

## 01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

### 01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

#### **FprEN ISO 14050**

Identne FprEN ISO 14050:2009

ja identne ISO 14050:2009

Tähtaeg 1.03.2010

#### **Environmental management - Vocabulary**

This International Standard defines terms of fundamental concepts related to environmental management, published in the ISO 14000 series of International Standards.

Keel en

#### **prEN 13710**

Identne prEN 13710:2009

Tähtaeg 1.03.2010

#### **European Ordering Rules - Ordering of characters from Latin, Greek, Cyrillic, Georgian and Armenian scripts**

This European Standard specifies the order between two character strings composed of characters from the Modern European Scripts (MES) collection of ISO/IEC 10646:2003 or subsets of it.

Keel en

#### **prEN 16016-1**

Identne prEN 16016-1:2009

Tähtaeg 1.03.2010

#### **Non destructive testing - Radiation method - Computed tomography - Part 1: Terminology**

This European Standard defines terms used in the field of tomography. This document contains not only tomography-specific terms but also other more generic terms spanning imaging and radiography. The definitions for some of these terms feature a discussion point to refocus the term in the more specific context of computed tomography.

Keel en

#### **prEN 16018**

Identne prEN 16018:2009

Tähtaeg 1.03.2010

#### **Non-destructive testing - Terminology - Terms used in ultrasonic testing with phased arrays**

This European Standard defines terms used in ultrasonic testing with phased arrays.

Keel en

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

#### **prEN ISO 11354-1**

Identne prEN ISO 11354-1:2009

ja identne ISO/DIS 11354-1:2009

Tähtaeg 1.03.2010

#### **Advanced automation technologies and their applications - Part 1: Framework for enterprise interoperability**

This part of ISO 11354 specifies - viewpoints for addressing stakeholder concerns for the operational levels of enterprises at which interoperability is required and - a framework for structuring these stakeholder concerns (business, process, services, data), the barriers relating to enterprise interoperability (conceptual, technology, organizational), the various kinds of solutions available and the approaches (integrated, unified, federated) to overcome barriers to interoperability. This part of ISO 11354 does not specify the specific mechanisms for the exchange of entities, nor the manner in which interoperability solutions are implemented.

Keel en

#### **prEN ISO 12855**

Identne prEN ISO 12855:2009

ja identne ISO/DIS 12855:2009

Tähtaeg 1.03.2010

#### **Electronic fee collection - Information exchange between service provision and toll charging**

The scope for the present standard covers: - EFC systems for vehicle related transport services, e.g. road user charging, parking and access control. The standard does not cover Electronic Fare Collection systems for Public Transport. It should be noted that an EFC system may include any electronic fee collection system, e.g. also systems automatically reading licence plate numbers of vehicles passing a charging point. - Exchange of information between Service Provision and Toll Charging between the Back End systems of EFC systems, e.g. - Charging Data - Administrative Data - Confirmation Data - Transfer mechanisms and supporting functions - Information objects, data syntax and semantics - Examples of data interchanges

Keel en

**FprEN ISO/IEC 17050-1**

Identne FprEN ISO/IEC 17050-1:2009

ja identne ISO/IEC 17050-1:2004

Tähtaeg 1.03.2010

**Vastavushindamine. Tarnija vastavusavaldus. Osa 1: Üldnõuded**

This part of ISO/IEC 17050 specifies general requirements for a supplier's declaration of conformity in cases where it is desirable, or necessary, that conformity of an object to the specified requirements be attested, irrespective of the sector involved. For the purposes of this part of ISO/IEC 17050, the object of a declaration of conformity can be a product, process, management system, person or body. This part of ISO/IEC 17050 does not define any particular object for the declaration of conformity. Instead of "supplier's declaration of conformity", the term "declaration of conformity" can be used when appropriate.

Keel en

Asendab FprEN ISO/IEC 17050-1

## **11 TERVISEHOOLDUS**

**EN 1789:2008/FprA1**

Identne EN 1789:2007/FprA1:2009

Tähtaeg 1.03.2010

**Meditsiinis kasutatavad liiklusvahendid ja nende varustus. Kiirabiautod**

This European Standard specifies requirements for the design, testing, performance and equipping of road ambulances used for the transport and care of patients. It contains requirements for the patient's compartment. This European Standard does not cover the requirements for approval and registration of the vehicle and the training of the staff which is the responsibility of the authority/authorities in the country where the ambulance is to be registered. This European Standard is applicable to road ambulances capable of transporting at least one person on a stretcher. Requirements are specified for categories of road ambulances based in increasing order of the level of treatment that can be carried out. These are the patient transport ambulance (types A1 A2), the emergency ambulance (type B) and the mobile intensive care unit (type C). This European Standard gives general requirements for medical devices carried in road ambulances and used therein and outside hospitals and clinics in situations where the ambient conditions can differ from normal indoor conditions.

Keel en

**FprEN 14139**

Identne FprEN 14139:2009

Tähtaeg 1.03.2010

**Ophthalmic optics - Specifications for ready-to-wear spectacles**

This European Standard specifies the minimum requirements for complete ready-to-wear spectacles. These are not intended for regular use without the approval of an eye-care professional.

Keel en

Asendab EVS-EN 14139:2002; EVS-EN 14139:2002/AC:2006

**prEN 13727**

Identne prEN 13727:2009

Tähtaeg 1.03.2010

**Keemilised desinfectioonivahendid ja antiseptikumid. Kvantitatiivne suspensioontest meditsiini valdkonnas kasutatava desinfektandi bakteritsiidse toime määramiseks. Katsemeetod ja nõuded (2.faaas, 1.etapp)**

This European Standard specifies a test method and the minimum requirements for bactericidal activity of chemical disinfectant products that form a homogeneous, physically stable preparation when diluted with hard water - or in the case of ready-to-use products - with water. Products can only be tested at a concentration of 80 % or less as some dilution is always produced by adding the test organisms and interfering substance

Keel en

Asendab EVS-EN 13727:2004

**prEN ISO 3107**

Identne prEN ISO 3107:2009

ja identne ISO/DIS 3107:2009

Tähtaeg 1.03.2010

**Dentistry - Zinc oxide/eugenol and zinc oxide/non-eugenol cements**

This International Standard covers non-water-based zinc oxide/eugenol cements suitable for use in restorative dentistry for temporary cementation, for bases and as temporary restorations. This International Standard also covers non-eugenol cements containing zinc oxide and aromatic oils suitable for temporary cementation.

Keel en

Asendab EVS-EN ISO 3107:2004

**prEN ISO 8598-1**

Identne prEN ISO 8598-1:2009  
ja identne ISO/DIS 8598-1:2009  
Tähtaeg 1.03.2010

**Optics and optical instruments - Focimeters - Part 1: General purpose instruments**

General purpose focimeters are intended for measurement of contact lenses, single-vision, multifocal and progressive-power spectacle lenses, both uncut and mounted in spectacle frames, and for the orientation and marking of spectacle lenses. This International Standard applies to instruments typically intended for use by the ophthalmic community, with the capability to demonstrate conformity of lens products with the International Standards existing for these lenses. This part of ISO 8598 specifies requirements and test methods for general purpose focimeters designed for the measurement of vertex powers, cylinder axis, prismatic power and prism base setting at a specified point of a lens within the area defined by the size of the focimeter aperture. This excludes instruments that can only measure the whole lens at once.

Keel en

Asendab EVS-EN ISO 8598:1999

**prEN ISO 23640**

Identne prEN ISO 23640:2009  
ja identne ISO/DIS 23640:2009  
Tähtaeg 1.03.2010

**In vitro diagnostic medical devices - Stability testing of in vitro diagnostic reagents**

This International Standard is applicable to the stability testing of in vitro diagnostic medical devices, including reagents, calibrators, control materials, diluents, buffers and reagent kits., hereinafter called IVD reagents. It can also be applied to specimen collection devices that contain substances used to preserve specimens or to initiate reactions for further processing of the specimen in the collection device. It specifies general requirements for stability testing and gives specific requirements for real-time testing and accelerated testing when generating data in the

Keel en

**13 KESKKONNA- JA TERVISEKAITSE. OHUTUS****EN ISO 14021:2002/prA1**

Identne EN ISO 14021:2001/prA1:2009  
ja identne ISO 14021:1999/DAM 1:2009  
Tähtaeg 1.03.2010

**Keskkonnamärgised- ja teatised. Isedeklareeritavad keskkonnaväited (II tüüpi keskkonnamärgistamine)**

Käesolev rahvusvaheline standard määrab kindlaks toodete puhul keskkonnaväidete, sh seletuste, sümbolite ja graafika nõuded. Lisaks kirjeldab standard keskkonnaväidetes üldiselt kasutatavaid mõisteid ja määratleb nende kasutuse. Samuti kirjeldab käesolev rahvusvaheline standard isedeklareeritavate keskkonnaväidete üldist hindamis- ja tõendamismetoodikat ning käesoleva standardi valitud väidete eri hindamis- ja tõendamismeetodeid. Käesolev rahvusvaheline standard ei välista, asenda ega muuda mingil viisil seadusjärgselt nõutavat keskkonnateavet, -nõudeid või -märgistamist või mis tahes muid kohaldatavaid õiguslikke nõudeid.

Keel en

**FprEN 894-4**

Identne FprEN 894-4:2009  
Tähtaeg 1.03.2010

**Masinaohutus. Kuvarite ja juhtseadiste konstruktsiooni ergonoomianõuded. Osa 4: Kuva- ja juhtseadiste paigutus ja järjestus**

This European Standard contains ergonomic requirements for the location and arrangement of displays and control actuators in order to avoid hazards associated with their use. This European Standard applies to displays and control actuators for machinery and other interactive equipment (e.g. devices and installations, instrument panels, control and monitoring consoles). This European Standard is not applicable to the location and arrangement of displays and control actuators which are manufactured before the date of its publication as EN.

Keel en

**FprHD 60364-5-52/FprAA**

Identne FprHD 60364-5-52:2009/FprAA:2009  
Tähtaeg 1.03.2010

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

Part 5-52 of IEC 60364 deals with the selection and erection of wiring systems.

Keel en

**FprEN ISO 14050**

Identne FprEN ISO 14050:2009  
ja identne ISO 14050:2009  
Tähtaeg 1.03.2010

**Environmental management - Vocabulary**

This International Standard defines terms of fundamental concepts related to environmental management, published in the ISO 14000 series of International Standards.

Keel en

**FprEN ISO 14063**

Identne FprEN ISO 14063:2009

ja identne ISO 14063:2006

Tähtaeg 1.03.2010

**Environmental management - Environmental communication - Guidelines and examples**

This International Standard gives guidance to an organization on general principles, policy, strategy and activities relating to both internal and external environmental communication. It utilizes proven and well-established approaches for communication, adapted to the specific conditions that exist in environmental communication. It is applicable to all organizations regardless of their size, type, location, structure, activities, products and services, and whether or not they have an environmental management system in place. This International Standard is not intended for use as a specification standard for certification or registration purposes or for the establishment of any other environmental management system conformity requirements. It can be used in combination with any of the ISO 14000 series of standards, or on its own.

