

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEN 934-3

Identne prEN 934-3:2009

Tähtaeg 1.04.2009

Betooni ja mördi keemilised lisandid. Osa 3: Müürimördi keemilised lisandid. Määratlused, nõuded, vastavus ja märgistus

This European Standard defines and specifies the requirements and conformity criteria for admixtures for use in cement based masonry mortar. It covers two types of admixtures, long term retarding and air entraining/plasticising which are used in ready-mixed and site made masonry mortars. Provisions for the use of admixtures for masonry mortar are not part of this European Standard but are covered by EN 998-1 and EN 998-2.

Keel en

Asendab EVS-EN 934-3:2005

prEN 15898

Identne prEN 15898:2009

Tähtaeg 1.04.2009

Conservation of cultural property - Main general terms and definitions concerning conservation of cultural property

This document defines the main general terms used in the field of conservation of cultural property with particular attention to those terms which have wide use or significance.

Keel en

prEN 15900

Identne prEN 15900:2009

Tähtaeg 1.04.2009

Energy efficiency services - Definitions and essential requirements

This standard specifies the definitions and minimum requirements for an energy efficiency service.

Keel en

prEN ISO 15883-1

Identne prEN ISO 15883-1:2009

ja identne ISO 15883-1:2006

Tähtaeg 1.04.2009

Pesur-desinfitseerija. Osa 1: Üldnõuded, terminid, definitsioonid ja katsed

This part of ISO 15883 specifies general performance requirements for washer-disinfectors (WD) and their accessories that are intended to be used for cleaning and disinfection of re-usable medical devices and other articles used in the context of medical, dental, pharmaceutical and veterinary practice. It specifies performance requirements for cleaning and disinfection as well as for the accessories which can be required to achieve the necessary performance. The methods and instrumentation required for validation, routine control and monitoring and re-validation, periodically and after essential repairs, are also specified. The requirements for washer-disinfectors intended to process specific loads are specified in subsequent parts of this standard. For washer-disinfectors intended to process loads of two or more different types the requirements of all relevant parts of this standard apply.

Keel en

Asendab EVS-EN ISO 15883-1:2006

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

prEN 15900

Identne prEN 15900:2009

Tähtaeg 1.04.2009

Energy efficiency services - Definitions and essential requirements

This standard specifies the definitions and minimum requirements for an energy efficiency service.

Keel en

07 MATEMAATIKA. LOODUSTEADUSED

prEN 13798

Identne prEN 13798:2009

Tähtaeg 1.04.2009

Hydrometry - Specification for a reference raingauge pit

This European Standard specifies the design of a reference raingauge pit. The specified details of the pit and the grating, are purposely kept to a minimum in order to allow each raingauge operator latitude in their construction and to suit local conditions.

Keel en

Asendab EVS-EN 13798:2002

prEN 15518-1

Identne prEN 15518-1:2009

Tähtaeg 1.04.2009

Winter maintenance equipment - Road weather information systems - Part 1: Global definitions and components

This European Standard defines the "Road Weather Information Systems" (RWIS) concept for public roads and traffic surfaces. This standard applies to the acquisition of data on weather-related road and environment conditions as well as their forecast. This information is typically used for road maintenance and can serve other systems like traffic management, road users information, data models, etc.

Keel en

prEN 15518-2

Identne prEN 15518-2:2009

Tähtaeg 1.04.2009

Winter maintenance equipment - Road weather information systems - Part 2: Road weather - Recommended observation and forecast

This European Standard specifies the frequency, resolution and content of road weather observation and forecast products for a Road Weather Information Systems (RWIS).

Keel en

prEN 15518-3

Identne prEN 15518-3:2009

Tähtaeg 1.04.2009

Winter maintenance equipment - Road weather information systems - Part 3: Requirements on measured values of stationary equipments

This European Standard specifies the terminology and performance requirements for all components of a stationary equipment within a Road Weather Information Systems (RWIS).

Keel en

prEN ISO 18416

Identne prEN ISO 18416:2009

ja identne ISO 18416:2007

Tähtaeg 1.04.2009

Cosmetics - Microbiology - Detection of Candida albicans

This International Standard gives general guidelines for the detection and identification of the specified microorganism *Candida albicans* in cosmetic products. Microorganisms considered as specified in this International Standard might differ from country to country according to national practices or regulations. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis so as to determine the types of cosmetic product to which this International Standard is applicable. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, those with extreme pH values, etc. The method described in this International Standard is based on the detection of *Candida albicans* in a non-selective liquid medium (enrichment broth), followed by isolation on a selective agar medium. Other methods may be appropriate dependent on the level of detection required.

Keel en

prEN ISO 21148

Identne prEN ISO 21148:2009

ja identne ISO 21148:2005

Tähtaeg 1.04.2009

Cosmetics - Microbiology - General instructions for microbiological examination

This International Standard gives general instructions for carrying out microbiological examinations of cosmetic products, in order to ensure their quality and safety, in accordance with an appropriate risk analysis (e.g. low water activity, hydro-alcoholic, extreme pH values). Because of the large variety of products and potential uses within this field of application, these instructions might not be appropriate for some products in every detail (e.g. certain water-immiscible products).

Keel en

prEN ISO 21149

Identne prEN ISO 21149:2009

ja identne ISO 21149:2006

Tähtaeg 1.04.2009

Cosmetics - Microbiology - Enumeration and detection of aerobic mesophilic bacteria

This International Standard gives general guidelines for enumeration and detection of mesophilic aerobic bacteria present in cosmetics, - by counting the colonies on agar medium after aerobic incubation, or - by checking the absence of bacterial growth after enrichment. Because of the large variety of cosmetic products within this field of application, this method may not be appropriate for some products in every detail (e.g. certain water immiscible products). Other methods (e.g. automated) may be substituted for the tests presented here provided that their equivalence has been demonstrated or the method has been otherwise validated. If needed, microorganisms enumerated or detected may be identified using suitable identification tests described in the standards given in the Bibliography. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis, so as to determine the types of cosmetic products to which this International Standard is applicable. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, extreme pH values, etc.

Keel en

prEN ISO 21150

Identne prEN ISO 21150:2009

ja identne ISO 21150:2006

Tähtaeg 1.04.2009

Cosmetics - Microbiology - Detection of Escherichia coli

This International Standard gives general guidelines for the detection and identification of the specified microorganism *Escherichia coli* in cosmetic products. Microorganisms considered as specified in this International Standard might differ from country to country according to national practices or regulations. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis, so as to determine the types of cosmetic products to which this International Standard is applicable. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, extreme pH values, etc. This International Standard specifies a method that is based on the detection of *Escherichia coli* in a non-selective liquid medium (enrichment broth), followed by isolation on a selective agar medium. Other methods may be appropriate depending on the level of detection required.

Keel en

prEN ISO 22718

Identne prEN ISO 22718:2009

ja identne ISO 22718:2006

Tähtaeg 1.04.2009

Cosmetics - Microbiology - Detection of Staphylococcus aureus

This International Standard gives general guidelines for the detection and identification of the specified micro-organism *Staphylococcus aureus* in cosmetic products. Micro-organisms considered as specified in this International Standard might differ from country to country according to national practices or regulations. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis to determine the types of cosmetic product to which this International Standard is applicable. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, extreme pH values, etc. The method described in this International Standard is based on the detection of *Staphylococcus aureus* in a non-selective liquid medium (enrichment broth), followed by isolation on a selective agar medium. Other methods may be appropriate dependent on the level of detection required.

Keel en

prEVS-ISO 21527-2

ja identne ISO 21527-2:2008

Tähtaeg 30.03.2009

Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95 (ISO 21527-2:2008)

This part of ISO 21527 specifies a horizontal method for the enumeration of viable osmophilic yeasts and xerophilic moulds in products intended for human consumption or feeding of animals that have a water activity less than or equal to 0,95 (dry fruits, cakes, jams, dried meat, salted fish, grains, cereals and cereal products, flours, nuts, spices and condiments, etc. [Annex A]), by means of the colony count technique at 25 °C ± 1 °C (Reference [3]). This part of ISO 21527 does not apply to dehydrated products with water activity less than or equal to 0,60 (dehydrated cereals, oleaginous products, spices, leguminous plants, seeds, powders for instant drinks, dry products for domestic animals, etc.) and does not allow the enumeration of mould spores (Reference [3]). Neither the identification of fungal flora nor the examination of foods for mycotoxins lie within the scope of this part of ISO 21527. The method specified in this part of ISO 21527 is not suitable for enumeration of halophilic xerophilic fungi (i.e. *Polypaecilum pisce*, *Basipetospora halophila*) such as may be found in dried fish.

Keel en

Asendab EVS-ISO 7954:1999

prEVS-ISO 21527-1

ja identne ISO 21527-1:2008

Tähtaeg 30.03.2009

Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95

This part of ISO 21527 specifies a horizontal method for the enumeration of viable yeasts and moulds in products intended for human consumption or feeding of animals that have a water activity greater than 0,95 [eggs, meat, dairy products (except milk powder), fruits, vegetables, fresh pastes, etc.], by means of the colony count technique at 25 °C ± 1 °C (References [1], [2]). This part of ISO 21527 does not allow the enumeration of mould spores. Neither the identification of fungal flora nor the examination of foods for mycotoxins lie within the scope of this part of ISO 21527. The method specified in this part of ISO 21527 is not suitable for enumeration of heat-resistant fungi, such as *Byssoschlamys fulva* or *Byssoschlamys nivea*, in canned or bottled fruit and vegetables.

Keel en

Asendab EVS-ISO 7954:1999

11 TERVISEHOOLDUS

prEN ISO 27020

Identne prEN ISO 27020:2009
ja identne ISO/DIS 27020:2009
Tähtaeg 1.04.2009

Dentistry - Brackets and tubes for use in orthodontics

This International Standard is applicable to brackets and tubes to use in fixed orthodontic appliances. This International Standard gives details of methods to compare the functional dimensions of orthodontic brackets and tubes, the test methods by which they can be determined, as well as packaging and labelling information. Specific qualitative and quantitative requirements for freedom from biological hazards are not included in this International Standard, but it is recommended that in assessing possible biological hazards reference should be made to ISO 10993-1 and ISO 7405.

Keel en

EN 794-3:1999/prA2

Identne EN 794-3:1998/prA2:2009
Tähtaeg 1.04.2009

Kopsuventilaatorid. Osa 3: Erinõuded kiirabi- ja transportventilaatoritele

Standardi käesolev osa esitab nõuded ventilaatoritele, mis on mootorajamiga ning ette nähtud kasutamiseks kiirabi andmisel ja transportimisel. Standard hõlmab tervet rida seadmeid, alates suhteliselt lihtsatest ventilaatoritest, mis on ette nähtud eelkõige kasutamiseks koos näomaskiga ja piiratud aja vältel (nt. gaasitoitel töötavad ventilaatorid), kuni seadmeteni, mis on ette nähtud pikemaajaliseks kasutamiseks.

Keel en

EN 1282-2:2005/prA1

Identne EN 1282-2:2005/prA1:2009
ja identne ISO 5366-3:2001
Tähtaeg 1.04.2009

Trahheostoomikanüülid. Osa 2: Pediaatrilised kanüülid

This European Standard specifies requirements for paediatric tracheostomy tubes made of plastics materials and/or rubber having inside diameters from 2,0 mm to 6,0 mm. Requirements for paediatric tracheostomy tube connectors and adaptors are also given.

Keel en

EN 1782:1999/prA1

Identne EN 1782:1998/prA1:2009
Tähtaeg 1.04.2009

Intubatsioonitorud ja -liitmikud

Standard esitab nõuded plastist ja/või kummist valmistatud (mansetita ja mansetiga) orotrahheaalsetele ja nasotrahheaalsetele intubatsioonitorudele ning nõuded intubatsioonitorude liitmikele. Eriotstarbelised intubatsioonitorud on käesoleva standardi reguleerimisalast välja jäetud.

Keel en

EN 1820:2005/prA1

Identne EN 1820:2005/prA1:2009
ja identne ISO 5362:2000
Tähtaeg 1.04.2009

Anesteetikumikotid

This document specifies requirements for antistatic and non-antistatic reservoir bags for use with anaesthetic apparatus or lung-ventilator breathing systems. It includes requirements for the design of the neck, size designation, distension and, where relevant, for electrical resistance. This document is not applicable to special-purpose bags, for example bellows and self-expanding bags. Bags for use with anaesthetic gas scavenging systems are not considered to be anaesthetic reservoir bags and are thus outside the scope of this document.

Keel en

Asendab EVS-EN 1820:1999

EN 12342:1999/prA1

Identne EN 12342:1998/prA1:2009
Tähtaeg 1.04.2009

Hingamistorud, mis on ette nähtud kasutamiseks koos anesteesiaaparaatidega ja ventilaatoritega

Standard esitab põhinõuded hingamistorudele ja -torustikule, millest saab lõigata sobiva pikkusega osa ning mis on ette nähtud kasutamiseks koos anesteesiaaparaatide, ventilaatorite, niisutite ja nebulisaatoritega. Standard kehtib samuti hingamistorude ja Y-torukolmikute kohta, mis on hangitud juba kokkumonteeritult, ning nende kohta, mis on hangitud koostisosadena ja vastavalt tootjatelt antud juhistele kokku monteeritud.

Keel en

EN 13544-1:2007/prA1

Identne EN 13544-1:2007/prA1:2009

Tähtaeg 1.04.2009

Respiratoorse teraapia seadmed. Osa 1: Pihustussüsteemid ja nende komponendid

This European Standard specifies requirements for nebulizing systems used for the delivery of drugs in an aerosol form to humans through the respiratory system.

Keel en

EN 13544-2:2002/prA1

Identne EN 13544-2:2002/prA1:2009

Tähtaeg 1.04.2009

Respiratoorse teraapia seadmed. Osa 2: Torustik ja toruliitmikud

This part of EN 13544 specifies requirements for nipples, screw threaded unions and tubing to be used with equipment for the therapeutic administration of respirable gases in domiciliary, ambulance and hospital practice, for example, as the oxygen tube connectors for resuscitators and the inlets to masks or nebulizers.

Keel en

EN 13544-3:2002/prA1

Identne EN 13544-3:2001/prA1:2009

Tähtaeg 1.04.2009

Respiratoorse teraapia seadmed. Osa 3: Öhuärakande seadmed

This part of this European Standard specifies minimum performance and safety requirements for air entrainment devices used for delivery of a designated oxygen concentration to patients. It gives a test method to check the oxygen concentration in the air/oxygen mixture generated by the air entrainment device.

Keel en

FprEN 60601-2-4

Identne FprEN 60601-2-4:2009

ja identne IEC 60601-2-4:200X

Tähtaeg 29.04.2009

Medical electrical equipment - Part 2-4: Particular requirements for basic safety and essential performance of cardiac defibrillators

This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of CARDIAC DEFIBRILLATORS, hereafter referred to as ME EQUIPMENT. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this standard are not covered by specific requirements in this standard except in 7.2.13 and 8.4.1 of the general standard.

Keel en

Asendab EVS-EN 60601-2-4:2003

FprEN 60601-2-27

Identne FprEN 60601-2-27:2009

ja identne IEC 60601-2-27:200X

Tähtaeg 1.04.2009

Medical electrical equipment - Part 2-27: Particular requirements for basic safety and essential performance of electrocardiographic monitoring equipment

This Particular Standard applies to BASIC SAFETY and ESSENTIAL PERFORMANCE of ELECTROCARDIOGRAPHIC (ECG) MONITORING EQUIPMENT as defined in 201.3.63 and hereinafter also referred to as ME EQUIPMENT. This standard is applicable to ME EQUIPMENT used in a hospital environment. ME EQUIPMENT intended for use under extreme or uncontrolled environmental conditions outside the hospital environment or physician's office, such as in ambulances and air transport, and ECG telemetry systems shall comply with this particular standard. Additional standards may apply to ME EQUIPMENT for those environments of use. This standard is not applicable to electrocardiographic monitors for home use. However, MANUFACTURERS should consider using relevant clauses of this standard as appropriate for their INTENDED USE/INTENDED PURPOSE.

Ambulatory ("Holter") monitors, fetal heart rate monitoring, pulse plethysmographic devices, and other ECG recording equipment are outside the scope of this particular standard.

Keel en

Asendab EVS-EN 60601-2-27:2001

FprEN 60601-2-46

Identne FprEN 60601-2-46:2009

ja identne IEC 60601-2-46:200X

Tähtaeg 1.04.2009

Medical electrical equipment - Part 2-46: Particular requirements for basic safety and essential performance of operating tables

This Particular Standard specifies safety requirements for OPERATING TABLES, whether or not having electrical parts, including TRANSPORTERS, used for the transportation of the table top to or from the base or pedestal of an OPERATING TABLE with detachable table top.

Keel en

Asendab EVS-EN 60601-2-46:2002

FprEN ISO 8536-3

Identne FprEN ISO 8536-3:2009

ja identne ISO/FDIS 8536-3:2009

Tähtaeg 1.04.2009

Infusion equipment for medical use - Part 3: Aluminium caps for infusions bottles

This part of ISO 8536 specifies aluminium caps for infusion glass bottles which are in accordance with ISO 8536-1.

