Method for calculation of the design heat load - Part 2: Explanation and justification of EN 12831-1, Module M3-3

This Technical Report refers to standard FprEN 12831, module M3-3 (FprEN 12831-1). It contains information to support the correct understanding, use and national adaptation of standard FprEN 12831-1.

Keel: en
Alusdokumendid: CEN/TR 12831-2:2017

CEN/TR 15316-6-1:2017

Energy performance of buildings- Method for calculation of system energy requirements and system efficiencies - Part 6-1: Explanation and justification of EN 15316-1, Module M3-1, M3-4, M3-9, M8-1, M8-4

This Technical Report (CEN/TR 15316-6-1) specifies details for EN 15316-1 and gives additional information for the application of EN 15316-1.

Keel: en
Alusdokumendid: CEN/TR 15316-6-1:2017

CEN/TR 15316-6-7:2017

Energy performance of buildings - Method for calculation of system energy requirements and system efficiencies - Part 6-7: Explanation and justification of EN 15316-4-4, Module M8-3-4, M8-8-4, M8-11-4

This Technical Report (CEN/TR 15316-6-7) specifies details for EN 15316-4-4 and gives additional information for the application of EN 15316-4-4.

Keel: en
Alusdokumendid: CEN/TR 15316-6-7:2017

CEN/TR 15378-2:2017

Energy performance of buildings - Heating systems and DHW in buildings - Part 2: Explanation and justification of EN 15378-1, Module M3-11 and M8-11

This Technical Report refers to FprEN 15378 1. It contains information to support the correct understanding, use and national adaptation of FprEN 15378-1.

Keel: en
Alusdokumendid: CEN/TR 15378-2:2017

EVS-EN 12039:2016/AC:2017

Flexible sheets for waterproofing - Bitumen sheets for roof waterproofing - Determination of adhesion of granules

Corrigendum for EN 12039:2016

Keel: en
Alusdokumendid: EN 12039:2016/AC:2017

Parandab dokumenti: EVS-EN 12039:2016

EVS-EN 13653:2017

Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles - Determination of shear strength

This document is one of a series of standards applicable to flexible sheets for waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles. This document specifies a test method for the evaluation of the shear strength properties of the waterproofing sheet system applied to a concrete surface and with an asphalt layer.

Keel: en
Alusdokumendid: EN 13653:2017
Asendab dokumenti: EVS-EN 13653:2004

EVS-EN 1366-10:2011+A1:2017

Tehnoseadmete tulepüsivuse katsed. Osa 10: Suitsutõrjesiibrid
Fire resistance tests for service installations - Part 10: Smoke control dampers

This European Standard specifies test methods for smoke control dampers to assess their performance under elevated temperature or fire conditions. It needs to be noted that the smoke control damper to be tested may require testing to EN 1366-2 and that this needs to be considered before carrying out these tests. Smoke control damper tests are required to confirm that the furnace testing requirements of EN 12101-8 are met and EN 12101-8 needs to be considered before carrying out these tests. Smoke control dampers tested to this European Standard should be classified using EN 13501-4 and this European Standard needs to be considered before carrying out these tests. To this end this European Standard needs to be read in conjunction with EN 12101-8, EN 13501-4, EN 1366-2 and EN 1363-1, the latter giving further details for fire resistance testing. For installation details the requirements for smoke extraction ducts need to be considered and these are defined in EN 1366-8 and EN 1366-9.

Keel: en
Alusdokumendid: EN 1366-10:2011+A1:2017
Asendab dokumenti: EVS-EN 1366-10:2011

EVS-EN 14223:2017

Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles - Determination of water absorption

This European Standard specifies a test method for the determination of water absorption in reinforced bitumen sheets which could influence the functional behaviour of these sheets. NOTE It is primarily the reinforcement's ability to absorb water which is examined by this test.

Keel: en
Alusdokumendid: EN 14223:2017
Asendab dokumenti: EVS-EN 14223:2006

EVS-EN 14691:2017

Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles - Compatibility by heat conditioning

This European Standard specifies a test method for the evaluation of the compatibility of the waterproofing system applied to a concrete surface and covered with an asphalt layer. The complete system is exposed to an accelerated heat conditioning followed by a determination of the shear strength properties before and after heat conditioning.

Keel: en
Alusdokumendid: EN 14691:2017
Asendab dokumenti: EVS-EN 14691:2005

EVS-EN 14692:2017

Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles - Determination of the resistance to compaction of an asphalt layer

This document specifies a test method for the evaluation of the resistance of a bitumen sheet to compaction of an asphalt layer.

Keel: en
Alusdokumendid: EN 14692:2017
Asendab dokumenti: EVS-EN 14692:2005

EVS-EN 14693:2017

Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles - Determination of the behaviour of waterproofing sheets during application of mastic asphalt

This European Standard is applicable to bitumen sheets intended for use with a layer of mastic asphalt. This European Standard specifies a test method for the evaluation of the resistance of bitumen sheets to the rising of the bitumen compound at the application of mastic asphalt in a non-floating manner. Note This European Standard could also be used for bitumen sheets intended for use with other asphalt types as a protection layer.

Keel: en
Alusdokumendid: EN 14693:2017
Asendab dokumenti: EVS-EN 14693:2006

EVS-EN 14694:2017

Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles - Determination of resistance to dynamic water pressure after damage by pre-treatment

This document specifies a test method for the evaluation of the resistance to impact puncturing of a sheet or sheet system.

Keel: en
Alusdokumendid: EN 14694:2017
Asendab dokumenti: EVS-EN 14694:2005

EVS-EN 16783:2017

Thermal insulation products - Product category rules (PCR) for factory made and in-situ formed products for preparing environmental product declarations

This European Standard provides the product category rules (PCR) for Type III environmental declarations (as in EN 15804) for factory made and in situ thermal insulation products. Complementary to EN 15804, the PCR described in this European Standard: - specify the declared unit to be used; - define the system boundaries for thermal insulation products; - specify/describe the default scenarios and rules for defining scenarios for certain life cycle information modules. These PCR are intended to be used for cradle to gate, cradle to gate with options or cradle to grave assessment, provided the intention is properly stated in the system boundary description.

Keel: en
Alusdokumendid: EN 16783:2017

EVS-EN 62053-24:2015/A1:2017

Vahelduvvoolu-mõõteseadmed. Erinõuded. Osa 24: Staatilised põhisagedus-reaktiivenergiaarvestid (klassid 0,5 S, 1 S ja 1)
Electricity metering equipment (a.c.) - Particular requirements - Part 24: Static meters for reactive energy at fundamental frequency (classes 0,5 S, 1 S and 1)

IEC 62053-24:2014 applies only to newly manufactured transformer operated static var-hour meters of accuracy classes 0,5 S, and 1 S as well as direct connected static var-hour meters of accuracy class 1, for the measurement of alternating current electrical reactive energy in 50 Hz or 60 Hz networks and it applies to their type tests only. It 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.

Keel: en
Alusdokumendid: IEC 62053-24:2014/A1:2016; EN 62053-24:2015/A1:2017
Muudab dokumenti: EVS-EN 62053-24:2015

93 RAJATISED

EVS-EN 14187-2:2017

Cold applied joint sealants - Test methods - Part 2: Determination of tack free time

This European Standard describes a test method for determining the tack free time of the cold applied joint sealant for use in joints in roads, air fields and other trafficked areas.

Keel: en
Alusdokumendid: EN 14187-2:2017
Asendab dokumenti: EVS-EN 14187-2:2003

EVS-EN 14187-3:2017

Cold applied joint sealants - Test methods - Part 3: Determination of self-levelling properties

This European Standard describes a test method for determination of the self-levelling properties of cold applied normal and fuel resistant joint sealants for concrete pavements to be used in roads, airfields and other trafficked areas.

Keel: en
Alusdokumendid: EN 14187-3:2017
Asendab dokumenti: EVS-EN 14187-3:2003

EVS-EN 14187-4:2017

Cold applied joint sealants - Test methods - Part 4: Determination of the change in mass and volume after immersion in test fuels and liquid chemicals

This European Standard describes a test method of the evaluation of the resistance of cold applied joint sealants to the action of liquid chemicals by measuring the change in mass and volume after immersion in test fuels and in liquid chemicals.

Keel: en

Alusdokumendid: EN 14187-4:2017
Asendab dokumenti: EVS-EN 14187-4:2003

EVS-EN 14187-6:2017

Cold applied joint sealants - Test method - Part 6: Determination of the adhesion/cohesion properties after immersion in test fuels and liquid chemicals

This European Standard specifies a test method to determine the adhesion/cohesion properties after immersion in test fuels and liquid chemicals.

Keel: en
Alusdokumendid: EN 14187-6:2017
Asendab dokumenti: EVS-EN 14187-6:2003

EVS-EN 14187-8:2017

Cold applied joint sealants - Test methods - Part 8: Determination of the artificial weathering by UV-irradiation

This European Standard describes a test method for evaluating the resistance of cold applied joint sealants to the action of UV-light by determination of the change of physical properties after irradiation by artificial UV-light.

Keel: en
Alusdokumendid: EN 14187-8:2017
Asendab dokumenti: EVS-EN 14187-8:2003

EVS-EN 1793-1:2017

Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 1: Intrinsic characteristics of sound absorption under diffuse sound field conditions

This European Standard specifies the laboratory method for measuring the sound absorption performance of road traffic noise reducing devices in reverberant conditions. It covers the assessment of the intrinsic sound absorption performance of devices that can reasonably be assembled inside the testing facility described in EN ISO 354. This method is not intended for the determination of the intrinsic characteristics of sound absorption of noise reducing devices to be installed on roads in non-reverberant conditions. The test method in EN ISO 354 referred to in this European Standard excludes devices that act as weakly damped resonators. Some devices will depart significantly from these requirements and in these cases, care is needed in interpreting the results.

Keel: en
Alusdokumendid: EN 1793-1:2017
Asendab dokumenti: EVS-EN 1793-1:2012

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 61242:2001/A13:2017

Elektrilised lisaseadmed. Kaablirullid majapidamis- ja muuks taoliseks kasutuseks Electrical accessories - Cable reels for household and similar purposes

Muudatus standardile EN 61242:1997

Keel: en
Alusdokumendid: EN 61242:1997/A13:2017
Muudab dokumenti: EVS-EN 61242:2001

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 15826:2010
Vitreous and porcelain enamels - Terminology

Keel: en
Alusdokumendid: EN 15826:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 19496-1:2017
Standardi staatus: Kehtetu

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

CEN ISO/TS 17574:2009
Electronic fee collection - Guidelines for security protection profiles

Keel: en
Alusdokumendid: ISO/TS 17574:2009; CEN ISO/TS 17574:2009
Asendatud järgmise dokumendiga: CEN ISO/TS 17574:2017
Standardi staatus: Kehtetu

EVS-EN 14467:2004
Recreational diving services - Requirements for recreational scuba diving service providers

Keel: en
Alusdokumendid: EN 14467:2004
Asendatud järgmise dokumendiga: EVS-EN ISO 24803:2017
Standardi staatus: Kehtetu

07 LOODUS- JA RAKENDUSTEADUSED

CEN ISO/TS 15216-1:2013
Microbiology of food and animal feed - Horizontal method for determination of hepatitis A virus and norovirus in food using real-time RT-PCR - Part 1: Method for quantification (ISO/TS 15216-1:2013, Corrected Version 2013-05-01)

Keel: en
Alusdokumendid: ISO/TS 15216-1:2013; CEN ISO/TS 15216-1:2013
Asendatud järgmise dokumendiga: EVS-EN ISO 15216-1:2017
Standardi staatus: Kehtetu

EVS-EN ISO 29621:2011
Cosmetics - Microbiology - Guidelines for the risk assessment and identification of microbiologically low-risk products (ISO 29621:2010)

Keel: en
Alusdokumendid: ISO 29621:2010; EN ISO 29621:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 29621:2017
Standardi staatus: Kehtetu

EVS-EN ISO 6887-1:2001
Toiduainete ja loomasöötade mikrobioloogia. Katseproovide, algsuspensiooni ja kümnendlahjenduste valmistamine mikrobioloogiliseks uuringuks. Osa 1: Üldeeskirjad algsuspensiooni ja kümnendlahjenduste valmistamiseks
Microbiology of food and animal feeding stuffs - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 1: General rules for the preparation of the initial suspension and of decimal dilutions

Keel: en, et
Alusdokumendid: ISO 6887-1:1999; EN ISO 6887-1:1999
Asendatud järgmise dokumendiga: EVS-EN ISO 6887-1:2017
Standardi staatus: Kehtetu

EVS-EN ISO 6887-2:2003

Microbiology of food and animal feeding stuffs - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 2: Specific rules for the preparation of meat and meat products

Keel: en
Alusdokumendid: ISO 6887-2:2003; EN ISO 6887-2:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 6887-2:2017
Standardi staatus: Kehtetu

EVS-EN ISO 6887-3:2003

Toidu ja loomasöötade mikrobioloogia. Katseproovide, algsuspensiooni ja kümnendlahjenduste valmistamine mikrobioloogiliseks uuringuks. Osa 3: Erieeskirjad kala ja kalatoodete ettevalmistamiseks
Microbiology of food and animal feeding stuffs - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 3: Specific rules for the preparation of fish and fishery products (ISO 6887-3:2003)

Keel: en, et
Alusdokumendid: ISO 6887-3:2003; EN ISO 6887-3:2003
Asendatud järgmise dokumendiga: EVS-EN ISO 6887-3:2017
Standardi staatus: Kehtetu

EVS-EN ISO 6887-4:2003

Microbiology of food and animal feeding stuffs - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 4: Specific rules for the preparation of products other than milk and milk products, meat and meat products, and fish and fishery products

Keel: en
Alusdokumendid: ISO 6887-4:2003; EN ISO 6887-4:2003+AC:2004
Asendatud järgmise dokumendiga: EVS-EN ISO 6887-4:2017
Muudetud järgmise dokumendiga: EVS-EN ISO 6887-4:2003/A1:2011
Parandatud järgmise dokumendiga: EVS-EN ISO 6887-4:2003/AC:2013
Standardi staatus: Kehtetu

EVS-EN ISO 6887-4:2003/A1:2011

Microbiology of food and animal feeding stuffs - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 4: Specific rules for the preparation of products other than milk and milk products, meat and meat products, and fish and fishery products (ISO 6887-4:2003/Amd 1:2011)

Keel: en
Alusdokumendid: ISO 6887-4:2003/Amd 1:2011; EN ISO 6887-4:2003/A1:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 6887-4:2017
Standardi staatus: Kehtetu

EVS-EN ISO 6887-4:2003+A1:2011

Toidu ja loomasöötade mikrobioloogia. Katseproovide, algsuspensiooni ja kümnendlahjenduste valmistamine mikrobioloogiliseks uuringuks. Osa 4: Erieeskirjad toodete ettevalmistamiseks, mis ei ole piim ja piimatooted, liha ja lihatooted ning kala ja kalatooted
Microbiology of food and animal feeding stuffs - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 4: Specific rules for the preparation of products other than milk and milk products, meat and meat products, and fish and fishery products (ISO 6887-4:2003+A1:2011)

Keel: en, et
Alusdokumendid: ISO 6887-4:2003+Cor.1:2004+Amd.1:2011; EN ISO 6887-4:2003+AC:2004+EN ISO 6887-4:2003/A1:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 6887-4:2017
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN ISO 11138-1:2006

Bioloogilised süsteemid sterilisaatorite ja sterilisatsiooniprotsesside katsetamiseks. Osa 1: Üldnõuded
Sterilization of health care products - Biological indicators - Part 1: General requirements

Keel: en

Alusdokumendid: ISO 11138-1:2006; EN ISO 11138-1:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 11138-1:2017
Standardi staatus: Kehtetu

EVS-EN ISO 11138-2:2009

Bioloogilised süsteemid sterilisaatorite ja sterilisatsiooniprotsesside katsetamiseks. Osa 2: Spetsiaalsüsteemid kasutamiseks etüleenoksiidsterilisaatorites
Sterilization of health care products - Biological indicators - Part 2: Biological indicators for ethylene oxide sterilization processes

Keel: en
Alusdokumendid: ISO 11138-2:2006; EN ISO 11138-2:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 11138-2:2017
Standardi staatus: Kehtetu

EVS-EN ISO 11138-3:2009

Bioloogilised süsteemid sterilisaatorite ja sterilisatsiooniprotsesside katsetamiseks. Osa 3: Spetsiaalsüsteemid kasutamiseks niiske kuumusega steriliseerivates sterilisaatorites
Sterilization of health care products - Biological indicators - Part 3: Biological indicators for moist heat sterilization processes

Keel: en
Alusdokumendid: ISO 11138-3:2006; EN ISO 11138-3:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 11138-3:2017
Standardi staatus: Kehtetu

EVS-EN ISO 11138-4:2006

Sterilization of health care products - Biological indicators - Part 4: Biological indicators for dry heat sterilization processes

Keel: en
Alusdokumendid: ISO 11138-4:2006; EN ISO 11138-4:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 11138-4:2017
Standardi staatus: Kehtetu

EVS-EN ISO 11138-5:2006

Sterilization of health care products - Biological indicators - Part 5: Biological indicators for low-temperature steam and formaldehyde sterilization processes

Keel: en
Alusdokumendid: ISO 11138-5:2006; EN ISO 11138-5:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 11138-5:2017
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 12101-2:2005

Suitsu ja kuumuse kontrollsüsteemid. Osa 2: Spetsifikatsioonid loomulikul teel suitsu ja kuumuse jääke eemaldavate luukide kohta
Smoke and heat control systems - Part 2: Specification for natural smoke and heat exhaust ventilators

Keel: en, et
Alusdokumendid: EN 12101-2:2003
Asendatud järgmise dokumendiga: EVS-EN 12101-2:2017
Standardi staatus: Kehtetu

EVS-EN 1366-10:2011

Tehnoseadmete tulepüsivuse katsed. Osa 10: Suitsutõrjesiibrid
Fire resistance tests for service installations - Part 10: Smoke control dampers

Keel: en
Alusdokumendid: EN 1366-10:2011
Asendatud järgmise dokumendiga: EVS-EN 1366-10:2011+A1:2017
Standardi staatus: Kehtetu

EVS-EN ISO 11272:2014

Soil quality - Determination of dry bulk density (ISO 11272:1998)

Keel: en

Alusdokumendid: ISO 11272:1998; EN ISO 11272:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 11272:2017
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 1793-1:2012

Maanteeliiklusmüra alandamise meetmed. Katsemeetod akustilise toimevõime määramiseks. Osa 1: Helineeldenäitajad
Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 1: Intrinsic characteristics of sound absorption

Keel: en
Alusdokumendid: EN 1793-1:2012
Asendatud järgmise dokumendiga: EVS-EN 1793-1:2017
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 12101-2:2005