Keel en

**prEN 13922**

Identne EN 13922:2003

Tähtaeg 1.03.2010

**Tanks for transport of dangerous goods - Service equipment for tanks - Overfill prevention systems for liquid fuels**

This European Standard specifies the following points regarding the minimum requirements for an overfill prevention system: - functions; - major components; - characteristics; - test methods. This European Standard is applicable to overfill prevention systems for liquid fuels having a flash point up to but not exceeding 100 °C, excluding liquefied petroleum gas (LPG). The requirements apply to overfill prevention systems suitable for use at ambient temperatures in the range from -20 °C to +50 °C, subjected to normal operational pressure variations.

Keel en

Asendab EVS-EN 13922:2003

**prEN 16020**

Identne prEN 16020:2009

Tähtaeg 1.03.2010

**Explosion diverters**

This standard specifies the basic design of a pipe-in-pipe diverter and the testing requirements and the application of explosion diverters. The standard also specifies methods for assessing the efficacy of explosion diverters. An explosion diverter is used to divert explosions propagating through ducts. When designed correctly the device will prevent flame jet ignition and pressure piling in connected protected enclosures. It will reduce the risk of flame transmission. The standard covers: - a test method for assessing the efficacy of explosion diverters; - design rules for a type of pipe-in-pipe diverter; - demands to venting device on diverter; - installation requirements; - maintenance requirements; - marking. This standard considers dust/air explosive atmospheres only.

Keel en

**prEN 16023**

Identne prEN 16023:2009

Tähtaeg 1.03.2010

**Characterization of waste - Determination of calorific value**

This European Standard specifies a method for the determination of the gross calorific value of liquid or solid waste at constant volume and at the reference temperature 25 °C in a bomb calorimeter calibrated by combustion of certified benzoic acid. The result obtained is the gross calorific value of the sample at constant volume with both the water of the combustion products and the moisture of the waste as liquid water. In practice, waste are burned at constant (atmospheric) pressure and the water is not condensed but is removed as vapour with the flue gases. Under these conditions, the operative heat of combustion to be used is the net calorific value of the fuel at constant pressure. In this European Standard the net calorific value at constant volume is described as it requires less additional determinations but still gives fit for purpose accuracy. This method is applicable to all kinds of waste.

Keel en

**prEN 16027**

Identne prEN 16027:2009

Tähtaeg 1.03.2010

**Protective clothing - Gloves with protective effect for association football goal keepers**

This document applies to gloves for goal keepers for association football ( in the following text just " gloves for goal keepers") which provide due to their construction a protective effect against injuries of the hand or parts of it.

Keel en

**prEN 50543**

Identne prEN 50543:2009  
Tähtaeg 1.03.2010

**Electronic portable and transportable apparatus designed to detect and measure carbon dioxide and/or carbon monoxide in indoor ambient air - Requirements and test methods**

This European Standard specifies requirements for the construction, testing and performance of electronic portable and transportable apparatus for the detection and measurement of carbon dioxide (CO<sub>2</sub>) and/or carbon monoxide (CO) in indoor ambient air, which includes air entering mechanical ventilation systems in domestic residential, commercial and industrial premises and public buildings. This European Standard includes indoor air quality apparatus with CO and CO<sub>2</sub> measuring capabilities. This European Standard excludes: • apparatus used in workplace atmospheres for the direct detection and direct concentration measurement of toxic gases and vapours (i.e. conforming to EN 45544); • electronic portable combustion gas analysers (i.e. conforming to EN 50379).

Keel en

**prEN ISO 4126-1**

Identne prEN ISO 4126-1:2009  
ja identne ISO/DIS 4126-1:2009  
Tähtaeg 1.03.2010

**Ohutusseadmed kaitseks ülerõhu eest. Osa 1: Kaitseklapid**

This part of this Standard specifies general requirements for safety valves irrespective of the fluid for which they are designed. It is applicable to safety valves having a flow diameter of 4 mm and above which are for use at set pressures of 0,1 bar gauge and above. No limitation is placed on temperature. This is a product standard and is not concerned with applications for safety valves.

Keel en

Asendab EVS-EN ISO 4126-1:2004

**prEN ISO 4126-4**

Identne prEN ISO 4126-4:2009  
ja identne ISO/DIS 4126-4:2009  
Tähtaeg 1.03.2010

**Ohutusseadmed kaitseks ülerõhu eest. Osa 4: Piloodi poolt juhitud kaitseklapid**

This part of this Standard specifies general requirements for pilot operated safety valves, irrespective of the fluid for which they are designed. In all cases, the operation is carried out by the fluid in the system to be protected. It is applicable to pilot operated safety valves having a valve flow diameter of 6 mm and above which are for use at set pressures of 0,1 bar gauge and above. No limitation is placed on temperature. This is a product standard and it is not concerned with applications for pilot operated safety valves.

Keel en

Asendab EVS-EN ISO 4126-4:2004

**prEN ISO 4126-5**

Identne prEN ISO 4126-5:2009  
ja identne ISO/DIS 4126-5:2009  
Tähtaeg 1.03.2010

**Ohutusseadmed kaitseks ülerõhu eest. Osa 5: Juhitud rõhuvabastuse kaitse süsteemid (CSPRS)**

This part of this European Standard specifies the requirements for Controlled Safety Pressure Relief Systems irrespective of the fluid for which they are designed. It is applicable for main valves having a flow diameter of 6 mm and above which are for use at pressures of 0,1 bar gauge and above. No limitation is placed on temperature. This is a product standard and is not concerned with applications.

Keel en

Asendab EVS-EN ISO 4126-5:2004; EVS-EN ISO 4126-5:2004/AC:2008

**prEN ISO 4126-7**

Identne prEN ISO 4126-7:2009  
ja identne ISO/DIS 4126-7:2009  
Tähtaeg 1.03.2010

**Safety devices for protection against excessive pressure - Part 7: Common data**

This international Standard contains information which is common to more than one of the parts of this standard to avoid unnecessary repetition. This part is referenced in the other parts of this standard where appropriate.

Keel en

Asendab EVS-EN ISO 4126-7:2004; EVS-EN ISO 4126-7:2004/AC:2008

**prEN ISO 12863**

Identne prEN ISO 12863:2009  
ja identne ISO/DIS 12863:2009  
Tähtaeg 1.03.2010

**Standard test method for measuring the ignition propensity of cigarettes**

This International Standard provides a standard measure of the capability of a cigarette, positioned on one of three standard substrates, to generate sufficient heat to continue burning, and thus potentially cause ignition of bedding or upholstered furniture, or whether the cigarette extinguishes. This standard is applicable to factory-made cigarettes that burn along the length of a tobacco column. This is a performance-based standard; it does not prescribe any design features of the cigarette that might lead to improved or degraded performance in the test method. The output of this method has been correlated with the potential for cigarettes to ignite upholstered furniture.

Keel en

**prEN ISO 26800**

Identne prEN ISO 26800:2009  
ja identne ISO/DIS 26800:2009  
Tähtaeg 1.03.2010

**Ergonomics - General approach, principles and concepts**

ISO/DIS 26800 describes the general ergonomics approach and specifies basic ergonomics principles and concepts. These are applicable to the design and evaluation of tasks, jobs, products, tools, equipment, systems, organizations, services, facilities and environments in order to make them compatible with the characteristics, needs and values, abilities and limitations of people. The guidance provided in this standard is intended to improve the safety, performance, effectiveness, efficiency, reliability, availability and maintainability of the design outcome throughout its life cycle while safeguarding and enhancing the health, well-being and satisfaction of those involved or affected. The intended users of ISO/DIS 26800 are designers, ergonomists and project managers, as well as managers, workers, consumers (or their representatives) and procurers. It also serves as a reference standard for standards developers dealing with ergonomics aspects. This standard provides the basis for other, more detailed, context-specific ergonomics standards, examples of which are referenced.

Keel en

**prEN ISO 28802**

Identne prEN ISO 28802:2009  
ja identne ISO/DIS 28802:2009  
Tähtaeg 1.03.2010

**Ergonomics of the physical environment - Assessment by means of an environmental survey involving physical measurement of the environment and subjective responses of people**

The aim of the standard is to provide a standard environmental survey method for the assessment of the comfort and well-being of occupants of indoor and outdoor environments. It is not restricted to any particular environment but provides the general principles that allow assessment and evaluation. The standard applies to built environments as well as to other environments, including vehicle environments and outdoor environments. There may be specific features of certain types of environment that have to be taken into account, however the general principles outlined in this standard will apply. The standard applies to all occupants of environments who can be considered to provide valid responses to an environmental survey. The standard presents the principles of conducting an environmental survey to assess the comfort and well-being of people in environments. It involves guidance on the design of the survey as well as guidance on environmental measurements to quantify the environment and subjective assessment methods to quantify the occupants' responses to that environment.

Keel en

**19 KATSETAMINE****prEN 16016-1**

Identne prEN 16016-1:2009  
Tähtaeg 1.03.2010

**Non destructive testing - Radiation method - Computed tomography - Part 1: Terminology**

This European Standard defines terms used in the field of tomography. This document contains not only tomography-specific terms but also other more generic terms spanning imaging and radiography. The definitions for some of these terms feature a discussion point to refocus the term in the more specific context of computed tomography.

Keel en

**prEN 16016-2**

Identne prEN 16016-2:2009  
Tähtaeg 1.03.2010

**Non destructive testing - Radiation method - Computed tomography - Part 2: Principle, equipment and samples**

This part gives the general principles of computed tomography (CT). It describes the equipment used and basic considerations of sample, materials and geometry.

Keel en

**prEN 16016-3**

Identne prEN 16016-3:2009

Tähtaeg 1.03.2010

**Non destructive testing - Radiation Methods - Computed Tomography - Part 3: Operation and interpretation**

This part gives the user an outline of the operation of a CT system, and the interpretation of the results. It will provide the user with technical information to select suitable parameters.

Keel en

**prEN 16016-4**

Identne prEN 16016-4:2009

Tähtaeg 1.03.2010

**Non destructive testing - Radiation Methods - Computed Tomography - Part 4: Qualification**

This part describes guidelines for the qualification of the performance of a CT system with respect to various inspection tasks.

Keel en

**prEN 16018**

Identne prEN 16018:2009

Tähtaeg 1.03.2010

**Non-destructive testing - Terminology - Terms used in ultrasonic testing with phased arrays**

This European Standard defines terms used in ultrasonic testing with phased arrays.

Keel en

**21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD****prEN ISO 1483**

Identne prEN ISO 1483:2009

ja identne ISO/DIS 1483:2009

Tähtaeg 1.03.2010

**Soonega (pool)peitpea-plekikruvid**

This International Standard specifies the characteristics of slotted raised countersunk (oval) head tapping screws with thread sizes from ST 2,2 to ST 9,5 inclusive.

Keel en

Asendab EVS-EN ISO 1483:1999

**prEN ISO 1207**

Identne prEN ISO 1207:2009

ja identne ISO/DIS 1207:2009

Tähtaeg 1.03.2010

**Soonega silinderpeakruvid. Tooteklass A**

This International Standard specifies the characteristics of slotted cheese head screws of product grade A and with threads from M1,6 to M10 inclusive. If, in special cases, specifications other than those listed in this International Standard are required, they should be selected from existing International Standards, for example ISO 261, ISO 888, ISO 898-1, ISO 965-2, ISO 3506-1, ISO 4759-1.