Keel en

Asendab EVS-EN ISO 8536-3:2001

FprEN ISO 10993-15

Identne FprEN ISO 10993-15:2009

ja identne ISO 10993-15:2000

Tähtaeg 1.04.2009

Meditsiiniseadmete bioloogiline hindamine. Osa 15: Metallide ja sulamite lagusaaduste identifitseerimine ja kvantifitseerimine

This part of ISO 10993 provides guidance on general requirements for the design of tests for identifying and quantifying degradation products from finished metallic medical devices or corresponding material samples finished as ready for clinical use. It is applicable only to those degradation products generated by chemical alteration of the finished metallic device in an in vitro accelerated degradation test. Because of the accelerated nature of these tests, the test results may not reflect the implant or material behavior in the body. The described chemical methodologies are a means to generate degradation products for further assessments. This part of ISO 10993 is not applicable to degradation products induced by applied mechanical stress.

Keel en

Asendab EVS-EN ISO 10993-15:2001

prEN ISO 7885

Identne prEN ISO 7885:2009

ja identne ISO/DIS 7885:2009

Tähtaeg 1.04.2009

Dentistry - Sterile injection needles for single use

This International Standard gives dimensional and performance requirements for sterile, single-use injection needles for dental cartridge syringes complying with ISO 9997 for injection of dental local anaesthetics. It further specifies requirements with respect to their packaging and labelling. It does not cover needles for special applications or techniques. Only the materials used for the construction of the needle tubing are specified.

Keel en

Asendab EVS-EN ISO 7885:2001

prEN ISO 9173-2

Identne prEN ISO 9173-2:2009

ja identne ISO/DIS 9173-2:2009

Tähtaeg 1.04.2009

Dentistry - Extraction forceps - Part 2: Functional designation

This part of ISO 9173 specifies the functional designation of dental extraction forceps.

Keel en

prEN ISO 11607-1

Identne prEN ISO 11607-1:2009

ja identne ISO 11607-1:2006

Tähtaeg 1.04.2009

Terminaalset steriliseeritud meditsiiniseadmete pakendid. Osa 1: Nõuded materjalile, steriilsele kaitse- ja pakendamismeetoditele

This part of ISO 11607 specifies the requirements and test methods for materials, preformed sterile barrier systems, sterile barrier systems and packaging systems that are intended to maintain sterility of terminally sterilized medical devices until the point of use. This part of ISO 11607 is applicable to industry, to health care facilities, and wherever medical devices are placed in sterile barrier systems and sterilized. This part of ISO 11607 does not cover all requirements for sterile barrier systems and packaging systems for medical devices that are manufactured aseptically. Additional requirements might also be necessary for drug/device combinations. This part of ISO 11607 does not describe a quality assurance system for control of all stages of manufacture.

Keel en

Asendab EVS-EN ISO 11607-1:2006

prEN ISO 11953

Identne prEN ISO 11953:2009

ja identne ISO/DIS 11953:2009

Tähtaeg 1.04.2009

Dentistry - The performance of hand torque instruments for the clinical tightening of screw-retained joints in endosseous dental implant systems

This International Standard specifies the requirements and test methods for hand torque instruments used for the clinical tightening of screw-retained joints in endosseous dental implant systems. This standard does not include electronically controlled devices. The Scope clause shall appear at the beginning of each document and define without ambiguity the subject of the document and the aspects covered, thereby indicating the limits of applicability of the document or particular parts of it. It shall not contain requirements.

Keel en

prEN ISO 15752

Identne prEN ISO 15752:2009

ja identne ISO/DIS 15752:2009

Tähtaeg 1.04.2009

Oftalmilised instrumendid. Endoilluminaatorid. Põhinõuded ja katsemeetodid optilise kiirguse kaitse tagamiseks

This International Standard specifies optical radiation safety aspects of endoilluminator light sources and endoilluminator light guides which are used to illuminate the interior of the eye during ocular surgery.

Keel en

prEN ISO 15883-1

Identne prEN ISO 15883-1:2009

ja identne ISO 15883-1:2006

Tähtaeg 1.04.2009

Pesur-desinfitseerija. Osa 1: Üldnõuded, terminid, definitsioonid ja katsed

This part of ISO 15883 specifies general performance requirements for washer-disinfectors (WD) and their accessories that are intended to be used for cleaning and disinfection of re-usable medical devices and other articles used in the context of medical, dental, pharmaceutical and veterinary practice. It specifies performance requirements for cleaning and disinfection as well as for the accessories which can be required to achieve the necessary performance. The methods and instrumentation required for validation, routine control and monitoring and re-validation, periodically and after essential repairs, are also specified. The requirements for washer-disinfectors intended to process specific loads are specified in subsequent parts of this standard. For washer-disinfectors intended to process loads of two or more different types the requirements of all relevant parts of this standard apply.

Keel en

Asendab EVS-EN ISO 15883-1:2006

prEN ISO 15883-2

Identne prEN ISO 15883-2:2009

ja identne ISO 15883-2:2006

Tähtaeg 1.04.2009

Pesur-desinfitseerija. Osa 2: Nõuded ja testid kirurgiainstrumentide, anesteesiaseadmete, anumate, sööginõude, kuuldetorude ja klaasnõude termilise desinfektsiooni pesur-desinfitseerijatele

This part of ISO 15883 specifies particular requirements for washer-disinfectors (WD) that are intended for use for the cleaning and thermal disinfection, in a single operating cycle, of re-usable medical devices such as surgical instruments, anaesthetic equipment, bowls, dishes and receivers, utensils and glassware.

Keel en

Asendab EVS-EN ISO 15883-2:2006

prEN ISO 15883-3

Identne prEN ISO 15883-3:2009

ja identne ISO 15883-3:2006

Tähtaeg 1.04.2009

Pesur-desinfitseerija. Osa 3: Nõuded ja testid inimjäätmete konteinerite termilise desinfektsiooni pesur-desinfitseerijatele

This part of ISO 15883 specifies particular requirements for washer-disinfectors (WD) that are intended to be used for emptying, flushing, cleaning and thermal disinfection of containers used to hold human waste for disposal by one operating cycle. This part of ISO 15883 is to be applied in conjunction with ISO 15883-1.

Keel en

Asendab EVS-EN ISO 15883-3:2006

prEN ISO 15883-4

Identne prEN ISO 15883-4:2009

ja identne ISO 15883-4:2008

Tähtaeg 1.04.2009

Pesur-desinfektorid. Osa 4: Termotundlike endoskoopide keemiliseks desinfitseerimiseks kasutatavate pesuritele-desinfektoritele esitatavad nõuded ja katsed

This part of ISO 15883 specifies the particular requirements, including performance, for washer-disinfectors (WDs) that are intended to be used for cleaning and chemical disinfection of thermolabile endoscopes. This part of ISO 15883 also specifies the performance requirements for the cleaning and disinfection of the washer-disinfector and its components and accessories which may be required to achieve the necessary performance. The methods, instrumentation and instructions required for type testing, works testing, validation (installation, operational and performance qualification on first installation), routine control and monitoring and re-validation, periodically and after essential repairs, are also specified.

Keel en

Asendab EVS-EN ISO 15883-4:2008

prEN ISO 28319

Identne prEN ISO 28319:2009

ja identne ISO/DIS 28319:2009

Tähtaeg 1.04.2009

Dentistry - Laser welding

This International Standard specifies requirements and test methods for laser welding in the dental laboratory of materials suitable for use in metallic restorations and appliances.

Keel en

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS**EN 1837:1999/prA1**

Identne EN 1837:1999/prA1:2009

Tähtaeg 1.04.2009

Masinate ohutus. Masinate tervikvalgustus

This standard specifies the parameters of integral lighting systems designed to provide illumination in and/or at both stationary and mobile machines to enable the safe use of the machine and the efficient performance of the visual task within and/or at the machine to be carried out. This standard does not specify lighting systems mounted on the machine to specifically illuminate visual tasks outside the machine. The function and requirements of these systems are specified in the European Standard dealing with the lighting of work places. This European Standard is under preparation. This standard does not establish additional requirements for the operation of lighting systems - in severe conditions (extreme environmental conditions such as freezer applications, high temperatures, etc.); - subject to special rules (e.g. explosive atmospheres); - where the transmittance is reduced by environmental conditions, such as smoke, splashing etc.

Keel en

EN 14034-1:2004/prA1

Identne EN 14034-1:2004/prA1:2009

Tähtaeg 1.04.2009

Tolmupilvede plahvatusomaduste kindlaksmääramine. Osa 1: Tolmupilvede maksimaalse plahvatusrõhu (p_{max}) kindlaksmääramine

This standard describes a test method for the determination of the maximum explosion pressure of dust clouds in a closed vessel under defined initial conditions of pressure and temperature. This method is not suitable for use with recognised explosives, like gunpowder and dynamite, substances which do not require oxygen for combustion, pyrophoric substances, or substances or mixtures of substances which may under some circumstances behave in a similar manner. Where any doubt exists about the existence of hazard due to explosive properties, expert advice should be sought.

Keel en

EN 14034-2:2006/prA1

Identne EN 14034-2:2006/prA1:2009

Tähtaeg 1.04.2009

Toimupilvede plahvatusomaduste kindlaksmääramine. Osa 2: Toimupilvede maksimaalse plahvatusrõhu (dp/dt)_{max} kindlaksmääramine

This standard describes a test method for the determination of the maximum rate of explosion pressure rise of dust clouds in a closed vessel under defined initial conditions of pressure and temperature.

Keel en

EN 14034-3:2006/prA1

Identne EN 14034-3:2006/prA1:2009

Tähtaeg 1.04.2009

Toimupilvede plahvatusomaduste kindlaksmääramine. Osa 3: Toimupilvede madalaima plahvatusmäära LEL kindlaksmääramine

This standard describes a test method for the determination of the lower explosion limit of dust clouds in a closed vessel under defined initial conditions of pressure and temperature.

Keel en

EN 14034-4:2004/prA1

Identne EN 14034-4:2004/prA1:2009

Tähtaeg 1.04.2009

Toimupilvede plahvatusomaduste kindlaksmääramine. Osa 4: Hapniku piirkontsentratsiooni (LOC) kindlaksmääramine toimupilvedes

This standard describes a test method for the determination of the limiting oxygen concentration of dust clouds in a closed vessel under defined initial conditions of pressure and temperature. This method is not suitable for use with recognised explosives, like gunpowder and dynamite, substances which do not require oxygen for combustion, pyrophoric substances, or substances or mixtures of substances which may under some circumstances behave in a similar manner. Where any doubt exists about the existence of hazard due to explosive properties, expert advice should be sought.

Keel en

EN 60335-2-60:2003/FprAA

Identne EN 60335-2-60:2003/FprAA:2009

Tähtaeg 29.04.2009

Household and similar electrical appliances - Safety - Part 2-60: Particular requirements for whirlpool baths and whirlpool spas

This standard deals with the safety of electric whirlpool baths for indoor use, for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard also applies to appliances for circulating air or water in conventional baths.

Keel en

EN ISO 13982-1:2005/prA1

Identne EN ISO 13982-1:2004/prA1:2009

ja identne ISO 13982-1:2004/DAM 1:2009

Tähtaeg 1.04.2009

Tahkete aineosakeste vastane kaitseriietus. Osa 1: Nõuded kemikaalide eest kaitsvale riietusele, mis tagab kogu keha kaitse lendlevate aineosakeste eest

This part of ISO 13982 specifies the minimum requirements for chemical protective clothing resistant to penetration by airborne solid particles (type 5). These garments are full-body protective clothing, i.e. covering trunk, arms and legs, such as one-piece coveralls or two piece suits, with or without hood or visors, with or without foot protection. Requirements for component parts, such as hoods, gloves, boots, visors or respiratory protective equipment might be specified in other International and European Standards.

Keel en

FprEN 60332-3-10

Identne FprEN 60332-3-10:2009

ja identne IEC 60332-3-10:2000 + A1:2008

Tähtaeg 1.04.2009

Tests on electric and optical fibre cables under fire conditions - Part 3-10: Test for vertical flame spread of vertically-mounted bunched wires or cables - Apparatus

The series of International Standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-1:2002

FprEN 60332-3-21

Identne FprEN 60332-3-21:2009

ja identne IEC 60332-3-21:2000

Tähtaeg 1.04.2009

Kaablite ühtsed tulekatsetusmeetodid. Leegi vertikaalse leviku katse vertikaalselt paigaldatud kimpjuhtmete või -kaablite korral. Osa 2-1: Protseduurid. Kategooria A F/R

The series of International Standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-1:2002

FprEN 60332-3-22

Identne FprEN 60332-3-22:2009

ja identne IEC 60332-3-22:2000 + A1:2008

Tähtaeg 1.04.2009

Tests on electric and optical fibre cables under fire conditions - Part 3-22: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A

The series of International Standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-2:2002

FprEN 60332-3-23

Identne FprEN 60332-3-23:2009

ja identne IEC 60332-3-23:2000 + A1:2008

Tähtaeg 1.04.2009

Tests on electric and optical fibre cables under fire conditions - Part 3-23: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category B

The series of International standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-3:2002

FprEN 60332-3-24

Identne FprEN 60332-3-24:2009

ja identne IEC 60332-3-24:2000 + A1:2008

Tähtaeg 1.04.2009

Tests on electric and optical fibre cables under fire conditions - Part 3-24: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category C

The series of International Standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-4:2002

FprEN 60332-3-25

Identne FprEN 60332-3-25:2009

ja identne IEC 60332-3-25:2000 + A1:2008

Tähtaeg 1.04.2009

Tests on electric and optical fibre cables under fire conditions - Part 3-25: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category D

The series of International standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-5:2002

FprEN 60335-2-4/FprAA

Identne FprEN 60335-2-4:2008/FprAA:2009

Tähtaeg 1.04.2009

Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors

This International Standard deals with the safety of – stand alone electric spin extractors, and – spin extractors incorporated in washing machines that have separate containers for washing and spin extraction for household and similar purposes that have a capacity not exceeding 10 kg of dry cloth and a drum peripheral speed not exceeding 50 m/s, their rated voltages being not more than 250 V for single-phase appliances and 480 V for other appliances. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as spin extractors intended to be used by laymen in shops, in light industry and on farms, and spin extractors for communal use in blocks of flats or in launderettes are within the scope of this standard.

Keel en

FprEN 61340-5-3

Identne FprEN 61340-5-3:2009

ja identne IEC 61340-5-3:200X

Tähtaeg 29.04.2009

Electrostatics - Part 5-3: Protection of electronic devices from electrostatic phenomena - Properties and requirements classifications for packaging intended for electrostatic discharge sensitive devices

This standard defines the ESD protective packaging properties needed to protect Electrostatic Discharge Sensitive Devices (ESDS) through all phases of production, transport and storage. Test methods are referenced to evaluate packaging and packaging materials for these product and material properties. Performance limits are provided. This document does not address protection from EMI (Electromagnetic Interference), RFI (Radio Frequency Interference), EMP (Electromagnetic Pulsing) or protection of volatile materials.

Keel en

prEN 1047-2

Identne prEN 1047-2:2009

Tähtaeg 1.04.2009

Secure storage units - Classification and methods of test for resistance to fire - Part 2: Data rooms and data containers

This Part of the European Standard EN 1047 specifies requirements for data rooms and data containers. It includes a method of test for the determination of the ability of data rooms and data containers to protect temperature and humidity sensitive data media (see 3.5) and hardware systems (see 3.6) from the effects of fire. A test method for measuring the resistance to mechanical stress (impact test) provided by data rooms type B and data containers is also specified.

Keel en

Asendab EVS-EN 1047-2:2000

prEN 15254-2

Identne prEN 15254-2:2009

Tähtaeg 1.04.2009

Extended application of results from fire resistance tests - Non-loadbearing walls - Part 2: Masonry and Gypsum Blocks

This document provides guidance, and where appropriate defines procedures, for variations of products and element construction parameters related to the design of internal and external non-loadbearing walls made of clay units, calcium silicate units, aggregate concrete units, autoclaved aerated concrete units and gypsum blocks with different types of mortar that have been tested in accordance with EN 1364-1. Manufactured stone masonry units according to EN 771-5 are not covered.

Keel en

prEN 15518-1

Identne prEN 15518-1:2009

Tähtaeg 1.04.2009

Winter maintenance equipment - Road weather information systems - Part 1: Global definitions and components

This European Standard defines the "Road Weather Information Systems" (RWIS) concept for public roads and traffic surfaces. This standard applies to the acquisition of data on weather-related road and environment conditions as well as their forecast. This information is typically used for road maintenance and can serve other systems like traffic management, road users information, data models, etc.

Keel en

prEN 15518-2

Identne prEN 15518-2:2009

Tähtaeg 1.04.2009

Winter maintenance equipment - Road weather information systems - Part 2: Road weather - Recommended observation and forecast

This European Standard specifies the frequency, resolution and content of road weather observation and forecast products for a Road Weather Information Systems (RWIS).

Keel en

prEN 15518-3

Identne prEN 15518-3:2009
Tähtaeg 1.04.2009

Winter maintenance equipment - Road weather information systems - Part 3: Requirements on measured values of stationary equipments

This European Standard specifies the terminology and performance requirements for all components of a stationary equipment within a Road Weather Information Systems (RWIS).