Suitsu ja kuumuse kontrollsüsteemid. Osa 2: Spetsifikatsioonid loomulikul teel suitsu ja kuumuse jääke eemaldavate luukide kohta
Smoke and heat control systems - Part 2: Specification for natural smoke and heat exhaust ventilators

Keel: en, et
Alusdokumendid: EN 12101-2:2003
Asendatud järgmise dokumendiga: EVS-EN 12101-2:2017
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN 13523-27:2009

Coil coated metals - Test methods - Part 27: Resistance to humid poultice (Cataplasm test)

Keel: en
Alusdokumendid: EN 13523-27:2009
Asendatud järgmise dokumendiga: EVS-EN 13523-27:2017
Standardi staatus: Kehtetu

EVS-EN 15826:2010

Vitreous and porcelain enamels - Terminology

Keel: en
Alusdokumendid: EN 15826:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 19496-1:2017
Standardi staatus: Kehtetu

EVS-EN ISO 18276:2006

Welding consumables - Tubular cored electrodes for gasshielded and non-gas-shielded metal arc welding of highstrength steels - Classification

Keel: en
Alusdokumendid: ISO 18276:2005; EN ISO 18276:2006
Asendatud järgmise dokumendiga: EVS-EN ISO 18276:2017
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 61400-25-6:2011

Wind turbines - Part 25-6: Communications for monitoring and control of wind power plants - Logical node classes and data classes for condition monitoring

Keel: en
Alusdokumendid: IEC 61400-25-6:2010; EN 61400-25-6:2011
Asendatud järgmise dokumendiga: EVS-EN 61400-25-6:2017
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 60079-30-1:2007
Plahvatusohtlikud keskkonnad. Osa 30-1: Elektriline takistus-joonkuumutus. Üld- ja katsetusnõuded
Explosive atmospheres -- Part 30-1: Electrical resistance trace heating - General and testing requirements

Keel: en
Alusdokumendid: IEC 60079-30-1:2007; EN 60079-30-1:2007
Asendatud järgmise dokumendiga: EVS-EN 60079-30-1:2017
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 60444-8:2004
Measurement of quartz crystal unit parameters - Part 8: Test fixture for surface mounted quartz crystal units

Keel: en
Alusdokumendid: IEC 60444-8:2003; EN 60444-8:2003
Asendatud järgmise dokumendiga: EVS-EN 60444-8:2017
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 180101:2011
Blank Detail Specification: Fixed fibre optic attenuators

Keel: en
Alusdokumendid: EN 180101:1995
Standardi staatus: Kehtetu

EVS-EN 181000:2002
Generic specification: Fibre optic branching devices

Keel: en
Alusdokumendid: EN 181000:1994
Standardi staatus: Kehtetu

EVS-EN 181101:2002
Blank detail specification: Fibre optic branching devices - Type: Non wavelength selective transmissive star

Keel: en
Alusdokumendid: EN 181101:1994
Standardi staatus: Kehtetu

EVS-EN 181103:2002
Blank Detail Specification: Fibre optic branching devices - Type: Non wavelength selective transmissive star for telecommunication application

Keel: en
Alusdokumendid: EN 181103:1997
Standardi staatus: Kehtetu

EVS-EN 181104:2002
Blank Detail Specification: Fibre optic branching devices - Type: Wavelength selective transmissive star for telecommunication application

Keel: en
Alusdokumendid: EN 181104:1997
Standardi staatus: Kehtetu

EVS-EN 186220:2006
Sectional Specification: Connector sets for optical fibres and cables - Type LSC

Keel: en
Alusdokumendid: EN 186220:1993
Standardi staatus: Kehtetu

EVS-EN 186230:2006
Sectional Specification: Connector sets for optical fibres and cables - Type LSF

Keel: en
Alusdokumendid: EN 186230:1993
Standardi staatus: Kehtetu

EVS-EN 187103:2003
Family specification Optical fibre cables for indoor applications

Keel: en
Alusdokumendid: EN 187103:2003
Standardi staatus: Kehtetu

EVS-EN 187105:2003
Single mode optical cable (duct/direct buried installation)

Keel: en
Alusdokumendid: EN 187105:2002
Standardi staatus: Kehtetu

EVS-EN 50377-9-1:2003
Connector sets and Interconnect components to be used in optical fibre communication systems - Product specifications - Part 9-1: MT-RJ terminated on IEC 60793-2 Category A1a and A1b multimode fibre

Keel: en
Alusdokumendid: EN 50377-9-1:2003
Standardi staatus: Kehtetu

EVS-EN 50377-9-2:2004
Connector sets and interconnect components to be used in optical fibre communication systems - Product specifications - Part 9-2: Type MT-RJ terminated on IEC 60793-2 category B1.1 singlemode fibre

Keel: en
Alusdokumendid: EN 50377-9-2:2004
Standardi staatus: Kehtetu

EVS-EN 50378-3-2:2007
Passive components to be used in optical fibre communication systems - Product specifications -- Part 3-2: Type 4 / 8 channel CWDM module terminated on IEC 60793-2-50 category B1.1 and B1.3 single mode fibre

Keel: en
Alusdokumendid: EN 50378-3-2:2007
Standardi staatus: Kehtetu

EVS-EN 61970-301:2014
Energy management system application program interface (EMS-API) - Part 301: Common information model (CIM) base

Keel: en
Alusdokumendid: IEC 61970-301:2013; EN 61970-301:2014
Asendatud järgmise dokumendiga: EVS-EN 61970-301:2017
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

CEN ISO/TS 17574:2009
Electronic fee collection - Guidelines for security protection profiles

Keel: en
Alusdokumendid: ISO/TS 17574:2009; CEN ISO/TS 17574:2009
Asendatud järgmise dokumendiga: CEN ISO/TS 17574:2017
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 2311:2012
Aerospace series - Bushes with self-lubricating liner - Technical specification

Keel: en
Alusdokumendid: EN 2311:2012
Asendatud järgmise dokumendiga: EVS-EN 2311:2017
Standardi staatus: Kehtetu

EVS-EN 3375-011:2015
Aerospace series - Cable, electrical, for digital data transmission - Part 011: Single braid - Star Quad 100 ohms - Light weight - Type KL - Product standard

Keel: en
Alusdokumendid: EN 3375-011:2015
Asendatud järgmise dokumendiga: EVS-EN 3375-011:2017
Standardi staatus: Kehtetu

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN ISO 15236-3:2008
Teraskoordiga konveierilindid. Osa 3: Maa-alustes paigaldistes kasutamiseks mõeldud terastrossiga lintkonveierid
Steel cord conveyor belts - Part 3: Special safety requirements for belts for use in underground installations

Keel: en
Alusdokumendid: ISO 15236-3:2007; EN ISO 15236-3:2007
Asendatud järgmise dokumendiga: EVS-EN ISO 15236-3:2017
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN ISO 6246:2000
Naftasaadused. Kummivaigu sisaldus kergetes ja keskmiselt destilleeritud kütustes. Pihustusaurutusmeetod
Petroleum products - Gum content of light and middle distillate fuels - Jet evaporation method

Keel: en
Alusdokumendid: ISO 6246:1995; EN ISO 6246:1997
Asendatud järgmise dokumendiga: EVS-EN ISO 6246:2017
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN ISO 9227:2012
Corrosion tests in artificial atmospheres - Salt spray tests (ISO 9227:2012)

Keel: en
Alusdokumendid: ISO 9227:2012; EN ISO 9227:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 9227:2017
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN ISO 7792-1:2012
Plastics - Thermoplastic polyester (TP) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 7792-1:2012)

Keel: en
Alusdokumendid: ISO 7792-1:2012; EN ISO 7792-1:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 20028-1:2017
Standardi staatus: Kehtetu

EVS-EN ISO 7792-2:2012
Plastics - Thermoplastic polyester (TP) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 7792-2:2012)

Keel: en
Alusdokumendid: ISO 7792-2:2012; EN ISO 7792-2:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 20028-2:2017
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

EVS-EN 13653:2004
Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles - Determination of shear strength

Keel: en
Alusdokumendid: EN 13653:2004
Asendatud järgmise dokumendiga: EVS-EN 13653:2017
Standardi staatus: Kehtetu

EVS-EN 14223:2006
Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles - Determination of water absorption

Keel: en
Alusdokumendid: EN 14223:2005
Asendatud järgmise dokumendiga: EVS-EN 14223:2017
Standardi staatus: Kehtetu

EVS-EN 14691:2005
Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles - Determination of compatibility by heat ageing

Keel: en
Alusdokumendid: EN 14691:2005
Asendatud järgmise dokumendiga: EVS-EN 14691:2017
Standardi staatus: Kehtetu

EVS-EN 14692:2005
Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles - Determination of the resistance to compaction of an asphalt layer

Keel: en
Alusdokumendid: EN 14692:2005
Asendatud järgmise dokumendiga: EVS-EN 14692:2017
Standardi staatus: Kehtetu

EVS-EN 14693:2006
Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles - Determination of the behaviour of bitumen sheets during application of mastic asphalt

Keel: en
Alusdokumendid: EN 14693:2006
Asendatud järgmise dokumendiga: EVS-EN 14693:2017
Standardi staatus: Kehtetu

EVS-EN 14694:2005
Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles - Determination of resistance to dynamic water pressure after damage by pre-treatment

Keel: en
Alusdokumendid: EN 14694:2005
Asendatud järgmise dokumendiga: EVS-EN 14694:2017
Standardi staatus: Kehtetu

93 RAJATISED

EVS-EN 14187-2:2003
Cold applied joint sealants - Part 2:Test method for the determination of tack free time

Keel: en
Alusdokumendid: EN 14187-2:2003

Asendatud järgmise dokumendiga: EVS-EN 14187-2:2017
Standardi staatus: Kehtetu

EVS-EN 14187-3:2003
Cold applied joint sealants - Part 3: Test method for the determination of self-levelling properties

Keel: en
Alusdokumendid: EN 14187-3:2003
Asendatud järgmise dokumendiga: EVS-EN 14187-3:2017
Standardi staatus: Kehtetu

EVS-EN 14187-4:2003
Cold applied joint sealants - Part 4: Test method for the determination of the change in mass and volume after immersion in test fuel

Keel: en
Alusdokumendid: EN 14187-4:2003
Asendatud järgmise dokumendiga: EVS-EN 14187-4:2017
Standardi staatus: Kehtetu

EVS-EN 14187-6:2003
Cold applied joint sealants - Part 6: Test method for the determination of the adhesion/cohesion properties after immersion in chemical liquids

Keel: en
Alusdokumendid: EN 14187-6:2003
Asendatud järgmise dokumendiga: EVS-EN 14187-6:2017
Standardi staatus: Kehtetu

EVS-EN 14187-8:2003
Cold applied joint sealants - Part 8: Test method for the determination of the artificial weathering by UV-irradiation

Keel: en
Alusdokumendid: EN 14187-8:2003
Asendatud järgmise dokumendiga: EVS-EN 14187-8:2017
Standardi staatus: Kehtetu

EVS-EN 1793-1:2012
Maanteeliiklusmüra alandamise meetmed. Katsemeetod akustilise toimevõime määramiseks. Osa 1: Helineeldenäitajad
Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 1: Intrinsic characteristics of sound absorption

Keel: en
Alusdokumendid: EN 1793-1:2012
Asendatud järgmise dokumendiga: EVS-EN 1793-1:2017
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 203-3:2009
Gaasküttega toitlustusseadmed. Osa 3: Toiduga kokku puutuvad materjalid ja osad ning muud hügieenialased aspektid
Gas heated catering equipment - Part 3: Materials and parts in contact with food and other sanitary aspects

Keel: en
Alusdokumendid: EN 203-3:2009
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 algupärased standardikavandid ning algupäraste tehniliste spetsifikatsioonide ja juhendite kavandid.

Iga arvamusküsitlusel oleva kavandi kohta on esitatud järgnev informatsioon:
• Tähis
• Pealkiri
• Käsitlusala
• Keel (en = inglise; et = eesti)
• Euroopa või rahvusvahelise alusdokumendi tähis, selle olemasolul
• Asendusseos, selle olemasolul
• Arvamuste esitamise tähtaeg

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

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

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEN 60276:2017
Definitions and nomenclature for carbon brushes, brush-holders, commutators and slip-rings

This standard applies to carbon brushes for electrical machinery. For the present, it applies only to carbon brushes for commutators and slip-rings in rotating machines. By extension terms and definition may be relevant for any kind of sliding electrical contacts for electrical machinery.

Keel: en
Alusdokumendid: IEC 60276:201X; prEN 60276:2017
Asendab dokumenti: EVS-EN 60276:2003

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 81346-2:2017
Industrial systems, installations and equipment and industrial products - Structuring principles and reference designations - Part 2: Classification of objects and codes for classes

This part of International Standard 81346, published jointly by IEC and ISO establishes classification schemes with defined object classes and their associated letter codes primarily intended for use in reference designations and for designation of generic types. The classification schemes are applicable for objects in all technical disciplines and all branches of industry.

Keel: en
Alusdokumendid: IEC 81346-2:201X; prEN 81346-2:2017
Asendab dokumenti: EVS-EN 81346-2:2009

Arvamusküsitluse lõppkuupäev: 18.06.2017

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

prEN ISO 18750
Intelligent transport systems - Cooperative ITS - Local dynamic maps (ISO/DIS 18750:2017)

This Document 1) describes the functionality of a "Local Dynamic Map" (LDM) in the context of the "Bounded Secured Managed Domain" (BSMD) 2) specifies a) general characteristics of LDM Data Objects (LDM-DOs) that may be stored in an LDM, i.e. information on real objects such as vehicles, road works sections, slow traffic sections, special weather condition sections, etc. which are as a minimum requirement location-referenced and time-referenced, b) service access point functions providing interfaces in an ITS station (ITS-S) to access an LDM for c) secure add, update and delete access for ITS-S application processes, d) secure read access (query) for ITS-S application processes, e) secure notifications (upon subscription) to ITS-S application processes f) management access, g) secure registration, de-registration and revocation of ITS-S application processes at LDM h) secure subscription and cancellation of subscriptions of ITS-S application processes, i) procedures in an LDM considering means to maintain the content and integrity of the data store, j) mechanisms supporting several LDMs in a single ITS station unit.

Keel: en
Alusdokumendid: ISO/DIS 18750; prEN ISO 18750
Asendab dokumenti: CEN ISO/TS 18750:2015

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 22315

Societal security - Mass evacuation - Guidelines for planning (ISO 22315:2014)

ISO 22315:2014 provides guidelines for mass evacuation planning in terms of establishing, implementing, monitoring, evaluating, reviewing, and improving preparedness. It establishes a framework for each activity in mass evacuation planning for all identified hazards. It will help organizations to develop plans that are evidence-based and that can be evaluated for effectiveness. ISO 22315:2014 is intended for use by organizations with responsibility for, or involvement in, part or all of the planning for mass evacuation. It is applicable to all types and sizes of organizations that are involved in the planning for mass evacuation, such as local, regional, and national governments; statutory bodies; international and non-governmental organizations; businesses; and public and social groups. ISO 22315:2014 covers planning for mass evacuation in order to gain a more effective response during the actual evacuation. It will assist organizations to meet their obligation of saving human life and reducing suffering. ISO 22315:2014 does not cover activities to stabilize the affected area after an evacuation, protect property, and preserve the environment.

Keel: en
Alusdokumendid: ISO 22315:2014; prEN ISO 22315

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 22397

Societal security - Guidelines for establishing partnering arrangements

ISO 22397:2014 provides guidelines for establishing partnering arrangements among organizations to manage multiple relationships for events impacting on societal security. It incorporates principles and describes the process for planning, developing, implementing and reviewing partnering arrangements. ISO 22397:2014 is applicable to all organizations regardless of type, size and nature of activity whether in or between the private, public, or not-for-profit sectors.

Keel: en
Alusdokumendid: ISO 22397:2014; prEN ISO 22397

Arvamusküsitluse lõppkuupäev: 18.06.2017

07 LOODUS- JA RAKENDUSTEADUSED

EN ISO 19157:2013/prA1

Geographic information - Data quality - Amendment 1: Describing data quality using coverages (ISO 19157:2013/DAmd 1:2017)

Amendment for EN ISO 19157:2013

Keel: en
Alusdokumendid: ISO 19157:2013/DAmd 1; EN ISO 19157:2013/prA1
Muudab dokumenti: EVS-EN ISO 19157:2014

Arvamusküsitluse lõppkuupäev: 18.06.2017

11 TERVISEHOOLDUS

FprEN ISO 10555-6

Intravascular catheters - Sterile and single-use catheters - Part 6: Subcutaneous implanted ports (ISO 10555-6:2015)

ISO 10555-6:2015 specifies requirements, performance, and user safety issues related to subcutaneous implanted ports and catheters for intravascular long-term use supplied in sterile condition and intended for single use. ISO 10555-6:2015 does not specify requirements, performance, and user safety issues related to non-coring needles.

Keel: en
Alusdokumendid: ISO 10555-6:2015; FprEN ISO 10555-6

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 17111

Chemical disinfectants and antiseptics - Quantitative carrier test for the evaluation of virucidal activity for instruments used in the medical area - Test method and requirements (phase 2, step 2)

This European Standard specifies a test method and the minimum requirements for virucidal activity of chemical disinfectant products that form a homogeneous, physically stable preparation when diluted with hard water - or in the case of ready-to-use products - with water. This European Standard applies to products that are used in the medical area for disinfecting instruments by immersion - even if they are not covered by the EEC/93/42 Directive on Medical Devices. This European Standard applies to areas and situations where disinfection is medically indicated. Such indications occur in patient care, for example: a) in hospitals, in community medical facilities and in dental institutions; b) in clinics of schools, of kindergartens and of nursing homes; c) and may occur in the workplace and in the home. It may also include services such as laundries and kitchens supplying products directly for the patients. NOTE 1 the method described is intended to determine the activity of commercial formulations or active substances under the conditions in which they are used. NOTE 2 This method corresponds to a phase 2, step 2 test. EN 14885 specifies in detail the relationship of the various tests to one another and to "use recommendations".