Keel en

Asendab EVS-EN ISO 1207:1999

**prEN ISO 1479**

Identne EN ISO 1479:1994

ja identne ISO 1479:1983

Tähtaeg 1.03.2010

**Kuuskantpea-plekikruvid**

This International Standard specifies the characteristics of hexagon head tapping screws with thread sizes from ST 2,2 to ST 9,5 inclusive.

Keel en

Asendab EVS-EN ISO 1479:1999

**prEN ISO 1481**

Identne prEN ISO 1481:2009

ja identne ISO/DIS 1481:2009

Tähtaeg 1.03.2010

**Soonega lamekoonuspea-plekikruvid**

This International Standard specifies the characteristics of slotted pan head tapping screws with thread sizes from ST 2,2 to ST 9,5 inclusive.

Keel en

Asendab EVS-EN ISO 1481:1999

### **prEN ISO 1482**

Identne prEN ISO 1482:2009  
ja identne ISO/DIS 1482:2009  
Tähtaeg 1.03.2010

### **Soonega (lame)peitpea-plekikruvid (tavaline peakuju)**

This International Standard specifies the characteristics of slotted countersunk (flat) head tapping screws with thread sizes from ST 2,2 to ST 9,5 inclusive.

Keel en

### **prEN ISO 2702**

Identne prEN ISO 2702:2009  
ja identne ISO/DIS 2702:2009  
Tähtaeg 1.03.2010

### **Termotöödeldud terasest plekikruvid. Mehaanilised omadused**

This International Standard specifies the characteristics of heat-treated steel tapping screws, with tapping screw thread from ST2,2 to ST9,5 inclusive in accordance with ISO 1478, together with the corresponding test methods.

Keel en

Asendab EVS-EN ISO 2702:1999

### **prEN ISO 7049**

Identne prEN ISO 7049:2009  
ja identne ISO/DIS 7049:2009  
Tähtaeg 1.03.2010

### **Ristsüvendiga lamekoonuspea-plekikruvid**

This International Standard specifies the characteristics of cross recessed pan head tapping screws with thread sizes from ST 2,2 to ST 9,5 inclusive.

Keel en

### **prEN ISO 7050**

Identne prEN ISO 7050:2009  
ja identne ISO/DIS 7050:2009  
Tähtaeg 1.03.2010

### **Ristsüvendiga (lame)peitpea-plekikruvid**

This International Standard specifies the characteristics of cross recessed countersunk (flat) head tapping screws with thread sizes from ST 2,2 to ST 9,5 inclusive.

Keel en

Asendab EVS-EN ISO 7050:1999

### **prEN ISO 7051**

Identne prEN ISO 7051:2009  
ja identne ISO/DIS 7051:2009  
Tähtaeg 1.03.2010

### **Ristsüvendiga (pool)peitpea-plekikruvid**

This International Standard specifies the characteristics of cross recessed raised countersunk (oval) head tapping screws with thread sizes from ST 2,2 to ST 9,5 inclusive.

Keel en

Asendab EVS-EN ISO 7051:1999

### **prEN ISO 7053**

Identne prEN ISO 7053:2009  
ja identne ISO/DIS 7053:2009  
Tähtaeg 1.03.2010

### **Hexagon washer head tapping screws**

This International Standard specifies hexagon washer head tapping screws with thread sizes from ST 2,2 to ST 8 inclusive.

Keel en

### **prEN ISO 7380-2**

Identne prEN ISO 7380-2:2009  
ja identne ISO/DIS 7380-2:2009  
Tähtaeg 1.03.2010

### **Hexagon socket button head screws - Part 2: Button head with collar (head shape B)**

This International Standard specifies the characteristics of hexagon socket button head screws with collar with threads from M3 up to and including M16, with product grade A.

Keel en

Asendab EVS-EN ISO 7380:2004

**prEN ISO 7380-1**

Identne prEN ISO 7380-1:2009  
ja identne ISO/DIS 7380-1:2009  
Tähtaeg 1.03.2010

**Hexagon socket button head screws - Part 1: Button head (head shape A)**

This International Standard specifies the characteristics of hexagon socket button head screws with threads from M3 up to and including M16, with product grade A.

Keel en  
Asendab EVS-EN ISO 7380:2004

**prEN ISO 4766**

Identne prEN ISO 4766:2009  
ja identne ISO/DIS 4766:2009  
Tähtaeg 1.03.2010

**Soone ja lameotsakuga seadekrugi**

This International Standard specifies the characteristics of slotted set screws with flat point and thread sizes from M1,2 to M12 inclusive and product grade A. If other specifications are required, it is recommended that they should be selected from existing International Standards, for example ISO 261, ISO 888, ISO 898-5, ISO 965-2, ISO 3506-3, ISO 4759-1.

Keel en  
Asendab EVS-EN 24766:1999

**23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD****EN 13445-5:2009/prA1**

Identne EN 13445-5:2009/prA1:2009  
Tähtaeg 1.03.2010

**Leekkuumutusega surveanumad. Osa 5: Kontroll ja katsetamine**

This Part of this European Standard specifies the inspection and testing of individual and serially produced pressure vessels made of steels in accordance with EN 13445-2 subject to predominantly non\_cyclic operation (i.e. vessels operating below 500 full equivalent pressure cycles).

Keel en

**EN 13445-5:2009/prA2**

Identne EN 13445-5:2009/prA2:2009  
Tähtaeg 1.03.2010

**Leekkuumutusega surveanumad. Osa 5: Kontroll ja katsetamine**

This Part of this European Standard specifies the inspection and testing of individual and serially produced pressure vessels made of steels in accordance with EN 13445-2 subject to predominantly non\_cyclic operation (i.e. vessels operating below 500 full equivalent pressure cycles).

Keel en

**prEN 13922**

Identne EN 13922:2003  
Tähtaeg 1.03.2010

**Tanks for transport of dangerous goods - Service equipment for tanks - Overfill prevention systems for liquid fuels**

This European Standard specifies the following points regarding the minimum requirements for an overfill prevention system: - functions; - major components; - characteristics; - test methods. This European Standard is applicable to overfill prevention systems for liquid fuels having a flash point up to but not exceeding 100 °C, excluding liquefied petroleum gas (LPG). The requirements apply to overfill prevention systems suitable for use at ambient temperatures in the range from -20 °C to +50 °C, subjected to normal operational pressure variations.

Keel en  
Asendab EVS-EN 13922:2003

**prEN 15969-2**

Identne prEN 15969-2:2009  
Tähtaeg 1.03.2010

**Tanks for transport of dangerous goods - Digital interface for the data transfer between tank vehicle and with stationary facilities - Part 2: Commercial and logistic data**

This European Standard describes the data structure needed for tour management, scheduling orders of measured and unmeasured products online to the truck. Processed orders are transferred back to the host in the office at once or later every time the truck is online. It specifies the transfer of commercial and logistic data between transport vehicle equipment, on board computer of the tank vehicle and stationary facilities for all communication channels between these parties.

Keel en

### prEN ISO 11118

Identne prEN ISO 11118:2009  
ja identne ISO/DIS 11118:2009  
Tähtaeg 1.03.2010

#### **Gas cylinders - Non-refillable metallic gas cylinders - Specification and test methods**

This International Standard specifies minimum requirements for the material, design, inspections, construction and workmanship, manufacturing processes and tests at manufacture of non-refillable metallic gas cylinders of welded, brazed or seamless construction for compressed, liquefied and dissolved gases exposed to extreme worldwide ambient temperatures

Keel en

## 25 TOOTMISTEHNOLLOOGIA

### FprEN ISO 17635

Identne FprEN ISO 17635:2009  
ja identne ISO/FDIS 17635:2009  
Tähtaeg 1.03.2010

#### **Keevisõmbluste mittepurustav kontrollimine. Üldjuhised metalsete materjalide kohta**

This International Standard gives guidelines for the choice of non-destructive testing (NDT) methods for welds and evaluation of the results for quality control purposes, based on quality requirements, material, weld thickness, welding process, and extent of testing. This International Standard also specifies general rules and standards to be applied to the different types of testing, for either the methodology or the acceptance level for metallic materials. Acceptance levels cannot be a direct interpretation of the quality levels defined in ISO 5817 or ISO 10042. They are linked to the overall quality of the produced batch of welds. Requirements for acceptance levels for NDT comply with quality levels stated in ISO 5817 or ISO 10042 (moderate, intermediate, stringent) only on a general basis and not in detail for each indication. Annex A gives correlations between quality, NDT and acceptance level standards. Annex B gives an overview of the standards linked to quality levels, acceptance levels, and NDT methods.

Keel en

Asendab EVS-EN 12062:1999; EVS-EN 12062:1999/A1:2002; EVS-EN 12062:1999/A2:2004

## 29 ELEKTROTEHNIKA

### EN 60061-3:2001/FprA43

Identne EN 60061-3:1993/FprA43:2009  
ja identne IEC 60061-3:1969/A43:200X  
Tähtaeg 1.03.2010

#### **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

## 33 SIDETEHNIKA

### EN 300 468 V1.11.1

ja identne EN 300 468 V1.11.1  
Tähtaeg 19.02.2010

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

Keel en

### EN 300 113-1 V1.6.2

ja identne EN 300 113-1 V1.6.2  
Tähtaeg 15.02.2010

#### **Electromagnetic compatibility and Radio spectrum Matters (ERM);Land mobile service;Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector;Part 1: Technical characteristics and methods of measurement**

Keel en

### EN 300 113-2 V1.4.2

ja identne EN 300 113-2 V1.4.2  
Tähtaeg 16.02.2010

#### **Electromagnetic compatibility and Radio spectrum Matters (ERM);Land mobile service;Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector;Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive**

Keel en

### EN 300 119-3 V2.2.2

ja identne EN 300 119-3 V2.2.2  
Tähtaeg 16.02.2010

#### **Environmental Engineering (EE);European telecommunication standard for equipment practice;Part 3: Engineering requirements for miscellaneous racks and cabinets**

Keel en

**EN 300 220-1 V2.3.1**

ja identne EN 300 220-1 V2.3.1

Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Short Range Devices (SRD);Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW;Part 1: Technical characteristics and test methods**

Keel en

**EN 300 220-2 V2.3.1**

ja identne EN 300 220-2 V2.3.1

Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Short Range Devices (SRD);Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW;Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive**

Keel en

**EN 300 330-1 V1.7.1**

ja identne EN 300 330-1 V1.7.1

Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Short Range Devices (SRD);Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz;Part 1: Technical characteristics and test methods**

Keel en

**EN 300 330-2 V1.5.1**

ja identne EN 300 330-2 V1.5.1

Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Short Range Devices (SRD);Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz;Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 300 338-1 V1.3.1**

ja identne EN 300 338-1 V1.3.1

Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service;Part 1: Common requirements**

Keel en

**EN 300 338-2 V1.3.1**

ja identne EN 300 338-2 V1.3.1

Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service;Part 2: Class A/B DSC**

Keel en

**EN 300 338-3 V1.1.1**

ja identne EN 300 338-3 V1.1.1

Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service;Part 3: Class D DSC**