Keel en

prEN ISO 9920

Identne prEN ISO 9920:2009
ja identne ISO 9920:2007 (Corrected version 2008-11-01)
Tähtaeg 1.04.2009

Ergonomics of the thermal environment - Estimation of thermal insulation and water vapour resistance of a clothing ensemble

This International Standard specifies methods for estimating the thermal characteristics (resistance to dry heat loss and evaporative heat loss) in steady-state conditions for a clothing ensemble based on values for known garments, ensembles and textiles. It examines the influence of body movement and air penetration on the thermal insulation and water vapour resistance. This International Standard does not - deal with other effects of clothing, such as adsorption of water, buffering or tactile comfort, - take into account the influence of rain and snow on the thermal characteristics, - consider special protective clothing (water-cooled suits, ventilated suits, heated clothing), or - deal with the separate insulation on different parts of the body and discomfort due to the asymmetry of a clothing ensemble.

Keel en

Asendab EVS-EN ISO 9920:2007

prEN ISO 11925-2

Identne prEN ISO 11925-2:2009
ja identne ISO/DIS 11925-2:2009
Tähtaeg 1.04.2009

Tuletundlikkuse katsed. Ehitusmaterjalide süttivustundlikkus kokkupuutel otsese leegiga. Osa 2: Väikese leegi katse

This International Standard specifies a method of test for determining the ignitability of products by direct small flame impingement under zero impressed irradiance using specimens tested in a vertical orientation. The products that melt and shrink away from the flame without being ignited may be addressed by the additional procedure given in annex A. Information on the precision of the test method is given in annex B.

Keel en

Asendab EVS-EN ISO 11925-2:2007

prEN ISO 14855-2

Identne prEN ISO 14855-2:2009
ja identne ISO 14855-2:2007
Tähtaeg 1.04.2009

Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions - Method by analysis of evolved carbon dioxide - Part 2: Gravimetric measurement of carbon dioxide evolved in a laboratory-scale test

This part of ISO 14855 specifies a method for determining the ultimate aerobic biodegradability of plastic materials under controlled composting conditions by gravimetric measurement of the amount of carbon dioxide evolved. The method is designed to yield an optimum rate of biodegradation by adjusting the humidity, aeration and temperature of the composting vessel. The method applies to the following materials:- natural and/or synthetic polymers and copolymers, and mixtures of these;- plastic materials that contain additives such as plasticizers or colorants;- water-soluble polymers;- materials that, under the test conditions, do not inhibit the activity of micro-organisms present in the inoculum. If the test material inhibits micro-organisms in the inoculum, another type of mature compost or pre-exposure compost can be used.

Keel en

17 METROLOOGIA JA MÕÖTMINE. FÜÜSIKALISED NÄHTUSED**EN 12470-1:2000/prA1**

Identne EN 12470-1:2000/prA1:2009
Tähtaeg 1.04.2009

Kliinilised termomeetrid. Osa 1: Maksimumseadmega metalded vedeliktermomeetrid

This part of the standard specifies performance requirements and test methods for clinical liquid-in-glass thermometers with maximum device and applies only to thermometers filled with metallic liquid.

Keel en

EN 12470-2:2001/prA1

Identne EN 12470-2:2000/prA1:2009

Tähtaeg 1.04.2009

Kliinilised termomeetrid. Osa 2: Faasimuundurtüüpi (punktmaatriks) termomeetrid

This part of the standard specifies performance requirements and test methods for phase change-type (dot matrix) thermometers for measuring temperature in body cavities. □NOTE: A body cavity can be the mouth, rectum or armpit. □The standard does not apply to clinical thermometers designed for special applications (e.g. thermometers for hypothermia) which owing to their measurement range, scale interval or maximum permissible error do not meet the requirements specified in this standard.

Keel en

EN 12470-3:2000/prA1

Identne EN 12470-3:2000/prA1:2009

Tähtaeg 1.04.2009

Kliinilised termomeetrid. Osa 3: Maksimumseadmega kompaksete (mitteennetavate ja ennetavate) elektritermomeetrite jõudlus

This part of the standard specifies the performance requirements for compact clinical electrical thermometers with maximum device (non-predictive and predictive). Concerning clinical electrical □thermometers with maximum device equipped with exchangeable temperature probes the metrological and technical requirements for the indicating unit and the exchangeable probes are described in prEN 12470-4.

Keel en

EN 12470-4:2001/prA1

Identne EN 12470-4:2000/prA1:2009

Tähtaeg 1.04.2009

Kliinilised termomeetrid. Osa 4: Pidevmõõtmisega elektritermomeetrite jõudlus

This part of the Standard specifies the metrological and technical requirements for electrical thermometers for continuous measurements. This European Standard applies to devices that are operated by an electrical power supply either by mains or internal power sources.

Keel en

FprEN 61010-2-030

Identne FprEN 61010-2-030:2009

ja identne IEC 61010-2-030:200X

Tähtaeg 1.04.2009

Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-030: Particular requirements for testing and measuring circuits

This part of IEC 61010 specifies safety requirements for testing and measuring circuits which are connected for test or measurement purposes to devices or circuits outside the measurement equipment itself. These include measurement circuits which are part of electrical test and measurement equipment, laboratory equipment, or process control equipment. The existence of these circuits in equipment requires additional protective means between the circuit and an OPERATOR.

Keel en

FprEN 61788-8

Identne FprEN 61788-8:2009

ja identne IEC 61788-8:200X

Tähtaeg 1.04.2009

Superconductivity - Part 8: AC loss measurements - Total AC loss measurement of round superconducting wires exposed to a transverse alternating magnetic field at liquid helium temperature by a pickup coil method

This part of IEC 61788-8 specifies the measurement method of total AC losses by the pickup coil method in composite superconducting wires exposed to a transverse alternating magnetic field. The losses may contain hysteresis, coupling and eddy current losses. The standard method to measure only the hysteresis loss in DC or low-sweep-rate magnetic field is specified in IEC 61788-13 [2].

Keel en

Asendab EVS-EN 61788-8:2003

prEN 15892

Identne prEN 15892:2009

Tähtaeg 1.04.2009

Railway applications - Noise Emission - Measurement of noise inside driver's cabs

This European standard specifies a type test method to measure noise levels inside the driving cabs of railway vehicles for assessing compliance with the relevant requirements of the Conventional Rail Noise Technical Specification for Interoperability (TSI) and the High-Speed Rolling Stock TSI. This method is applicable to: - The measurement of noise resulting from the sounding of external warning horns when the vehicle is stationary; - the measurement of noise while the vehicle is running. The method is not applicable to: - The measurement of the noise from internal and external audible devices other than external warning horns; - routine monitoring of the noise exposure of train crew. The test procedures specified in this European Standard are of engineering grade (grade 2) with a precision of ± 2 dB, which is the preferred method for noise declaration purposes, as defined in EN ISO 12001.

Keel en

19 KATSETAMINE

EN 60112:2003/FprA1

Identne EN 60112:2003/FprA1:2009

ja identne IEC 60112:2003/A1:200X

Tähtaeg 1.04.2009

Method for the determination of the proof and the comparative tracking indices of solid insulating materials

Specifies the method of test for the determination of the proof and comparative tracking indices of solid insulating materials on pieces taken from parts of equipment and on plaques of material using alternating voltages. The standard provides for the det

Keel en

FprEN 61010-1

Identne FprEN 61010-1:2009

ja identne IEC 61010-1:200X

Tähtaeg 1.04.2009

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 1: Üldnõuded

This part of IEC 61010 specifies general safety requirements for the following types of electrical equipment and their accessories, wherever they are intended to be used.

Keel en

Asendab EVS-EN 61010-1:2002

prEN 13477-2

Identne prEN 13477-2:2009

Tähtaeg 1.04.2009

Non-destructive testing - Acoustic emission - Equipment characterisation - Part 2: Verification of operating characteristic

This part of the standard specifies methods for routine verification of the performance of AE equipment comprising one or more sensing channels. It is intended for use by operators of the equipment under laboratory conditions. Verification of the measurement characteristics is recommended after purchase of equipment, modifications, use under extraordinary conditions, or if one suspects a malfunction. The procedures described in this Standard do not exclude other qualified methods.

Keel en

Asendab EVS-EN 13477-2:2001

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

prEN ISO 225

Identne prEN ISO 225:2009

ja identne ISO/DIS 225:2009

Tähtaeg 1.04.2009

Kinnitusdetailid. Poldid, kruvid, tikkpoldid ja mutrid. Mõõtmete tingmargid ja tähistused

This International Standard defines the designation and description of dimensions of bolts, screws, studs and nuts for use in the appropriate product standards and drawings.

Keel en

Asendab EVS-EN 20225:1999

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EN 598:2007/prA1

Identne EN 598:2007/prA1:2009

Tähtaeg 1.04.2009

Kõrgtugevast malmist torud, armatuur, abiseadised ja nende ühendused kanalisatsioonisüsteemide jaoks. Nõuded ja katsemeetodid

Käesolev standard määrab kindlaks nõuded ja kaasnevad testimismeetodid, mida kohaldatakse väljaspool hooneid olevate drenide ja kanalisatsioonitorustike valmistamiseks kasutatavate kõrgtugevast malmist torude, liitmike, abiseadiste ja nende ühenduste jaoks.

Keel en

EN 12864:2003/prA3

Identne EN 12864:2001/prA3:2009

Tähtaeg 1.04.2009

Madala survega mittereguleeritavad regulaatorid, mille väljundsurve on maksimaalselt väiksem või võrdne 200 mbar-iga, mille võimsus on väiksem või võrdne 4 kg/h ning seonduvad ohutusseadmed butaani, propaani või nende segude suhtes

This European standard defines the structural and operational characteristics, the safety requirements and test methods, the marking, of low-pressure, non adjustable regulators for butane, propane or their mixtures, referred to in the body of the text as "regulators". This European Standard covers regulators supplied at vapour pressure by one or several portable cylinders. They are normally directly connected to the cylinder valve or the self closing valve.

Keel en

FprEN 60534-2-4

Identne FprEN 60534-2-4:2009

ja identne IEC 60534-2-4:200X

Tähtaeg 29.04.2009

Industrial-process control valves - Part 2-4: Flow capacity - Inherent flow characteristics and rangeability

This part of IEC 60534 applies to all types of industrial-process control valves. It defines how to state typical control valve inherent flow characteristics and inherent rangeabilities. It also defines how to establish criteria for adherence to manufacturer-stated flow characteristics.

Keel en

25 TOOTMISTEHNOLLOOGIA**EN 746-1:1999/prA1**

Identne EN 746-1:1997/prA1:2009

Tähtaeg 1.04.2009

Tööstuslikud termotöötlusseadmed. Osa 1: Tööstuslike termotöötlusseadmete üldised ohutusnõuded

Käesolev EN 746 osa määrab kindlaks üldised ohutusnõuded tööstuslike termotöötlusseadmete (nt tööstuslikud ahjud ning kütteseadmed) jaoks, mis vastavad standardis EN 292-1 esitatud seadmete määratlusele. Seda EN 746 osa rakendatakse tööstuslikele termotöötlusseadmetele, mida kasutatakse nt järgmistes valdkondades: - metallurgia ja metallitöötlus, - klaasitööstus, - keraamikatööstus, - tsemendi, lubja ja kipsi tootmine, - keemiatööstus, - jäätmete põletamine.

Keel en

FprEN 62329-3-100

Identne FprEN 62329-3-100:2009

ja identne IEC 62329-3-100:200X

Tähtaeg 1.04.2009

Heat shrinkable moulded shapes - Part 3: Specification requirements for shapedimensions, material requirements and compatibility performance - Sheet 100:Heat-shrinkable moulded shape dimensions

This sheet of IEC 62329-3 gives the dimensional requirements for heat-shrinkable moulded shapes. The moulded shapes may be supplied with a pre-coated adhesive. Refer to the manufacturers/suppliers for options. These moulded shapes are normally supplied in the styles and dimensions given in Tables 1 to 21. The colour is normally Black. Styles and dimensions other than those specifically listed in Tables 1A to 21 may be available as custom items. These items shall be considered to comply with this standard if they comply with the property requirements listed in the sheets for material performance, with the exception of dimensions.

Keel en

FprEN 62329-3-101

Identne FprEN 62329-3-101:2009

ja identne IEC 62329-3-101:200X

Tähtaeg 1.04.2009

Heat shrinkable moulded shapes - Part 3: Specification requirements for shapedimensions, material requirements and compatibility performance - Sheet 101:Heat-shrinkable moulded shapes, polyolefin, semi-rigid, limited fire hazard, materialrequirements and system performance

This sheet of IEC 62329-3 gives the requirements for heat-shrinkable moulded shapes, polyolefin, semi-rigid, limited fire hazard, material requirements and system performance. Experience of product performance indicates that this moulded shape material is suitable for inclusion in systems for operation in the following temperature range, -30°C to + 105°C The moulded shapes may be supplied with a pre-coated adhesive. Refer to the manufacturers/suppliers for options. A guide to adhesive compatibility is given in Appendix A. These moulded shapes are normally supplied in the styles and dimensions given in IEC 62329-3-100. The colour is normally Black.

Keel en

FprEN 62329-3-102

Identne FprEN 62329-3-102:2009

ja identne IEC 62329-3-102:200X

Tähtaeg 1.04.2009

Heat shrinkable moulded shapes - Part 3: Specification requirements for shapedimensions, material requirements and compatibility performance - Sheet 102:Heat-shrinkable elastomeric moulded shapes, semi-rigid, material requirements and system performance

This sheet of IEC 62329-3 gives the requirements for heat-shrinkable elastomeric moulded shape, semi-rigid material requirements and system performance. Experience of product performance indicates that this moulded shape material is suitable for inclusion in systems for operation in the following temperature ranges -75°C to + 120°C The moulded shapes may be supplied with a pre-coated adhesive. Refer to the manufacturers/suppliers for options. A guide to adhesive compatibility is given in Appendix A. These moulded shapes are normally supplied in the styles and dimensions given in IEC 62329-3-100. The colour is normally Black.

Keel en

prEN 13523-21

Identne prEN 13523-21:2009
Tähtaeg 1.04.2009

Coil coated metals - Test methods - Part 21: Evaluation of outdoor exposed panels

This Part of EN 13523 specifies the procedure for evaluating the behaviour of an organic coating on a metallic substrate during and after outdoor exposure. Panel design, preparation and the procedure for outdoor exposure are to be performed in accordance with EN 13523-19. After washing of the panel some dirt can remain on the panel. This remaining dirt can influence the accuracy and precision of readings of gloss and colour, performed on exposed panels, although carried out in accordance with the standards. Unlike other precise measurements, the objective of this Part of EN 13523 is to report on trends in the corrosion and/or paint degradation behaviour of coil coated panels.

Keel en

Asendab EVS-EN 13523-21:2003

prEN 13523-22

Identne prEN 13523-22:2009
Tähtaeg 1.04.2009

Coil coated metals - Test methods - Part 22: Colour difference - Visual comparison

This Part of EN 13523 specifies the procedure for determining the difference in the colour of an organic coating on a metallic substrate by visual comparison against a standard using either diffuse natural daylight or artificial daylight in a standard booth. NOTE Results may differ between natural and artificial daylight. It may occur that two colour specimens will match in daylight but not under another light source. This phenomenon is known as metamerism (see EN 13523-15). In case a metameric match is to be reported in objective terms, spectrophotometric measurements (using CIE Standard Illuminants D65 and A) are to be made, in accordance with EN 13523-15.

Keel en

Asendab EVS-EN 13523-22:2003

prEN 15895-1

Identne prEN 15895-1:2009
Tähtaeg 1.04.2009

Cartridge operated hand-held tools - Safety requirements - Part 1: Fixing and hard making tools

This standard covers safety requirements for cartridge operated fixing and hard marking tools which operate with an intermediate member (piston). This European standard deals with all significant hazards, hazardous situations and events relevant to cartridge operated fixing and hard marking tools, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see clause 4). It deals with the significant hazards in the different operating modes and intervention procedures as defined in 5.3 of EN ISO 12100-1. Although the safe use of cartridge operated tools depends to an important extent on the use of appropriate cartridges and fasteners, this standard is not formulating requirements for the cartridges and fasteners to be used with the tools (see clause 7). This European Standard applies to tools using cartridges with casings made of metal or plastic and containing a minor quantity of primer with a composition different from that of the main propellant. The fixing tools in the scope are those intended for use with fasteners made from metal.

Keel en

27 ELEKTRI- JA SOOJUSENERGEETIKA**EN 61400-1:2005/FprA1**

Identne EN 61400-1:2005/FprA1:2009
ja identne IEC 61400-1:2005/A1:200X
Tähtaeg 1.04.2009

Tuuleturbiin-generaatorsüsteemid. Osa 1: Ohutusnõuded

Specifies essential design requirements to ensure the engineering integrity of wind turbines. Provides an appropriate level of protection against damage from all hazards during the planned lifetime. Is concerned with all subsystems of wind turbines such as control and protection mechanisms, internal electrical systems, mechanical systems and support structures. Applies to wind turbines of all sizes. See IEC 61400-2 for small wind turbines.