Keel: en

Alusdokumendid: prEN 17111

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 11990

Lasers and laser-related equipment - Determination of laser resistance of tracheal tube shaft and tracheal cuffs (ISO/DIS 11990:2017)

This document specifies a method of testing the continuous wave (cw) laser resistance of the shaft of a tracheal tube and the cuff regions including the inflation system of tracheal tubes designed to resist ignition by a laser. NOTE 1 Caution should be taken in interpreting these results, since the direct applicability of the results of this test method to the clinical situation has not been fully established. NOTE 2 Users of products tested by this method are cautioned that the laser will be wavelength sensitive and tested at the wavelength for which it is intended to be used. If tested using other wavelengths, the power settings and modes of delivery need to be explicitly stated. CAUTION — This test method can involve hazardous materials, operations and equipment. This document provides advice on minimizing some of the risks associated with its use but does not purport to address all such risks. It is the responsibility of the user of this document to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

Keel: en
Alusdokumendid: ISO/DIS 11990; prEN ISO 11990
Asendab dokumenti: EVS-EN ISO 11990-1:2014
Asendab dokumenti: EVS-EN ISO 11990-2:2014

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 20608

Dentistry - Powder jet handpieces and powders (ISO/DIS 20608:2017)

This International Standard applies to air driven powder jet handpieces and their associated powders for use in the field of dentistry on patients to remove dental debris, discolourations and plaque and to clean and polish teeths where abrasion is a side effect. It is also applicable to air driven powder jet handpieces and their associated powders that are used in dentistry for air driven abrasion, e.g. minimally invasive cavity preparation, preparation of surfaces for adhesives and for the removal of cement residues where abrasion is part of the desired outcome. This standard defines the general requirements, test methods, manufacturer's information, marking and packaging, independently of the design of the air driven powder jet handpiece. This standard is not applicable for the dental units that are employed to supply the powder jet handpieces, regardless if these dental units are floor fixed, mobile or table top units. This standard is not applicable to dental prophylaxis handpieces (contra angles), air driven or electrically driven plaque removers (scalers) or multifunctional handpieces (syringes).

Keel: en
Alusdokumendid: ISO/DIS 20608; prEN ISO 20608

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 7492

Dental explorers

This document specifies the dimensions and performance requirements for dental explorers.

Keel: en
Alusdokumendid: ISO/DIS 7492; prEN ISO 7492 rev
Asendab dokumenti: EVS-EN ISO 7492:1999

Arvamusküsitluse lõppkuupäev: 18.06.2017

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS 620-2:2012/prA1

Tuleohutus. Osa 2: Ohutusmärgid
Fire safety - Part 2: Safety signs

Muudatus standardile EVS 620-2:2012.

Keel: et
Muudab dokumenti: EVS 620-2:2012

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 13317

Tanks for transport of dangerous goods - Service equipment for tanks - Manhole cover assembly

This European Standard covers the manhole cover assembly and specifies the performance requirements, dimensions and tests necessary to verify the compliance of the equipment to this standard. The equipment specified by this standard is suitable for use with liquid petroleum products and other dangerous substances of Class 3 of ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road - (flammable liquids) which have a vapour pressure not exceeding 110 kPa at 50 °C including petrol, and which have no-sub-classification as toxic or corrosive.

Keel: en
Alusdokumendid: prEN 13317

Asendab dokumenti: EVS-EN 13317:2003+A1:2006

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 1366-13

Fire resistance tests for service installations - Part 13: Chimneys

Fire resistance tests for service installations - Part xx: Chimneys

Keel: en
Alusdokumendid: prEN 1366-13

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 14596

Tanks for transport of dangerous goods - Service equipment for tanks - Emergency pressure relief valve

This document covers the emergency pressure relief valve. It specifies the performance requirements and the critical dimensions of the emergency pressure relief valve. It also specifies the tests necessary to verify the compliance of the equipment with this document. The service equipment specified by this document is suitable for use with liquid petroleum products and other dangerous substances of Class 3 of ADR [2] which have a vapour pressure not exceeding 110 kPa at 50 °C and petrol, and which have no sub-classification as toxic or corrosive.

Keel: en
Alusdokumendid: prEN 14596
Asendab dokumenti: EVS-EN 14596:2005

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 17110

Tanks for transport of dangerous goods - Service equipment for tanks - Vapour manifold vent valve

This document covers the vapour manifold vent valve used to provide controlled venting of the vapour manifold to atmosphere. It specifies the performance requirements and the critical dimensions of the vapour manifold vent valve. It also specifies the tests necessary to verify compliance of the equipment with this document. The service equipment specified by this document is suitable for use with liquid petroleum products and other dangerous substances of Class 3 of ADR [1] which have a vapour pressure not exceeding 110 kPa at 50 °C and petrol, and which have no sub-classification as toxic or corrosive.

Keel: en
Alusdokumendid: prEN 17110

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 60695-6-2:2017

Fire hazard testing - Part 6-2: Smoke obscuration - Summary and relevance of test methods

This part of IEC 60695 provides a summary of commonly used test methods for the assessment of smoke obscuration. It presents a brief summary of static and dynamic test methods in common use, either as international standards or national or industry standards. It includes special observations on their relevance to electrotechnical products and their materials and to fire scenarios, and it gives recommendations on their use. This basic safety publication is intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. One of the responsibilities of a technical committee is, wherever applicable, to make use of basic safety publications in the preparation of its publications. The requirements, test methods or test conditions of this basic safety publication will not apply unless specifically referred to or included in the relevant publications.

Keel: en
Alusdokumendid: IEC 60695-6-2:201X; prEN 60695-6-2:2017
Asendab dokumenti: EVS-EN 60695-6-2:2011

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 61482-1-1:2017

Live working - Protective clothing against the thermal hazards of an electric arc - Part 1-1: Test methods - Method 1: Determination of the arc rating (ELIM, ATPV and/or EBT) of clothing materials and of protective clothing using an open arc

This part of IEC 61482 specifies test method procedures to determine the arc rating of flame resistant clothing materials and garments or assemblies of garments intended for use in clothing for workers if there is an electric arc hazard. An open arc under controlled laboratory conditions is used to determine the arc rating values ELIM, ATPV or EBT of materials, garments or assemblies of garments. NOTE 1: This International Standard is not dedicated toward classifying the arc protective performance of the material and clothing into arc protection classes. Procedures determining these arc protection classes APC1 and APC2 are prescribed in IEC 61482-1-2, which uses a constrained arc for testing. NOTE 2: The user can, if he desires, classify the arc protective performance into arc rating protection levels based on ELIM, ATPV and/or EBT values which correspond best to different hazard and risks levels, which can result from the user's risk analysis. NOTE 3: This test method is not intended and not appropriate to evaluate whether materials or garments are flame resistant or not Other effects than the thermal effects of an electric arc like noise, light emissions, pressure rise, hot oil, electric shock, the consequences of physical and mental shock or

toxic influences are not covered by this standard. Protective clothing for work intentionally using an electric arc, e.g. arc welding, plasma torch, is not covered by this standard.

Keel: en
Alusdokumendid: IEC 61482-1-1:201X; prEN 61482-1-1:2017
Asendab dokumenti: EVS-EN 61482-1-1:2009

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 9241-306

Ergonomics of human-system interaction - Part 306: Field assessment methods for electronic visual displays (ISO/DIS 9241-306:2017)

This part of ISO 9241 establishes optical, geometrical and visual inspection methods for the assessment of a display in various contexts of use according to ISO 9241-303.

Keel: en
Alusdokumendid: prEN ISO 9241-306; ISO/DIS 9241-306:2017
Asendab dokumenti: EVS-EN ISO 9241-306:2008

Arvamusküsitluse lõppkuupäev: 18.06.2017

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN ISO 25178-600

Geometrical product specifications (GPS) - Surface texture: Areal - Part 600: Metrological characteristics for areal-topography measuring methods (ISO/DIS 25178-600:2017)

This part of ISO 25178 specifies the metrological characteristics of areal instruments for measuring surface topography

Keel: en
Alusdokumendid: ISO/DIS 25178-600; prEN ISO 25178-600

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 25178-607

Geometrical product specifications (GPS) - Surface texture: Areal - Part 607: Nominal characteristics of non-contact (confocal microscopy) instruments (ISO/DIS 25178-607:2017)

This part of ISO 25178 describes the metrological characteristics of confocal microscopy (CM) systems for 3D mapping of surface topography.

Keel: en
Alusdokumendid: ISO/DIS 25178-607; prEN ISO 25178-607

Arvamusküsitluse lõppkuupäev: 18.06.2017

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN 13317

Tanks for transport of dangerous goods - Service equipment for tanks - Manhole cover assembly

This European Standard covers the manhole cover assembly and specifies the performance requirements, dimensions and tests necessary to verify the compliance of the equipment to this standard. The equipment specified by this standard is suitable for use with liquid petroleum products and other dangerous substances of Class 3 of ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road - (flammable liquids) which have a vapour pressure not exceeding 110 kPa at 50 °C including petrol, and which have no-sub-classification as toxic or corrosive.

Keel: en
Alusdokumendid: prEN 13317
Asendab dokumenti: EVS-EN 13317:2003+A1:2006

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 14596

Tanks for transport of dangerous goods - Service equipment for tanks - Emergency pressure relief valve

This document covers the emergency pressure relief valve. It specifies the performance requirements and the critical dimensions of the emergency pressure relief valve. It also specifies the tests necessary to verify the compliance of the equipment with this document. The service equipment specified by this document is suitable for use with liquid petroleum products and other dangerous substances of Class 3 of ADR [2] which have a vapour pressure not exceeding 110 kPa at 50 °C and petrol, and which have no sub-classification as toxic or corrosive.

Keel: en
Alusdokumendid: prEN 14596
Asendab dokumenti: EVS-EN 14596:2005

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 17110

Tanks for transport of dangerous goods - Service equipment for tanks - Vapour manifold vent valve

This document covers the vapour manifold vent valve used to provide controlled venting of the vapour manifold to atmosphere. It specifies the performance requirements and the critical dimensions of the vapour manifold vent valve. It also specifies the tests necessary to verify compliance of the equipment with this document. The service equipment specified by this document is suitable for use with liquid petroleum products and other dangerous substances of Class 3 of ADR [1] which have a vapour pressure not exceeding 110 kPa at 50 °C and petrol, and which have no sub-classification as toxic or corrosive.

Keel: en
Alusdokumendid: prEN 17110

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 11296-4

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 4: Lining with cured-in-place pipes (ISO/DIS 11296-4:2017)

This document, in conjunction with ISO 11296-1, specifies requirements and test methods for cured-inplace pipes and fittings used for the renovation of underground non-pressure drainage and sewerage networks with service temperatures up to 50 °C. It applies to the use of various thermosetting resin systems, in combination with compatible fibrous carrier materials, reinforcement, and other process-related plastics components (see 5.2).

Keel: en
Alusdokumendid: ISO/DIS 11296-4; prEN ISO 11296-4
Asendab dokumenti: EVS-EN ISO 11296-4:2011

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 11297-4

Plastics piping systems for renovation of underground drainage and sewerage networks under pressure - Part 4: Lining with cured-in-place pipes (ISO/DIS 11297-4:2017)

This International Standard, in conjunction with ISO 11297-1, specifies requirements and test methods for cured-in-place pipes and fittings used for the renovation of underground drainage and sewerage networks under pressure. It applies to the use of various thermosetting resin systems, in combination with compatible fibrous carrier materials and other process-related plastics components.

Keel: en
Alusdokumendid: ISO/DIS 11297-4; prEN ISO 11297-4

Arvamusküsitluse lõppkuupäev: 18.06.2017

25 TOOTMISTEHNOLOOGIA

EN 62841-3-4:2016/prAB:2017

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-4: Particular requirements for transportable bench grinders

This standard applies to transportable bench grinders that can be equipped with one or two accessories as follows: - type 1 grinding wheels in accordance with ISO 603-4 with a diameter not exceeding 310 mm and a thickness not exceeding 55 mm; - wire brushes with a diameter not exceeding 310 mm and a thickness not exceeding 55 mm; - polishing wheels with a diameter not exceeding 310 mm; and with a peripheral speed of any accessory between 10 m/s and 50 m/s. NOTE Polishing wheels are also known as buffing wheels.

Keel: en
Alusdokumendid: EN 62841-3-4:2016/prAB:2017
Muudab dokumenti: EVS-EN 62841-3-4:2016

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 13144

Metallic and other inorganic coatings - Method for quantitative measurement of adhesion by tensile test

This European Standard specifies a quantitative method for the measurement of adhesion of metallic and related inorganic coatings applied to metallic surfaces. Typical coatings for which this European Standard applies are copper, nickel, nickel plus chromium, silver, tin, tin-nickel alloys, zinc, gold. This European Standard does not apply to certain hot dip and spray coatings.

Keel: en
Alusdokumendid: prEN 13144
Asendab dokumenti: EVS-EN 13144:2003

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 61918:2017

Industrial communication networks - Installation of communication networks in industrial premises

This document specifies basic requirements for the installation of media for communication networks within and between the automation islands, of industrial sites. This standard covers balanced and optical fibre cabling. It also covers the cabling infrastructure for wireless media, but not the wireless media itself. Additional media are covered in the IEC 61784-5 series. This document is a companion standard to the communication networks of the industrial automation islands and especially to the communication networks specified in the IEC 61158 series and the IEC 61784 series. In addition, this document covers the connection between the generic telecommunications cabling specified in ISO/IEC 11801-3 and the specific communication cabling of an automation island, where an automation outlet (AO) replaces the telecommunication outlet (TO) of ISO/IEC 11801-3.

Keel: en
Alusdokumendid: IEC 61918:201X; prEN 61918:2017
Asendab dokumenti: EVS-EN 61918:2013
Asendab dokumenti: EVS-EN 61918:2013/AC:2014

Arvamusküsitluse lõppkuupäev: 18.06.2017

29 ELEKTROTEHNIKA

prEN 60276:2017

Definitions and nomenclature for carbon brushes, brush-holders, commutators and slip-rings

This standard applies to carbon brushes for electrical machinery. For the present, it applies only to carbon brushes for commutators and slip-rings in rotating machines. By extension terms and definition may be relevant for any kind of sliding electrical contacts for electrical machinery.

Keel: en
Alusdokumendid: IEC 60276:201X; prEN 60276:2017
Asendab dokumenti: EVS-EN 60276:2003

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 60695-6-2:2017

Fire hazard testing - Part 6-2: Smoke obscuration - Summary and relevance of test methods

This part of IEC 60695 provides a summary of commonly used test methods for the assessment of smoke obscuration. It presents a brief summary of static and dynamic test methods in common use, either as international standards or national or industry standards. It includes special observations on their relevance to electrotechnical products and their materials and to fire scenarios, and it gives recommendations on their use. This basic safety publication is intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. One of the responsibilities of a technical committee is, wherever applicable, to make use of basic safety publications in the preparation of its publications. The requirements, test methods or test conditions of this basic safety publication will not apply unless specifically referred to or included in the relevant publications.

Keel: en
Alusdokumendid: IEC 60695-6-2:201X; prEN 60695-6-2:2017
Asendab dokumenti: EVS-EN 60695-6-2:2011

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 61347-2-14:2017

Lamp controlgear - Part 2-14: Particular requirements for d.c. and/or a.c. supplied electronic controlgear for fluorescent induction lamps

This part of IEC 61347 specifies particular safety requirements for electronic controlgear for use on a.c. supplies up to 1 000 V at 50 Hz or 60 Hz and/or d.c. supplies with operating frequencies deviating from the supply frequency, associated with fluorescent induction lamps as specified in IEC 62532 and IEC 62639, for high-frequency operation. For emergency lighting operation particular requirements for controlgear operated from a central supply are given in Annex J of this part. Performance requirements appropriate to the safe operation of emergency lighting are also contained in Annex J. Requirements for emergency lighting controlgear operating from non-centralised power supplies are given in IEC 61347-2-7 NOTE Performance requirements detailed by Annex J are those considered to be safety related with respect to reliable emergency operation.

Keel: en
Alusdokumendid: IEC 61347-2-14:201X; prEN 61347-2-14:2017

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 61482-1-1:2017

Live working - Protective clothing against the thermal hazards of an electric arc - Part 1-1: Test methods - Method 1: Determination of the arc rating (ELIM, ATPV and/or EBT) of clothing materials and of protective clothing using an open arc

This part of IEC 61482 specifies test method procedures to determine the arc rating of flame resistant clothing materials and garments or assemblies of garments intended for use in clothing for workers if there is an electric arc hazard. An open arc under controlled laboratory conditions is used to determine the arc rating values ELIM, ATPV or EBT of materials, garments or assemblies of garments. NOTE 1: This International Standard is not dedicated toward classifying the arc protective performance

of the material and clothing into arc protection classes. Procedures determining these arc protection classes APC1 and APC2 are prescribed in IEC 61482-1-2, which uses a constrained arc for testing. NOTE 2: The user can, if he desires, classify the arc protective performance into arc rating protection levels based on ELIM, ATPV and/or EBT values which correspond best to different hazard and risks levels, which can result from the user's risk analysis. NOTE 3: This test method is not intended and not appropriate to evaluate whether materials or garments are flame resistant or not Other effects than the thermal effects of an electric arc like noise, light emissions, pressure rise, hot oil, electric shock, the consequences of physical and mental shock or toxic influences are not covered by this standard. Protective clothing for work intentionally using an electric arc, e.g. arc welding, plasma torch, is not covered by this standard.

Keel: en
Alusdokumendid: IEC 61482-1-1:201X; prEN 61482-1-1:2017
Asendab dokumenti: EVS-EN 61482-1-1:2009

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 62902:2017

Secondary batteries: Marking symbols for identification of their chemistry

This document specifies methods for the clear identification of secondary cells, batteries, battery modules and monoblocs according to their chemistry (electrochemical storage technology). The markings described in this standard are applicable for secondary cells, batteries, battery modules and monoblocs with a volume of more than 900 cm³. The marking of the chemistry is useful for the installation, operation and decommissioning phases of a battery life. Many recycling processes are chemistry specific, undesired events may occur when a battery which is not of the appropriate chemistry enters a given recycling process. Therefore, in order to ensure a safe handling during sorting and recycling processes, it is necessary to mark the battery so as to identify its chemistry. This standard defines the conditions of utilization of the markings indicating the chemistry of these secondary batteries. The details of markings and their application are defined in this standard. NOTE: Nothing in this standard should preclude marking of batteries with recycling and chemistry symbols required by state, federal, national or regional laws or regulations or with a seal under license by a national recycling program.

Keel: en
Alusdokumendid: IEC 62902:201X; prEN 62902:2017

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 81346-2:2017

Industrial systems, installations and equipment and industrial products - Structuring principles and reference designations - Part 2: Classification of objects and codes for classes

This part of International Standard 81346, published jointly by IEC and ISO establishes classification schemes with defined object classes and their associated letter codes primarily intended for use in reference designations and for designation of generic types. The classification schemes are applicable for objects in all technical disciplines and all branches of industry.