Keel en

**EN 300 338-4 V1.1.1**

ja identne EN 300 338-4 V1.1.1

Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service;Part 4: Class E DSC**

Keel en

**EN 300 373-2 V1.2.1**

ja identne EN 300 373-2 V1.2.1

Tähtaeg 16.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Maritime mobile transmitters and receivers for use in the MF and HF bands;Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive**

Keel en

**EN 300 373-3 V1.2.1**

ja identne EN 300 373-3 V1.2.1  
Tähtaeg 16.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Maritime mobile transmitters and receivers for use in the MF and HF bands;Part 3: Harmonized EN covering essential requirements under article 3.3(e) of the R&TTE Directive;Equipment with integrated or associated equipment for Class E Digital Selective Calling (DSC)**

Keel E

**EN 300 676-2 V1.4.1**

ja identne EN 300 676-2 V1.4.1  
Tähtaeg 16.02.2010

**Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers for the VHF aeronautical mobile service using amplitude modulation;Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 301 166-1 V1.3.2**

ja identne EN 301 166-1 V1.3.2  
Tähtaeg 16.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Land Mobile Service;Radio equipment for analogue and/or digital communication (speech and/or data) and operating on narrow band channels and having an antenna connector;Part 1: Technical characteristics and methods of measurement**

Keel EN

**EN 301 166-2 V1.2.3**

ja identne EN 301 166-2 V1.2.3  
Tähtaeg 16.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Land Mobile Service;Radio equipment for analogue and/or digital communication (speech and/or data) and operating on narrow band channels and having an antenna connector;Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 301 649 V2.1.0**

ja identne EN 301 649 V2.1.0  
Tähtaeg 19.02.2010

**Digital Enhanced Cordless Telecommunications (DECT);DECT Packet Radio Service (DPRS)**

Keel en

**EN 301 908-1 V4.1.2**

ja identne EN 301 908-1 V4.1.2  
Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 1: Harmonized EN for IMT-2000, introduction and common requirements, covering the essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 301 908-2 V4.1.2**

ja identne EN 301 908-2 V4.1.2  
Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 2: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD and E-UTRA FDD) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 301 908-3 V4.1.2**

ja identne EN 301 908-3 V4.1.2  
Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 3: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD and E-UTRA FDD) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 301 908-4 V4.1.2**

ja identne EN 301 908-4 V4.1.2  
Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 4: Harmonized EN for IMT-2000, CDMA Multi-Carrier (cdma2000) and Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 301 908-5 V4.1.2**

ja identne EN 301 908-5 V4.1.2  
Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 5: Harmonized EN for IMT-2000, CDMA Multi-Carrier (cdma2000) and Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 301 908-6 V4.1.2**

ja identne EN 301 908-6 V4.1.2  
Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 6: Harmonized EN for IMT-2000, CDMA TDD (UTRA TDD and E-UTRA TDD) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 301 908-7 V4.1.2**

ja identne EN 301 908-7 V4.1.2  
Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 7: Harmonized EN for IMT-2000, CDMA TDD (UTRA TDD and E-UTRA TDD) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 301 908-11 V4.1.2**

ja identne EN 301 908-11 V4.1.2  
Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 11: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD and E-UTRA FDD) (Repeaters) covering the essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 301 908-12 V4.1.2**

ja identne EN 301 908-12 V4.1.2  
Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 12: Harmonized EN for IMT-2000, CDMA Multi-Carrier (cdma2000) (Repeaters) covering the essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 301 908-13 V4.1.2**

ja identne EN 301 908-13 V4.1.2  
Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 13: Harmonized EN for IMT-2000, Evolved Universal Terrestrial Radio Access (E-UTRA) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 301 908-14 V4.1.2**

ja identne EN 301 908-14 V4.1.2  
Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 14: Harmonized EN for IMT-2000, Evolved Universal Terrestrial Radio Access (E-UTRA) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 301 908-15 V4.1.2**

ja identne EN 301 908-15 V4.1.2  
Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 15: Harmonized EN for IMT-2000, Evolved Universal Terrestrial Radio Access (E-UTRA) (FDD Repeaters) covering the essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 301 908-16 V4.1.2**

ja identne EN 301 908-16 V4.1.2

Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 16: Harmonized EN for IMT-2000, Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 301 908-17 V4.1.2**

ja identne EN 301 908-17 V4.1.2

Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 17: Harmonized EN for IMT-2000, Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 302 208-1 V1.3.1**

ja identne EN 302 208-1 V1.3.1

Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W;Part 1: Technical requirements and methods of measurement**

Keel en

**EN 302 208-2 V1.3.1**

ja identne EN 302 208-2 V1.3.1

Tähtaeg 19.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W;Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 302 217-1 V1.3.1**

ja identne EN 302 217-1 V1.3.1

Tähtaeg 16.02.2010

**Fixed Radio Systems;Characteristics and requirements for point-to-point equipment and antennas;Part 1: Overview and system-independent common characteristics**

Keel en

**EN 302 217-2-1 V1.3.1**

ja identne EN 302 217-2-1 V1.3.1

Tähtaeg 16.02.2010

**Fixed Radio Systems;Characteristics and requirements for point-to-point equipment and antennas;Part 2-1: System-dependent requirements for digital systems operating in frequency bands where frequency co-ordination is applied**

Keel en

**EN 302 217-2-2 V1.3.1**

ja identne EN 302 217-2-2 V1.3.1

Tähtaeg 16.02.2010

**Fixed Radio Systems;Characteristics and requirements for point-to-point equipment and antennas;Part 2-2: Digital systems operating in frequency bands where frequency co-ordination is applied;Harmonized EN covering the essential requirements of Article 3.2 of the R&TTE Directive**

Keel en

**EN 302 217-4-1 V1.4.1**

ja identne EN 302 217-4-1 V1.4.1

Tähtaeg 16.02.2010

**Fixed Radio Systems;Characteristics and requirements for point-to-point equipment and antennas;Part 4-1: System-dependent requirements for antennas**

Keel en

**EN 302 217-4-2 V1.5.1**

ja identne EN 302 217-4-2 V1.5.1

Tähtaeg 16.02.2010

**Fixed Radio Systems;Characteristics and requirements for point-to-point equipment and antennas;Part 4-2: Antennas;Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 302 550-1-1 V1.1.0**

ja identne EN 302 550-1-1 V1.1.0

Tähtaeg 19.02.2010

**Satellite Earth Stations and Systems (SES);Satellite Digital Radio (SDR) Systems;Part 1: Physical Layer of the Radio Interface;Sub-part 1: Outer Physical Layer**

Keel en

**EN 302 550-1-2 V1.1.0**

ja identne EN 302 550-1-2 V1.1.0

Tähtaeg 19.02.2010

**Satellite Earth Stations and Systems (SES);Satellite Digital Radio (SDR) Systems;Part 1: Physical Layer of the Radio Interface;Sub-part 2: Inner Physical Layer Single Carrier Modulation**

Keel en

**EN 302 550-1-3 V1.1.0**

ja identne EN 302 550-1-3 V1.1.0

Tähtaeg 19.02.2010

**Satellite Earth Stations and Systems (SES);Satellite Digital Radio (SDR) Systems;Part 1: Physical Layer of the Radio Interface;Sub-part 3: Inner Physical Layer Multi Carrier Modulation**

Keel en

**EN 302 561 V1.2.1**

ja identne EN 302 561 V1.2.1

Tähtaeg 16.02.2010

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Land Mobile Service;Radio equipment using constant or non-constant envelope modulation operating in a channel bandwidth of 25 kHz, 50 kHz, 100 kHz or 150 kHz;Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 302 977 V1.1.1**

ja identne EN 302 977 V1.1.1

Tähtaeg 19.02.2010

**Satellite Earth Stations and Systems (SES);Harmonized EN for Vehicle-Mounted Earth Stations (VMES) operating in the 14/12 GHz frequency bands covering the essential requirements of article 3.2 of the R&TTE directive**

Keel en

**35 INFOTEHNOLOOGIA. KONTORISEADMED****prEN 13710**

Identne prEN 13710:2009

Tähtaeg 1.03.2010

**European Ordering Rules - Ordering of characters from Latin, Greek, Cyrillic, Georgian and Armenian scripts**

This European Standard specifies the order between two character strings composed of characters from the Modern European Scripts (MES) collection of ISO/IEC 10646:2003 or subsets of it.

Keel en

**prEN 15876-2**

Identne prEN 15876-2:2009

Tähtaeg 1.03.2010

**Electronic fee collection - Conformity evaluation of on-board unit and roadside equipment to EN 15509 - Part 2: Abstract test suite**

This document contains the Abstract Test Suites (ATS) to evaluate the conformity of On Board Units (OBU) and Roadside Equipment (RSE) to EN 15509. The objective of the present document is to provide a basis for conformance tests for DSRC equipment (on board units and roadside units) to enable interoperability between different equipment supplied by different manufacturers.

Keel en

**prEN ISO 11354-1**

Identne prEN ISO 11354-1:2009

ja identne ISO/DIS 11354-1:2009

Tähtaeg 1.03.2010

**Advanced automation technologies and their applications - Part 1: Framework for enterprise interoperability**

This part of ISO 11354 specifies - viewpoints for addressing stakeholder concerns for the operational levels of enterprises at which interoperability is required and - a framework for structuring these stakeholder concerns (business, process, services, data), the barriers relating to enterprise interoperability (conceptual, technology, organizational), the various kinds of solutions available and the approaches (integrated, unified, federated) to overcome barriers to interoperability. This part of ISO 11354 does not specify the specific mechanisms for the exchange of entities, nor the manner in which interoperability solutions are implemented.

Keel en

**prEN ISO 12855**

Identne prEN ISO 12855:2009

ja identne ISO/DIS 12855:2009

Tähtaeg 1.03.2010

**Electronic fee collection - Information exchange between service provision and toll charging**

The scope for the present standard covers: - EFC systems for vehicle related transport services, e.g. road user charging, parking and access control. The standard does not cover Electronic Fare Collection systems for Public Transport. It should be noted that an EFC system may include any electronic fee collection system, e.g. also systems automatically reading licence plate numbers of vehicles passing a charging point. - Exchange of information between Service Provision and Toll Charging between the Back End systems of EFC systems, e.g. - Charging Data - Administrative Data - Confirmation Data - Transfer mechanisms and supporting functions - Information objects, data syntax and semantics - Examples of data interchanges

Keel en

**43 MAANTEESÕIDUKITE EHITUS****EN 1789:2008/FprA1**

Identne EN 1789:2007/FprA1:2009

Tähtaeg 1.03.2010

**Meditsiiniasutatavad liiklusvahendid ja nende varustus. Kiirabiautod**

This European Standard specifies requirements for the design, testing, performance and equipping of road ambulances used for the transport and care of patients. It contains requirements for the patient's compartment. This European Standard does not cover the requirements for approval and registration of the vehicle and the training of the staff which is the responsibility of the authority/authorities in the country where the ambulance is to be registered. This European Standard is applicable to road ambulances capable of transporting at least one person on a stretcher. Requirements are specified for categories of road ambulances based in increasing order of the level of treatment that can be carried out. These are the patient transport ambulance (types A1 A2), the emergency ambulance (type B) and the mobile intensive care unit (type C). This European Standard gives general requirements for medical devices carried in road ambulances and used therein and outside hospitals and clinics in situations where the ambient conditions can differ from normal indoor conditions.