Keel en

FprEN 62509

Identne FprEN 62509:2009
ja identne IEC 62509:200X
Tähtaeg 1.04.2009

Performance and functioning of photovoltaic battery charge controllers

This International Standard establishes minimum requirements for the functioning and performance of battery charge controllers (BCC) used with lead acid batteries in terrestrial photovoltaic (PV) systems. The main aims are to ensure BCC reliability and to maximise the life of the battery. This standard shall be used in conjunction with IEC 62093, which describes test and requirements for intended installation application. In addition to the battery charge control functions, this Standard addresses the following battery charge control features: • photovoltaic generator charging of a battery, • load control, • protection functions, • interface functions, The general requirement for safety of battery charge controllers is covered by IEC 62109-3.

Keel en

prEN 299

Identne prEN 299:2009

Tähtaeg 1.04.2009

Surveõli peenpihustusdüüsid. Nurga ja pritseomaduste määramine

This European Standard specifies a method for the determination of the spray characteristic and the index angle of oil pressure atomizing nozzles.

Keel en

Asendab EVS-EN 299:1999

29 ELEKTROTEHNIKA**EN 60061-1:2001/FprA41**

Identne EN 60061-1:1993/FprA41:2009

ja identne IEC 60061-1:1969/A41:200X

Tähtaeg 1.04.2009

Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 1: Lambisoklid

This is a loose-leaf publication and supplements containing new and revised sheets are issued from time to time.

Keel en

EN 60061-1:2001/FprA42

Identne EN 60061-1:1993/FprA42:2008

ja identne IEC 60061-1:1969/A42:200X

Tähtaeg 1.04.2009

Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 1: Lambisoklid

This is a loose-leaf publication and supplements containing new and revised sheets are issued from time to time.

Keel en

EN 60061-2:2001/FprA38

Identne EN 60061-2:1993/FprA38:2009

ja identne IEC 60061-2:1969/A38:200X

Tähtaeg 1.04.2009

Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 2: Lambipesad

This is a loose-leaf publication and supplements containing new and revised sheets are issued from time to time.

Keel en

EN 60061-2:2001/FprA39

Identne EN 60061-2:1993/FprA39:2008

ja identne IEC 60061-2:1969/A39:200X

Tähtaeg 1.04.2009

Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 2: Lambipesad

This is a loose-leaf publication and supplements containing new and revised sheets are issued from time to time.

Keel en

EN 60061-3:2001/FprA40

Identne EN 60061-3:1993/FprA40:2008

ja identne IEC 60061-3:1969/A40:200X

Tähtaeg 1.04.2009

Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 3: Mõõturid

This is a loose-leaf publication and supplements containing new and revised sheets are issued from time to time.

Keel en

EN 60061-3:2001/FprA39

Identne EN 60061-3:1993/FprA39:2009

ja identne IEC 60061-3:1969/A39:200X

Tähtaeg 1.04.2009

Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 3: Mõõturid

This is a loose-leaf publication and supplements containing new and revised sheets are issued from time to time.

Keel en

EN 60112:2003/FprA1

Identne EN 60112:2003/FprA1:2009

ja identne IEC 60112:2003/A1:200X

Tähtaeg 1.04.2009

Method for the determination of the proof and the comparative tracking indices of solid insulating materials

Specifies the method of test for the determination of the proof and comparative tracking indices of solid insulating materials on pieces taken from parts of equipment and on plaques of material using alternating voltages. The standard provides for the det

Keel en

EN 60893-3-3:2004/FprA1

Identne EN 60893-3-3:2004/FprA1:2009

ja identne IEC 60893-3-3:2003/A1:200X

Tähtaeg 1.04.2009

Insulating materials - Industrial rigid laminated sheets based on thermosettingresins for electrical purposes - Part 3-3: Specifications for individual materials -Requirements for rigid laminated sheets based on melamine resins

Gives the requirements for industrial rigid laminated sheets for electrical purposes based on melamine resins and different reinforcements. Applications and distinguishing properties are given. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application should be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. In this revision of the IEC 60893 series of specifications, new material types have been included, changes have been made to the property requirements of some existing types, a new method for testing permittivity and dissipation factor has been added, and all non-specification data for each type has been moved to a new Part 4 document - IEC 60893-4 - Typical values.

Keel en

EN 60893-3-4:2004/FprA1

Identne EN 60893-3-4:2004/FprA1:2009

ja identne IEC 60893-3-4:2003/A1:200X

Tähtaeg 1.04.2009

Insulating materials - Industrial rigid laminated sheets based on thermosettingresins for electrical purposes - Part 3-4: Specifications for individual materials -Requirements for rigid laminated sheets based on phenolic resins

Gives the requirements for industrial rigid laminated sheets for electrical purposes based on phenolic resin and different reinforcements. Applications and distinguishing properties are given. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application should be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. In this revision of the IEC 60893 series of specifications, new material types have been included, changes have been made to the property requirements of some existing types, a new method for testing permittivity and dissipation factor has been added, and all non-specification data for each type has been moved to a new Part 4 document - IEC 60893-4 - Typical values.

Keel en

EN 60893-3-5:2004/FprA1

Identne EN 60893-3-5:2004/FprA1:2009

ja identne IEC 60893-3-5:2003/A1:200X

Tähtaeg 1.04.2009

Insulating materials - Industrial rigid laminated sheets based on thermosettingresins for electrical purposes - Part 3-5: Specifications for individual materials -Requirements for rigid laminated sheets based on polyester resins

Gives the requirements for industrial rigid laminated sheets for electrical purposes based on polyester resins and different reinforcements. Applications and distinguishing properties are given. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application should be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. In this revision of the IEC 60893 series of specifications, new material types have been included, changes have been made to the property requirements of some existing types, a new method for testing permittivity and dissipation factor has been added, and all non-specification data for each type has been moved to a new Part 4 document - IEC 60893-4: Typical values.

Keel en

EN 60893-3-6:2004/FprA1

Identne EN 60893-3-6:2004/FprA1:2009

ja identne IEC 60893-3-6:2003/A1:200X

Tähtaeg 1.04.2009

Insulating materials - Industrial rigid laminated sheets based on thermosettingresins for electrical purposes - Part 3-6: Specifications for individual materials -Requirements for rigid laminated sheets based on silicone resins

Gives the requirements for industrial rigid laminated sheets for electrical purposes based on silicone resins and different reinforcements. Applications and distinguishing properties are given. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application should be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. In this revision of the IEC 60893 series of specifications, new material types have been included, changes have been made to the property requirements of some existing types, a new method for testing permittivity and dissipation factor has been added, and all non-specification data for each type has been moved to a new Part 4 document - IEC 60893-4: Typical values.

Keel en

EN 60893-3-7:2004/FprA1

Identne EN 60893-3-7:2004/FprA1:2009

ja identne IEC 60893-3-7:2003/A1:200X

Tähtaeg 1.04.2009

Insulating materials - Industrial rigid laminated sheets based on thermosetting resins for electrical purposes - Part 3-7: Specifications for individual materials - Requirements for rigid laminated sheets based on polyimide resins

Gives the requirements for industrial rigid laminated sheets for electrical purposes based on polyimide resins and different reinforcements. Applications and distinguishing properties are given. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application should be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. In this revision of the IEC 60893 series of specifications, new material types have been included, changes have been made to the property requirements of some existing types, a new method for testing permittivity and dissipation factor has been added, and all non-specification data for each type has been moved to a new Part 4 document - IEC 60893-4; Typical values.

Keel en

FprEN 60332-3-10

Identne FprEN 60332-3-10:2009

ja identne IEC 60332-3-10:2000 + A1:2008

Tähtaeg 1.04.2009

Tests on electric and optical fibre cables under fire conditions - Part 3-10: Test for vertical flame spread of vertically-mounted bunched wires or cables - Apparatus

The series of International Standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-1:2002

FprEN 60332-3-21

Identne FprEN 60332-3-21:2009

ja identne IEC 60332-3-21:2000

Tähtaeg 1.04.2009

Kaablite ühtsed tulekatsetusmeetodid. Leegi vertikaalse leviku katse vertikaalselt paigaldatud kimpjuhtmete või -kaablite korral. Osa 2-1: Protseduurid. Kategooria A F/R

The series of International Standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-1:2002

FprEN 60332-3-22

Identne FprEN 60332-3-22:2009

ja identne IEC 60332-3-22:2000 + A1:2008

Tähtaeg 1.04.2009

Tests on electric and optical fibre cables under fire conditions - Part 3-22: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A

The series of International Standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-2:2002

FprEN 60332-3-23

Identne FprEN 60332-3-23:2009

ja identne IEC 60332-3-23:2000 + A1:2008

Tähtaeg 1.04.2009

Tests on electric and optical fibre cables under fire conditions - Part 3-23: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category B

The series of International standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-3:2002

FprEN 60332-3-24

Identne FprEN 60332-3-24:2009

ja identne IEC 60332-3-24:2000 + A1:2008

Tähtaeg 1.04.2009

Tests on electric and optical fibre cables under fire conditions - Part 3-24: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category C

The series of International Standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-4:2002

FprEN 60332-3-25

Identne FprEN 60332-3-25:2009

ja identne IEC 60332-3-25:2000 + A1:2008

Tähtaeg 1.04.2009

Tests on electric and optical fibre cables under fire conditions - Part 3-25: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category D

The series of International standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-5:2002

FprEN 61788-8

Identne FprEN 61788-8:2009

ja identne IEC 61788-8:200X

Tähtaeg 1.04.2009

Superconductivity - Part 8: AC loss measurements - Total AC loss measurement of round superconducting wires exposed to a transverse alternating magnetic field at liquid helium temperature by a pickup coil method

This part of IEC 61788-8 specifies the measurement method of total AC losses by the pickup coil method in composite superconducting wires exposed to a transverse alternating magnetic field. The losses may contain hysteresis, coupling and eddy current losses. The standard method to measure only the hysteresis loss in DC or low-sweep-rate magnetic field is specified in IEC 61788-13 [2].

Keel en

Asendab EVS-EN 61788-8:2003

prEN 50532

Identne prEN 50532:2009

Tähtaeg 1.04.2009

Compact Equipment Assembly for Distribution Substations (CEADS)

This European Standard specifies the service conditions, rated characteristics, general structural requirements and test methods of the prefabricated assembly of the main electrical functional units of a HV/LV Distribution Substation, duly interconnected, for alternating current of rated voltages above 1 kV and up to and including 52 kV on the HV side, service frequency 50 Hz. This assembly is to be cable-connected to the network. This Compact Equipment Assembly for Distribution Substation (CEADS) as defined in this standard is designed and tested to be a single product with a single serial number and one set of documentation. Such equipment is delivered as single transport unit, unless transport and/or erection conditions make it difficult or impossible.

Keel en

31 ELEKTROONIKA**FprEN 60603-7-71**

Identne FprEN 60603-7-71:2009

ja identne IEC 60603-7-71:200X

Tähtaeg 1.04.2009

Connectors for electronic equipment - Part 7-71: Detail specification for 8-way, shielded, free and fixed connectors, for data transmission with frequencies up to 1000 MHz

This standard covers 8-way, shielded, free and fixed connectors, references dimensional, mechanical, electrical and environmental characteristics and tests in IEC 60603-7, and specifies electrical transmission requirements, including power sum alien (exogenous) crosstalk, for frequencies up to 1 000 MHz. These connectors are typically used as category 7A connectors in class FA cabling systems specified in ISO/IEC IS 11801. These connectors are intermateable and interoperable with other IEC 60603-7 series connectors as defined in clause 2 of IEC 60603-7-1 and IEC 60603-7-7. These connectors are backward compatible with other IEC 60603-7 series connectors.

Keel en

33 SIDETEHNIKA

FprEN 61300-2-21

Identne FprEN 61300-2-21:2009

ja identne IEC 61300-2-21:200X

Tähtaeg 1.04.2009

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-21: Tests - Composite temperature-humidity cyclic test

The purpose of this part of IEC 61300 is to determine the resistance of a fibre optic device to the deteriorative effects of high temperature, humidity and cold conditions. It is intended to reveal defects in a device under test (DUT) caused by breathing as opposed to absorption of moisture. The test covers the effect of the freezing of trapped water in cracks and fissures as well as condensation. However, the degree of condensation will vary depending on the size and thermal mass of the DUT. This test differs from other cyclic damp heat tests in that it derives its increased severity from: a) a greater number of temperature variations leading to pumping actions in a given time; b) a greater cyclic temperature range; c) a higher rate of change of temperature; d) the inclusion of a number of excursions to sub-zero temperature. This type of test is particularly important for fibre optic devices made of a variety of different materials.

Keel en

Asendab EVS-EN 61300-2-21:2002

FprEN 61754-24

Identne FprEN 61754-24:2008

ja identne IEC 61754-24:200X

Tähtaeg 1.04.2009

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 24: Type SC-RJ connector family

This part of IEC 61754 defines the standard interface dimensions for the type SC-RJ family of connectors.

Keel en

FprEN 62150-4

Identne FprEN 62150-4:2009

ja identne IEC 62150-4:200X

Tähtaeg 1.04.2009

Fibre optic active components and devices - Basic test and measurement procedures - Part 4: Relative intensity noise using a time-domain optical detection system

This International Standard specifies test and measurement procedure for relative intensity noise (RIN). It applies to lasers, laser transmitters, and the transmitter portion of transceivers. This procedure examines whether the device or module satisfies the appropriate performance specification. The procedure is applicable to single longitudinal mode (SLM) and multi-longitudinal mode (MLM) lasers and to devices coupled to single mode fibre (SMF) and multimode fibre (MMF). An optional section of the procedure presents a controlled return loss to the device-under-test, but is only applicable to devices coupled to SMF.

Keel en

prEN 50411-3-2

Identne prEN 50411-3-2:2009

Tähtaeg 1.04.2009

Fibre organisers and closures to be used in optical fibre communication systems - Product specifications - Part 3-2: Singlemode mechanical fibre splice

This standard contains the initial, start of life dimensional, optical, mechanical and environmental performance requirements, which a singlemode mechanical splice must meet in order for it to be categorised as an EN standard product. Since different variants and grades of performance are permitted, product marking and identification details are given in 3.5. Although in this document the product is qualified for EN 60793-2-50 type B1.1 singlemode fibre it may also be suitable for other fibre types.

Keel en

35 INFOTEHNOLOOGIA. KONTORISEADMED

FprEN 61784-3

Identne FprEN 61784-3:2009

ja identne IEC 61784-3:200X

Tähtaeg 1.04.2009

Industrial communication networks - Profiles - Part 3: Functional safety fieldbuses

This part of the IEC 61784-3 series explains some common principles that can be used in the transmission of safety-relevant messages among participants within a distributed network using fieldbus technology in accordance with the requirements of IEC 61508 series2 for functional safety. These principles can be used in various industrial applications such as process control, manufacturing automation and machinery. This part3 and the IEC 61784-3-x parts specify several functional safety communication profiles based on the communication profiles and protocol layers of the fieldbus technologies in IEC 61784-1, IEC 61784-2 and the IEC 61158 series.

Keel en

Asendab EVS-EN 61784-3:2008

prEN 1047-2

Identne prEN 1047-2:2009

Tähtaeg 1.04.2009

Secure storage units - Classification and methods of test for resistance to fire - Part 2: Data rooms and data containers

This Part of the European Standard EN 1047 specifies requirements for data rooms and data containers. It includes a method of test for the determination of the ability of data rooms and data containers to protect temperature and humidity sensitive data media (see 3.5) and hardware systems (see 3.6) from the effects of fire. A test method for measuring the resistance to mechanical stress (impact test) provided by data rooms type B and data containers is also specified.

Keel en

Asendab EVS-EN 1047-2:2000

prEN 15518-1

Identne prEN 15518-1:2009

Tähtaeg 1.04.2009

Winter maintenance equipment - Road weather information systems - Part 1: Global definitions and components

This European Standard defines the "Road Weather Information Systems" (RWIS) concept for public roads and traffic surfaces. This standard applies to the acquisition of data on weather-related road and environment conditions as well as their forecast. This information is typically used for road maintenance and can serve other systems like traffic management, road users information, data models, etc.

Keel en

prEN 15518-2

Identne prEN 15518-2:2009

Tähtaeg 1.04.2009

Winter maintenance equipment - Road weather information systems - Part 2: Road weather - Recommended observation and forecast

This European Standard specifies the frequency, resolution and content of road weather observation and forecast products for a Road Weather Information Systems (RWIS).

Keel en

prEN 15518-3

Identne prEN 15518-3:2009

Tähtaeg 1.04.2009

Winter maintenance equipment - Road weather information systems - Part 3: Requirements on measured values of stationary equipments

This European Standard specifies the terminology and performance requirements for all components of a stationary equipment within a Road Weather Information Systems (RWIS).