Keel: en
Alusdokumendid: IEC 81346-2:201X; prEN 81346-2:2017
Asendab dokumenti: EVS-EN 81346-2:2009

Arvamusküsitluse lõppkuupäev: 18.06.2017

31 ELEKTROONIKA

EN 60122-1:2002/prA1:2017

Quartz crystal units of assessed quality - Part 1: Generic specification

Amendment for EN 60122-1:2002

Keel: en
Alusdokumendid: IEC 60122-1:2002/A1:201X; EN 60122-1:2002/prA1:2017
Muudab dokumenti: EVS-EN 60122-1:2003

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 60512-8-3:2017

Connectors for electronic equipment - Tests and measurements - Part 8-3: Static load tests (fixed connectors) - Test 8c: Robustness of actuating lever

This part of IEC 60512, when required by the detail (product) specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail (product) specification. The object of this document is to detail a standard test method to assess the robustness of the actuating lever of a connector mating or release mechanism.

Keel: en
Alusdokumendid: IEC 60512-8-3:201X; prEN 60512-8-3:2017
Asendab dokumenti: EVS-EN 60512-8-3:2011

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 62576:2017

Electric double-layer capacitors for use in hybrid electric vehicles - Test methods for electrical characteristics

This document describes the methods for testing electrical characteristics of electric double-layer capacitor cells (hereinafter referred to as capacitor) to be used for peak power assistance in hybrid electric vehicles. All the tests in this document are type tests. NOTE 1 This document can also be applicable to the capacitor used in idling reduction systems (start-and-stop systems) for the vehicles. NOTE 2 This document can also be applicable to the capacitor modules consisting of more than one cell.

Keel: en
Alusdokumendid: IEC 62576:201X; prEN 62576:2017
Asendab dokumenti: EVS-EN 62576:2010

Arvamusküsitluse lõppkuupäev: 18.06.2017

33 SIDETEHNIKA

prEN 61918:2017

Industrial communication networks - Installation of communication networks in industrial premises

This document specifies basic requirements for the installation of media for communication networks within and between the automation islands, of industrial sites. This standard covers balanced and optical fibre cabling. It also covers the cabling infrastructure for wireless media, but not the wireless media itself. Additional media are covered in the IEC 61784-5 series. This document is a companion standard to the communication networks of the industrial automation islands and especially to the communication networks specified in the IEC 61158 series and the IEC 61784 series. In addition, this document covers the connection between the generic telecommunications cabling specified in ISO/IEC 11801-3 and the specific communication cabling of an automation island, where an automation outlet (AO) replaces the telecommunication outlet (TO) of ISO/IEC 11801-3.

Keel: en
Alusdokumendid: IEC 61918:201X; prEN 61918:2017
Asendab dokumenti: EVS-EN 61918:2013
Asendab dokumenti: EVS-EN 61918:2013/AC:2014

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 62684:2017

Interoperability specifications of common external power supply (EPS) for use with data-enabled mobile telephones

This International Standard specifies the interoperability of common external power supplies for use with data enabled mobile telephones. It defines the common charging capability and specifies interface requirements for the external power supply. Safety and EMC aspects are not covered by this International Standard. Safety is covered by IEC 60950-1or IEC 62368-1 and EMC is covered by regional / national standards. This International standard defines interoperability based on legacy USB technologies and does not cover charging interfaces that implement the USB Type-C™ technology (which is covered by IEC 62680-1-3 (USB Type-C), IEC 62680-1-2 (USB PD) and IEC 63002 (Identification and Communication Interoperability Method for External Power Supplies Used With Portable Computing Devices)).

Keel: en
Alusdokumendid: IEC 62684:201X; prEN 62684:2017
Asendab dokumenti: EVS-EN 62684:2011

Arvamusküsitluse lõppkuupäev: 18.06.2017

35 INFOTEHNOLOOGIA

EN ISO 19157:2013/prA1

Geographic information - Data quality - Amendment 1: Describing data quality using coverages (ISO 19157:2013/DAmd 1:2017)

Amendment for EN ISO 19157:2013

Keel: en
Alusdokumendid: ISO 19157:2013/DAmd 1; EN ISO 19157:2013/prA1
Muudab dokumenti: EVS-EN ISO 19157:2014

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 419241-1

Trustworthy Systems Supporting Server Signing - Part 1: General System Security Requirements

The scope of proposed 419241 part 1 (Security Requirements) covers security requirements and recommendations for Trustworthy System Supporting Server Signing (TW4S) that generate digital signatures. Those digital signatures are created by a remote signature creation device (rSCDev). An rSCDev is a signature creation device (SCDev) using secure electronic communication channels, in order to guarantee that the signature creation environment is reliable and is used under the sole

control of the signatory. This proposed 419241 part 1 will adapt the existing CEN/TS 419241 to the requirements of new EU Regulation No 910/2014 and to convert the TS into an EN.

Keel: en
Alusdokumendid: prEN 419241-1
Asendab dokumenti: CEN/TS 419241:2014

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 61918:2017

Industrial communication networks - Installation of communication networks in industrial premises

This document specifies basic requirements for the installation of media for communication networks within and between the automation islands, of industrial sites. This standard covers balanced and optical fibre cabling. It also covers the cabling infrastructure for wireless media, but not the wireless media itself. Additional media are covered in the IEC 61784-5 series. This document is a companion standard to the communication networks of the industrial automation islands and especially to the communication networks specified in the IEC 61158 series and the IEC 61784 series. In addition, this document covers the connection between the generic telecommunications cabling specified in ISO/IEC 11801-3 and the specific communication cabling of an automation island, where an automation outlet (AO) replaces the telecommunication outlet (TO) of ISO/IEC 11801-3.

Keel: en
Alusdokumendid: IEC 61918:201X; prEN 61918:2017
Asendab dokumenti: EVS-EN 61918:2013
Asendab dokumenti: EVS-EN 61918:2013/AC:2014

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 18750

Intelligent transport systems - Cooperative ITS - Local dynamic maps (ISO/DIS 18750:2017)

This Document 1) describes the functionality of a "Local Dynamic Map" (LDM) in the context of the "Bounded Secured Managed Domain" (BSMD) 2) specifies a) general characteristics of LDM Data Objects (LDM-DOs) that may be stored in an LDM, i.e. information on real objects such as vehicles, road works sections, slow traffic sections, special weather condition sections, etc. which are as a minimum requirement location-referenced and time-referenced, b) service access point functions providing interfaces in an ITS station (ITS-S) to access an LDM for c) secure add, update and delete access for ITS-S application processes, d) secure read access (query) for ITS-S application processes, e) secure notifications (upon subscription) to ITS-S application processes f) management access, g) secure registration, de-registration and revocation of ITS-S application processes at LDM h) secure subscription and cancellation of subscriptions of ITS-S application processes, i) procedures in an LDM considering means to maintain the content and integrity of the data store, j) mechanisms supporting several LDMs in a single ITS station unit.

Keel: en
Alusdokumendid: ISO/DIS 18750; prEN ISO 18750
Asendab dokumenti: CEN ISO/TS 18750:2015

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 9241-306

Ergonomics of human-system interaction - Part 306: Field assessment methods for electronic visual displays (ISO/DIS 9241-306:2017)

This part of ISO 9241 establishes optical, geometrical and visual inspection methods for the assessment of a display in various contexts of use according to ISO 9241-303.

Keel: en
Alusdokumendid: prEN ISO 9241-306; ISO/DIS 9241-306:2017
Asendab dokumenti: EVS-EN ISO 9241-306:2008

Arvamusküsitluse lõppkuupäev: 18.06.2017

43 MAANTEESÕIDUKITE EHITUS

prEN 1645-1

Leisure accommodation vehicles - Caravans - Part 1: Habitation requirements relating to health and safety

This European Standard specifies requirements intended to ensure the safety and health of people when they use caravans for temporary or seasonal habitation. It also specifies the corresponding test methods. Requirements applicable to road safety are not included in the scope of this European Standard. This European Standard is applicable exclusively to rigid and rigid folding caravans as defined in EN 13878.

Keel: en
Alusdokumendid: prEN 1645-1
Asendab dokumenti: EVS-EN 1645-1:2012

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 1646-1

Leisure accommodation vehicles - Motor caravans - Part 1: Habitation requirements relating to health and safety

This European Standard specifies requirements intended to ensure the safety and health of persons when they use motor caravans for temporary or seasonal habitation. It also specifies the corresponding test methods. Specific requirements of this European Standard apply to motor caravans where the overall length multiplied by the overall width does not exceed 13,5 m2 plan area. Requirements applicable to road safety are not included in the scope of this European Standard. This European Standard is applicable exclusively to motor caravans as defined in EN 13878.

Keel: en
Alusdokumendid: prEN 1646-1
Asendab dokumenti: EVS-EN 1646-1:2012

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 1647

Leisure accommodation vehicles - Caravan holiday homes - Habitation requirements relating to health and safety

This European Standard specifies requirements intended to ensure safety and health of persons using caravan holiday homes as defined in EN 13878, as temporary or seasonal accommodation. It specifies grades of resistance to snow loads and the stability of the structure of caravan holiday homes as well as the minimum information to be included in a user's handbook. It also specifies the corresponding test methods.

Keel: en
Alusdokumendid: prEN 1647
Asendab dokumenti: EVS-EN 1647:2012

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 1648-1

Leisure accommodation vehicles - 12 V direct current extra low voltage electrical installations - Part 1: Caravans

This European Standard specifies safety, health and functional requirements for 12 V direct current (DC) extra low voltage (ELV) electrical installations for habitation aspects of caravans. It covers the design and integration of the caravan system with the towing vehicle system. It does not apply to commercial trailers; nor does it include requirements for ELV road lighting and signalling lamps and their installations, except for safety requirements for the routing of cables in LPG storage compartments. This European Standard also specifies the ELV output requirements of low voltage (LV) equipment that may be used to provide an ELV supply but it does not specify safety, technical and functional requirements for LV appliances and installations. Requirements for LV installations are specified in HD 60364-7-721.

Keel: en
Alusdokumendid: prEN 1648-1
Asendab dokumenti: EVS-EN 1648-1:2012

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 1648-2

Leisure accommodation vehicles - 12 V direct current extra low voltage electrical installations - Part 2: Motor caravans

This European Standard specifies safety, health and functional requirements for 12 V direct current (DC) extra low voltage (ELV) electrical installations for habitation aspects of motor caravans. It applies only to installations which are electrically connected with the electrical installation of the base vehicle or which can be electrically connected with it by means of change-over devices. This European Standard also specifies the ELV output requirements of low voltage (LV) equipment that may be used to provide an ELV supply but it does not specify safety, technical and functional requirements for LV appliances and installations. Requirements for LV installations are specified in HD 60364-7-721.

Keel: en
Alusdokumendid: prEN 1648-2
Asendab dokumenti: EVS-EN 1648-2:2012

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 17106-3-2

Road operation machinery - Safety - Part 3-2: Winter service machines - Specific requirements for spreading machines

This European Standard, together with part 1, deals with all significant hazards for winter service machines - spreading machines when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer associated with the whole life time of the machine (see Clause 4). The requirements of this part are complementary to the common requirements formulated in prEN 17106-1. This document does not repeat the requirements from prEN 17106-1, but adds or replaces the requirements for application for winter service machines - spreading machines.

Keel: en
Alusdokumendid: prEN 17106-3-2
Asendab dokumenti: EVS-EN 13019:2001+A1:2009

Asendab dokumenti: EVS-EN 13021:2003+A1:2009
Asendab dokumenti: EVS-EN 13524:2003+A1:2009+A2:2014

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 62576:2017

Electric double-layer capacitors for use in hybrid electric vehicles - Test methods for electrical characteristics

This document describes the methods for testing electrical characteristics of electric double-layer capacitor cells (hereinafter referred to as capacitor) to be used for peak power assistance in hybrid electric vehicles. All the tests in this document are type tests. NOTE 1 This document can also be applicable to the capacitor used in idling reduction systems (start-and-stop systems) for the vehicles. NOTE 2 This document can also be applicable to the capacitor modules consisting of more than one cell.

Keel: en
Alusdokumendid: IEC 62576:201X; prEN 62576:2017
Asendab dokumenti: EVS-EN 62576:2010

Arvamusküsitluse lõppkuupäev: 18.06.2017

47 LAEVAEHITUS JA MERE-EHITISED

FprEN ISO 10592

Väikelaevad. Hüdroajamiga rooliseadmed
Small craft - Hydraulic steering systems (ISO 10592:1994)

Specifies requirements, test methods, manuals for both the owner and the installer, and the designation for hydraulic steering systems and components from the wheel to the interface point for outboard motor, inboard motor and inboard-outdrive steering arrangements, used on small craft of up to 24 m length of hull.

Keel: en
Alusdokumendid: ISO 10592:1994; FprEN ISO 10592
Asendab dokumenti: EVS-EN ISO 10592:1999
Asendab dokumenti: EVS-EN ISO 10592:1999/A1:2001

Arvamusküsitluse lõppkuupäev: 18.06.2017

FprEN ISO 11105

Väikelaevad. Bensiinimootori ja/või bensiinipaagi sektsioonide ventilatsioon
Small craft - Ventilation of petrol engine and/or petrol tank compartments (ISO 11105:1997)

This International Standard specifies requirements for ventilation of petrol engine and petrol tank compartments in small craft of up to 24 m length of hull, having petrol engines for propulsion, electrical generation or mechanical power, to prevent accumulation of explosive gases in these compartments. Personal watercraft are not covered.

Keel: en
Alusdokumendid: ISO 11105:1997; FprEN ISO 11105
Asendab dokumenti: EVS-EN ISO 11105:1999

Arvamusküsitluse lõppkuupäev: 18.06.2017

FprEN ISO 12217-1

Small craft - Stability and buoyancy assessment and categorization - Part 1: Non-sailing boats of hull length greater than or equal to 6 m (ISO 12217-1:2015)

ISO 12217-1:2015 specifies methods for evaluating the stability and buoyancy of intact (i.e. undamaged) boats. The flotation characteristics of boats susceptible to swamping are also encompassed. The evaluation of stability and buoyancy properties using this part of ISO 12217 will enable the boat to be assigned to a design category (A, B, C or D) appropriate to its design and maximum total load. ISO 12217-1:2015 is principally applicable to boats propelled by human or mechanical power of 6 m up to 24 m hull length. However, it can also be applied to boats of under 6 m if they do not attain the desired design category specified in ISO 12217- 3 and they are decked and have quick-draining recesses which comply with ISO 11812. In relation to habitable multihulls, ISO 12217-1:2015 includes assessment of susceptibility to inversion, definition of viable means of escape and requirements for inverted flotation. ISO 12217-1:2015 excludes: inflatable and rigid-inflatable boats covered by ISO 6185, except for references made in ISO 6185 to specific clauses of ISO 12217; personal watercraft covered by ISO 13590 and other similar powered craft; gondolas and pedalos; sailing surfboards; surfboards, including powered surfboards; hydrofoils and hovercraft when not operating in the displacement mode; and submersibles. ISO 12217-1:2015 does not include or evaluate the effects on stability of towing, fishing, dredging or lifting operations, which need to be separately considered if appropriate.

Keel: en
Alusdokumendid: ISO 12217-1:2015; FprEN ISO 12217-1
Asendab dokumenti: EVS-EN ISO 12217-1:2015

Arvamusküsitluse lõppkuupäev: 18.06.2017

FprEN ISO 12217-2

Small craft - Stability and buoyancy assessment and categorization - Part 2: Sailing boats of hull length greater than or equal to 6 m (ISO 12217-2:2015)

ISO 12217-2:2015 specifies methods for evaluating the stability and buoyancy of intact (i.e. undamaged) boats. The flotation characteristics of boats susceptible to swamping are also encompassed. The evaluation of stability and buoyancy properties using ISO 12217-2:2015 will enable the boat to be assigned to a design category (A, B, C or D) appropriate to its design and maximum load. ISO 12217-2:2015 is principally applicable to boats propelled primarily by sail (even if fitted with an auxiliary engine) of 6 m up to and including 24 m hull length. However, it can also be applied to boats less than 6 m if they are habitable multihulls or may be applied if they do not attain the desired design category specified in ISO 12217- 3 and they are decked and have quick-draining recesses which comply with ISO 11812. In relation to habitable multihulls, ISO 12217-2:2015 includes assessment of susceptibility to inversion, definition of viable means of escape and requirements for inverted flotation. ISO 12217-2:2015 excludes: inflatable and rigid-inflatable boats covered by ISO 6185, except for references made in ISO 6185 to specific clauses of ISO 12217; gondolas and pedalos; surfboards including sailing surfboards; and hydrofoils and foil stabilized boats when not operating in the displacement mode. ISO 12217-2:2015 does not include or evaluate the effects on stability of towing, fishing, dredging or lifting operations, which need to be separately considered if appropriate.

Keel: en
Alusdokumendid: ISO 12217-2:2015; FprEN ISO 12217-2
Asendab dokumenti: EVS-EN ISO 12217-2:2015

Arvamusküsitluse lõppkuupäev: 18.06.2017

FprEN ISO 12217-3

Small craft - Stability and buoyancy assessment and categorization - Part 3: Boats of hull length less than 6 m (ISO 12217-3:2015)

ISO 12217-3:2015 specifies methods for evaluating the stability and buoyancy of intact (i.e. undamaged) boats. The flotation characteristics of craft susceptible to swamping are also encompassed. The evaluation of stability and buoyancy properties using ISO 12217-3:2015 will enable the boat to be assigned to a design category (C or D) appropriate to its design and maximum load. ISO 12217-3:2015 is applicable to boats of hull length less than 6 m, whether propelled by human or mechanical power, except habitable sailing multihulls. Boats of hull length less than 6 m which are fitted with a full deck and quick-draining cockpit(s) complying with ISO 11812 may alternatively be assessed using ISO 12217- 1 or ISO 12217- 2 (for non-sailing and sailing boats, respectively), in which case higher design categories may be assigned. In relation to habitable multihulls, ISO 12217-3:2015 includes assessment of susceptibility to inversion, definition of viable means of escape and requirements for inverted flotation. ISO 12217-3:2015 excludes: inflatable and rigid-inflatable boats covered by ISO 6185, except for references made in ISO 6185 to specific clauses of ISO 12217; personal watercraft covered by ISO 13590 and other similar powered craft; aquatic toys; canoes and kayaks; gondolas and pedalos; sailing surfboards; surfboards, including powered surfboards; hydrofoils, foil stabilized boats and hovercraft when not operating in the displacement mode; and submersibles. NOTE Displacement mode means that the boat is only supported by hydrostatic forces. ISO 12217-3:2015 does not include or evaluate the effects on stability of towing, fishing, dredging or lifting operations, which need to be separately considered if appropriate.

Keel: en
Alusdokumendid: ISO 12217-3:2015; FprEN ISO 12217-3
Asendab dokumenti: EVS-EN ISO 12217-3:2015

Arvamusküsitluse lõppkuupäev: 18.06.2017

FprEN ISO 8846

Väikelaevad. Elektriseadmed. Kaitse ümbritsevate põlevgaaside süttimise eest
Small craft - Electrical devices - Protection against ignition of surrounding flammable gases (ISO 8846:1990)

Describes test methods and requirements for the design of electrical devices to be used on small craft so that they may be operated in an explosive atmosphere without igniting surrounding flammable gases.