Keel en

**45 RAUDTEETEHNIKA****prEN 13231-3**

Identne prEN 13231-3:2009

Tähtaeg 1.03.2010

**Railway applications - Track - Acceptance of works - Part 3: Acceptance of reprofiling rails in track**

This part of this European Standard lays down the technical requirements and the measurements to be made for the acceptance of work to reprofiled longitudinally and/or transversely the heads of railway rails, including the parts of switches and crossings that can be reprofiled. For acceptance purposes, two classes of longitudinal profile and three classes of transverse profile tolerance are defined. It also informs about procedures to verify reference instruments to be used for these measurements and informs about a method to approve non-reference instruments to be used for measurements. It applies to reprofiled vignole railway rails 40 kg/m and above. A form of acceptance documentation that may be used is given in Annex C.

Keel en

Asendab EVS-EN 13231-3:2006

**prEN 16019**

Identne prEN 16019:2009

Tähtaeg 1.03.2010

**Railway applications - Automatic coupler - Performance requirements, specific interface geometry and test method**

The European standard specifies the requirements for the end coupler for train sets compliant with the technical specification for Interoperability High Speed Rolling stock. It defines the minimum interface requirements in order to allow automatic coupling (mechanical and pneumatical) of two interoperable train sets of different types. The herein specified interfaces of the end coupler enable the rescue of a train set in an event of a breakdown by another interoperable trainset of different type, without the need to use an intermediate coupler adapter, accessories or component.

Keel en

**prEN 16028**

Identne prEN 16028:2009

Tähtaeg 1.03.2010

**Railway applications - Wheel/rail friction management - Lubricants for trainborne and trackside applications**

This European Standard specifies the requirements of lubricants intended for lubrication of the wheel-rail interface between the wheel flange and the rail gauge corner (active interface) applied either directly or indirectly to the wheel flange or to the rail to achieve an acceptable level of friction and wear. It covers the approval procedure, the method of testing and quality control/monitoring of the lubricant

Keel en

**49 LENNUNDUS JA KOSMOSETEHNIKA****FprEN 2240-031**

Identne FprEN 2240-031:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 031: Lamp, code 356 - Product standard**

This European Standard specifies the required characteristics for lamp, code 356, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-032**

Identne FprEN 2240-032:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 032: Lamp, code 376 - Product standard**

This European Standard specifies the required characteristics for lamp, code 376, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-034**

Identne FprEN 2240-034:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 034: Lamp, code 382 - Product standard**

This European Standard specifies the required characteristics for lamp, code 382, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-035**

Identne FprEN 2240-035:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 035: Lamp, code 387 - Product standard**

This European Standard specifies the required characteristics for lamp, code 387, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-036**

Identne FprEN 2240-036:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 036: Lamp, code 388 - Product standard**

This standard specifies the required characteristics for lamp, code 388, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-037**

Identne FprEN 2240-037:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 037: Lamp, code 394 - Product standard**

This European Standard specifies the required characteristics for lamp, code 394, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-038**

Identne FprEN 2240-038:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 038: Lamp, code 401 - Product standard**

This European Standard specifies the required characteristics for lamp, code 401, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-039**

Identne FprEN 2240-039:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 039: Lamp, code 600 - Product standard**

This European Standard specifies the required characteristics for lamp, code 600, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-040**

Identne FprEN 2240-040:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 040: Lamp, code 680 - Product standard**

This European Standard specifies the required characteristics for lamp, code 680, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-041**

Identne FprEN 2240-041:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 041: Lamp, code 682 - Product standard**

This European Standard specifies the required characteristics for lamp, code 682, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-042**

Identne FprEN 2240-042:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 042: Lamp, code 683 - Product standard**

This European Standard specifies the required characteristics for lamp, code 683, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-043**

Identne FprEN 2240-043:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 043: Lamp, code 685 - Product standard**

This European Standard specifies the required characteristics for lamp, code 682, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-044**

Identne FprEN 2240-044:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 044: Lamp, code 713 - Product standard**

This European Standard specifies the required characteristics for lamp, code 713, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-045**

Identne FprEN 2240-045:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 045: Lamp, code 714 - Product standard**

This European Standard specifies the required characteristics for lamp, code 714, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-046**

Identne FprEN 2240-046:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 046: Lamp, code 715 - Product standard**

This European Standard specifies the required characteristics for lamp, code 715, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-047**

Identne FprEN 2240-047:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 047: Lamp, code 718 - Product standard**

This standard specifies the required characteristics for lamp, code 718, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-048**

Identne FprEN 2240-048:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 048: Lamp, code 718 NPC - Product standard**

This European Standard specifies the required characteristics for lamp, code 718 NPC, with nickel-plated contact for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-049**

Identne FprEN 2240-049:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 049: Lamp, code 757 - Product standard**

This European Standard specifies the required characteristics for lamp, code 757, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-050**

Identne FprEN 2240-050:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 050: Lamp, code 1064 - Product standard**

This European Standard specifies the required characteristics for lamp, code 1064, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2240-033**

Identne FprEN 2240-033:2009

Tähtaeg 1.03.2010

**Aerospace series - Lamps, incandescent - Part 033: Lamp, code 377 - Product standard**

This European Standard specifies the required characteristics for lamp, code 377, for aerospace applications. It shall be used together with EN 2756.

Keel en

**FprEN 2434-001**

Identne FprEN 2434-001:2009

Tähtaeg 1.03.2010

**Aerospace series - Paints and varnishes - Two component cold curing polyurethane finish - Part 001: Basic requirements**

This European Standard specifies the basic requirements for a two component polyurethane finish, available in a range of colours and levels of gloss, to be applied over a primer for aerospace applications. The properties specified in this standard are obtained on defined aluminium alloy test pieces prepared in accordance with EN 3837 Procedure A and EN 23270 and painted with primer to prEN 2435-02. The ability of the material to be used for a specific application (e.g. alternative substrate, alternative primer, specific drying conditions etc.) shall be determined by supplementary tests to confirm that the requirements of this standard are met.

Keel en

**FprEN 2434-002**

Identne FprEN 2434-002:2009

Tähtaeg 1.03.2010

**Aerospace series - Paints and varnishes - Two component cold curing polyurethane finish - Part 002: High chemical resistance**

This European Standard specifies the requirements for a two component polyurethane finish to be applied over a primer for interior and exterior aerospace applications, where maximum resistance to normal operational fluids is required. The properties specified in this standard are obtained on defined aluminium alloy test pieces prepared in accordance with EN 3837 Procedure A and EN 23270 and painted with primer to prEN 2435-02. The ability of the material to be used for a specific application (e.g. alternative substrate, alternative primer, specific drying conditions etc.) shall be determined by supplementary tests to confirm that the requirements of this standard are met.

Keel en

**FprEN 2434-003**

Identne FprEN 2434-003:2009

Tähtaeg 1.03.2010

**Aerospace series - Paints and varnishes - Two component cold curing polyurethane finish - Part 003: Flexible and high fluid resistance for interior**

This European Standard specifies the requirements for a two component polyurethane finish, in a limited range of colours, to be applied over a primer for interior aerospace applications, offering flexibility and high resistance to fluid attack. The properties specified in this standard are obtained on defined aluminium alloy test pieces prepared in accordance with EN 3837 and EN 23270 and painted with primer to prEN 2435-03. The ability of the material to be used for a specific application (e.g. alternative substrate, alternative primer, specific drying conditions etc.) shall be determined by supplementary tests to confirm that the requirements of this standard are met.

Keel en

**FprEN 2434-004**

Identne FprEN 2434-004:2009

Tähtaeg 1.03.2010

**Aerospace series - Paints and varnishes - Two component cold curing polyurethane finish - Part 004: High flexibility**

This European Standard specifies the requirements for a two component polyurethane finish to be applied over a primer mainly for exterior aerospace applications, offering high flexibility. The properties specified in this standard are obtained on defined aluminium alloy test pieces prepared in accordance with EN 3837 and EN 23270 and painted with primer to prEN 2435-02. The ability of the material to be used for a specific application (e.g. alternative substrate, alternative primer, specific drying conditions etc.) shall be determined by supplementary tests to confirm that the requirements of this standard are met.

Keel en

**FprEN 2954-001**

Identne FprEN 2954-001:2009

Tähtaeg 1.03.2010

**Aerospace series - Macrostructure of titanium and titanium alloy wrought products - Part 001: General requirements**

This European Standard specifies the conditions for the macrographic examination of titanium and titanium alloy bar, section, forging stock and forgings. Specific macrostructures are defined in EN 2954-002. This standard shall be applied in conjunction with EN material standards and technical specifications, which define the acceptance criteria unless otherwise specified on the order.

Keel en

**FprEN 2954-002**

Identne FprEN 2954-002:2009

Tähtaeg 1.03.2010

**Aerospace series - Macrostructure of titanium and titanium alloy wrought products - Part 002: Macrostructure of bar, section, forging stock and forgings**

This standard contains pictures of the macrostructure of bar, section, forging stock and forgings for titanium and titanium alloy wrought products. This standard shall be used in conjunction with EN 2954-001.

Keel en

**FprEN 4637**

Identne FprEN 4637:2009

Tähtaeg 1.03.2010

**Aerospace series - Blast media - White corundum**

This European Standard specifies the characteristics of white corundum used as blast media for aerospace applications.

Keel en

**FprEN 4638**

Identne FprEN 4638:2009

Tähtaeg 1.03.2010

**Aerospace series - Blast media - Brown corundum**

This European Standard specifies the characteristics of brown corundum without iron used as blast media for aerospace applications.

Keel en

**FprEN 4650**

Identne FprEN 4650:2009

Tähtaeg 1.03.2010

**Aerospace series - Wire and cable marking process, UV Laser**

This European Standard is applicable to the marking of aerospace vehicle electrical wires and cables using ultraviolet (UV) lasers. This standard specifies the process requirements for the implementation of UV laser marking of aerospace electrical wire and cable and fibre optic cable to achieve an acceptable quality mark using equipment designed for UV laser wire marking of identification codes on aircraft wire and cable subject to EN 3475-100 Aerospace series – Cables, electrical, aircraft use – Test methods – Part 100: General. Wiring specified as UV laser markable and which has been marked in accordance with this standard will conform to the requirements of EN 3838.

Keel en

**FprEN 4662**

Identne FprEN 4662:2009

Tähtaeg 1.03.2010

**Aerospace series - Test specification for vibration control components**

This European Standard specifies the procedure and the parameter for testing static and dynamic stiffness of vibration control components (e.g. shock mounts with bushes). This European Standard applies to vibration control components all installed for aircraft applications. It may also be applied when referred to in the product standard or in a design specification.

Keel en

**53 TÕSTE- JA TEISALDUS-SEADMED****EN 1808:1999/FprA1**

Identne EN 1808:1999/FprA1:2009

Tähtaeg 1.03.2010

**Ripp(juurdepääsu)seadmete ohutusnõuded. Kavandamisarvutused, stabiilsuskriteeriumid, valmistamine, katsed**

This standard specifies the safety requirements of Suspended Access Equipment (SAE).