Keel en

prEN ISO 17573

Identne prEN ISO 17573:2009

ja identne ISO/DIS 17573:2009

Tähtaeg 1.04.2009

Electronic fee collection - Systems architecture for vehicle related tolling

This Standard defines the architecture of a toll system environment in which a customer with one contract may use a vehicle in a variety of toll domains and with a different toll charger for each domain. Toll systems covered by this Standard may be used for various purposes including road (network) tolling, area tolling, collecting toll for bridges, tunnels, ferries, for access, for parking. From a technical point of view the considered toll systems use electronic equipments on board of a vehicle. From a process point of view the architectural description focuses on fee determination, fee charging, and the associated enforcement measures. The actual collection of the fee, i.e. collecting payments, is not included.

Keel en

Asendab CEN ISO/TS 17573:2003

prEN ISO 19141

Identne prEN ISO 19141:2009

ja identne ISO 19141:2008

Tähtaeg 1.04.2009

Geographic information - Schema for moving features

This International Standard defines a method to describe the geometry of a feature that moves as a rigid body. Such movement has the following characteristics. a) The feature moves within any domain composed of spatial objects as specified in ISO 19107. b) The feature may move along a planned route, but it may deviate from the planned route. c) Motion may be influenced by physical forces, such as orbital, gravitational, or inertial forces. d) Motion of a feature may influence or be influenced by other features, for example: 1) The moving feature might follow a predefined route (e.g. road), perhaps part of a network, and might change routes at known points (e.g. bus stops, waypoints). 2) Two or more moving features may be "pulled" together or pushed apart (e.g. an airplane will be refuelled during flight, a predator detects and tracks a prey, refugee groups join forces). 3) Two or more moving features may be constrained to maintain a given spatial relationship for some period (e.g. tractor and trailer, convoy).

Keel en

45 RAUDTEETEHNIKA**prEN 15877-1**

Identne prEN 15877-1:2009

Tähtaeg 1.04.2009

Railway applications - Marking on railway vehicles - Part 1: Freight wagons

This part of the standard identifies the information required to be marked on freight wagons, or parts of freight wagons, relating to their technical and operational characteristics. It defines the characteristics of these markings, the requirements pertaining to their presentation, their shape and position on a vehicle, and their meaning. Some markings are accompanied with note (s) where appropriate. Tank barrel manufacturers' design criteria, test and product specification plates have not been considered in this European Standard as they are specified in prEN 12561-1:2007 Part 1: "Manufacturers' Tank Identification Plates for Tanks for the Carriage of Dangerous Goods". Dangerous Goods signs have not been considered in this European Standard where fully specified in RID1) (dimensions, colour, location and form). Where markings are not fully specified in RID they are included in this standard.

Keel en

prEN 15892

Identne prEN 15892:2009

Tähtaeg 1.04.2009

Railway applications - Noise Emission - Measurement of noise inside driver's cabs

This European standard specifies a type test method to measure noise levels inside the driving cabs of railway vehicles for assessing compliance with the relevant requirements of the Conventional Rail Noise Technical Specification for Interoperability (TSI) and the High-Speed Rolling Stock TSI. This method is applicable to: - The measurement of noise resulting from the sounding of external warning horns when the vehicle is stationary; - the measurement of noise while the vehicle is running. The method is not applicable to: - The measurement of the noise from internal and external audible devices other than external warning horns; - routine monitoring of the noise exposure of train crew. The test procedures specified in this European Standard are of engineering grade (grade 2) with a precision of ± 2 dB, which is the preferred method for noise declaration purposes, as defined in EN ISO 12001.

Keel en

47 LAEVAEHITUS JA MERE-EHITISED**FprEN ISO 10088**

Identne FprEN ISO 10088:2009

ja identne ISO/FDIS 10088:2009

Tähtaeg 1.04.2009

Small craft - Permanently installed fuel systems

This International Standard specifies the requirements for the design, materials, construction, installation and testing of permanently installed fuel systems as installed for internal combustion engines. It applies to all parts of permanently installed diesel and petrol fuel systems as installed, from the fuel fill opening to the point of connection with the propulsion or auxiliary engine on inboard- and outboard-powered small craft of up to 24 m hull length. Requirements for the design, materials, construction and testing of permanently installed fixed fuel tanks are given in ISO 21487.

Keel en

Asendab EVS-EN ISO 10088:2002

49 LENNUNDUS JA KOSMOSETEHNIKA**FprEN 4071**

Identne FprEN 4071:2009

Tähtaeg 1.04.2009

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

This standard specifies the characteristics of bolts, normal hexagonal head, close tolerance normal shank, short thread, in titanium alloy, aluminium IVD coated. Classification: 1 100 MPa 1) / 425 °C 2)

Keel en

FprEN 4132

Identne FprEN 4132:2009

Tähtaeg 1.04.2009

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

This standard specifies the characteristics of bolts, normal hexagonal head, coarse tolerance normal shank, long thread, in alloy steel, cadmium plated. Classification: 1 100 MPa 1) / 235 °C 2)

Keel en

FprEN 4534-2

Identne FprEN 4534-2:2009

Tähtaeg 1.04.2009

Aerospace series - Bushes, plain in aluminium alloy with self-lubricating liner, elevated load - Part 2: Dimensions and loads - Inch series

This standard specifies the characteristics of plain bushes in aluminium alloy with self-lubricating liner, elevated load for aerospace applications. The bushes are intended for use in fixed or moving parts of the aircraft structure and control mechanisms. They shall be used in the temperature range – 55 °C to 121 °C.

Keel en

FprEN 4535-2

Identne FprEN 4535-2:2009

Tähtaeg 1.04.2009

Aerospace series - Bushes, flanged in aluminium alloy with self-lubricating liner, elevated load - Part 2: Dimensions and loads - Inch series

This standard specifies the characteristics of bushes flanged in aluminium alloy with self-lubricating liner elevated load for aerospace applications. The bushes are intended for use in fixed or moving parts of the aircraft structure and control mechanisms. They shall be used in the temperature range – 55 °C to 121 °C.

Keel en

FprEN 4536-2

Identne FprEN 4536-2:2009

Tähtaeg 1.04.2009

Aerospace series - Bushes, plain in corrosion resisting steel with self-lubricating liner, elevated load - Part 2: Dimensions and loads - Inch series

This standard specifies the characteristics of plain bushes in corrosion resisting steel with self-lubricating liner, elevated load for aerospace applications. The bushes are intended for use in fixed or moving parts of the aircraft structure and control mechanisms. They shall be used in the temperature range – 55 °C to 163 °C.

Keel en

FprEN 4537-2

Identne FprEN 4537-2:2009

Tähtaeg 1.04.2009

Aerospace series - Bushes, flanged in corrosion-resisting steel with self-lubricating liner, elevated load - Part 2: Dimensions and loads - Inch series

This standard specifies the characteristics of flanged bushes in corrosion resisting steel with self-lubricating liner elevated load for aerospace applications. The bushes are intended for use in fixed or moving parts of the aircraft structure and control mechanisms. They shall be used in the temperature range – 55 °C to 163 °C.

Keel en

FprEN 62616

Identne FprEN 62616:2009

ja identne IEC 62616:200X

Tähtaeg 1.04.2009

Maritime navigation and radiocommunication equipment and systems - Bridge navigational watch alarm system (BNWAS) - Performance requirements, methods of testing and required test results

This International Standard specifies the minimum performance requirements, technical characteristics and methods of testing, and required test results, for a bridge navigational watch alarm system (BNWAS) as required by Chapter V of the International Convention for the Safety of Life at Sea (SOLAS), as amended. It takes account of the general requirements given in IMO resolution A.694(17) and is associated with IEC 60945. When a requirement in this standard is different from IEC 60945, the requirement in this standard takes precedence. This standard incorporates the applicable parts of the performance standards included in IMO resolution MSC.128(75).

Keel en

prEN 2755

Identne prEN 2755:2009

Tähtaeg 1.04.2009

Aerospace series - Bearings, spherical plain in corrosion resisting steel with self-lubricating liner - Elevated load at ambient temperature - Technical specification

This standard specifies the required characteristics, inspection and test methods, qualification and acceptance conditions for spherical plain bearings in corrosion resisting steel, with self-lubricating liner, for elevated loads at ambient temperature intended for use in fixed or moving parts of the aircraft structure and control mechanisms. This standard applies whenever referenced.

Keel en

53 TÕSTE- JA TEISALDUS-SEADMED**EN 280:2002/prA2**

Identne EN 280:2001/prA2:2009

Tähtaeg 1.04.2009

Mobiilsed tõstmise tööplatvormid. Kavandamisarvutused. Stabiilsuskriteeriumid. Valmistamine. Ohutus. Hindamised ja katsetused

This European Standard specifies technical safety requirements and measures for all types and sizes of Mobile Elevating Work Platform (MEWP) intended to move persons to working positions where they are carrying out work from the work platform (WP) with the intention that persons are getting on and off the work platform at one defined access position. □ This European Standard is applicable to the structural design calculations and stability criteria, construction, safety examinations and tests before MEWPs are first put into service. It identifies the hazards most frequently arising from the use of MEWPs and describes methods for the elimination or reduction of these hazards.

Keel en

EN 13001-2:2005/prA3

Identne EN 13001-2:2004/prA3:2009

Tähtaeg 1.04.2009

Cranes - General design - Part 2: Load actions

This European Standard is to be used together with Part 1 and Part 3 and as such they specify general conditions, requirements and methods to prevent hazards of cranes by design and theoretical verification. Part 3 is only at pre-drafting stage; the use of Parts 1 and 2 is not conditional to the publication of Part 3.

Keel en

EN 13157:2004/prA1

Identne EN 13157:2004/prA1:2009

Tähtaeg 1.04.2009

Cranes - Safety - Hand powered lifting equipment

This European Standard specifies requirements for the following hand powered lifting equipment defined in clause 3: - Hand chain blocks; - Lever hoists; - Jaw winches; - Hand powered trolleys supporting lifting machines; - Drum winches; - Pulley blocks and deflection pulley. The significant hazards covered by this European Standard are identified in clause 4. This European Standard does not cover hazards related to the lifting of persons.

Keel en

EN 14238:2004/prA1

Identne EN 14238:2004/prA1:2009

Tähtaeg 1.04.2009

Kraanad. Käsitsi kontrollitavad koormuse käsitlemise seadmed

This European Standard specifies requirements for load manipulating devices (herein referred to as manipulators), powered by an energy other than human energy, to assist an operator in the handling of loads. This standard covers the manipulation machine and its load handling device(s), but not the supporting structure.

Keel en

59 TEKSTIILI- JA NAHATEHNOLOOGIA**EN 930:1999/prA2**

Identne EN 930:1997/prA2:2009

Tähtaeg 1.04.2009

Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Masinad eeltöötlemiseks, kõlutustamiseks, läigestamiseks ja servalõikamiseks. Ohutusnõuded

See standard hõlmab masinaid, mis on ette nähtud jalatsite tootmiseks kasutatavate materjalide töötlemiseks: eeltöötlemise, kõlutustamise ja läigestamise automaat- ja käsitsijuhtimisega masinad, servalõikamise automaat- ja käsitsijuhtimisega masinad. See standard ei laiene jalatsiparanduse moodulmasinatele. Standard määrab kindlaks masinate disaini, konstruktsiooni ja töötamisega seotud ohutusnõuded.

Keel en

EN 12044:2005/prA1

Identne EN 12044:2005/prA1:2009

Tähtaeg 1.04.2009

Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Lõikamis- ja augustamismasinad. Ohutusnõuded

This European Standard applies for cutting and punching machines used in the manufacture of footwear, leather and imitation leather goods and other related components.

Keel en

EN 12203:2003/prA1

Identne EN 12203:2003/prA1:2009

Tähtaeg 1.04.2009

Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Jalatsi- ja nahapressid. Ohutusnõuded

This European Standard is applicable to shoe and leather presses (see 3.1) used in the manufacture of footwear, leather and imitation leather goods and other related components. These machines are:- Sole attaching presses (open and closed types); - Sole and insole moulding machines;- Back part moulding machines;- Backer, lining and toe puff attaching presses;- Ironing presses

Keel en

FprEN ISO 1890

Identne FprEN ISO 1890:2009

ja identne ISO/FDIS 1890:2009

Tähtaeg 1.04.2009

Sarruslõng. Keerdumuse määramine

This International Standard specifies a method for the determination of twist in yarns made from textile glass, carbon, aramid or any other reinforcement fibres. The method applies to single yarns (one twist) and to folded or cabled yarns (two or more twists). For folded and cabled yarns, the method is generally applied only to the final twist step. This International Standard is applicable to package-wound yarns. If the measurement is carried out on yarns taken from a beam (or warp) or from a fabric, the result is of an indicative nature only. The method is not applicable to products made from staple fibres.

Keel en

Asendab EVS-EN ISO 1890:2000

prEN ISO 105-C08

Identne prEN ISO 105-C08:2009

ja identne ISO/DIS 105-C08:2009

Tähtaeg 1.04.2009

Textiles - Tests for colour fastness - Part C08: colour fastness to domestic and commercial laundering using a non-phosphate reference detergent incorporating a low temperature bleach activator

This part of ISO 105 specifies methods intended for determining the resistance of the colour of textiles of all kinds and in all forms to domestic or commercial laundering procedures used for normal household articles using a reference detergent incorporating a low temperature bleach activator. The colour loss and staining resulting from desorption and/or abrasive action in one single test closely approximates to one domestic or commercial laundering. This method does not reflect the effect of optical brighteners present in some commercial washing products.

Keel en

Asendab EVS-EN ISO 105-C08:2003

61 RÕIVATÖÖSTUS**EN 930:1999/prA2**

Identne EN 930:1997/prA2:2009

Tähtaeg 1.04.2009

Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Masinad eeltöötlemiseks, kõlutustamiseks, läigestamiseks ja servalõikamiseks. Ohutusnõuded

See standard hõlmab masinaid, mis on ette nähtud jalatsite tootmiseks kasutatavate materjalide töötlemiseks: eeltöötlemise, kõlutustamise ja läigestamise automaat- ja käsitsijuhtimisega masinad, servalõikamise automaat- ja käsitsijuhtimisega masinad. See standard ei laiene jalatsiparanduse moodulmasinatele. Standard määrab kindlaks masinate disaini, konstruktsiooni ja töötamisega seotud ohutusnõuded.

Keel en

EN 931:1999/prA2

Identne EN 931:1997/prA2:2009

Tähtaeg 1.04.2009

Jalatsivalmistusseadmed. Lastingmasinad. Ohutusnõuded

Standard kehtib jalatsitööstuses kasutatavate lastingmasinate kohta. Standard ei kehti granuleeritud termotsementi tootvate lastingmasinate kohta. Standard määrab kindlaks masinate konstruktsiooni, valmistamise ja kasutamise kohta esitatavad ohutusnõuded. Standard ei sisalda spetsiifilisi nõudeid masinate transportimise, töökorda seadmise ja lahtivõtmise kohta. Standard võtab arvesse ettenähtud kasutuse, võimaliku väärkasutuse, komponentide ja süsteemi rikked.

Keel en

EN 12044:2005/prA1

Identne EN 12044:2005/prA1:2009

Tähtaeg 1.04.2009

Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Lõikamis- ja augustamismasinad. Ohutusnõuded

This European Standard applies for cutting and punching machines used in the manufacture of footwear, leather and imitation leather goods and other related components.

Keel en

EN 12203:2003/prA1

Identne EN 12203:2003/prA1:2009

Tähtaeg 1.04.2009

Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Jalatsi- ja nahapressid. Ohutusnõuded

This European Standard is applicable to shoe and leather presses (see 3.1) used in the manufacture of footwear, leather and imitation leather goods and other related components. These machines are:- Sole attaching presses (open and closed types); - Sole and insole moulding machines;- Back part moulding machines;- Backer, lining and toe puff attaching presses;- Ironing presses

Keel en

EN 12387:2005/prA1

Identne EN 12387:2005/prA1:2009

Tähtaeg 1.04.2009

Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Moodulkingade parandamise seadmed. Ohutusnõuded

This document applies to the following machines including their additional equipment intended for the repair of footwear, leather and imitation leather goods as well as for the manufacture and repair of orthopaedic shoes hereafter called "Shoe Repair Machines": - Polishing machines; - Trimming machines; - Scouring machines; - Finishing machines; - Orthopaedic finishing machines; - Heel and sole press; - Activating unit – Adhesive; - Orthopaedic vacuum moulding press; - Orthopaedic presses; - Extraction equipment; - Powered ranging device; - Edge inking or staining machines; - Mechanism for stationary nailing and stapling tools. These machines can be standing alone or combined in a modular system for shoe repairs or the production of orthopaedic shoes including the lasts.

Keel en

EN 12653:2000/prA2

Identne EN 12653:1999/prA2:2009

Tähtaeg 1.04.2009

Jalatsite, nahast ja kunstnahast kaupade valmistamise masinad. Naelutamismasinad. Ohutusnõuded

This standard is applicable to nailing machines used in the footwear manufacturing industry, namely: - heel attaching machines - heel nailing machines - gang nailing machines.