Keel: en
Alusdokumendid: ISO 8846:1990; FprEN ISO 8846
Asendab dokumenti: EVS-EN 28846:1999
Asendab dokumenti: EVS-EN 28846:1999/A1:2001

Arvamusküsitluse lõppkuupäev: 18.06.2017

FprEN ISO 8848

Väikelaevad. Kaugjuhtimisega rooliseadmed
Small craft - Remote steering systems (ISO 8848:1990)

Lays down requirements and test methods for remote push-pull cable steering systems and their major component items, used for small craft with single and twin installations of outboard motors of over 15 kW power, and all inboard motors, inboard motor-outdrives, and waterjet drives.

Keel: en
Alusdokumendid: ISO 8848:1990; FprEN ISO 8848
Asendab dokumenti: EVS-EN 28848:1999
Asendab dokumenti: EVS-EN 28848:1999/A1:2001

Arvamusküsitluse lõppkuupäev: 18.06.2017

FprEN ISO 9775

Väikelaevad. Kaugjuhtimissüsteemid üksiku 15 kW kuni 40 kW võimsusega päramootori juhtimiseks

Small craft - Remote steering systems for single outboard motors of 15 kW to 40 kW power (ISO 9775:1990)

Specifies requirements and test methods for remote push-pull cable steering systems and their major component items, used for small craft with a single outboard motor of 15 kW to 40 kW power. Includes definitions, installation, test requirements, as-installed tests, component tests and outboard motor requirements. Components and functional details are given in figures.

Keel: en
Alusdokumendid: ISO 9775:1990; FprEN ISO 9775
Asendab dokumenti: EVS-EN 29775:1999
Asendab dokumenti: EVS-EN 29775:1999/A1:2001

Arvamusküsitluse lõppkuupäev: 18.06.2017

49 LENNUNDUS JA KOSMOSETEHNIKA

FprEN 2132
Aerospace series - Electrodeposition of Chromium for Engineering Purposes

This European Standard specifies the chromium plating of parts made of carbon steels and alloy steels used in aerospace construction. It specifies: a) requirements for pretreatment, b) the method of electrodeposition of the chromium, c) maximum and minimum thicknesses, d) heat treatment, e) qualities required of the coating, f) methods of inspection. Chromium coatings are applied in aerospace construction for one or more of the following purposes: a) resistance to wear, b) resistance to corrosion and wear, c) the building-up of worn or over-machined parts. Chromium plating should not normally be used on parts which become hotter than 450 °C in service.

Keel: en
Alusdokumendid: FprEN 2132

Arvamusküsitluse lõppkuupäev: 18.06.2017

FprEN 2287
Aerospace series - Bushes, plain corrosion resisting steel with self-lubricating liner - Dimensions and loads

This European Standard specifies the characteristics of plain bushes in corrosion resisting steel with self-lubricating liner and the design recommendation of shafts and housings. The bushes are intended for operation within the temperature range of 55 °C to 163 °C and assembly with an interference fit into fixed and moving aerospace parts.

Keel: en
Alusdokumendid: FprEN 2287
Asendab dokumenti: EVS-EN 2287:2000

Arvamusküsitluse lõppkuupäev: 18.06.2017

FprEN 2321
Aerospace series - Aluminium Alloy 2024-T3 - Bars and Sections a < or = 150 mm

This European Standard specifies the requirements relating to: Aluminium alloy 2024-T3 Bars and sections a ≤ 150 mm for aerospace applications.

Keel: en
Alusdokumendid: FprEN 2321

Arvamusküsitluse lõppkuupäev: 18.06.2017

FprEN 2850
Aerospace series - Carbon fibre thermosetting resin unidirectional laminates - Compression test parallel to fibre direction

This European Standard defines a method for the determination of stress at failure and Young's modulus in compression of carbon thermosetting resin unidirectional laminates. The method only covers test pieces the axis of which is parallel to the fibre direction. This method covers fibres (or fabrics) other than carbon, when the relevant technical specification explicitly mentions it.

Keel: en
Alusdokumendid: FprEN 2850

Arvamusküsitluse lõppkuupäev: 18.06.2017

FprEN 3094
Aerospace series - Sealants - Test method - determination of the application time

This European Standard specifies two methods for the determination of the application time of sealants.

Keel: en
Alusdokumendid: FprEN 3094

Arvamusküsitluse lõppkuupäev: 18.06.2017

FprEN 3460

Aerospace series - Titanium TI-P99002 - Annealed - Bar for machining - a or D ≤ 150 mm - Rm ≥ 390 MPa

This European Standard specifies the requirements relating to: Titanium TI-P99002 Annealed Bar for machining a or D ≤ 150 mm Rm ≥ 390 MPa for aerospace applications.

Keel: en
Alusdokumendid: FprEN 3460

Arvamusküsitluse lõppkuupäev: 18.06.2017

FprEN 3820

Aerospace series - Metric bolts, normal hexagon head, coarse tolerance normal shank, short thread, in titanium alloy, anodized, MoS2 lubricated - Classification: 1 100 MPa (at ambient temperature)/315 °C

This standard specifies the characteristics of bolts, normal hexagonal head, coarse tolerance normal shank, short thread, in titanium alloy, anodized, MoS2 lubricated. Classification: 1 100 MPa / 315 °C.

Keel: en
Alusdokumendid: FprEN 3820
Asendab dokumenti: EVS-EN 3820:2006

Arvamusküsitluse lõppkuupäev: 18.06.2017

FprEN 4289

Aerospace series - Aluminium alloy AL-P7175- Forging stock

This European Standard specifies the requirements relating to: Aluminium alloy AL-P7175 Forging stock for aerospace applications.

Keel: en
Alusdokumendid: FprEN 4289

Arvamusküsitluse lõppkuupäev: 18.06.2017

FprEN 6018

Aerospace series - Test methods for metallic materials - Determination of density according to displacement method

This European Standard defines the determination of density according to displacement method for metallic materials.

Keel: en
Alusdokumendid: FprEN 6018

Arvamusküsitluse lõppkuupäev: 18.06.2017

FprEN 6040

Aerospace series - Non-metallic materials - Test method - Analysis of thermoset systems by High Performance Liquid Chromatography (HPLC)

This European Standard defines the procedure to be used for the determination of the composition (resin, curing-agent/catalyst, reaction products, modifier) of the soluble components of thermoset systems with or without reinforcement in the uncured state using High Performance Liquid Chromatography (HPLC). This method is applicable to: fibre reinforced matrix systems (such as prepeg); neat resin systems (such as film adhesives, laminating systems and components such as hardeners and epoxy resins); sizing systems. This standard does not give any directions necessary to meet the health and safety requirements. It is the responsibility of the user of this standard to adopt appropriate health and safety precautions. This standard indicates items and/or subjects, which are marked with an asterisk (*). These items and/or subjects are typical and they shall be exactly defined in the relevant specification invoking the test.

Keel: en
Alusdokumendid: FprEN 6040

Arvamusküsitluse lõppkuupäev: 18.06.2017

FprEN 6128

Aerospace series - Blind bolt, 100° flush head, high strength

This European Standard specifies the configuration, dimension, tolerances and mass of a stainless steel blind bolt with 100° flush head for aerospace application.

Keel: en
Alusdokumendid: FprEN 6128

Arvamusküsitluse lõppkuupäev: 18.06.2017

53 TÕSTE- JA TEISALDUS-SEADMED

prEN 474-1
Earth-moving machinery - Safety - Part 1: General requirements

This European Standard specifies the general safety requirements for earth-moving machinery, hereinafter also referred to as machines, described in EN ISO 6165:2012, except horizontal directional drill. NOTE 1 Horizontal directional drills are covered by the EN 16228 series. This European Standard gives the common safety requirements for earth-moving machinery families (see EN ISO 6165:2012, 3.4) and is intended to be used in conjunction with relevant parts of prEN 474 parts 2 to 13. These machine specific parts (prEN 474-2 to 13) do not repeat the requirements from prEN 474-1:2016, but add or replace the requirements for the family in question. NOTE 2 The requirements specified in this part of the standard are common to two or more families of earth- moving machinery. This part gives specific requirements for demolition machinery. Specific requirements in prEN 474 parts 2 to 13 take precedence over the respective requirements of prEN 474-1:2017. For derivative machinery the parts of the standard that cover the specific functions and applications are applicable, e.g. a compact loader also used as a trencher the relevant requirements of prEN 474 parts 1, 3 and 10 are applicable. The standard also covers general requirements for attachments intended to be used with earth-moving machinery families covered in the scope. Except for part 12 this European Standard does not deal with the electrical hazards related to the main electrical circuits and drives of machinery when the primary source of energy is electrical. This European Standard does not deal with towing of trailers. This European Standard deals with all significant hazards, hazardous situations and events relevant to earth-moving machinery, when used as intended and under conditions foreseen but also taking into account any reasonably foreseeable misuse thereof (see Clause 4). This European Standard specifies the appropriate technical measures to reduce risks arising from the significant hazards, hazardous situations and events during the whole foreseeable lifecycle of the machinery. This European Standard is not applicable to earth-moving machinery, which are manufactured before the date of publication of this European Standard by CEN. NOTE 3 For travelling on public roads, national traffic regulations apply (e.g. braking, steering, lighting, towing etc.) until harmonised requirements are available.

Keel: en
Alusdokumendid: prEN 474-1
Asendab dokumenti: EVS-EN 474-1:2007+A4:2013
Asendab dokumenti: EVS-EN 474-1:2007+A4:2013/AC:2014

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 474-10
Earth-moving machinery - Safety - Part 10: Requirements for trenchers

This part of prEN 474 deals with all significant hazards, hazardous situations and events relevant to trenchers as defined in EN ISO 6165:2012 and trenchers with mechanized laying unit, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). It deals with: - self-propelled integrated trencher; - combinations of a carrier-vehicle (truck, tractor, special vehicle) and a trenching attachment; - trenching interchangeable equipment fitted to a derivative machinery (e.g. compact loader) or a compact tool carrier). - For self-propelled integrated trencher, this part deals with all specific health and safety requirements. - For machinery which are a combination of a carrier-vehicle and a trenching attachment integrated to it (e.g. to a truck) or mounted on it (e.g. on a tractor), this part of prEN 474 deals with all specific health and safety requirements of the trenching attachment itself and of the interface (e.g. mechanical, electric, hydraulic, controls) between the carrier-vehicle and its attachment as well as the interaction and effects on each other when used together (e.g. stability, visibility). NOTE Carrier-vehicles are subject to other regulations (e.g. road regulations). - For derivative machinery, this part deals with specific health and safety requirements of the interchangeable equipment and the interface with derivative machinery or tool carrier. - For those machinery, this part doesn't deal with the earth-moving machinery itself which can be subject to other standards (e.g. prEN 474-3 for a compact loader, prEN 474-4 for a backhoe loader). This European Standard does not deal with continuous surface miners as defined in ISO/CD 19224, truck-trenchers that do not incorporate a vacuum extraction system and self-propelled ride-on and pedestrian controlled floor cutting-off machinery (e.g. ground saw) which are under the scope of EN 13862. This document, together with part 1, deals with all significant hazards for earth-moving machinery - trenchers when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer associated with the whole life time of the machine (see Clause 4). The requirements of this part are complementary to the common requirements formulated in prEN 474-1. This document does not repeat the requirements from prEN 474-1, but adds or replaces the requirements for application for trenchers. This European Standard is not applicable to trenchers manufactured before the date of publication of this European Standard by CEN.

Keel: en
Alusdokumendid: prEN 474-10
Asendab dokumenti: EVS-EN 474-10:2007+A1:2009

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 474-11
Earth-moving machinery - Safety - Part 11: Requirements for earth- and landfill compactors

This document, together with part 1, deals with all significant hazards for earth-moving machinery - earth- and landfill compactors when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer associated with the whole life time of the machine (see Clause 4). The requirements of this part are complementary to the common requirements formulated in prEN 474-1. This document does not repeat the requirements from prEN 474-1, but adds or replaces the requirements for application for earth moving machinery - earth- and landfill compactors. Rammer compactors and vibratory plates are dealt with in EN 500-1 and EN 500-4. This European Standard is not applicable to earth- and landfill compactors manufactured before the date of publication of this European Standard by CEN.

Keel: en
Alusdokumendid: prEN 474-11
Asendab dokumenti: EVS-EN 474-11:2007+A1:2008

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 474-12

Earth-moving machinery - Safety - Part 12: Requirements for cable excavators

This document, together with part 1, deals with all significant hazards for earth-moving machinery - cable-excavators (as defined in EN ISO 6165) when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer associated with the whole life time of the machine (see Clause 4). This European Standard applies also to cable excavators, their undercarriage and upper-structure, if intended for use in combination with other equipment or attachment, such as lifting operation, extracting equipment and moving equipment (e.g. rail track, walking legs, pontoon, ship) or stationary undercarriage. Drilling and foundation equipment (covered by EN 16228 parts 1-7:2014) are not dealt with in this standard. The requirements of this part are complementary to the common requirements formulated in prEN 474-1. This document does not repeat the requirements from prEN 474-1, but adds or replaces the requirements for application for earth moving machinery - cable-excavators.

Keel: en
Alusdokumendid: prEN 474-12
Asendab dokumenti: EVS-EN 474-12:2007+A1:2008

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 474-13

Earth-moving machinery - Safety - Part 13: Requirements for rollers

This document, together with part 1, deals with all significant hazards for earth-moving machinery - rollers when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer associated with the whole life time of the machine (see Clause 4). The requirements of this part are complementary to the common requirements formulated in prEN 474-1. This document does not repeat the requirements from prEN 474-1, but adds or replaces the requirements for application for earth moving machinery - rollers. This part of prEN 474 is not applicable for seated ride-on operated rollers with a drum width less than nominal 0,8 m.

Keel: en
Alusdokumendid: prEN 474-13

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 474-2

Earth-moving machinery - Safety - Part 2: Requirements for tractor-dozers

This European Standard specifies the general safety requirements for loaders, described in EN ISO 6165:2012. This part also deals with fork application, single heavy object handling application, object handling application and log handling. The requirements of this part are complementary to the common requirements formulated in prEN 474-1:2017. This part does not repeat the requirements from prEN 474-1:2017, but adds or replace the requirements for application for loaders. This European Standard deals with all significant hazards, hazardous situations and events relevant to earth-moving machinery, when used as intended and under conditions foreseen but also taking into account any reasonably foreseeable misuse thereof (see Clause 4). This European Standard specifies the appropriate technical measures to reduce risks arising from the significant hazards, hazardous situations and events during the whole foreseeable lifecycle of the machinery. This European Standard is not applicable to earth-moving machinery, which are manufactured before the date of publication of this European Standard by CEN. NOTE For travelling on public roads, national traffic regulations apply (e.g. braking, steering, lighting, towing etc.) until harmonised requirements are available.

Keel: en
Alusdokumendid: prEN 474-2
Asendab dokumenti: EVS-EN 474-2:2007+A1:2008

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 474-3

Earth-moving machinery - Safety - Part 3: Requirements for loaders

This document, together with part 1, deals with all significant hazards for earth-moving machinery - loaders when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer associated with the whole life time of the machine (see Clause 4). The requirements of this part are complementary to the common requirements formulated in prEN 474-1. This document does not repeat the requirements from prEN 474-1, but adds or replaces the requirements for application for earth moving machinery - loaders. This part also deals with fork application, single heavy object handling application, object handling application and log handling. This European Standard is not applicable to hydraulic excavators manufactured before the date of publication of this European Standard by CEN.

Keel: en
Alusdokumendid: prEN 474-3
Asendab dokumenti: EVS-EN 474-3:2007+A1:2009

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 474-4

Earth-moving machinery - Safety - Part 4: Requirements for backhoe loaders

This part of prEN 474 deals with all significant hazards, hazardous situations and events relevant to wheel and crawler backhoe loaders as defined in EN ISO 6165:2012. This part also deals with fork application, lifting operations and log handling. The

requirements of this part are complementary to the common requirements formulated in prEN 474-1:2017. This does not repeat the requirements from prEN 474-1:2017, but adds or replaces the requirements for application for backhoe loaders. This European Standard deals with all significant hazards, hazardous situations and events relevant to earth-moving machinery, when used under the conditions foreseen but also taking into account any reasonable foreseeable misuse thereof (see Clause 4). This European Standard specifies the appropriate technical measures to reduce risks arising from the significant hazards, hazardous situations and events during the whole foreseeable lifecycle of the machinery. This European Standard is not applicable to machinery manufactured before the date of publication of this European Standard by CEN. NOTE For travelling on public roads, national traffic regulations apply (e.g. braking, steering, lighting, towing, etc.) until harmonised requirements are available.

Keel: en
Alusdokumendid: prEN 474-4
Asendab dokumenti: EVS-EN 474-4:2007+A2:2012

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 474-5

Earth-moving machinery - Safety - Part 5: Requirements for hydraulic excavators

This document, together with part 1, deals with all significant hazards for earth-moving machinery - hydraulic excavators when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer associated with the whole life time of the machine (see Clause 4). The requirements of this part are complementary to the common requirements formulated in prEN 474-1. This document does not repeat the requirements from prEN 474-1, but adds or replaces the requirements for application for earth moving machinery - hydraulic excavators. This part also deals with derivated machinery and derivated use, e.g. lifting operation application, shovel application, log application, grapple application, magnetic plate application. This European Standard is not applicable to hydraulic excavators manufactured before the date of publication of this European Standard by CEN.

Keel: en
Alusdokumendid: prEN 474-5
Asendab dokumenti: EVS-EN 474-5:2007+A3:2013

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 474-6

Earth-moving machinery - Safety - Part 6: Requirements for dumpers

This document, together with part 1, deals with all significant hazards for earth-moving machinery - dumpers when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer associated with the whole life time of the machine (see Clause 4). The requirements of this part are complementary to the common requirements formulated in prEN 474-1. This document does not repeat the requirements from prEN 474-1, but adds or replaces the requirements for application for earth moving machinery - dumpers. This document is not applicable to dumpers manufactured before the date of publication of this European Standard by CEN. This part does not repeat the requirements from prEN 474-1:2017, but adds or replaces the requirements for application for dumpers. This part specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards, hazardous situations and events during commissioning, operation and maintenance of dumpers. Pedestrian controlled dumpers are excluded from scope of this European Standard. This European Standard is not applicable to dumpers, manufactured before the date of publication of this European Standard by CEN.