Keel en

**59 TEKSTIILI- JA NAHATEHNOLOOGIA****FprEN ISO 3175-1**

Identne FprEN ISO 3175-1:2009

ja identne ISO/FDIS 3175-1:2009

Tähtaeg 1.03.2010

**Textiles - Professional care, drycleaning and wetcleaning of fabrics and garments - Part 1: Assessment of performance after cleaning and finishing**

This part of ISO 3175 specifies a method for assessing textile articles which have been tested according to ISO 3175-2. Fabric and garment properties, which can change on drycleaning and finishing, are identified and methods for assessing change using existing International Standards are given as appropriate. Other properties which are also important, but for which there are no International Standards providing methods of assessment, are indicated in Annex A, together with advice on how to proceed on their assessment.

Keel en

Asendab EVS-EN ISO 3175-1:2001

**FprEN ISO 3175-2**

Identne FprEN ISO 3175-2:2009

ja identne ISO/FDIS 3175-2:2009

Tähtaeg 1.03.2010

**Textiles - Professional care, drycleaning and wetcleaning of fabrics and garments - Part 2: Procedure for testing performance when cleaning and finishing using tetrachloroethene**

This part of ISO 3175 specifies drycleaning procedures for tetrachloroethene (perchloroethylene), using commercial drycleaning machines, for fabrics and garments. It comprises a procedure for normal materials and procedures for sensitive and very sensitive materials.

Keel en

**FprEN ISO 6179**

Identne FprEN ISO 6179:2009

ja identne ISO/FDIS 6179:2009

Tähtaeg 1.03.2010

**Rubber, vulcanized or thermoplastic - Rubber sheets and rubber-coated fabrics - Determination of transmission rate of volatile liquids (gravimetric technique)**

This International Standard specifies two methods for determining, by measurement of the transmission rate, the permeability of rubber to volatile liquids diffusing into open air. It is applicable only to materials in sheet form and to coated fabrics having thicknesses between 0,2 mm and 3,0 mm. It is restricted to transmission rates of more than 0,1 g/m<sup>2</sup> · h. The methods are particularly useful for comparing the relative transmission rates of one liquid through different materials, or of several liquids through one material. Method A, with refilling, is used when testing mixtures of liquids which give different transmission rates. Method B, with no refilling, is used for a single-component liquid.

Keel en

Asendab EVS-EN ISO 6179:2001

**FprEN ISO 11058**

Identne FprEN ISO 11058:2009

ja identne ISO/FDIS 11058:2009

Tähtaeg 1.03.2010

**Geotekstiil ja samalaadsed tooted. Veeläbilaskvuse tavakarakteristikute määramine ilma koormuseta**

This International Standard specifies two test methods for determining the water permeability characteristics of a single layer of geotextile or geotextile-related product normal to the plane: a) the constant head method; b) the falling head method.

Keel en

Asendab EVS-EN ISO 11058:1999

**FprEN ISO 12958**

Identne FprEN ISO 12958:2009  
ja identne ISO/FDIS 12958:2009  
Tähtaeg 1.03.2010

**Geotekstiil ja samalaadsed tooted. Vee läbilaskevõime määramine**

This International Standard specifies a method for determining the constant-head water flow capacity within the plane of a geotextile or geotextile-related product.

Keel en

Asendab EVS-EN ISO 12958:1999

**FprEN ISO 14419**

Identne FprEN ISO 14419:2009  
ja identne ISO/FDIS 14419:2009  
Tähtaeg 1.03.2010

**Tekstiil. Õlitõrjuvus. Süsivesinikukestus**

This International Standard is applicable to the evaluation of a substrate's resistance to absorption of a selected series of liquid hydrocarbons of different surface tensions. This International Standard is intended to provide a guide to oil stain resistance. It can provide a rough index of oil stain resistance as, generally, the higher the oil repellency grade, the better resistance to staining by oily materials, especially liquid oil substances. This is particularly true when comparing various finishes for a given substrate. This International Standard can also be utilized in determining if washing and/or drycleaning treatments have any adverse effect on the oil repellency characteristics of a substrate.

Keel en

Asendab EVS-EN ISO 14419:2000/AC:2006; EVS-EN ISO 14419:2000

**FprEN ISO 17234-1**

Identne FprEN ISO 17234-1:2009  
ja identne ISO/FDIS 17234-1:2009  
Tähtaeg 1.03.2010

**Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 1: Determination of certain aromatic amines derived from azo colorants**

This part of ISO 17234 specifies a method for determining the use of certain azo colorants which may release certain aromatic amines.

Keel en

**prEN ISO 105-B10**

Identne prEN ISO 105-B10:2009  
ja identne ISO/DIS 105-B10:2009  
Tähtaeg 1.03.2010

**Tekstiil. Värvipüsivuse katsed. Osa B10: Ilmastikumõjutuste imiteerimine. Mõjutamine filtreeritud ksenoonkaarekiirgusega**

This part of ISO 105 specifies a procedure for exposing textiles to artificial weathering in xenon-arc apparatus, including the action of liquid water and water vapour, in order to determine the weather resistance of the colour of textiles. The exposure is carried out in a test chamber with a filtered xenon-arc light source simulating solar spectral irradiance according to CIE No. 85 Table 4. The method can be used either for determining the colour fastness or the ageing behaviour of the textile under test. The method is also applicable to white (bleached or optically brightened) textiles.

Keel en

**65 PÖLLUMAJANDUS****prEN ISO 11681-1**

Identne prEN ISO 11681-1:2009  
ja identne ISO/DIS 11681-1:2009  
Tähtaeg 1.03.2010

**Metsatöomasinad. Kaasaskantavate kettsaagide ohutusnõuded ja katsetamine. Osa 1: Hooldusraiel kasutatavad kettsaad**

This part of ISO 11681 specifies safety requirements and their verification for design and construction of portable combustion-engine, hand-held chain-saws, designed only for use by one operator and intended for forest work. It describes methods for the elimination or reduction of hazards arising from their use. In addition it specifies the type of information on safe working practices to be provided. This document deals with all significant hazards, hazardous situations or hazardous events with the exception of kickback (see 4.5.3) and balance (see 4.4.1) for machines with an engine displacement of more than 80 cm<sup>3</sup>, relevant to these machines, as well as when they are used as intended and under condition of reasonable foreseeable misuse.

Keel en

Asendab EVS-EN ISO 11681-1:2008

**FprEN ISO 11085**

Identne FprEN ISO 11085:2009

ja identne ISO 11085:2008

Tähtaeg 1.03.2010

**Cereals, cereals-based products and animal feeding stuffs - Determination of crude fat and total fat content by the Randall extraction method**

This International Standard specifies procedures for the determination of the fat content of cereals, cereal-based products, and animal feeding stuffs. These procedures are not applicable to oilseeds and oleaginous fruits. The choice of procedure to be used depends on the nature and composition of the material analysed and the reason for carrying out the analysis. Procedure A is a method for the determination of directly extractable crude fats, applicable to all materials, except those included within the scope of procedure B. Procedure B is a method for the determination of total fats, applicable to all materials from which the oils and fats cannot be completely extracted without prior hydrolysis.

Keel en

**prEN ISO 11680-1**

Identne prEN ISO 11680-1:2009

ja identne ISO/DIS 11680-1:2009

Tähtaeg 1.03.2010

**Metsatöomasinad. Elektriga töötavate mastlaasijate ohutusnõuded ja katsetamine . Osa 1: Sisepõlemismootoriga varustatud seadised**

This part of ISO 11680 specifies safety requirements and their verification for the design and construction of portable hand-held pole-mounted powered pruners having an integral combustion engine as a power unit and using a drive shaft, to transmit power to the cutting attachment. The cutting attachments covered are saw chains, reciprocating and circular saw blades. This standard describes methods for the elimination or reduction of hazards arising from their use. In addition it specifies the type of information on safe working practices to be provided by the manufacturer. This document deals with all significant hazardous situations or hazardous events with the exception of electric shock related to overhead electric lines apart from warnings and advice for instruction handbook contents, relevant to these machines, when they are used as intended and under condition of reasonably foreseeable misuse.

Keel en

Asendab EVS-EN ISO 11680-1:2008

**prEN ISO 11680-2**

Identne prEN ISO 11680-2:2009

ja identne ISO/DIS 11680-2:2009

Tähtaeg 1.03.2010

**Metsatöomasinad. Elektriga töötavate mastlaasijate ohutusnõuded ja katsetamine . Osa 2: "Ranits"-energiaallikaga kasutatavad seadised**

This part of ISO 11680 specifies safety requirements and their verification for the design and construction of portable hand-held pole-mounted powered pruners with a back-pack power unit and using a drive shaft, to transmit power to the cutting attachment. The cutting attachments covered are saw chains, reciprocating and circular saw blades. This Standard describes methods for the elimination or reduction of hazards arising from their use. In addition it specifies the type of information on safe working practices to be provided by the manufacturer. This document deals with the exception listed below, with all significant hazardous situations or hazardous events relevant to these machines, when they are used as intended and under condition of reasonably foreseeable misuse. Significant hazards not dealt with are: - electric shock hazard from contact with overhead electric lines, apart from warnings and advice for instruction handbook contents; - whole-body vibration hazard from the back-pack power unit.

Keel en

Asendab prEN ISO 11680-2

**prEN ISO 11681-2**

Identne prEN ISO 11681-2:2009

ja identne ISO/DIS 11681-2:2009

Tähtaeg 1.03.2010

**Metsatöomasinad. Kaasaskantavate kettsaagide ohutusnõuded ja katsetamine. Osa 2: Hooldusriiel kasutatavad kettsaed**

This part of ISO 11681 specifies safety requirements and their verification for the design and construction of portable combustion-engine, hand-held chain-saws for tree service, having a maximum mass, without guide bar or saw chain and with tanks empty, equal to 4,3 kg, and designed for use by a trained operator for pruning and dismantling standing tree crowns. It describes methods for the elimination or reduction of hazards arising from their use. In addition, it specifies the type of information on safe working practices to be provided. This document deals with all significant hazards, hazardous situations or hazardous events relevant to these machines, as well as when they are used as intended and under condition of reasonable foreseeable misuse.

Keel en

Asendab prEN ISO 11681-2

**prEN ISO 11806-1**

Identne prEN ISO 11806-1:2009  
ja identne ISO/DIS 11806-1:2009  
Tähtaeg 1.03.2010

**Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 1: Machines with integral combustion engine**

This part of ISO 11806 specifies safety requirements and their verification for design and construction of portable handheld, combustion engine driven brush-cutters and grass-trimmers having an integral combustion engine as a power source and mechanical power transmission between power source and cutting attachment. This standard is not applicable to lawn edge trimmers or to brush-cutters equipped with metallic cutting attachments consisting of more than one part, e.g pivoting chains. It describes methods for the elimination or reduction of hazards arising from their use. In addition it specifies the type of information on safe working practices to be provided by the manufacturer. This document deals with all significant hazards, hazardous situations or hazardous events relevant to these machines, as well as when they are used as intended and under conditions of reasonably foreseeable misuse.