Keel en

prEN ISO 9920

Identne prEN ISO 9920:2009

ja identne ISO 9920:2007 (Corrected version 2008-11-01)

Tähtaeg 1.04.2009

Ergonomics of the thermal environment - Estimation of thermal insulation and water vapour resistance of a clothing ensemble

This International Standard specifies methods for estimating the thermal characteristics (resistance to dry heat loss and evaporative heat loss) in steady-state conditions for a clothing ensemble based on values for known garments, ensembles and textiles. It examines the influence of body movement and air penetration on the thermal insulation and water vapour resistance. This International Standard does not - deal with other effects of clothing, such as adsorption of water, buffering or tactile comfort, - take into account the influence of rain and snow on the thermal characteristics, - consider special protective clothing (water-cooled suits, ventilated suits, heated clothing), or - deal with the separate insulation on different parts of the body and discomfort due to the asymmetry of a clothing ensemble.

Keel en

Asendab EVS-EN ISO 9920:2007

65 PÕLLUMAJANDUS**EN 690:2003/prA1**

Identne EN 690:1994/prA1:2009

Tähtaeg 1.04.2009

Põllumajandusmasinad. Sõnnikulaoturid. Ohutus

Standard määrab kindlaks iga tüüpi sõnnikulaoturite, kaasa arvatud masina taha või küljele paigaldatava sõnnikulaoturi tööorganiga liikurmasinate konstruktsioonile ja tarindusele esitatavad ohutusnõuded ja nõuete kinnituse. Standard kirjeldab meetodeid, kuidas kõrvaldada või vähendada ohte, mille kohta sõnnikulaoturitele kehtivad erinõuded. Standard ei käsitle üldisi, iseäranis masina liikumisega seonduvaid ohte, kaasa arvatud liikurmasinatele omased spetsiifilised ohud.

Keel en

EN 703:2007/prA1

Identne EN 703:2004/prA1:2009

Tähtaeg 1.04.2009

Põllumajandusmasinad. Silo laadimise, segamise ja/või tükeldus- ja jaotusmasinad. Ohutus

Standard on kasutatav koos standardiga EN 1553. Standard esitab üksikasjalikult (spetsifitseerib) ohutusnõuded ja nende kontrollimise viisid üksnes ühe masinajuhiga juhitava ripp-, poolripp-, haake- või liikurmasina kavandamiseks ja konstrueerimiseks, millel on ühitatud kaks või enam järgmist funktsiooni: silo ja/või teiste loomasõötade laadimine, segamine, tükeldamine ja jaotamine. Standard sisaldab nende juurde kuuluvat sisseehitatud laadimiskraanat. Lisaks esitab see näidisteabe tootja poolt ettenähtud ohutute töötamisvõtete kohta (kaasa arvatud jääkriskid).

Keel en

EN 704:2003/prA1

Identne EN 704:1999/prA1:2009

Tähtaeg 1.04.2009

Põllumajandusmasinad. Presskogurid. Ohutus

Standard määrab kindlaks eriomased ohutusnõuded ning nende kontrollimise korra liikur- ja järelhaagitavate presskogurite konstrueerimiseks ja valmistamiseks, sõltumata moodustunud (vormunud) paki (palli) kujust või suuruselt.

Keel en

EN 706:2000/prA1

Identne EN 706:1996/prA1:2009

Tähtaeg 1.04.2009

Põllumajandusmasinad. Viinamarjapõõsaste pügamise masinad. Ohutus

Käesolev standard määrab kindlaks iseliikuvate, külgemonteeritavate või pooleldi külgemonteeritavate, viinamarjapõõsavõsude pügamiseks ettenähtud masinate konstruktsioonile ja tarindusele esitatavad ohutusnõuded ja nõuete kinnituse. Neid liikurmasinaid kasutatakse istandikes samakujulisena (lattvõrestikul) kasvavate viljapuude ja -põõsaste pügamiseks ning muudeks selletaolisteks töödeks.

Keel en

EN 707:2003/prA1

Identne EN 707:1999/prA1:2009

Tähtaeg 1.04.2009

Põllumajandusmasinad. Virtsalaoturid. Ohutus

Standard esitab eriomased ohutusnõuded ja nende kontrollimise korra nii mehaanilise kui ka pneumaatilise käitusega poolripp-, haake- ja liikurvirtsalaoturite projekteerimiseks ja ehitamiseks, kaasa arvatud nende laotus- või sõbastusseadised, mis on mõeldud virtsa (vedelsõnniku, läga) pinnale laotamiseks või mulda sisestamiseks.

Keel en

EN 745:2003/prA1

Identne EN 745:1999/prA1:2009

Tähtaeg 1.04.2009

Põllumajandusmasinad. Püst- ja rõhtrootorniidukid. Ohutus

Standard määrab kindlaks eriomased ohutusnõuded ning nende kontrollimise korra ühe- või mitmekettalise (püstteljelise) lõikeseadisega või ühe rõhtteljelise vasartrummelseadisega ripp-, poolripp-, haake- või liikurniidukite konstrueerimiseks ja valmistamiseks.

Keel en

EN 908:1999/prA1

Identne EN 908:1999/prA1:2009

Tähtaeg 1.04.2009

Põllumajandus- ja metsatöömasinad. Trummelmasinad niisutuseks. Ohutus

This European Standard specifies safety requirements and their verification for the design and construction of reel machines for irrigation including self-propelled machines. It describes methods for elimination or reduction of risks which need specific requirements for reel machines for irrigation. In addition, it specifies the type of information on safe working practices to be provided by the manufacturer.

Keel en

EN 909:1999/prA1

Identne EN 909:1998/prA1:2009

Tähtaeg 1.04.2009

Põllumajandus- ja metsatöömasinad. Ringvihmutid ja küljelt liikuvat tüüpi niisutusmasinad. Ohutus

This standard specifies safety requirements and their verification for the design and construction of centre pivot and moving lateral types irrigation machines that are electrically powered.

Keel en

EN 12965:2007/FprA2

Identne EN 12965:2003/FprA2:2009

Tähtaeg 1.04.2009

Tractors and machinery for agriculture and forestry - Power take-off (PTO) drive shafts and their guards - Strength safety

Standard määrab kindlaks (spetsifitseerib) ohutusnõuded ja nende kontrollimise korra liikurmasinalt (või traktorilt) käitatava masina esimese võlliga ühendavate kardaanvõllide ja nende kaitsete konstrueerimiseks ja valmistamiseks koos erinõudeid vajavate ohtude kõrvaldamise või vähendamise viiside kirjeldamisega. See standard puudutab ainult neid käituskardaanvõlle ja nende kaitseid, mis toetuvad vähemalt kahele laagriale.

Keel en

EN 13118:2006/prA1

Identne EN 13118:2000/prA1:2009

Tähtaeg 1.04.2009

Põllumajandusmasinad. Kartulikoristusmasinad. Ohutus

Standard määrab kindlaks (spetsifitseerib) eriomased (spetsiifilised) ohutusnõuded ning nende kontrollimise korra kartulikoristuse haake-, ripp- või liikurmasinate konstrueerimiseks ja valmistamiseks. Need masinad sooritavad ühe või rohkem alljärgnevaist tööoperatsioonidest: pealsete purustamine, mugulate ülesvõtmine, kogumine, puhastamine, edastamine ja mahalaadimine.

Keel en

EN 14017:2005/prA2

Identne EN 14017:2005/prA2:2009

Tähtaeg 1.04.2009

Põllumajandus- ja metsatöömasinad. Tahke väetise laotamise seadmed. Ohutus

This European Standard, applied together with EN 1553:1999, specifies the safety requirements and their verification for the design and construction of mounted, semi-mounted, trailed or self-propelled fertilizer distributors for solid fertilizer application, i.e. full width solid fertilizer distributors, solid fertilizer broadcasters, distributors with oscillating tube and line-distributors as well as solid fertilizer distributors driven by an auxiliary engine to be used by one operator only, used in agriculture, horticulture and in forestry. In addition, this European Standard specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer. When requirements of this European Standard are different from those which are stated in EN 1553:1999 the requirements of this European Standard take precedence over the requirements of EN 1553:1999 for machines that have been designed and built according to the provisions of this European Standard.

Keel en

FprEN ISO 5983-2

Identne FprEN ISO 5983-2:2009

ja identne ISO/FDIS 5983-2:2009

Tähtaeg 1.04.2009

Animal feeding stuffs - Determination of nitrogen content and calculation of crude protein content - Part 2: Block digestion and steam distillation method

This part of ISO 5983 specifies a method for the determination of nitrogen content of animal feeding stuffs according to the Kjeldahl method, and a method for the calculation of the crude protein content. It is suitable for use as a semi-micro rapid routine method using block digestion, copper catalyst, and steam distillation into boric acid. The method is applicable to the determination of greater than 0,5 % mass fraction Kjeldahl nitrogen in animal feeding stuffs, pet foods, and their raw materials. The method does not measure oxidized forms of nitrogen nor heterocyclic nitrogen compounds. The method does not distinguish between protein nitrogen and non-protein nitrogen.

Keel en

Asendab EVS-EN ISO 5983-2:2005

67 TOIDUAINETE TEHNOLOOGIA**EN 1974:1999/prA1**

Identne EN 1974:1998/prA1:2009

Tähtaeg 1.04.2009

Toidutöötlemismasinad. Viilutamismasinad. Ohutus- ja hügieeninõuded

Käesolev Euroopa standard kirjeldab ohutus- ja hügieeninõudeid selliste viilustamismasinate projekteerimiseks ja valmistamiseks, mis on varustatud üle 150 mm diameetriga elektrilise tsirkulaarse lõiketeraga, edasi-tagasi liikuva toite etteandmisega ning mis on transporditavad. Sellist tüüpi viilustamismasinad on mõeldud kasutamiseks poodides, restoranides, kaubahallides, kohvikutes jne.. Välja on jäetud tööstuslikud viilustajad.

Keel en

EN 12041:2001/prA1

Identne EN 12041:2000/prA1:2009

Tähtaeg 1.04.2009

Toidutöötlemismasinad. Vormimismasinad. Ohutus- ja hügieeninõuded

This standard applies to the design and manufacture of dough moulders of the types described in 3.1, 3.2 and 3.3 and illustrated in figures 3a, 3b and 3c. These moulders are used in the food industry and shops (bread-making, pastry-making, sweet industries, bakeries, confectioners, delicatessens, catering facilities, etc.) for flattening, rolling and elongating pieces of dough.

Keel en

EN 12505:2001/prA1

Identne EN 12505:2000/prA1:2009

Tähtaeg 1.04.2009

Toidutöötlemismasinad. Söögiõlide ja rasvade käitlemise tsentrifuugid. Ohutus- ja hügieeninõuded

This European Standard covers all significant hazards as identified by risk assessment (see EN 1050), which are listed in clause 4 of this standard, relevant to centrifuges for processing edible oils and fats, when they are used as intended and under the conditions foreseen by the manufacturer. It specifies safety and hygiene requirements for the design, manufacture, use, maintenance and cleaning of centrifugal machines.

Keel en

prEN 15890

Identne prEN 15890:2009

Tähtaeg 1.04.2009

Foodstuffs - Determination of patulin in fruit juice and fruit based puree for young children - HPLC method with liquid/liquid partition cleanup and solid phase extraction and UV detection

This European Standard specifies a method for the determination of patulin in fruit juices and fruit based purees such as baby food purees using high performance liquid chromatography (HPLC). The method has been validated for the determination of patulin via the analysis of naturally contaminated and spiked samples in apple juice at levels ranging from 3,0 µg/kg up to 15,5 µg/kg and in baby food based fruit purees at levels ranging from 3,4 µg/kg up to 17,9 µg/kg. Baby food fruit purees used in this study contained mainly the following ingredients: blueberry, apple, banana, lemon, wheat biscuits, wheat syrup, whole milk and vegetable oils as ingredients as commercially available products on the European market. A detailed listing including the fractions of each product used in this study is given in [1].

Keel en

prEN 15891

Identne prEN 15891:2009

Tähtaeg 1.04.2009

Foodstuffs - Determination of deoxynivalenol in cereals, cereal products and cereal based foods for infants and young children - HPLC method with immunoaffinity column cleanup and UV detection

This draft European Standard specifies a method for the determination of deoxynivalenol in cereal based foods for infants and young children by high performance liquid chromatography (HPLC) with immunoaffinity cleanup and UV detection. The method has been validated in a collaborative study for wheat, rice flour, oat flour, maize, polenta, and wheat based breakfast cereal. The method is applicable up to 4 700 µg/kg.

Keel en

prEN ISO 17059

Identne prEN ISO 17059:2009

ja identne ISO 17059:2007

Tähtaeg 1.04.2009

Oilseeds - Extraction of oil and preparation of methyl esters of triglyceride fatty acids for analysis by gas chromatography (Rapid method)

This International Standard specifies a rapid method for extraction of oil and for preparation of the methyl esters of fatty acids. The methyl esters thus obtained can be used for gas chromatography. This International Standard is applicable to the following oilseeds: rape, sunflower, soya beans, mustard, linseed.

Keel en

71 KEEMILINE TEHNOLOOGIA**prEN 973**

Identne prEN 973:2009

Tähtaeg 1.04.2009

Chemicals used for treatment of water intended for human consumption - Sodium chloride for regeneration of ion exchangers

This European Standard is applicable to sodium chloride intended for use only in water treatment apparatus, for the regeneration of ion exchangers, intended for water for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for sodium chloride. It gives information on its use in water treatment.

Keel en

Asendab EVS-EN 973:2002

prEN 15912

Identne prEN 15912:2009

Tähtaeg 1.04.2009

Durability of reaction to fire performances - Classes of fire retardant treated wood-based product in interior and exterior end use applications

This European Standard prescribes the classification requirements for the durability of the reaction to fire performance of fire-retardant treated wood-based products to be used in interior and exterior end use conditions. The products shall initially meet required reaction to fire classification. In addition, products for exterior use shall meet the minimum durability of reaction to fire performance requirements specific to the end use. For interior use, limited hygroscopicity shall be verified. For exterior use, the reaction to fire performance level shall be maintained after accelerated or natural weathering. The requirements are applicable for fire retardant treated (impregnated and/or surface treated) solid wood and wood-based products. The products may be coated. The requirements for interior end use may be applied for all permanent uses of fire retardant treated wood-based products including, eg furniture and fire-retardant treated cellulose and wood-based insulation products. Mechanical properties and biological durability of fire-retardant treated wood products are not covered by this European Standard. This standard may be used as a basis for an approval system.

Keel en

prEN ISO 18416

Identne prEN ISO 18416:2009

ja identne ISO 18416:2007

Tähtaeg 1.04.2009

Cosmetics - Microbiology - Detection of *Candida albicans*

This International Standard gives general guidelines for the detection and identification of the specified microorganism *Candida albicans* in cosmetic products. Microorganisms considered as specified in this International Standard might differ from country to country according to national practices or regulations. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis so as to determine the types of cosmetic product to which this International Standard is applicable. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, those with extreme pH values, etc. The method described in this International Standard is based on the detection of *Candida albicans* in a non-selective liquid medium (enrichment broth), followed by isolation on a selective agar medium. Other methods may be appropriate dependent on the level of detection required.

Keel en

prEN ISO 21148

Identne prEN ISO 21148:2009

ja identne ISO 21148:2005

Tähtaeg 1.04.2009

Cosmetics - Microbiology - General instructions for microbiological examination

This International Standard gives general instructions for carrying out microbiological examinations of cosmetic products, in order to ensure their quality and safety, in accordance with an appropriate risk analysis (e.g. low water activity, hydro-alcoholic, extreme pH values). Because of the large variety of products and potential uses within this field of application, these instructions might not be appropriate for some products in every detail (e.g. certain water-immiscible products).

Keel en

prEN ISO 21149

Identne prEN ISO 21149:2009

ja identne ISO 21149:2006

Tähtaeg 1.04.2009

Cosmetics - Microbiology - Enumeration and detection of aerobic mesophilic bacteria

This International Standard gives general guidelines for enumeration and detection of mesophilic aerobic bacteria present in cosmetics, - by counting the colonies on agar medium after aerobic incubation, or - by checking the absence of bacterial growth after enrichment. Because of the large variety of cosmetic products within this field of application, this method may not be appropriate for some products in every detail (e.g. certain water immiscible products). Other methods (e.g. automated) may be substituted for the tests presented here provided that their equivalence has been demonstrated or the method has been otherwise validated. If needed, microorganisms enumerated or detected may be identified using suitable identification tests described in the standards given in the Bibliography. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis, so as to determine the types of cosmetic products to which this International Standard is applicable. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, extreme pH values, etc.

Keel en

prEN ISO 21150

Identne prEN ISO 21150:2009

ja identne ISO 21150:2006

Tähtaeg 1.04.2009

Cosmetics - Microbiology - Detection of *Escherichia coli*

This International Standard gives general guidelines for the detection and identification of the specified microorganism *Escherichia coli* in cosmetic products. Microorganisms considered as specified in this International Standard might differ from country to country according to national practices or regulations. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis, so as to determine the types of cosmetic products to which this International Standard is applicable. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, extreme pH values, etc. This International Standard specifies a method that is based on the detection of *Escherichia coli* in a non-selective liquid medium (enrichment broth), followed by isolation on a selective agar medium. Other methods may be appropriate depending on the level of detection required.