Keel: en
Alusdokumendid: prEN 474-6
Asendab dokumenti: EVS-EN 474-6:2007+A1:2009

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 474-7

Earth-moving machinery - Safety - Part 7: Requirements for scrapers

This part of EN 474 deals with all significant hazards, hazardous situations and events relevant to wheel and crawler scrapers except towed scrapers as defined in EN ISO 6165:2012, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). The requirements of this part are complementary to the common requirements formulated in prEN 474-1:2017. This part does not repeat the requirements from prEN 474-1:2017, but adds or replaces the requirements for application for scrapers. This part specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards, hazardous situations and events during commissioning, operation and maintenance of scrapers. This European Standard is not applicable to scrapers manufactured before the date of publication of this European Standard by CEN. Pedestrian controlled dumpers are excluded from scope of this European Standard. This European Standard is not applicable to dumpers, manufactured before the date of publication of this European Standard by CEN.

Keel: en
Alusdokumendid: prEN 474-7
Asendab dokumenti: EVS-EN 474-7:2007+A1:2009

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 474-8

Earth-moving machinery - Safety - Part 8: Requirements for graders

This document, together with part 1, deals with all significant hazards for earth-moving machinery - graders when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer associated with the whole life time of the machine (see Clause 4). The requirements of this part are complementary to the common requirements formulated in prEN 474-1. This document does not repeat the requirements from prEN 474-1, but adds or replaces the requirements for

application for earth moving machinery - graders. This part also deals with graders equipped with attached snowplough. This European Standard is not applicable to graders manufactured before the date of publication of this European Standard by CEN.

Keel: en
Alusdokumendid: prEN 474-8
Asendab dokumenti: EVS-EN 474-8:2007+A1:2009

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 474-9
Earth-moving machinery - Safety - Part 9: Requirements for pipelayers

This part of prEN 474 deals with all significant hazards, hazardous situations and events relevant to pipelayers as defined in EN ISO 6165:2006 when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). The requirements of this part are complementary to the common requirements formulated in prEN 474-1:2017. This part does not repeat the requirements from prEN 474-1:2017 but adds or replaces the requirements for application for pipelayers. This part specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards, hazardous situations and events during commissioning, operation and maintenance of pipelayers. This part specifies additional requirements for rear mounted winches. Pipelayers with rotating upper structure are excluded from the scope of this document. This European Standard is not applicable to pipelayers manufactured before the date of publication of this European Standard by CEN.

Keel: en
Alusdokumendid: prEN 474-9
Asendab dokumenti: EVS-EN 474-9:2007+A1:2009

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 20238
Conveyor belts - Drum friction testing (ISO/DIS 20238:2017)

This European Standard describes a method of test to determine the propensity of a conveyor belt to generate heat flame or glow when held stationary under a given tension, in surface contact around a rotating driven steel drum. Means of varying the belt tension are described. NOTE For certain belt types, due to their construction, it may not be possible to conduct this test due to the inability of the belt to comply with the requirements of 6.2.3.

Keel: en
Alusdokumendid: ISO/DIS 20238; prEN ISO 20238
Asendab dokumenti: EVS-EN 1554:2012

Arvamusküsitluse lõppkuupäev: 18.06.2017

65 PÕLLUMAJANDUS

prEN ISO 19932-1
Equipment for crop protection - Knapsack sprayers - Part 1: Safety and environmental requirements (ISO/DIS 19932-1:2017)

This part of ISO 19932 specifies the safety and environmental requirements and their means of verification for the design and construction of knapsack sprayers carried on the back or shoulder of the operator for use with plant protection products. In addition, it specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer. It is applicable to lever-operated knapsack sprayers, knapsack compression sprayers and knapsack sprayers driven by an engine or electric motor using hydraulic pressure atomisation of the spray liquid intended to be used primarily in agriculture, forestry and horticulture with a nominal volume of more than 6,0 l. It does not apply to knapsack combustion engine-driven air-blast sprayers according to ISO 28139. This part of ISO 19932 deals with all significant hazards, hazardous situations and hazardous events relevant to knapsack sprayers when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex A), excepting the hazards arising from: — static electricity; — explosion or fire from chemicals for spraying; and — insufficient structural integrity. This document does not cover electromagnetic compatibility (EMC) requirements. This document is not applicable to knapsack sprayers which are manufactured before the date of publication of this document.

Keel: en
Alusdokumendid: ISO/DIS 19932-1; prEN ISO 19932-1
Asendab dokumenti: EVS-EN ISO 19932-1:2013

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 19932-2
Equipment for crop protection - Knapsack sprayers - Part 2: Test methods (ISO/DIS 19932-2:2017)

This part of ISO 19932 specifies test methods for the verification of requirements of ISO/DIS 19932-1 for knapsack sprayers carried on the back or shoulder of the operator for use with plant protection products. It is applicable to lever-operated knapsack sprayers, knapsack compression sprayers and knapsack sprayers driven by an engine or electric motor using hydraulic pressure atomization of the spray liquid intended to be used primarily in agriculture, forestry and horticulture with a nominal volume of more than 6,0 l. It does not apply to knapsack combustion engine-driven air-blast sprayers covered by ISO 28139.

Keel: en
Alusdokumendid: ISO/DIS 19932-2; prEN ISO 19932-2

Asendab dokumenti: EVS-EN ISO 19932-2:2013

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 19932-3

Equipment for crop protection - Knapsack sprayers - Part 3: Inspection of knapsack sprayers in use (ISO/DIS 19932-3:2017)

This Standard specifies the requirements and test methods for the inspection in use of Knapsack sprayers of over 3 litres nominal volume carried on the back or shoulder of the operator for applying Plant Protection Products (PPPs) in agriculture and horticulture. It is applicable to lever-operated knapsack sprayers, knapsack compression sprayers and knapsack sprayers driven by an engine or electric motor using hydraulic energy to atomise the spray liquid. The requirements relate mainly to the condition of the sprayer with respect to its potential risk to the operator and the environment and its performance to achieve good application. It does not apply to other portable equipment such as knapsack combustion engine-driven air blast sprayers/mistblowers (see ISO 10988 and ISO 28139), Controlled Droplet Application equipment utilising rotary atomisers, or portable application equipment for spatial application (e.g. foggers).

Keel: en
Alusdokumendid: ISO/DIS 19932-3; prEN ISO 19932-3

Arvamusküsitluse lõppkuupäev: 18.06.2017

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-EN 228/prNA

Mootorikütused. Pliivaba mootoribensiin. Nõuded ja katsemeetodid. Eesti standardi rahvuslik lisa.
Automotive fuels - Unleaded petrol - Requirements and test methods - Estonian National Annex

Eesti standardi rahvuslik lisa Euroopa standardile EN 228:2012+FprA1

Keel: et
Täiendab rahvuslikult dokumenti: EN 228:2012/FprA1
Täiendab rahvuslikult dokumenti: EVS-EN 228:2012

Arvamusküsitluse lõppkuupäev: 18.06.2017

EVS-EN 590/prNA

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

Eesti standardi rahvuslik lisa Euroopa standardile EN 590:2013

Keel: et
Asendab dokumenti: EVS-EN 590/NA:2014
Täiendab rahvuslikult dokumenti: EN 590:2013/FprA1
Täiendab rahvuslikult dokumenti: EVS-EN 590:2013

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 15138

Petroleum and natural gas industries - Offshore production installations - Heating, ventilation and air-conditioning (ISO/DIS 15138:2017)

This document specifies requirements and provides guidance for design, testing, installation and commissioning of heating, ventilation, air-conditioning and pressurization systems and equipment on all offshore production installations for the petroleum and natural gas industries that are - new or existing, - normally occupied by personnel or not normally occupied by personnel, - fixed or floating but registered as an offshore production installation. This document normally applies to the overall facilities. For installations that can be subject to “Class” or “IMO/MODU Codes & Resolutions”, the user is referred to HVAC requirements under these rules and resolutions. When these requirements are less stringent than those being considered for a fixed installation, then it is necessary that this document, i.e. requirements for fixed installations, be utilized.

Keel: en
Alusdokumendid: ISO/DIS 15138; prEN ISO 15138
Asendab dokumenti: EVS-EN ISO 15138:2008

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 24817

Petroleum, petrochemical and natural gas industries - Composite repairs for pipework - Qualification and design, installation, testing and inspection (ISO/FDIS 24817:2017)

This document gives requirements and recommendations for the qualification and design, installation, testing and inspection for the external application of composite repair systems to corroded or damaged pipework, pipelines, tanks and vessels used in the petroleum, petrochemical and natural gas industries.

Keel: en
Alusdokumendid: ISO/FDIS 24817; prEN ISO 24817

Asendab dokumenti: EVS-EN ISO 24817:2015

Arvamusküsitluse lõppkuupäev: 18.06.2017

77 METALLURGIA

prEN ISO 4490

Metallic powders - Determination of flow rate by means of a calibrated funnel (Hall flowmeter) (ISO/DIS 4490:2017)

This International Standard specifies a method for determining the flow rate of metallic powders, including powders for hard metals, by means of a calibrated funnel (Hall flowmeter). The method is applicable only to powders which flow freely through the specified test orifice.

Keel: en
Alusdokumendid: ISO/DIS 4490; prEN ISO 4490
Asendab dokumenti: EVS-EN ISO 4490:2014

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 9443

Surface quality classes for hot-rolled bars and wire rod (ISO/DIS 9443:2017)

This International Standard specifies technical delivery requirements for the surface quality of round bars, squares, hexagons and wire rod in the hot rolled condition with nominal diameters dN from 5 mm to 200 mm. By agreement between manufacturer and purchaser, this International Standard may also be applied to other special profiles. This International Standard applies particularly to steels for engineering and structural applications and, by agreement, may also be applied to tool steels.

Keel: en
Alusdokumendid: ISO/DIS 9443; prEN ISO 9443
Asendab dokumenti: EVS-EN 10221:1999

Arvamusküsitluse lõppkuupäev: 18.06.2017

83 KUMMI- JA PLASTITÖÖSTUS

prEN ISO 11357-3

Plastics - Differential scanning calorimetry (DSC) - Part 3: Determination of temperature and enthalpy of melting and crystallization (ISO/DIS 11357-3:2017)

This document specifies a method for the determination of the temperatures and enthalpies of melting and crystallization of crystalline or partially crystalline plastics.

Keel: en
Alusdokumendid: ISO/DIS 11357-3; prEN ISO 11357-3
Asendab dokumenti: EVS-EN ISO 11357-3:2013

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 11357-6

Plastics - Differential scanning calorimetry (DSC) - Part 6: Determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (dynamic OIT) (ISO/DIS 11357-6:2017)

This document specifies methods for the determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (dynamic OIT) of polymeric materials by means of differential scanning calorimetry (DSC). It is applicable to polyolefin resins that are in a fully stabilized or compounded form, either as raw materials or finished products. It may be applicable to other plastics.

Keel: en
Alusdokumendid: ISO/DIS 11357-6; prEN ISO 11357-6
Asendab dokumenti: EVS-EN ISO 11357-6:2013

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 2555

Plastics - Resins in the liquid state or as emulsions or dispersions - Determination of apparent viscosity using a single cylinder type rotational viscometer method (ISO/DIS 2555:2017)

This document specifies a method of determining apparent viscosity of resins in a liquid state using a single cylinder type rotational viscometer. The method can be used for viscosity measurements in the range from 0,02 Pa · s – 60 000 Pa · s. This document is applicable to both, Newtonian and non-Newtonian liquids and the measured apparent viscosity depends on the velocity gradient to which the liquids are subjected during the measurement.

Keel: en
Alusdokumendid: ISO/DIS 2555; prEN ISO 2555
Asendab dokumenti: EVS-EN ISO 2555:2000

Arvamusküsitluse lõppkuupäev: 18.06.2017

91 EHITUSMATERJALID JA EHITUS

prEN 12390-10

Testing hardened concrete - Part 10: Determination of the carbonation resistance of concrete at atmospheric levels of carbon dioxide

This European Standard describes the procedures used to determine the carbonation rate of a concrete expressed in mm/√year. This European Standard describes the procedure where a standardized storage chamber is used and where specimens are placed on a natural, but protected from direct rainfall exposure site. These procedures are suitable for the initial testing of concrete, but they are not appropriate for factory production control.

Keel: en
Alusdokumendid: prEN 12390-10
Asendab dokumenti: CEN/TS 12390-10:2007

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 13369

Common rules for precast concrete products

This European Standard specifies the requirements, the basic performance criteria and the evaluation of conformity for unreinforced, reinforced and prestressed precast concrete products made of compact light-, normal- and heavyweight concrete according to EN 206 with no appreciable amount of entrapped air other than entrained air. Concrete containing fibres for other than mechanical properties steel, polymer or other fibres is also covered. It does not cover prefabricated reinforced components of lightweight aggregate concrete with open structure. It may also be used to specify products for which there is no standard. Not all of the requirements (Clause 4) of this standard are relevant to all precast concrete products. If a specific product standard exists, it takes precedence over this standard. The precast concrete products dealt with in this standard are factory produced for building and civil engineering works. This standard can also be applied to products manufactured in temporary plants on site if the production is protected against adverse weather conditions and controlled following Clause 6 provisions. The analysis and design of precast concrete products is not within the scope of this standard but it does offer, for non-seismic zones, information about: - the choice of partial safety factors defined by the pertinent Eurocode; - the definition of some requirements for prestressed concrete products.

Keel: en
Alusdokumendid: prEN 13369
Asendab dokumenti: EVS-EN 13369:2013
Asendab dokumenti: EVS-EN 13369:2013/AC:2016

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 1366-13

Fire resistance tests for service installations - Part 13: Chimneys

Fire resistance tests for service installations - Part xx: Chimneys

Keel: en
Alusdokumendid: prEN 1366-13

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 303-6

Heating boilers - Part 6: Heating boilers with forced draught burners - Specific requirements for the domestic hot water operation and energy performance of water heaters and combination boilers with atomizing oil burners of nominal heat input not exceeding 70 kW

This European Standard is composed of two parts. The first part supplements EN 303 1, EN 303 2, EN 303 4 and EN 304 hereafter called boiler standards. It specifies the supplementary requirements and tests for the construction, safety, rational use of energy, fitness for purpose, classification and marking related to the domestic hot water operation of oil fired water heaters and combination boilers. The domestic hot water is produced on either the instantaneous or storage principle. The domestic hot water production is integrated or coupled, the whole being marketed as a single unit. The second part covers the energy performance of domestic hot water production of the appliances covered by the first part. This second part sets out a method for assessing the energy performance of the appliances. It defines a number of daily tapping cycles for each domestic hot water use such as kitchen, shower, bath and a combination of these, together with corresponding test procedures, enabling the energy performances of combination boilers and water heaters to be compared and matched to the needs of the user. The heat output of the appliances covered by this standard does not exceed 400 kW. In the case of combination boilers, with or without storage tank, domestic hot water production is integrated or coupled, the whole being marketed as a single unit. This standard only covers type testing.

Keel: en
Alusdokumendid: prEN 303-6
Asendab dokumenti: EVS-EN 303-6:2000

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 508-2

Roofing and cladding products from metal sheet - Specification for self-supporting products of steel, aluminium or stainless steel sheet - Part 2: Aluminium

This part of EN 508 specifies requirements for self-supporting external profiled sheets for roof covering wall cladding, lining and liner tray products for discontinuous laying made from aluminium sheet with or without surface treatment (additional organic coatings or anodising). The standard establishes general characteristics, definitions, classifications and labelling for the products, together with requirements for the materials from which the products can be manufactured. It is intended to be used either by manufacturers to ensure that their products comply with the requirements or by purchasers to verify that the products comply before they are made available on the market before being despatched from the factory. It specifies the requirements for products which enable them to meet all normal service conditions. The standard applies to all discontinuously laid self-supporting external profiled sheets for roof covering, wall cladding, lining and liner trays with the exception of tiles with a surface area less than 1 m2 and produced by stamping. These profiled roof sheets are designed to keep wind, rain and snow out of the building, and to transfer any resultant loads and infrequent maintenance loads to the structure. This standard does not cover products for structural purposes, i.e. it does not cover products used in structural class III (according to EN 1999 1 4), it does not cover products used in constructions of Structural Classes I and II (according to EN 1999 1 4) intended to contribute to the global or partial stability of the building structure by providing racking resistance or resistance of permanent static loads (excluding self-weight of the metal sheet). No requirements for supporting construction, design of roof system and execution of connections and flashings are included.

Keel: en
Alusdokumendid: prEN 508-2
Asendab dokumenti: EVS-EN 508-2:2008

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 11296-4

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 4: Lining with cured-in-place pipes (ISO/DIS 11296-4:2017)

This document, in conjunction with ISO 11296-1, specifies requirements and test methods for cured-inplace pipes and fittings used for the renovation of underground non-pressure drainage and sewerage networks with service temperatures up to 50 °C. It applies to the use of various thermosetting resin systems, in combination with compatible fibrous carrier materials, reinforcement, and other process-related plastics components (see 5.2).

Keel: en
Alusdokumendid: ISO/DIS 11296-4; prEN ISO 11296-4
Asendab dokumenti: EVS-EN ISO 11296-4:2011

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 11297-4

Plastics piping systems for renovation of underground drainage and sewerage networks under pressure - Part 4: Lining with cured-in-place pipes (ISO/DIS 11297-4:2017)

This International Standard, in conjunction with ISO 11297-1, specifies requirements and test methods for cured-in-place pipes and fittings used for the renovation of underground drainage and sewerage networks under pressure. It applies to the use of various thermosetting resin systems, in combination with compatible fibrous carrier materials and other process-related plastics components.

Keel: en
Alusdokumendid: ISO/DIS 11297-4; prEN ISO 11297-4

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 8394-2

Buildings and civil engineering works - Joining products - Part 2: Using standardized apparatus (ISO/DIS 8394-2:2017)

This document specifies a method for determining the extrudability of sealants independently of the package in which they are supplied.

Keel: en
Alusdokumendid: ISO/FDIS 8394-2; prEN ISO 8394-2
Asendab dokumenti: EVS-EN ISO 8394-2:2010
Asendab dokumenti: EVS-EN ISO 8394-2:2010/AC:2011

Arvamusküsitluse lõppkuupäev: 18.06.2017

93 RAJATISED

prEN 12716

Execution of special geotechnical work - Jet grouting

This European Standard establishes general principles for the execution of jet grouting works. The jet grouting processes should be distinguished from the grouting processes covered by EN 12715.

Keel: en
Alusdokumendid: prEN 12716

Asendab dokumenti: EVS-EN 12716:2002

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 11296-4

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 4: Lining with cured-in-place pipes (ISO/DIS 11296-4:2017)

This document, in conjunction with ISO 11296-1, specifies requirements and test methods for cured-inplace pipes and fittings used for the renovation of underground non-pressure drainage and sewerage networks with service temperatures up to 50 °C. It applies to the use of various thermosetting resin systems, in combination with compatible fibrous carrier materials, reinforcement, and other process-related plastics components (see 5.2).