Keel en

**prEN ISO 11806-2**

Identne prEN ISO 11806-2:2009  
ja identne ISO/DIS 11806-2:2009  
Tähtaeg 1.03.2010

**Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 2: Machines with backpack power source**

This part of ISO 11806 specifies safety requirements and their verification for design and construction of portable handheld, combustion engine driven brush-cutters and grass-trimmers having a backpack mounted combustion engine power source and mechanical power transmission between power source and cutting attachment. This Standard is not applicable to lawn edge trimmers or to brush-cutters equipped with metallic blades consisting of more than one part, e.g. pivoting chain. It describes methods for the elimination or reduction of hazards arising from their use. In addition it specifies the type of information on safe working practices to be provided by the manufacturer. This document deals, except for whole body vibration hazard from the backpack power unit with all significant hazards, hazardous situations or hazardous events relevant to these machines, when they are used as intended and under conditions of reasonably foreseeable misuse.

Keel en

**prEN ISO 12863**

Identne prEN ISO 12863:2009  
ja identne ISO/DIS 12863:2009  
Tähtaeg 1.03.2010

**Standard test method for measuring the ignition propensity of cigarettes**

This International Standard provides a standard measure of the capability of a cigarette, positioned on one of three standard substrates, to generate sufficient heat to continue burning, and thus potentially cause ignition of bedding or upholstered furniture, or whether the cigarette extinguishes. This standard is applicable to factory-made cigarettes that burn along the length of a tobacco column. This is a performance-based standard; it does not prescribe any design features of the cigarette that might lead to improved or degraded performance in the test method. The output of this method has been correlated with the potential for cigarettes to ignite upholstered furniture.

Keel en

**67 TOIDUAINETE TEHNOLOOGIA****EN 12355:2003/prA1**

Identne EN 12355:2003/prA1:2009  
Tähtaeg 1.03.2010

**Toidotöötlemismasinaid. Koorimis-, nulgimis- ja kilekõrvaldamismasinaid. Ohutus- ja hügieeninõuded**

This European standard applies to design, manufacturing, installation, transportation, electrical equipment and cleaning of derinding, skinning, and membrane removal machines (see figures 1 to 5). The machines described in this standard are used for derinding, skinning and membrane removal of meat and fish by cutting at a blade device

Keel en

**EN 12855:2003/FprA1**

Identne EN 12855:2003/FprA1:2009  
Tähtaeg 1.03.2010

**Toidotöötlemismasinaid. Pöörlevad kausslõikurid. Ohutus- ja hügieeninõuded**

This European Standard specifies requirements for bowl cutters (see figure 1) used when stationary and positioned on the floor or at table height

Keel en

**EN 12984:2005/FprA1**

Identne EN 12984:2004/FprA1:2009

Tähtaeg 1.03.2010

**Toidutöötlemismasinaid. Kaasakantavad ja/või käsitsi juhitud, mehhaanilise ajamisega lõikeseadmetega masinaid ja seadmed. Ohutus- ja hügieeninõuded**

This European Standard covers portable and/or hand-guided machines and appliances equipped with mechanically driven cutting tools.

Keel en

**EN 13534:2006/FprA1**

Identne EN 13534:2006/FprA1:2009

Tähtaeg 1.03.2010

**Toidutöötlemismasinaid. Termo-injektsioonimasinaid. Ohutus- ja hügieeninõuded**

This standard applies for - curing injection machines with infeed and outfeed devices;- curing injection machines with infeed and outfeed devices and loading devices. This standard does not apply to portable/hand guided curing injection devices.

Keel en

**EN 13570:2005/FprA1**

Identne EN 13570:2005/FprA1:2009

Tähtaeg 1.03.2010

**Toidutöötlemismasinaid. Segamismasinaid. Ohutus- ja hügieeninõuded**

This European Standard specifies safety and hygiene requirements to minimise the hazards which can arise during the commissioning, the use and the maintenance of mixing machines and their accessories intended to be used in sausage kitchens and industrial erations.

Keel en

**FprEN ISO 734-2**

Identne FprEN ISO 734-2:2009

ja identne ISO 734-2:2008

Tähtaeg 1.03.2010

**Oilseed meals - Determination of oil content - Part 2: Rapid extraction method**

This part of ISO 734 specifies an extraction method which may be used to assess the efficiency of a de-oiling process by comparing the oil content of the oilseed with the residual oil content of the corresponding extraction meals, pellets and expeller cakes. It is not applicable to disputed cases, for which ISO 734-1 is applicable. It is applicable to oilseed meals obtained from oilseeds by expelling or by extraction with a solvent, as well as to the pellets made from the residues.

Keel en

Asendab FprEN ISO 734-2

**FprEN ISO 2171**

Identne FprEN ISO 2171:2009

ja identne ISO 2171:2007

Tähtaeg 1.03.2010

**Cereals, pulses and by-products - Determination of ash yield by incineration**

This International Standard specifies a method for determining the ash yielded by cereals, pulses and their milled products intended for human consumption. The source materials covered are: a) grains of cereals; b) flours and semolinas; c) milled products (bran and high bran content products, sharps); d) mixed cereal flours (mixes); e) cereal by-products other than milled products; and f) pulses and their by-products. This International Standard is not applicable to starches and starch derivatives (see ISO 3593), to products intended for animal feeding stuffs (see ISO 5984), or to seeds.

Keel en

**FprEN ISO 3960**

Identne FprEN ISO 3960:2009

ja identne ISO 3960:2007

Tähtaeg 1.03.2010

**Animal and vegetable fats and oils - Determination of peroxide value - Iodometric (visual) endpoint determination**

This International Standard specifies a method for the iodometric determination of the peroxide value of animal and vegetable fats and oils with a visual endpoint detection. The peroxide value is a measure of the amount of oxygen chemically bound to an oil or fat as peroxides, particularly hydroperoxides. The method is applicable to all animal and vegetable fats and oils, fatty acids and their mixtures with peroxide values from 0 meq to 30 meq (milliequivalents) of active oxygen per kilogram. It is also applicable to margarines and fat spreads with varying water content. The method is not suitable for milk fats and is not applicable to lecithins. It is to be noted that the peroxide value is a dynamic parameter, whose value is dependent upon the history of the sample. Furthermore, the determination of the peroxide value is a highly empirical procedure and the value obtained depends on the sample mass. It is stressed that, due to the prescribed sample mass, the peroxide values obtained can be slightly lower than those obtained with a lower sample mass.

Keel en

Asendab EVS-EN ISO 3960:2008

**FprEN ISO 5529**

Identne FprEN ISO 5529:2009

ja identne ISO 5529:2007

Tähtaeg 1.03.2010

**Wheat - Determination of the sedimentation index - Zeleny test**

This International Standard describes a method, known as the Zeleny sedimentation test, for assessing one of the factors determining the quality of wheat as a means of predicting the baking strength of the flour which can be made from it. The method is applicable only to *Triticum aestivum* L. wheat.

Keel en

**FprEN ISO 6540**

Identne FprEN ISO 6540:2009

ja identne ISO 6540:1980

Tähtaeg 1.03.2010

**Maize - Determination of moisture content (on milled grains and on whole grains)**

This section specifies the reference method for the determination of the moisture content of maize grains and ground whole malze.

Keel en

**FprEN ISO 11085**

Identne FprEN ISO 11085:2009

ja identne ISO 11085:2008

Tähtaeg 1.03.2010

**Cereals, cereals-based products and animal feeding stuffs - Determination of crude fat and total fat content by the Randall extraction method**

This International Standard specifies procedures for the determination of the fat content of cereals, cereal-based products, and animal feeding stuffs. These procedures are not applicable to oilseeds and oleaginous fruits. The choice of procedure to be used depends on the nature and composition of the material analysed and the reason for carrying out the analysis. Procedure A is a method for the determination of directly extractable crude fats, applicable to all materials, except those included within the scope of procedure B. Procedure B is a method for the determination of total fats, applicable to all materials from which the oils and fats cannot be completely extracted without prior hydrolysis.

Keel en

**FprEN ISO 27107**

Identne FprEN ISO 27107:2009

ja identne ISO 27107:2008

Tähtaeg 1.03.2010

**Animal and vegetable fats and oils - Determination of peroxide value - Potentiometric end-point determination**

This International Standard specifies a method for the potentiometric end-point determination of the peroxide value, in milliequivalents of active oxygen per kilogram, of animal and vegetable fats and oils. The method is applicable to all animal and vegetable fats and oils, fatty acids and their mixtures with peroxide values from 0 meq to 30 meq of active oxygen per kilogram. It is also applicable to margarines and fat spreads with varying water content. The method is not applicable to milk fats or lecithins.

Keel en

Asendab EVS-EN ISO 27107:2008

**75 NAFTA JA NAFTATEHNOLOOGIA****EN ISO 13500:2008/prA1**

Identne EN ISO 13500:2008/prA1:2009

ja identne ISO 13500:2008/DAM 1:2009

Tähtaeg 1.03.2010

**Petroleum and natural gas industries - Drilling fluid materials - Specifications and tests - Amendment 1: New Clause 20 - Barite 4.10**

This Technical Corrigendum 1 to International Standard 13500:2008 and API Specification 13A, Specifications for Drilling Fluid Materials, includes a newly available drilling fluid product. This corrigendum covers the physical properties and testing of Barite 4.10. This corrigendum is prepared as an alternative to ISO 13500, Clause 7, Barite/API Spec 13A, Section 7 and should not be interpreted as a replacement for Clause or Section 7 Barite. This International Standard is intended for the use of manufacturers of named products.

Keel en

**prEN ISO 11960**

Identne prEN ISO 11960:2009  
ja identne ISO/DIS 11960:2009  
Tähtaeg 1.03.2010

**Loodusliku ja naftagaasi tööstused. Terastorude kasutamine puuraukude mantelitorudeks või pumpamistorudeks**

This International Standard specifies the technical delivery conditions for steel pipes (casing, tubing and pup joints), coupling stock, coupling material and accessory material/accessories and establishes requirements for three Product Specification Levels (PSL-1, PSL-2, PSL-3). The requirements for PSL-1 are the basis of this International Standard. The requirements that define different levels of standard technical requirements for PSL-2 and PSL-3, for all Grades except H-40, L-80 9Cr and C110, are contained in Annex H. For pipes covered by this International Standard, the sizes, masses and wall thicknesses as well as grades and applicable end-finishes are listed in Tables C.1 to C.3 and Tables E.1 to E.3. By agreement between the purchaser and manufacturer, this International Standard can also be applied to other plain-end pipe sizes and wall thicknesses.

Keel en

Asendab EVS-EN ISO 11960:2005

**prEN 13614**

Identne prEN 13614:2009  
Tähtaeg 1.03.2010

**Bitumen and bituminous binders - Determination of adhesivity of bituminous emulsions by water immersion test**

This European Standard specifies a method for determining the adhesion of a bituminous emulsion coated onto aggregate when immersed in water. The method considers two different aspects of adhesivity i.e. immediate adhesivity and water effect on binder adhesion. The method may be used with a reference aggregate. In that case, it measures the intrinsic adhesion behaviour of a bituminous emulsion. The method may also be used with a specific aggregate as used on a job site. Conformity to the "adhesivity" requirement specified in EN 13808 is to be assessed while measuring the water effect on binder adhesion with a reference aggregate. **WARNING** - The use of this European Standard may involve hazardous materials, operations and equipment. This European Standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this European Standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 13614:2004

**77 METALLURGIA****FprEN ISO 4499-1**

Identne FprEN ISO 4499-1:2009  
ja identne ISO 4499-1:2008  
Tähtaeg 1.03.2010

**Hardmetals - Metallographic determination of microstructure - Part 1: Photomicrographs and description**

This part of ISO 4499 specifies the methods of metallographic determination of the microstructure of hardmetals using photomicrographs.