Keel en

prEN ISO 22717

Identne prEN ISO 22717:2009

ja identne ISO 22717:2006

Tähtaeg 1.04.2009

Cosmetics - Microbiology - Detection of Pseudomonas aeruginosa

This International Standard gives general guidelines for the detection and identification of the specified micro-organism *Pseudomonas aeruginosa* in cosmetic products. Micro-organisms considered as specified in this International Standard might differ from country to country according to national practices or regulations. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis to determine the types of cosmetic product to which this International Standard is applicable. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, extreme pH values, etc. The method described in this International Standard is based on the detection of *Pseudomonas aeruginosa* in a non-selective liquid medium (enrichment broth), followed by isolation on a selective agar medium. Other methods may be appropriate, depending on the level of detection required.

Keel en

prEN ISO 22718

Identne prEN ISO 22718:2009

ja identne ISO 22718:2006

Tähtaeg 1.04.2009

Cosmetics - Microbiology - Detection of Staphylococcus aureus

This International Standard gives general guidelines for the detection and identification of the specified micro-organism *Staphylococcus aureus* in cosmetic products. Micro-organisms considered as specified in this International Standard might differ from country to country according to national practices or regulations. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis to determine the types of cosmetic product to which this International Standard is applicable. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, extreme pH values, etc. The method described in this International Standard is based on the detection of *Staphylococcus aureus* in a non-selective liquid medium (enrichment broth), followed by isolation on a selective agar medium. Other methods may be appropriate dependent on the level of detection required.

Keel en

prEN ISO 24444

Identne prEN ISO 24444:2009

ja identne ISO/DIS 24444:2009

Tähtaeg 1.04.2009

Cosmetics - Sun protection test methods - in vivo determination of SPF (Sun Protection Factor)

This International Standard describes a method for the in vivo determination of the Sun Protection Factor (SPF) of sunscreen products. This standard is applicable to products intended to be placed in contact with human skin including any component able to absorb, reflect or scatter UV rays. It provides a basis for the evaluation of sunscreen products for the protection of human skin against erythema or sunburn induced by solar ultraviolet rays.

Keel en

75 NAFTA JA NAFTATEHNOLOGIA**prEN ISO 28460**

Identne prEN ISO 28460:2009

ja identne ISO/DIS 28460:2009

Tähtaeg 1.04.2009

Petroleum and natural gas industries - Installation and equipment for liquefied natural gas - Ship-to-shore interface and port operations

This International Standard specifies what is required by ship, terminal and port service providers to ensure the safe transit of the LNG carrier through the port area and the safe and efficient transfer of its cargo. It is applicable to: - pilotage and Vessel Traffic Services (VTS) - tug operators; - terminal operators; - ship operators; - suppliers of bunkers, lubricants and stores and other providers of services whilst the LNG carrier is moored alongside the terminal.

Keel en

Asendab EVS-EN 1532:2000

prEN ISO 19906

Identne prEN ISO 19906:2009

ja identne ISO/DIS 19906:2009

Tähtaeg 1.04.2009

Petroleum and natural gas industries - Arctic offshore structures

This International Standard specifies requirements and provides recommendations and guidance for the design, construction, transportation, installation, and removal of offshore structures, related to the activities of the petroleum and natural gas industries, in arctic and cold regions environments. The objective of the document is to ensure that arctic and cold regions offshore structures provide an appropriate level of reliability with respect to personal safety, environmental protection and asset value to the owner, to the industry and to society in general. ISO 19906 does not contain requirements for the operation, maintenance, service-life inspection or repair of arctic offshore structures, except where the design strategy imposes specific requirements (e.g. 17.2.2). While ISO 19906 does not apply specifically to mobile offshore drilling units (see ISO 19905-1), the procedures relating to ice actions and ice management contained herein are applicable to the assessment of such units.

Keel en

79 PUIDUTEHNOLOOGIA**EN 848-3:2007/prA1**

Identne EN 848-3:2007/prA1:2009

Tähtaeg 1.04.2009

Puidutöötlemismasinatate ohutus. Ühepoolised pöörleva lõiketeraga puidutöötluspingid. Osa 3: Arvjuhtimise (NC) puurmasinad ja profiilfreesimismasinad

This document deals with the significant hazards, hazardous situations and events as listed in Clause 4, which are relevant to NC boring machines, NC routing machines and NC combined boring/routing machines (as defined in 3.2.1) herein after referred to as "machines" designed to cut solid wood, chip board, fibreboard, plywood and also these materials where these are covered with plastic laminate or edgings when they are used as intended and under the conditions foreseen by the manufacturer.

Keel en

EN 860:2007/prA1

Identne EN 860:2007/prA1:2009

Tähtaeg 1.04.2009

Puidutöötlemismasinatate ohutus. Ühepoolised paksushöövelpingid

See Euroopa standard määrab kindlaks nõuded ja/või meetmed ohu kõrvaldamiseks ja riski piiramiseks kombineeritud etteandega ühepoolsetel paksushöövelpinkidel (edaspidi nimetatud "masinad"), mis on konstrueeritud täispuidu, puitlaastplaatide, puitkiudplaatide ja vineeri lõiketöötluks ja plastlaminaadi või servaplastiga kaetud samade materjalide lõiketöötluks. See Euroopa standard hõlmab kõiki nende masinatatega seotud ohutegureid.

Keel en

EN 861:2007/prA1

Identne EN 861:2007/prA1:2009

Tähtaeg 1.04.2009

Puidutöötlemismasinatate ohutus. Rihthöövelpingid ja paksushöövelpingid

See Euroopa standard määrab kindlaks nõuded ja/või meetmed ohu kõrvaldamiseks ja riski piiramiseks kombineeritud etteandega rihthöövelpinkidel ja paksushöövelpinkidel (edaspidi nimetatud "masinad"), mis on konstrueeritud täispuidu, puitlaastplaatide, puitkiudplaatide ja vineeri lõiketöötluks ja plastlaminaadi või servaplastiga kaetud samade materjalide lõiketöötluks. See Euroopa standard hõlmab kõiki nende masinatatega seotud ohutegureid.

Keel en

EN 940:1999/prA1

Identne EN 940:1997/prA1:2009

Tähtaeg 1.04.2009

Puidutöötlusmasinatate ohutus. Kombineeritud puidutöötlusmasinad

See Euroopa standard määrab kindlaks nõuded ja/või meetmed ohu kõrvaldamiseks ja riski piiramiseks kombineeritud puidutöötlusmasinatel (kahe või enama elemendi kombinatsioon hööveldamiseks, ketassaega saagimiseks, vertikaalspindliga hööveldamiseks, puurimiseks (soonimiseks), paksushööveldamiseks), edaspidi nimetatud "masinad", mis on konstrueeritud täispuidu, puitlaastplaatide, puitkiudplaatide ja vineeri lõiketöötluks ja plastlaminaadi või servaplastiga kaetud samade materjalide lõiketöötluks. See Euroopa standard hõlmab kõiki nende masinatatega seotud ohutegureid.

Keel en

EN 1218-1:2000/prA1

Identne EN 1218-1:1999/prA1:2009

Tähtaeg 1.04.2009

Puidutöötlemismasinatate ohutus. Tappimismasinad. Osa 1: Ühesisendilised liuglauuga tappimismasinad

This European Standard sets out the requirements and describes the methods for the removal of hazards or the measures that shall be taken to limit the risks on single end tenoning machines equipped with a sliding table, designed to cut solid wood and/or analogous materials.

Keel en

EN 1218-5:2004/prA1

Identne EN 1218-5:2004/prA1:2009

Tähtaeg 1.04.2009

Safety of woodworking machines - Tenoning machines - Part 5: One side profiling machines with fixed table and feed rollers or feed chain

This European Standard specifies the requirements and/or measures to remove the hazards and/or limit the risks on one side profiling machines with fixed table and feed rollers or feed chain hereinafter referred to as "machines", where the loading and unloading is manual and where the maximum work-piece height capacity is 200 mm. The machine is designed to process in one pass one side of solid wood, chip board, fibreboard or plywood and also these materials where they are covered with plastic laminate. The work-piece is fed through the processing units by an integrated feed consisting of rollers or a chain.

Keel en

EN 1807:2000/prA1

Identne EN 1807:1999/prA1:2009

Tähtaeg 1.04.2009

Puidutöötlemismasinade ohutus. Lintsaagimismasinad

This European Standard sets out the requirements and/or measures to remove the hazards and limit the risk on bandsawing machines with either manual or automatic loading and/or unloading (hereinafter referred to as machine) designed to cut solid wood, chipboard, fibreboard, plywood and also these materials where these are covered with plastic laminate or edgings.

Keel en

EN 1870-4:2001/prA1

Identne EN 1870-4:2001/prA1:2009

Tähtaeg 1.04.2009

Puidutöötlemismasinade ohutus. Ketassaagimisseadmed. Osa 4: Lintsaagimismasinad

This European Standard sets out the requirements and/or measures to remove the hazards and limit the risk on multiblade rip sawing machines with manual loading and/or unloading as defined in 3.1, herein after referred to as "machines", designed to cut solid wood, chipboard, fibreboard, plywood and also these materials where they are covered with plastic edging and/or plastic/light alloy laminates.

Keel en

EN 1870-5:2002/prA1

Identne EN 1870-5:2002/prA1:2009

Tähtaeg 1.04.2009

Puidutöötlemismasinade ohutus. Ketassaagimisseadmed. Osa 5: Ketassaepingid/ülallõikamise järkamissaeseadmed

This European Standard specifies the requirements and/or the measures to remove the hazards and limit the risk on circular sawbenches/up-cutting cross-cut sawing machines, hereinafter referred to as machines, designed to cut solid wood, chipboard, fibreboard, plywood and also these materials where they are covered with plastic edging and/or plastic/light alloy laminates. This European Standard does not apply to: hand held woodworking machines or any adaptation permitting their use in a different mode, i.e. bench mounting; machines set up on a bench or a table similar to a bench, which is intended to carry out work in a stationary position, capable of being lifted by one person by hand. This European Standard covers the hazards relevant to these machines as stated in clause 4. For Computer Numerically Controlled (CNC) machines this European Standard does not cover hazards related to Electro-Magnetic Compatibility (EMC). This European Standard is primarily directed at machines which are manufactured after the date of issue of this European Standard.

Keel en

EN 1870-7:2002/prA1

Identne EN 1870-7:2002/prA1:2009

Tähtaeg 1.04.2009

Puidutöötlemismasinade ohutus. Ketassaagimisseadmed. Osa 7: Ühelehelised integreeritud sööturlaua ja käsitsi pealelaadimise/mahalaadimisega palgijärkamisseadmed

This standard sets out the requirements and describes the method for the removal of hazards or, the measures that shall be taken to limit the risks on single blade circular log sawing machines with integrated feed table with manual loading and/or unloading, (hereinafter referred to as machines), designed to cut solid wood.

Keel en

EN 1870-8:2001/prA1

Identne EN 1870-8:2001/prA1:2009

Tähtaeg 1.04.2009

Puidutöötlemismasinade ohutus. Ketassaagimisseadmed. Osa 8: Ühelehelised servalõikuse lõhestamise ketassaagimismasinad mehaanilise saeseadisega ja käsitsi pealelaadimise/mahalaadimisega

This European Standard sets out the requirements and/or measures to remove the hazard and/or limit the risk on single blade edging circular rip sawing machines with power driven saw unit and manual loading and/or unloading, hereinafter referred to as "machines", designed to cut solid wood, fibreboard and plywood.

Keel en

EN 12750:2001/prA1

Identne EN 12750:2001/prA1:2009

Tähtaeg 1.04.2009

Puidutöötlemismasinade ohutus. Neljakandilised vormimismasinad

This European Standard specifies the requirements and/or measures to remove the hazards and limit the risk on four-sided moulding machines with a maximum working width of 350 mm designed to cut solid wood, chipboard, fibreboard, plywood and also these materials where these are covered with plastic laminates or edgings.

Keel en

EN 12779:2005/prA1

Identne EN 12779:2004/prA1:2009

Tähtaeg 1.04.2009

Puidutöötlemismasinade ohutus. Statsionaarsete seadmetega hakise- ja tolmuemaldussüsteemid. Ohutu kasutamine ja ohutusnõuded

This European Standard sets out the safety related performance requirements and specifies the methods for elimination of hazards or the measures that shall be taken to minimise hazards, which cannot be eliminated, on chip and dust extraction systems with fixed installation as defined in 3.1.1 and 3.1.2, for the purpose of this standard, hereinafter referred to as extraction system, connected to woodworking machines, designed to process solid wood, chipboard, fibreboard, plywood and also these materials where these are covered with plastic laminate or edgings. The extraction and conveying system operates pneumatically by vacuum and/or pressure between $\pm 0,3$ bar.

Keel en

prEN 14080

Identne prEN 14080:2009

Tähtaeg 1.04.2009

Timber structures - Glued laminated timber and glued laminated solid timber - Requirements

This European Standard lays down the performance requirements and minimum requirements for the production of glued laminated timber, glued laminated solid timber, glued members made of glulam components and large finger joints in glued laminated timber members for use in buildings and bridges. The requirements will need to be supplemented to take into consideration special production conditions, materials or functional requirements. This European standard is applicable for glued laminated timber made of certain listed coniferous timber species or poplar consisting of two or more lamellas having a thickness between 6 mm and 45 mm. This European standard is applicable for glued laminated solid timber made of certain listed coniferous timber species or poplar consisting of two or three lamellas having a thickness greater than 45 mm and less than or equal 85 mm. The maximum height of the glued laminated solid timber is 240 mm, the maximum width 280 mm. This European Standard is applicable for glued members made of glulam-components having solid rectangular cross sections. The specifications of this European standard are valid for large finger joints in glued laminated timber members with a finger length of at least 45 mm. This European Standard lays down the requirements for glued members produced from untreated timber or from timber treated against biological attack. Glued members treated with fire retardants are not covered.

Keel en

Asendab EVS-EN 14080:2005

81 KLAASI- JA KERAAMIKA-TÖÖSTUS**EN 13035-3:2003/prA1**

Identne EN 13035-3:2003/prA1:2009

Tähtaeg 1.04.2009

Masinad ja jaamad lehtklaasi valmistamiseks ja töötlemiseks. Ohutusnõuded. Osa 3: Lõikamismasinad

This standard contains the requirements for safety for the design and installation of machines with one movable bridge for cutting of flat glass, which operate by scoring of the glass placed on a horizontal support. This standard covers the transport of the glass on the machine

Keel en

prEN 843-6

Identne prEN 843-6:2009

Tähtaeg 1.04.2009

Advanced technical ceramics - Mechanical properties of monolithic ceramics at room temperature - Part 6: Guidance for fractographic investigation

This Part of EN 843 contains guidelines to be adopted when evaluating the appearance of the fracture surface of an advanced technical ceramic. The purpose in undertaking this procedure can be various, for example, for material development or quality assessment, to identify normal or abnormal causes of failure, or as a design aid.

Keel en

Asendab CEN/TS 843-6:2004

83 KUMMI- JA PLASTITÖÖSTUS**FprEN 62562**

Identne FprEN 62562:2009

ja identne IEC 62562:200X

Tähtaeg 1.04.2009

Cavity resonator method to measure the complex permittivity of low-loss dielectric plates

The object of this document is to describe a measurement method of dielectric properties in the planer direction of dielectric plate at microwave frequency. This method is called a cavity resonator method. It has been created in order to develop new materials and to design microwave active and passive devices for which standardization of measurement methods of material properties is more and more important. This method has the following characteristics: • the relative permittivity ϵ' and loss tangent $\delta \tan$ values of a dielectric plate sample can be measured accurately and nondestructively; • temperature dependence of complex permittivity can be measured; • the measurement accuracy is within 0,3% for ϵ' and within 5×10^{-6} for $\delta \tan$; • fringing effect is corrected using correction charts calculated on the basis of rigorous analysis.

Keel en

prEN ISO 844

Identne prEN ISO 844:2009

ja identne ISO 844:2007

Tähtaeg 1.04.2009

Rigid cellular plastics - Determination of compression properties

This International Standard specifies a method of determining a) the compressive strength and corresponding relative deformation or b) the compressive stress at 10 % relative deformation and c) when desired, the compressive modulus of rigid cellular plastics.

Keel en

prEN ISO 845

Identne prEN ISO 845:2009

ja identne ISO 845:2006

Tähtaeg 1.04.2009

Poorplastid ja -kummid. Näivtiheduse määramine

This International Standard specifies a method for determining the apparent overall density and the apparent core density of cellular plastics and rubbers. If the material to be tested includes skins formed during a moulding/extrusion, the apparent overall density or the apparent core density, or both, can be determined. If the material does not have skins formed during moulding, the term "overall density" is not applicable. For shaped materials, a different method such as buoyancy method may be used.

Keel en

Asendab EVS-EN ISO 845:2000

prEN ISO 14855-2

Identne prEN ISO 14855-2:2009

ja identne ISO 14855-2:2007

Tähtaeg 1.04.2009

Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions - Method by analysis of evolved carbon dioxide - Part 2: Gravimetric measurement of carbon dioxide evolved in a laboratory-scale test

This part of ISO 14855 specifies a method for determining the ultimate aerobic biodegradability of plastic materials under controlled composting conditions by gravimetric measurement of the amount of carbon dioxide evolved. The method is designed to yield an optimum rate of biodegradation by adjusting the humidity, aeration and temperature of the composting vessel. The method applies to the following materials: - natural and/or synthetic polymers and copolymers, and mixtures of these; - plastic materials that contain additives such as plasticizers or colorants; - water-soluble polymers; - materials that, under the test conditions, do not inhibit the activity of micro-organisms present in the inoculum. If the test material inhibits micro-organisms in the inoculum, another type of mature compost or pre-exposure compost can be used.