Keel: en
Alusdokumendid: ISO/DIS 11296-4; prEN ISO 11296-4
Asendab dokumenti: EVS-EN ISO 11296-4:2011

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN ISO 11297-4

Plastics piping systems for renovation of underground drainage and sewerage networks under pressure - Part 4: Lining with cured-in-place pipes (ISO/DIS 11297-4:2017)

This International Standard, in conjunction with ISO 11297-1, specifies requirements and test methods for cured-in-place pipes and fittings used for the renovation of underground drainage and sewerage networks under pressure. It applies to the use of various thermosetting resin systems, in combination with compatible fibrous carrier materials and other process-related plastics components.

Keel: en
Alusdokumendid: ISO/DIS 11297-4; prEN ISO 11297-4

Arvamusküsitluse lõppkuupäev: 18.06.2017

97 OLME. MEELELAHUTUS. SPORT

EN 16232:2013/prA1

Child use and care articles - Infant swings

This European Standard specifies safety requirements and the corresponding test methods for infant swings intended for children up to a weight of 9 kg or unable to sit up unaided. If an infant swing has several functions or can be converted into another function, the relevant European Standards apply to it. Swings falling under the scope of EN 71-8 are excluded from the scope of this European Standard. See rationale in A.1.

Keel: en
Alusdokumendid: EN 16232:2013/prA1
Muudab dokumenti: EVS-EN 16232:2013

Arvamusküsitluse lõppkuupäev: 18.06.2017

prEN 14836

Surfaces for sports areas - Synthetic surfaces for outdoor sports areas - Test method for the determination of the resistance to exposure to ultra violet light artificial weathering

This European Standard specifies a test method for the determination of resistance to ultra violet (UV) degradation of synthetic surfaces for outdoor sports areas by the use of artificial weathering in order that the resulting changes in properties can be determined as detailed in the relevant product specification.

Keel: en
Alusdokumendid: prEN 14836
Asendab dokumenti: EVS-EN 14836:2006
Asendab dokumenti: EVS-EN 14836:2006/AC:2007

Arvamusküsitluse lõppkuupäev: 18.05.2017

prEN 17109

Ropes courses - Individual safety system - Safety requirements and test methods

This European Standard specifies safety requirements and test methods for components of individual safety system for protection against fall from height used in permanent and mobile rope courses as defined in EN 15567 1. The products considered in this standard are not intended to limit by themselves the deceleration of the fall of the user as defined in EN 15567 1, for that the whole ropes course system will be considered.

Keel: en
Alusdokumendid: prEN 17109

Arvamusküsitluse lõppkuupäev: 18.06.2017

TÕLKED KOMMENTEERIMISEL

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

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

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

EN 14915:2013/FprA1:2016

Täispuidust seina- ja laevooderdis. Omadused, vastavushindamine ja märgistus

See Euroopa standard määrab kindlaks asjakohased omadused ja sobivad katsemeetodid nende omaduste määramiseks seina- ja laevooderdiseks (kaasa arvatud välisvooderdiseks) kasutatavatele täispuittoodetele: - seina- ja laevooderdis sisetingimustes kasutamiseks; - seina- ja laevooderdis välistingimustes kasutamiseks. Standard määrab kindlaks nende toodete vastavushindamise ja märgistamise nõuded. See Euroopa standard ei hõlma jäikuselementidena kasutamiseks ettenähtud plaate. See Euroopa standard ei hõlma ripplagede puitvooderdist. See Euroopa standard ei hõlma immutamise, pinnakatmise või modifitseerimise protsesse. See Euroopa standard ei hõlma kihtpuidust valmistatud tooteid. See Euroopa standard hõlmab immutatud, immutamata ja kaetud pinnaga tooteid, kaasa arvatud neid, mis on termiliselt või keemiliselt modifitseeritud puidust, samuti sõrmjätkatud ja servliimitud tooteid. MÄRKUS Pinnakatmise ja immutamise eeskirjad võib leida kasutuskohas kehtivatest dokumentidest. See Euroopa standard hõlmab tooteid, mis on vastavuses standarditega EN 14519, EN 15146 ja EN 14951 ja teisi täispuittooteid, mis on valmistatud kasutamiseks seina- ja laevooderdises.

Keel: et
Alusdokumendid: EN 14915:2013/FprA1:2016

Kommenteerimise lõppkuupäev: 18.05.2017

EN 1993-1-5:2006/prA1:2016

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 1-5: Tasapinnalised konstruktsioonielemendid

Muudatus

Keel: et
Alusdokumendid: EN 1993-1-5:2006/prA1:2016

Kommenteerimise lõppkuupäev: 18.05.2017

EN 228:2012/FprA1

Mootorikütused. Pliivaba mootoribensiin. Nõuded ja katsemeetodid

Muudatus standardile EN 228:2012

Keel: et
Alusdokumendid: EN 228:2012/FprA1

Kommenteerimise lõppkuupäev: 18.06.2017

EN 590:2013/FprA1

Mootorikütused. Diislikütus. Nõuded ja katsemeetodid

Muudatus standardile EN 590:2013

Keel: et
Alusdokumendid: EN 590:2013/FprA1

Kommenteerimise lõppkuupäev: 18.06.2017

EN 71-3:2013+A1:2014/prA2

Mänguasjade ohutus. Osa 3: Teatud elementide migratsioon

Muudatus standardile EN 71-3:2013+A1:2014

Keel: et
Alusdokumendid: EN 71-3:2013+A1:2014/prA2

Kommenteerimise lõppkuupäev: 18.05.2017

EN 71-7:2014/prA1

Mänguasjade ohutus. Osa 7: Sõrmevärvid. Nõuded ja katsemeetodid

Muudatus standardile EN 71-7:2014

Keel: et
Alusdokumendid: EN 71-7:2014/prA1

Kommenteerimise lõppkuupäev: 18.05.2017

EVS-EN 60909-0:2016

Lühisvoolud kolmefaasilistes vahelduvvoolusüsteemides Osa 0: Voolude arvutamine

Seda IEC 60909 osa rakendatakse lühisvoolude arvutamiseks • kolmefaasilistes vahelduvvoolu-madalpingevõrkudes ja • kolmefaasilistes vahelduvvoolu-kõrgepingevõrkudes, mis talitlevad nimisagedusel 50 Hz või 60 Hz. Pikkade ülekandeliinidega võrgud, mille kõrgeim pinge on 550 kV ja rohkem, vajavad erikäsitlust. Käesolev IEC 60909 osa kehtestab üldise, kasutuskõlbliku ja lühida protseduuri, mis viib üldjoontes vastuvõetava täpsusega tulemusteni. Käesoleva arvutusmeetodi kohaselt võetakse lühisekohas kasutusele ekvivalentne pingeallikas. See ei välista erimeetodite kasutamist, näiteks superponeerimismeetodi kasutamist, mida rakendatakse erilistel juhtumitel, kui need annavad vähemalt sama täpsuse. Superponeerimismeetod võimaldab leida lühisvoolu tulenevalt mingist eeldatud püsiseisundist. Seetõttu ei vii see meetod ilmtingimata suurima lühisvooluni. Käesolev IEC 60909 osa käsitleb lühisvoolude arvutamist sümmeetriliste või asümmeetriliste lühiste korral. Ühefaasiline maaühendusrike jääb väljapoole IEC 60909 käesoleva osa käsitlusala. Kahe eraldi, kuid samaaegse ühefaasilise maalühise ajal esinevate voolude osas isoleeritud neutraaliga või resonantsmaandatud neutraaliga võrkudes vaata standardit IEC 60909-3. Lühisvoolusid ja lühisimpedantse võib määrata ka võrgukatsetega võrguanalüsaatori mõõtetulemuste järgi või digitaalarvutiga. Olemasolevates madalpingevõrkudes on võimalik määrata lühisimpedantsi mõõtmiste alusel oodatava lühise asukohas. Lühisimpedantsi arvutus põhineb üldiselt elektriseadmete nimiandmetel ja süsteemi topoloogilisel ülesehitusel ning selle eeliseks on võimalus kasutada seda nii olemasolevate kui ka plaanimisjärgus süsteemide jaoks. Üldiselt arvestatakse kahe, suuruse poolest erineva lühisvoolu tüübiga: • suurim lühisvool, mis määrab ära elektriseadmete võimekuse või nimiandmed ja • vähim lühisvool, mis võib olla aluseks, näiteks sulavkaitsmete valikul, kaitseseadmete sätestamisel ja mootorite käivituse kontrollimisel. MÄRKUS Eeldatakse, et vool kolmefaasilisel lühisel tekib üheaegselt kõigil poolustel. Mitteüheaegsete lühiste, mis võivad põhjustada lühisvoolu suuremaid aperioodilisi komponente, uuringud jäävad väljapoole IEC 60909 käesoleva osa käsitlusala. Käesolev IEC 60909 osa ei hõlma juhitud tingimustel tahtlikult tekitatud lühisvoolusid (lühiste katsejaamad). Käesolev IEC 60909 osa ei tegele lühisvoolude arvutamisega laevade ja lennukite pardainstallatsioonides.

Keel: et
Alusdokumendid: IEC 60909-0:2016; EN 60909-0:2016

Kommenteerimise lõppkuupäev: 18.05.2017

EVS-EN ISO 14122-3:2016

Masinate ohutus. Püsijuurdepääsuvahendid masinatele. Osa 3: Trepid, treppredelid ja kaitsepiirded

Standardi ISO 14122 see osa annab nõuded energiavarustuseta treppidele, treppredelitele ja kaitsepiiretele, mis on paikse masina osaks, ning nende kinnitatud juurdepääsuvahendite energiavarustuseta reguleeritavatele osadele (nt kokkupandavad, lükatavad) ja liigutatavatele osadele. MÄRKUS 1 „Kinnitatud“ juurdepääsuvahendid on paigaldatud viisil (näiteks kruvide, mutrite või keevitusega), et neid saab eemaldada ainult tööriistu kasutades. Standardi ISO 14122 see osa määratleb miinimumnõuded, mis kohalduvad samuti, kui samad juurdepääsuvahendid on nõutavad osad ehitisest (nt trepid, treppredelid, kaitsepiirded), kuhu masin on paigaldatud, eeldusel, et ehitise selle osa põhifunktsiooniks on tagada juurdepääs masinale. MÄRKUS 2 Kui kohalikke eeskirju ega standardeid ei eksisteeri, siis võib kasutada väljapoole selle standardi ulatust jäävatele juurdepääsuvahenditele standardi ISO 14122 käesolevat osa. Standardi ISO 14122 see osa on mõeldud kasutamiseks koos standardiga ISO 14122 1, et esitada nõuded treppidele, treppredelitele ja kaitsepiiretele. Standardite seeria ISO 14122 tervikuna kohaldub nii paiksetele kui ka liikurmasinatele, kus on vaja kinnitatud juurdepääsuvahendeid. See ei kohaldu energiavarustusega juurdepääsuvahenditele nagu liftid, eskalaatorid või muud spetsiaalselt inimeste kahe tasandi vahel tõstmiseks mõeldud seadmed. Standardi ISO 14122 see osa ei kohaldu enne selle avaldamise kuupäeva valmistatud masinatele.

Keel: et
Alusdokumendid: ISO 14122-3:2016; EN ISO 14122-3:2016

Kommenteerimise lõppkuupäev: 18.05.2017

EVS-EN ISO 17632:2015

Keevitusmaterjalid. Täidistraadid legeerimata ja peenterateraste kaarkeevituseks katsegaasis ja kaitsegaasita. Liigitus

See Rahvusvaheline Standard määratleb nõuded täidistraatide liigituseks minimaalse voolepiiriga kuni 500 MPa või minimaalse tõmbetugevusega kuni 570 MPa legeerimata ja peenterateraste, kas keevitusjärgses või keevitusjärgse termotöötluse järgses olekus, kaarkeevitamisel kaitsegaasis või ilma kaitsegaasita. Üks täidistraat võib olla katsetatud ja liigitatud erinevate kaitsegaasidega, või ilma gaasita. Rahvusvaheline Standard sisaldab kombineeritud määratlust andes liigituse, mis kasutab keevismetalli voolepiiril ja keskmisel purustustööl 47 J põhinevat süsteemi, või keevismetalli tõmbetugevusel ja purustustööl 27 J põhinevat süsteemi. 1) Jätelliitega „A“ jaotised ja tabelid on rakendatavad ainult täidistraatidele, mis on liigitatud vastavuses käesoleva Rahvusvahelise Standardiga keevismetalli voolepiiril ja keskmisel löögisitkusel 47 J põhineva süsteemi järgi. 2) Jätelliitega „B“ jaotised ja tabelid on rakendatavad ainult täidistraatidele, mis on liigitatud vastavuses käesoleva Rahvusvahelise Standardiga keevismetalli tõmbetugevusel ja keskmisel löögisitkusel 27 J põhineva süsteemi järgi. 3) Ilma liiteta „A“ või „B“ jaotised ja tabelid on rakendatavad kõikidele täidistraatidele, mis on liigitatud vastavuses käesoleva Rahvusvahelise Standardiga. On täheldatud, et impulssvoolu kasutades saab muuta täidistraatide toimivusnäitajaid, kuid käesoleva Rahvusvahelise Standardi raames ei ole lubatud traatide liigituse määramisel impulssvoolu kasutada.

Keel: et
Alusdokumendid: ISO 17632:2015; EN ISO 17632:2015

Kommenteerimise lõppkuupäev: 18.05.2017

ALGUPÄRASTE STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE KOOSTAMINE

Alljärgnevalt on toodud teave eelmise EVS Teataja avaldamise järgselt Standardikeskusele esitatud algupäraste standardite ja standardilaadsete dokumentide koostamis-, muutmis- ja uustöötlusettepanekute kohta, millega algatatakse Eesti algupärase dokumendi koostamise protsess.

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

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

EVS-EN 228/prNA

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

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

Eesti standardi rahvuslik lisa Euroopa standardile EN 228:2012+FprA1

Täiendab rahvuslikult dokumenti: EN 228:2012/FprA1
Täiendab rahvuslikult dokumenti: EVS-EN 228:2012
Koostamisettepaneku esitaja: EVS/TK 37

EVS-EN 590/prNA

Mootorikütused. Diislikütus. Nõuded ja katsemeetodid. Eesti standardi rahvuslik lisa

Automotive fuels - Diesel - Requirements and test methods - Estonian National Annex

Eesti standardi rahvuslik lisa Euroopa standardile EN 590:2013

Asendab dokumenti: EVS-EN 590/NA:2014
Täiendab rahvuslikult dokumenti: EN 590:2013/FprA1
Täiendab rahvuslikult dokumenti: EVS-EN 590:2013
Koostamisettepaneku esitaja: EVS/TK 37

TÜHISTAMISKÜSITLUS

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

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

EVS-EN ISO 9241-12:2001

Ergonomic requirements for office work with visual display terminals (VDT's) - Part 12: Presentation of information

This standard provides ergonomic recommendations for the presentation of information and specific properties of presented information on text-based and graphical user interfaces used for office tasks.

Keel: en
Alusdokumendid: ISO 9241-12:1998; EN ISO 9241-12:1998
Tühistamisküsitluse lõppkuupäev: 18.05.2017

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. Reeglina võib selliste teadete avaldamine olla vajalik, et tagada Euroopa standardite jõustumine Eesti standardina samaaegselt nii eesti- kui ka ingliskeelsena.

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

EN 62052-11:2003/A1:2017

Elektrimõõteseadmed vahelduvvoolule. Üldnõuded, katsetused ja katsetingimused. Osa 11: Arvestid

Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 11: Metering equipment

Eeldatav avaldamise aeg Eesti standardina 05.2017

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

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

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

Elektrimõõteseadmed vahelduvvoolule. Erinõuded. Osa 23: Staatilised reaktiivenergia arvestid (klass 2 ja 3)

Electricity metering equipment (a.c.) - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) (IEC 62053-23:2003/A1:2016)

Standardi EVS-EN 62053-23:2003 muudatus.

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

Elektrimõõteseadmed vahelduvvoolule. Erinõuded. Osa 23: Staatilised reaktiivenergia arvestid (klass 2 ja 3)

Electricity metering equipment (a.c.) - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3) (IEC 62053-23:2003 + IEC 62053-23:2003/A1:2016)

Käesolev EVS-EN 62053 osa kehtib uutele toodetud täpsusklassi 2 ja 3 staatilistele 50 Hz või 60 Hz vahelduv¬voolu võrkudes reaktiivenergia hulga mõõtmise arvestitele ning rakendub ainult nende tüübikatsetustele. Praktilistel kaalutlustel põhineb käesolev standard ainult põhisagedust sisaldavale sinusoidaalsete pingete ja vooludega reaktiivenergia kokkuleppelisele määratlusele. Standard laieneb ainult sise-ja välipaigalduse staatilistele reaktiivenergia (var-tunni) arvestitele, mis sisaldavad mõõteelementi ja registr(eid)it. See laieneb ka kontrollväljundi(te)le ja tööindikaatori(te)le. Kui arvesti omab mõõteelementi(te) rohkem kui ühele energiatüübile (multi-energiaarvestid) või kui see sisaldab oma korpuses teisi funktsionaalseid elemente, nagu maksimaalkoormuse indikaatoreid, elektroonseid tariifiregistreid, lülituskellasid, kaugjuhtimisvastuvõtjaid, andmeedastuse sobituselemente jne, siis rakenduvad ka nende elementide asjaomased standardid. Standard ei laiene: — var-tund arvestitele, mille ühendusklemmide vaheline pinge ületab 600 V (mitmefaasiliste süsteemide faaside vaheline pinge); — kaasakantavatele arvestitele; — arvesti registri andmeedastuselementidele; — etalonarvestitele. Töökindluse aspekte käsitlevad IEC 62059 seeria standardid. Turvalisusnõuded on kaetud standardis IEC 62052-31:2015.

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.