Keel en

prEN ISO 22088-5

Identne prEN ISO 22088-5:2009

ja identne ISO 22088-5:2006

Tähtaeg 1.04.2009

Plastics - Determination of resistance to environmental stress cracking (ESC) - Part 5: Constant tensile deformation method

This part of ISO 22088 specifies a method for the determination of the environmental stress cracking (ESC) behaviour of thermoplastics when they are subjected to a constant tensile deformation in the presence of a chemical medium. It is applicable to test specimens prepared by moulding and/or machining and can be used for the assessment of the ESC behaviour of plastic materials exposed to different environments, as well as for the determination of the ESC behaviour of different plastic materials exposed to a specific environment. This is essentially a ranking test and is not intended to provide data to be used for design or performance prediction.

Keel en

prEN ISO 22088-6

Identne prEN ISO 22088-6:2009

ja identne ISO 22088-6:2006

Tähtaeg 1.04.2009

Plastics - Determination of resistance to environmental stress cracking (ESC) - Part 6: Slow strain rate method

This part of ISO 22088 describes a procedure for assessing the environmental stress cracking (ESC) susceptibility of polymeric materials in chemical environments by slowly increasing the strain applied to a tensile specimen at a constant rate. It is applicable to test specimens prepared by moulding and/or machining and can be used to assess the relative ESC susceptibility of a material exposed to different environments or the relative ESC susceptibility of different plastics exposed to a specific environment. This is essentially a ranking test and is not intended for the provision of design data. The principle advantage of the test compared with the test methods described in Parts 2 to 5 of ISO 22088 is the rapidity with which the ESC susceptibility of a particular polymer/environment combination can be assessed.

Keel en

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS**EN 1953:1999/prA1**

Identne EN 1953:1998/prA1:2009

Tähtaeg 1.04.2009

Kattematerjalide pihustus- ja pritsimisvarustus. Ohutusnõuded

See Euroopa standard määrab kindlaks pritsimisvarustuse konstrueerimise ja valmistamise vedelate, pastataoliste (pooltahkete) ja pulbriliste kattematerjalide käsitsi ja automaatseks pealekandmiseks. Käsiarustuse tunnuseks on käeshoitavus, automaatvarustust juhatakse abisignaalidega ning see on kas jäigalt kinnitatud või paigaldatud automaatseadmetele, nagu näiteks robotid või edasitagasi liikuvad või pöörlevad seadmed.

Keel en

EN 12215:2005/prA1

Identne EN 12215:2004/prA1:2009

Tähtaeg 1.04.2009

Pindamisseadmed. Pihustuskambrid orgaaniliste vedelate kattematerjalide pealekandmiseks. Ohutusnõuded

This European Standard is applicable to spray booths as well as multizone spray booths for the application of organic liquid coating materials (paints, varnishes...), and deals with all significant hazards relevant to spray booths or multizone spray booths, when they are used as intended and under the conditions foreseen by the manufacturer (see clause 4).

Keel en

91 EHITUSMATERJALID JA EHITUS**EN 81-1:1999/prA3**

Identne EN 81-1:1998/prA3:2009

Tähtaeg 1.04.2009

Safety rules for the construction and installation of lifts - Part 1: Electric lifts

See standard määrab kindlaks ohutuseeskirjad, mis kehtivad selliste statsionaarselt paigaldatud uute elektriliftide valmistamise ja paigaldamise kohta, millel on tõmbe- või sundajam, mis teenindavad kindlaid sisenemis- ja väljumistasandeid, millel on inimeste veoks või kauba- ja inimeste veoks kohandatud kabiin, mis on riputatud trosside või kettide otsa, ning mis liiguvad juhtrööbaste vahel, mille kalle vertikaali suhtes ei ületa 15°.

Keel en

EN 1837:1999/prA1

Identne EN 1837:1999/prA1:2009

Tähtaeg 1.04.2009

Masinate ohutus. Masinate tervikvalgustus

This standard specifies the parameters of integral lighting systems designed to provide illumination in and/or at both stationary and mobile machines to enable the safe use of the machine and the efficient performance of the visual task within and/or at the machine to be carried out. This standard does not specify lighting systems mounted on the machine to specifically illuminate visual tasks outside the machine. The function and requirements of these systems are specified in the European Standard dealing with the lighting of work places. This European Standard is under preparation. This standard does not establish additional requirements for the operation of lighting systems - in severe conditions (extreme environmental conditions such as freezer applications, high temperatures, etc.); - subject to special rules (e.g. explosive atmospheres); - where the transmittance is reduced by environmental conditions, such as smoke, splashing etc.

Keel en

prEN 31

Identne prEN 31:2009

Tähtaeg 1.04.2009

Wash basins - Connecting dimensions

This European Standard specifies the connecting dimensions of wash basins regardless of materials used for their manufacture.

NOTE 1 Other connecting dimensions are permitted, e.g. special designs of wash basins, if the manufacturer supplies or recommends the appropriate fitting. NOTE 2 The shape of the appliance in the figures is for illustration only; it is in no way prejudices the final shape of the appliance, which is left to the initiative of the manufacturer.

Keel en

Asendab EVS-EN 111:2003; EVS-EN 31:2000; EVS-EN 32:2000

prEN 33

Identne prEN 33:2009

Tähtaeg 1.04.2009

WC pans and WC suites - Connecting dimensions

This European Standard specifies the connecting dimensions of WC pans and WC suites regardless of the materials used for their manufacture. This standard does not apply to siphonic action WC pans and WC suites. NOTE Only the dimensions are compulsory. The shape of the appliance in the figures is for illustration only; it in no way prejudices the final shape of the appliance, which is left to the initiative of the manufacturer.

Keel en

Asendab EVS-EN 33:2003; EVS-EN 34:2000; EVS-EN 37:2001; EVS-EN 38:2000

prEN 81-21

Identne prEN 81-21:2009

Tähtaeg 1.04.2009

Liftide valmistamise ja paigaldamise ohutuseeskirjad. Inimeste ja kauba transpordi liftid. Osa 21: Olemasolevatesse hoonetesse paigaldatavad uued inimeste ja kauba transpordi liftid

This European Standard specifies the safety rules related to new passenger- and goods/passenger lifts permanently installed in existing buildings where in some circumstances due to limitations enforced by building constraints, some requirements of EN 81-1 and EN 81-2 cannot be met (see also 3rd sentence of Introduction). This European Standard addresses a number of these constraints and gives requirements for alternative solutions. It shall be read and applied in conjunction with the European Standards EN 81-1 or EN 81-2 and their amendments A1:2005 and A2:2004, including their Clause 0. This European Standard covers: -

Either the construction and installation of one or more complete new lift(s) in an existing building; or - The replacement of one or more existing lift(s) by new ones in existing well(s) and machinery spaces. This European Standard does not cover: - Replacement or modifications of some parts to a lift already installed; - Other applications outside of the scope of EN 81-1 or EN 81-2.

Keel en

prEN 115-2

Identne prEN 115-2:2009

Tähtaeg 1.04.2009

Safety of escalators and moving walks - Part 2: Rules for the improvement of safety of existing escalators and moving walks

1.1 This European Standard gives rules for improving the safety of existing escalators and moving walks with the aim of reaching an equivalent level of safety to that of a newly installed escalator and moving walk by the application of today's state of the art for safety. NOTE Due to situations such as the existing machine or building designs, it may not be possible in all cases to reach today's state of the art for safety. Nevertheless the objective is to improve the level of safety wherever possible. 1.2 This standard includes the improvement of safety of existing escalators and moving walks for: a) users; b) maintenance and inspection personnel; c) persons outside the escalator or moving walk (but in their immediate vicinity); d) authorised persons. 1.3 This standard is not applicable to: a) safety during transport, installation, repairs and dismantling of escalators and moving walks; b) spiral escalators; c) accelerating moving walks. However, this standard can usefully be taken as a reference basis.

Keel en

prEN 934-3

Identne prEN 934-3:2009

Tähtaeg 1.04.2009

Betooni ja mördi keemilised lisandid. Osa 3: Müürimördi keemilised lisandid. Määratlused, nõuded, vastavus ja märgistus

This European Standard defines and specifies the requirements and conformity criteria for admixtures for use in cement based masonry mortar. It covers two types of admixtures, long term retarding and air entraining/plasticising which are used in ready-mixed and site made masonry mortars. Provisions for the use of admixtures for masonry mortar are not part of this European Standard but are covered by EN 998-1 and EN 998-2.

Keel en

Asendab EVS-EN 934-3:2005

prEN 13941

Identne prEN 13941:2009

Tähtaeg 1.04.2009

Eelisooleeritud seotud kaugküttetorustike projekteerimine ja paigaldamine

Käesolev Euroopa standard määratleb eeskirjad sooja vee maa-aluste jaotus- ja edastusvõrkude eelisooleeritud seotud torustike projekteerimise, arvutamise ja paigaldamise jaoks (vt joonis 2) standardile EN 253 vastavate torusõlmede abil pidevaks tööks sooja vee mitmesuguse temperatuuri juures kuni 120 °C, lühiajaliselt tipptemperatuuriga kuni 140 °C ning maksimaalse siserõhuga 25 baari (ülerõhk).

Keel en

Asendab EVS-EN 13941:2006

prEN 15001-1

Identne prEN 15001-1:2009

Tähtaeg 1.04.2009

Gas Infrastructure - Gas installation pipework with an operating pressure greater than 0,5 bar for industrial installations and greater than 5 bar for industrial and non-industrial installations - Part 1: Detailed functional requirements for design, materials, construction, inspection and testing

This standard specifies detailed functional requirements for the design, selection of materials, construction, inspection and testing of - industrial gas installation pipework and assemblies with an operating pressure greater than 0,5 bar, and - non-industrial gas installation pipework (residential and commercial) with an operating pressure greater than 5 bar in buildings, starting from the outlet of the network operator's point of delivery up to the inlet connection to the gas appliance; normally the inlet isolation valve. This standard also covers the inlet connection to the gas appliance comprising of the pipework that does not fall within the scope of the appliance standard.

Keel en

prEN 15643-1

Identne prEN 15643-1:2009

Tähtaeg 1.04.2009

Sustainability of Construction Works - Assessment of Buildings Part 1: General Framework

This European Standard provides the general principles and requirements, expressed through a suite of standards, for the sustainability assessment of buildings in terms of environmental performance, social performance and economic performance taking into account technical characteristics and functionality of a building. The framework applies to all types of buildings, both new and existing, and it is relevant for the assessment of the environmental, social and economic performance of new buildings over their entire life cycle, and of existing buildings undergoing refurbishment, renewal or extension, to the end of their life.

Keel en

prEN 15643-2

Identne prEN 15643-2:2009

Tähtaeg 1.04.2009

Sustainability of construction works - Sustainability assessment of buildings - Part 2: Framework for the assessment of environmental performance

This European Standard provides the specific principles and requirements, expressed through a suite of standards, for the assessment of environmental performance of buildings in terms of quantitative environmental aspects and impacts, taking into account technical characteristics and functionality of a building. Assessment of environmental performance is one aspect of sustainability assessment of buildings under the general framework of prEN 15643-1.

Keel en

prEN 15900

Identne prEN 15900:2009

Tähtaeg 1.04.2009

Energy efficiency services - Definitions and essential requirements

This standard specifies the definitions and minimum requirements for an energy efficiency service.

Keel en

prEN ISO 11925-2

Identne prEN ISO 11925-2:2009

ja identne ISO/DIS 11925-2:2009

Tähtaeg 1.04.2009

Tuletundlikkuse katsed. Ehitusmaterjalide süttivustundlikkus kokkupuutel otsese leegiga. Osa 2: Väikese leegi katse

This International Standard specifies a method of test for determining the ignitability of products by direct small flame impingement under zero impressed irradiance using specimens tested in a vertical orientation. The products that melt and shrink away from the flame without being ignited may be addressed by the additional procedure given in annex A. Information on the precision of the test method is given in annex B.

Keel en

Asendab EVS-EN ISO 11925-2:2007

97 OLME. MEELELAHUTUS. SPORT**EN 71-1:2005/FprA9**

Identne EN 71-1:2005/FprA9:2009

Tähtaeg 1.04.2009

Mänguasjade ohutus. Osa 1: Mehaanilised ja füüsilised omadused

This European Standard specifies requirements and methods of tests for mechanical and physical properties of toys. This European Standard applies to toys for children, toys being any product or material designed or clearly intended for use in play by children of less than 14 years. It refers to new toys taking into account the period of foreseeable and normal use, and that the toys are used as intended or in a foreseeable way, bearing in mind the normal behaviour of children. It includes specific requirements for toys intended for children under 36 months and for children who are too young to sit up unaided. For the purpose of this European Standard, soft-filled toys with simple features intended for holding and cuddling are considered as toys intended for children under 36 months. This European Standard also specifies requirements for packaging, marking and labelling. This European Standard does not cover musical instruments, sports equipment or similar items but does include their toy counterparts.

Keel en

EN 60335-2-60:2003/FprAA

Identne EN 60335-2-60:2003/FprAA:2009

Tähtaeg 29.04.2009

Household and similar electrical appliances - Safety - Part 2-60: Particular requirements for whirlpool baths and whirlpool spas

This standard deals with the safety of electric whirlpool baths for indoor use, for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard also applies to appliances for circulating air or water in conventional baths.

Keel en

FprEN 60335-2-4/FprAA

Identne FprEN 60335-2-4:2008/FprAA:2009

Tähtaeg 1.04.2009

Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors

This International Standard deals with the safety of – stand alone electric spin extractors, and – spin extractors incorporated in washing machines that have separate containers for washing and spin extraction for household and similar purposes that have a capacity not exceeding 10 kg of dry cloth and a drum peripheral speed not exceeding 50 m/s, their rated voltages being not more than 250 V for single-phase appliances and 480 V for other appliances. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as spin extractors intended to be used by laymen in shops, in light industry and on farms, and spin extractors for communal use in blocks of flats or in launderettes are within the scope of this standard.

Keel en

FprEN 60335-2-7/FprAA

Identne FprEN 60335-2-7:2008/FprAA:2009

Tähtaeg 1.03.2010

Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric washing machines for household and similar use, that are intended for washing clothes and textiles, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard also deals with the safety of electric washing machines for household and similar use employing an electrolyte instead of detergent. Additional requirements for these appliances are given in Annex CC. NOTE 101 Guidance is given in Annex DD for requirements that may be used to ensure an acceptable level of protection against electrical and thermal hazards for washing machines fitted with a power driven wringer. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. NOTE 102 Examples of such appliances are washing machines for communal use in blocks of flats or in launderettes. As far as is practicable, this standard deals with the common hazards presented by washing machines that are encountered by all persons in and around the home. However, in general, it does not take into account – persons (including children) whose • physical, sensory or mental capabilities; or • lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; – children playing with the appliance. NOTE 103 Attention is drawn to the fact that – for washing machines intended to be used in vehicles or on board ships or aircraft, additional requirements may be necessary; – in many countries additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour, the national water supply authorities and similar authorities. NOTE 104 This standard does not apply to – washing machines intended exclusively for industrial purposes (ISO 10472-2); – appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas).

Keel en

prEN 71-4

Identne prEN 71-4:2009

Tähtaeg 1.04.2009

Mänguasjade ohutus. Osa 4: Katsekomplektid keemiakatseteks ja samalaadseks tegevuseks

This part of the European Standard EN 71 specifies requirements for the maximum amount of certain substances and preparations used in experimental sets for chemistry and related activities. These substances and preparations are - chemicals classified as dangerous by the Directives on dangerous substances [1] and dangerous preparations [2] (including substances which have been self-classified according to the requirements of these Directives), - substances and preparations which in excessive amounts may harm the health of the children using them but which are not classified as dangerous by the above mentioned Directives and - any other chemical substances and preparations delivered with the toy. This standard applies to chemistry sets and supplementary sets. It also covers toys for experiments within the fields of mineralogy, biology, physics, microscopy and environmental science whenever they contain one or more chemical substances and/or preparations. It also specifies requirements for marking, contents list, instructions for use and for equipment intended for carrying out the experiments. Other chemical toys are specified in EN 71-5.

Keel en

Asendab EVS-EN 71-4:1999

EN ISO 16409:2006/prA1

Identne EN ISO 16409:2006/prA1:2009

ja identne ISO 16409:2006/DAM 1:2009

Tähtaeg 1.04.2009

Stomatoloogia. Suuhügieenitooted. Käsi-hambaharjad hambavahede (hammaskarniisi) puhastamiseks

This International Standard specifies requirements and test methods for performance criteria for manual interdental brushes with a round cross-section of the brush head. It also specifies the accompanying information, such as the manufacturer's instructions for use and labelling of the packaging.

Keel en