UUED EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 12312-3:2017	Aircraft ground support equipment - Specific requirements - Part 3: Conveyor belt vehicles	Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 3: Konveieririhmaga sõidukid
EVS-EN 131-2:2010+A2:2017	Ladders - Part 2: Requirements, testing, marking	Redelid. Osa 2: Nõuded, katsetamine, märgistamine
EVS-EN 14986:2017	Design of fans working in potentially explosive atmospheres	Potentsiaalselt plahvatusohtlikus keskkonnas töötavate ventilaatorite projekteerimine
EVS-EN 1839:2017	Determination of the explosion limits and the limiting oxygen concentration (LOC) for flammable gases and vapours	Tuleohtlike gaaside ja aurude plahvatuspiiride ning hapniku piirkontsentratsiooni (LOC) kindlaksmääramine
EVS-EN 50533:2011	Railway applications - Three-phase train line voltage characteristics	Raudteealased rakendused. Rongi kolmefaasilise liini pinge tunnussuurused
EVS-EN 50533:2011/A1:2016	Railway applications - Three-phase train line voltage characteristics	Raudteealased rakendused. Rongi kolmefaasilise liini pinge tunnussuurused

UUED HARMONEERITUD STANDARDID

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

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

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

Lisainfo:
http://www.newapproach.org/
http://ec.europa.eu/growth/single-market/european-standards/harmonised-standards

Eesti Standardikeskus avaldab ametlikus väljaandes harmoneeritud standardeid ülevõtvate Eesti standardite kohta järgmist infot:

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

Info esitatakse vastavate direktiivide kaupa.

Direktiiv 2014/53/EL
Raadioseadmed
(EL Teataja 2017/C 118/05)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse Märkus 1	Direktiivi 2014/53/EL artikkel
EVS-EN 300 219 V2.1.1:2016 Liikuv maaside. Raadioseadmed, mis signaale edastades kutsuvad vastuvõtjas esile kindlatüübilise reaktsiooni; Harmoneeritud standard direktiivi 2014/53/EL artikli 3 lõike 2 põhinõuete alusel	12.04.2017			Artikli 3, lõige 2
EVS-EN 300 220-3-1 V 2.1.1:2017 Raadiosagedusvahemikus 25 MHz kuni 1 000 MHz töötavad lähitoimeseadmed (SRD); Osa 3-1: Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Lühikese töötsükliga häirekindlad seadmed, määratud sagedusaladel (869,200 MHz kuni 869,250 MHz) töötavad sotsiaalalarmid	10.03.2017			Artikli 3 lõige 2
EVS-EN 300 296 V2.1.1:2016 Liikuv maaside; Peamiselt analoogkõneks ette nähtud liitantenniga raadioseadmed; Harmoneeritud standard direktiivi 2014/53/EL artikli 3 lõike 2 põhinõuete alusel.	12.04.2017			Artikli 3, lõige 2
EVS-EN 300 341 V2.1.1:2016 Liikuv maaside; Liitantenni kasutavad raadioseadmed, mis signaale edastades kutsuvad vastuvõtjas esile kindlatüübilise reaktsiooni; Harmoneeritud standard direktiivi 2014/53/EL artikli 3 lõike 2 põhinõuete alusel.	12.04.2017			Artikli 3, lõige 2
EVS-EN 300 390 V2.1.1:2016 Liikuv maaside; Liitantenniga raadioseadmed andme- ja kõneedastatuseks; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 põhinõuete alusel	12.04.2017			Artikli 3, lõige 2
EVS-EN 300 433 V2.1.1:2016 CB raadioseadmed; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 põhinõuete alusel	12.04.2017			Artikli 3, lõige 2
EVS-EN 300 487 V2.1.2:2017 Satelliitside maajaamad ja nende süsteemid (SES); Harmoneeritud standard raadiosagedusalas 1,5 GHz töötavatele ainult andmeside vastuvõtmist võimaldavatele liikuvatele maajaamadele (ROMES); Raadiosagedusliku kiirguse (RF)	13.01.2017			Artikli 3 lõige 2

spetsifikatsioonid direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel		
EVS-EN 301 166 V2.1.1:2017 Liikuv maaside; Antenni ühendusega kitsaribalisel kanalil töötavad analoog- ja/või digitaalside (kõne ja/või andmeedastus) raadioseadmed; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel	10.02.2017	Artikli 3 lõige 2
EVS-EN 301 426 V2.1.2:2017 Satelliitside maajaamad ja süsteemid (SES); Harmoneeritud standard raadiosagedusalades 1,5 /1,6 GHz töötavate madala andmeedastuskiirusega liikuvatele kosmoseside maajaamadele (LMES) ja merepääste ja ohutuse sideks mitte ettenähtud mereside maajaamadele (MMES) direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel	13.01.2017	Artikli 3 lõige 2
EVS-EN 301 427 V2.1.1:2016 Kosmoseside maajaamad ja süsteemid (SES); Raadiosagedusalades 11/12/14 GHz madala andmeedastuskiirusega töötavate liikuvate kosmoseside maajaamade (LMES) harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 põhinõuete alusel	12.04.2017	Artikli 3, lõige 2
EVS-EN 301 441 V2.1.1:2016 Kosmoseside maajaamad ja süsteemid (SES); Liikuva kosmoseside (MSS) raadiosagedusalades 1,6/2,4 GHz töötavate isikliku kasutusega kosmosesidevõrkude (S PCN) liikuvate maajaamade (MES), kaasa arvatud käsijaamade harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 põhinõuete alusel	12.04.2017	Artikli 3, lõige 2
EVS-EN 301 442 V2.1.1:2016 Kosmoseside maajaamad ja süsteemid (SES); Liikuva kosmoseside (MSS) raadiosagedustel 1 980 MHz kuni 2 010 MHz (Maa-komsos) ja 2 170 MHz kuni 2 200 MHz (kosmos-Maa) töötavate üldkasutatavate kosmosesidevõrkude (S PCN) liikuvate maajaamade (MES), kaasa arvatud käsijaamade harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 põhinõuete alusel	12.04.2017	Artikli 3, lõige 2
EVS-EN 301 443 V2.1.1:2016 Kosmoseside maajaamad ja süsteemid (SES); Mikroantennjaamade (VSAT) harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 põhinõuete alusel raadiosagedusalades 4 GHz ja 6 GHz signaali edastamist või edastamist ja vastuvõtmist või ainult vastuvõtmist võimaldavatele kosmoseside maajaamadele	12.04.2017	Artikli 3, lõige 2
EVS-EN 301 444 V2.1.2:2017 Satelliitside maajaamad ja süsteemid (SES); Raadiosagedusalades 1,5 GHz ja 1,6 GHz töötavate ja kõne- ja/või andmeedastust võimaldavate liikuva maaside maajaamade (LMES) harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel	13.01.2017	Artikli 3 lõige 2
EVS-EN 301 447 V2.1.1:2016 Kosmoseside maajaamad ja süsteemid (SES); Paiksele kosmosesidele (FSS) eraldatud raadiosagedusalades 4/6 GHz töötavate veesõidukitele paigaldatud kosmoseside maajaamade (ESV) harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 põhinõuete alusel	12.04.2017	Artikli 3, lõige 2
EVS-EN 301 473 V2.1.2:2017 Satelliitside maajaamad ja süsteemid (SES); Raadiosagedusalas alla 3 GHz töötavate liikuva lennu-satelliitside teenistuse (AMSS)/liikuva satelliitside teenistuse (MSS)	13.01.2017	Artikli 3 lõige 2

ja/või lennu-satelliitside kursiteenistuse (AMS(R)S)/liikuva satelliitside teenistuse (MSS) õhusõiduki satelliitside maajaamade (AES) harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel		
EVS-EN 301 511 V9.0.2:2004 Globaalne mobiiltelefonisüsteem (GSM); Raadiosagedusalades GSM 900 ja DCS 1 800 töötavate liikuvate raadiojaamade põhinõuded, harmoneeritud standard R&TTE direktiivi (1999/5/EÜ) artikli 3.2 alusel Märkus: see harmoneeritud standard lubab eeldada vastavust direktiivi 2014/53/EL põhinõuetele, tingimusel et kohaldatakse ka punkti (de) 4.2.20, 4.2.21, ja 4.2.26 vastuvõtuparameetreid	12.04.2017	Artikli 3, lõige 2
EVS-EN 301 559 V2.1.1:2017 Lähitoimeseadmed (SRD); Raadiosagedusalas 2483,5–2500 MHz töötavad madala võimsusega aktiivsed meditsiinilised implantaadid (LP-AMI) ja seotud välisseadmed (LP-AMI-P); Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel	13.01.2017	Artikli 3 lõige 2
EVS-EN 301 681 V2.1.2:2017 Satelliitside maajaamad ja süsteemid (SES); Raadiosagedusalades 1,5 GHz ja 1,6 GHz töötava liikuva maa-satelliitsideside teenistuse (MSS) geostatsionaarse liikuva satelliitside süsteemide presonaalse satelliit-teenuste süsteemide (S-PCN) liikuvate maajaamade (MES), kaasa arvatud käsi-maajaamade, harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel	13.01.2017	Artikli 3 lõige 2
EVS-EN 301 721 V2.1.1:2016 Kosmoseside maajaamad ja süsteemid (SES); Raadiosagedusel alla 1 GHz maalähedase orbiidi (LEO) satelliitsüsteemide madala andmeedastuskiirusega (LBRDC) liikuvate maajaamade (MES) harmoneeritud standard direktiivi 2014/53/EL artikli 3 lõike 2 põhinõuete alusel	12.04.2017	Artikli 3, lõige 2
EVS-EN 301 908-10 V4.2.2:2017 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Kolmanda põlvkonna mobiilsidevõrgu IMT-2000 baasjaamad (BS),repiiterid ja kasutajaseadmed (UE); Osa 10: IMT-2000, FDMA/TDMA (DECT) harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel	13.01.2017	Artikli 3 lõige 2
EVS-EN 301 908-2 V11.1.1:2016 IMT mobiilsidevõrgud; Harmoneeritud standard Raadioseadme direktiivi 2014/53/EL artikli 3.2 põhinõuete alusel; Osa 2: CDMA otsese hajutamisega (UTRA FDD) kasutajaseadmed (UE)	12.04.2017	Artikli 3, lõige 2
EVS-EN 301 908-22 V6.1.1:2017 IMT mobiilsidevõrgud; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 22: OFDMA TDD WMAN (Mobile Wi-MAXTM) FDD baasjaamad (BS)	09.12.2016	Artikli 3, lõige 2
EVS-EN 302 018-2 V1.1.1:2003 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Sagedusmoduleeritud (FM) raadioringhäälingusaatjad; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3.2 alusel	12.04.2017	Artikli 3, lõige 2
EVS-EN 302 065-1 V2.1.1:2017 Lähitoimeseadmed (SRD), mis kasutavad ultralairiba (UWB) tehnoloogiat; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 1: Nõuded UWB üldrakendustele	10.03.2017	Artikli 3 lõige 2

EVS-EN 302 065-2 V2.1.1:2017 Lähitoimeseadmed (SRD), mis kasutavad ultralairiba (UWB) tehnoloogiat; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 2: Nõuded UWB asukoha jälgimise seadmetele	10.03.2017	Artikli 3 lõige 2
EVS-EN 302 065-3 V2.1.1:2017 Lähitoimeseadmed (SRD), mis kasutavad ultralairiba (UWB) tehnoloogiat; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 3: Nõuded maapealsete sõidukirakenduste UWB seadmetele	10.03.2017	Artikli 3 lõige 2
EVS-EN 302 065-4 V1.1.1:2017 Lähitoimeseadmed (SRD), mis kasutavad ultralairiba (UWB) tehnoloogiat; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 4: Sagedustel alla 10,6 GHz töötavad UWB tehnoloogiat kasutavad materjalide tajurid	12.04.2017	Artikli 3, lõige 2
EVS-EN 302 077-2 V1.1.1:2005 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Maapealse digitaalse raadioringhäälingusüsteemi (T-DAB) raadiosaateseadmed; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3.2 alusel	12.04.2017	Artikli 3, lõige 2
EVS-EN 302 208 V3.1.1:2017 Raadiosagedusalas 865 MHz kuni 868 MHz võimsusega kuni 2 W ja raadiosagedusalas 915 MHz kuni 921 MHz võimsusega kuni 4 W töötavad raadiosageduslikud identifitseerimisseadmed; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel	12.04.2017	Artikli 3, lõige 2
EVS-EN 302 217-2-2 V2.2.1:2014 Paiksed raadiosüsteemid; Raadioliinide seadmete ja antennide karakteristikud ja nõuded; Osa 2-2: Koordineeritavates raadiosagedusalades töötavate digitaalsüsteemide harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel Märkus: see harmoneeritud standard lubab eeldada vastavust direktiivi 2014/53/EL põhinõuetele, tingimusel et kohaldatakse ka punkti (de) 4.3.1, 4.3.2, 4.3.3 ja 4.3.4 vastuvõtuparameetreid	12.04.2017	Artikli 3, lõige 2
EVS-EN 302 245-2 V1.1.1:2005 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Digitaalse raadioringhäälingusüsteemi DRM raadiosaateseadmed; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3.2 alusel	12.04.2017	Artikli 3 lõige 2
EVS-EN 302 296-2 V1.2.1:2011 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Maapealse digitaalse televisiooniringhäälingusüsteemi (DVB-T) raadiosaateseadmed; Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 alusel.	12.04.2017	Artikli 3, lõige 2
EVS-EN 302 326-2 V1.2.2:2007 Paiksed raadiosidesüsteemid; Mitmikpunktside seadmed ja antennid; Osa 2: Digitaalsete mitmikpunktside raadioseadmete harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel	12.04.2017	Artikli 3, lõige 2
EVS-EN 302 372 V2.1.1:2017 Lähitoimeseadmed (SRD); Sagedusvahemikes 6-8,5 GHz, 24,05-26,5 GHz, 57-64 GHz, 75-85 GHz töötavad mahutite taseme sondeerimisseadmed (TLPR); Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel	10.03.2017	Artikli 3 lõige 2
EVS-EN 302 537 V2.1.1:2017 Sagedusalades 402 MHz kuni 405 MHz ja 405 MHz kuni 406 MHz töötavad väga väikese võimsusega meditsiini andmesidesüsteemid (MEDS); Harmoneeritud	13.01.2017	Artikli 3 lõige 2

standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel		
EVS-EN 302 561 V2.1.1:2016 Liikuv maaside; Sageduskanalis laiusega 25 kHz, 50 kHz, 100 kHz või 150 kHz töötavad pidevat või vahelduvat mähisjoone modulatsiooni kasutavad raadioseadmed; Harmoneeritud EN direktiivi 2014/53/EU artikli 3.2 põhinõuete alusel	12.04.2017	Artikli 3, lõige 2
EVS-EN 302 574-1 V2.1.2:2017 Satelliitside maajaamad ja süsteemid (SES); Sagedusalades 1980 MHz kuni 2010 MHz (suunal Maa-kosmos) ja 2170 MHz kuni 2200 MHz (suunal kosmos-Maa) töötavate liikuvate satelliitside maajaamade (MES) harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 1: Komplementaarne maakomponent (CGC) lairibasüsteemidele	12.04.2017	Artikli 3, lõige 2
EVS-EN 302 574-2 V2.1.2:2017 Satelliitside maajaamad ja süsteemid (SES); Sagedusalades 1980 MHz kuni 2010 MHz (suunal Maa-kosmos) ja 2170 MHz kuni 2200 MHz (suunal kosmos-Maa) töötavate liikuvate satelliitside maajaamade (MES) harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 2: Lairibasüsteemide kasutajaseadmed (UE)	12.04.2017	Artikli 3, lõige 2
EVS-EN 302 574-3 V2.1.1:2017 Satelliitside maajaamad ja süsteemid (SES); Sagedusalades 1980 MHz kuni 2010 MHz (suunal Maa-kosmos) ja 2170 MHz kuni 2200 MHz (suunal kosmos-Maa) töötavate liikuvate satelliitside maajaamade (MES) harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 2: Kitsaribaliste süsteemide kasutajaseadmed (UE)	12.04.2017	Artikli 3, lõige 2
EVS-EN 303 372-1 V1.1.1:2017 Satelliitside maajaamad ja süsteemid (SES). Satelliitülekande vastuvõtu seadmed; Harmoneeritud standard direktiivi 2014/53/EL artikli 3.2 oluliste nõuete alusel; Osa 1: aadiosagedusalas 10,7 GHz kuni 12,75 GHz töötav välisvastuvõtuseade	13.01.2017	Artikli 3 lõige 2

Märkus 1: Tavaliselt on kuupäevaks, mil asendatava standardi järgimisest tulenev vastavuseeldus kehtivuse kaotab, Euroopa standardiorganisatsiooni kehtestatud tühistamiskuupäev, kuid kõnealuste standardite kasutajate tähelepanu juhitakse asjaolule, et teatavatel erandjuhtudel võib olla ka teisiti.

Määrus 65/2014
Kodumajapidamises kasutatavate küpsetusahjude, keeduplaatide ja pliidikubude energiamärgistus
Määrus 66/2014
Kodumajapidamises kasutatavate küpsetusahjude, keeduplaatide ja pliidikubude ökodisaini nõuded

(EL Teataja 2017/C 118/01)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse Märkus 1
EVS-EN 30-2-1:2015 Kodused gaaskuumutusega toiduvalmistusseadmed. Osa 2-1: Energia säästmine. Üldist	12.04.2017		
EVS-EN 60350-1:2016 Kodumajapidamises kasutatavad elektrilised toiduvalmistusseadmed. Osa 1: Pliidid, ahjud, auruahjud ja grillid. Toimivuse mõõtemeetodid	12.04.2017	EN 60350-1:2013+A11:2014 Märkus 2.1	04.11.2019

EVS-EN 60350-2:2013 Kodumajapidamises kasutatavad elektrilised toiduvalmistusseadmed. Osa 2: Pliidiplaadid. Toimivuse mõõtemeetodid	12.04.2017	
EVS-EN 60350-2:2013/A11:2014 Kodumajapidamises kasutatavad elektrilised toiduvalmistusseadmed. Osa 2: Pliidiplaadid. Toimivuse mõõtemeetodid	12.04.2017	Märkus 3

Märkus 1: Tavaliselt on kuupäevaks, mil asendatava standardi järgimisest tulenev vastavuseeldus kehtivuse kaotab, Euroopa standardiorganisatsiooni kehtestatud tühistamiskuupäev, kuid kõnealuste standardite kasutajate tähelepanu juhitakse asjaolule, et teatavatel erandjuhtudel võib olla ka teisiti.

Märkus 3: Muudatuste puhul on viitestandard EN CCCCC:AAAA, vajaduse korral selle varasemad muudatused ja osutatud uus muudatus. Asendatav standard koosneb seega standardist EN CCCCC:AAAA ja vajaduse korral selle varasematest muudatustest, kuid ei hõlma osutatud uut muudatust. Osutatud kuupäeval ei anna asendatava standardi järgimine enam eeldust, et toode või teenus vastab liidu asjaomaste õigusaktide olulistele või muudele nõuetele.

Märkus 2.1: Uue (või muudetud) standardi reguleerimisala on samasugune nagu asendataval standardil. Osutatud kuupäevast alates ei loo asendatava standardi järgimine enam eeldust, et toode või teenus vastab liidu asjaomaste õigusaktide olulistele või muudele nõuetele.