Keel en

Asendab EVS-EN 24499:2000

**FprEN ISO 4499-2**

Identne FprEN ISO 4499-2:2009  
ja identne ISO 4499-2:2008  
Tähtaeg 1.03.2010

**Hardmetals - Metallographic determination of microstructure - Part 2: Measurement of WC grain size**

This part of ISO 4499 gives guidelines for the measurement of hardmetal grain size by metallographic techniques only using optical or electron microscopy. It is intended for sintered WC/Co hardmetals (also called cemented carbides or cermets) containing primarily WC as the hard phase. It is also intended for measuring the grain size and distribution by the linear-intercept technique.

Keel en

Asendab EVS-EN 24499:2000

**prEN ISO 11960**

Identne prEN ISO 11960:2009  
ja identne ISO/DIS 11960:2009  
Tähtaeg 1.03.2010

**Loodusliku ja naftagaasi tööstused. Terastorude kasutamine puuraukude mantelitorudeks või pumpamistorudeks**

This International Standard specifies the technical delivery conditions for steel pipes (casing, tubing and pup joints), coupling stock, coupling material and accessory material/accessories and establishes requirements for three Product Specification Levels (PSL-1, PSL-2, PSL-3). The requirements for PSL-1 are the basis of this International Standard. The requirements that define different levels of standard technical requirements for PSL-2 and PSL-3, for all Grades except H-40, L-80 9Cr and C110, are contained in Annex H. For pipes covered by this International Standard, the sizes, masses and wall thicknesses as well as grades and applicable end-finishes are listed in Tables C.1 to C.3 and Tables E.1 to E.3. By agreement between the purchaser and manufacturer, this International Standard can also be applied to other plain-end pipe sizes and wall thicknesses.

Keel en

Asendab EVS-EN ISO 11960:2005

**prEN ISO 12696**

Identne prEN ISO 12696:2009

ja identne ISO/DIS 12696:2009

Tähtaeg 1.03.2010

**Cathodic protection of steel in concrete**

This International Standard specifies performance requirements for cathodic protection of steel in concrete, in both new and existing structures. It covers building and civil engineering structures, including normal reinforcement and prestressed reinforcement embedded in the concrete. It is applicable to uncoated steel reinforcement and to organic coated steel reinforcement. This International Standard applies to steel in atmospherically exposed, buried, submerged and tidal elements of buildings or structures.

Keel en

Asendab EVS-EN 12696:2000

**79 PUIDUTEHNOLOOGIA****prEN 13228**

Identne prEN 13228:2009

Tähtaeg 1.03.2010

**Wood flooring - Solid wood overlay flooring elements including blocks with an interlocking system**

This European Standard specifies the characteristics of solid wood overlay flooring including blocks with an interlocking system for internal use as flooring. It applies to elements. This standard does not apply to panels made from elements, for which a separate standard) is in course of preparation. This standard covers elements with and without surface coating.

Keel en

Asendab EVS-EN 13228:2003; EVS-EN 13228:2003/AC:2007

**prEN 13647**

Identne prEN 13647:2009

Tähtaeg 1.03.2010

**Puit- ja parkettpõrandakate ja puitvooderdis ning pealustus.Geomeetriliste näitajate määramine**

This European Standard specifies methods of measuring the geometrical characteristics of wood flooring and wood panelling and cladding elements. This document does not specify sampling, which is intended to be found in the product standards or test methods and it does not apply to elements which are installed.

Keel en

Asendab EVS-EN 13647:2003

**81 KLAASI- JA KERAAMIKA-TÖÖSTUS****FprEN 843-7**

Identne FprEN 843-7:2009

Tähtaeg 1.03.2010

**Advanced technical ceramics - Mechanical properties of monolithic ceramics at room temperature - Part 7: C-ring tests**

This European Standard describes a method for undertaking ultimate strength tests on slotted rings (C-rings) in order to determine the strength of ring or tube-shaped components in the manufactured geometry.

Keel en

**FprEN 843-8**

Identne FprEN 843-8:2009

Tähtaeg 1.03.2010

**Advanced technical ceramics - Mechanical properties of monolithic ceramics at room temperature - Part 8: Guidelines for conducting proof tests**

This European Standard describes requirements and methods for proof testing of advanced technical ceramic components. It provides general guidance concerning the design of the test and the methodology for the selection of loading conditions.

Keel en

**FprEN 14425-3**

Identne FprEN 14425-3:2009

Tähtaeg 1.03.2010

**Advanced technical ceramics Test methods for determination of fracture toughness of monolithic ceramics Part 3: Chevron notched beam (CNB) method**

This part of CEN/TS 14425 provides a test method for fracture toughness determination based on the chevron-notch method. For the purposes of this standard, the term monolithic includes particle and whiskerreinforced advanced technical ceramics which can be regarded as macroscopically homogeneous. It does not include long-fibre reinforced ceramics

Keel en

Asendab CEN/TS 14425-3:2003

**83 KUMMI- JA PLASTITÖÖSTUS****FprEN ISO 6179**

Identne FprEN ISO 6179:2009  
ja identne ISO/FDIS 6179:2009  
Tähtaeg 1.03.2010

**Rubber, vulcanized or thermoplastic - Rubber sheets and rubber-coated fabrics - Determination of transmission rate of volatile liquids (gravimetric technique)**

This International Standard specifies two methods for determining, by measurement of the transmission rate, the permeability of rubber to volatile liquids diffusing into open air. It is applicable only to materials in sheet form and to coated fabrics having thicknesses between 0,2 mm and 3,0 mm. It is restricted to transmission rates of more than 0,1 g/m<sup>2</sup> · h. The methods are particularly useful for comparing the relative transmission rates of one liquid through different materials, or of several liquids through one material. Method A, with refilling, is used when testing mixtures of liquids which give different transmission rates. Method B, with no refilling, is used for a single-component liquid.

Keel en

Asendab EVS-EN ISO 6179:2001

**85 PABERITEHNOLOOGIA****prEN ISO 5264-2**

Identne prEN ISO 5264-2:2009  
ja identne ISO/DIS 5264-2:2009  
Tähtaeg 1.03.2010

**Tehnilised tselluloosid. Laboratoorne jahvatamine. Osa 2: PFI-veski meetod**

This part of ISO 5264 specifies a method for the laboratory beating of pulp using a PFI mill. The description is limited to the sampling, preparation and beating of the pulp and the beating equipment.

Keel en

Asendab EVS-EN ISO 5264-2:2003

**87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS****EN 12581:2006/FprA1**

Identne EN 12581:2005/FprA1:2009  
Tähtaeg 1.03.2010

**Pindamisseadmed. Sukel- ja elektrofoor-pindamismasinad orgaaniliste vedelike pindamismaterjalide kasutamiseks. Ohutusnõuded**

This European Standard applies to the design and construction of machinery for dip coating and electrodeposition of organic liquid coating material to industrial items.

Keel en

**EN 12621:2006/FprA1**

Identne EN 12621:2006/FprA1:2009  
Tähtaeg 1.03.2010

**Masinad kattematerjalide etteandmiseks ja tsirkuleerimiseks rõhu all. Ohutusnõuded**

This European Standard applies to the design and construction of machinery for the supply and circulation of coating and/or auxiliary materials under pressure – in the following called "machine" (see 3.1). The coating material is supplied by air pressure or airless.

Keel en

**EN 12757-1:2005/FprA1**

Identne EN 12757-1:2005/FprA1:200  
Tähtaeg 1.03.2010

**Kattematerjalide segamise masinad. Ohutusnõuded. Osa 1: Sõidukites kasutatavad segamismasinad**

This European Standard applies to the design and construction of mixing machinery for liquid coating materials equipped with container of maximal volume ≤ 10 l used by vehicle refinishers and their coating materials distributors.

Keel en

**91 EHITUSMATERJALID JA EHITUS****FprEN 13859-1**

Identne FprEN 13859-1:2009  
Tähtaeg 1.03.2010

**Elastsed niiskuisolatsioonimaterjalid. Aluskihtide definitsioonid ja omadused. Osa 1: Mitmest osast koosnevate katuste alusmaterjalid**

This document specifies the characteristics of flexible sheets for underlays which are to be used under roof covering of discontinuous roofs. It specifies the requirements and test methods and provides for the evaluation of conformity of the products with the requirements of this document.

Keel en

Asendab EVS-EN 13859-1:2005+A1:2008

**FprEN 13859-2**

Identne FprEN 13859-2:2009  
Tähtaeg 1.03.2010

**Elastsed niiskuisolatsioonimaterjalid. Aluskihtide definitsioonid ja omadused. Osa 2: Seinte alusmaterjalid**

This document specifies the characteristics of flexible sheets for underlays for walls which are to be used in walls behind outside wall coverings in order to avoid penetration of wind and water from outside. It specifies the requirements and test methods and provides for the evaluation of conformity of the products with the requirements of this document.

Keel en

Asendab FprEN 13859-2

**FprEN 14319-2**

Identne FprEN 14319-2:2009  
Tähtaeg 1.03.2010

**Thermal insulating products for building equipment and industrial installations - In-situ formed dispensed rigid polyurethane (PUR) and polyisocyanurate foam (PIR) products - Part 2: Specification for the installed insulation products**

This European Standard specifies requirements for in-situ formed dispensed polyurethane (PUR) and polyisocyanurate (PIR) foam products for the insulation of building equipment industrial installations, for example storage vessels, pipes and ducts used for the supply of fuels, oil, other liquids, hot and cold water, air and other gases. Depending on the type of foam products complying with this European Standard, they may have service temperature ranges which lie within the limits of  $\pm 200^{\circ}\text{C}$ .

Keel en

**FprEN 15599-1**

Identne FprEN 15599-1:2009  
Tähtaeg 1.03.2010

**Ehituslikud ja töenduslikud soojusisolatsioonitooted. In situ paisutatud perliidist (EP) toodetest moodustatud soojusisolatsioon. Osa 1: Tihendatud ja puistetoodete spetsifikatsioon enne paigaldamist**

This European Standard specifies the requirements for expanded perlite products which are used for the thermal insulation of building equipment and industrial installations with an operating temperature in the range of approximately  $-270^{\circ}\text{C}$  to  $+650^{\circ}\text{C}$ . This European Standard specifies the requirements for the four types of expanded perlite products Perlite Aggregate (EPA), Coated Perlite (EPC), Hydrophobic Perlite (EPH) and Premixed Perlite (EPM), containing less than 1 % by mass organic material as determined by Annex C. This European Standard is a specification for the insulation products before installation. This European Standard describes the product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling.

Keel en

**FprEN 15600-1**

Identne FprEN 15600-1:2009  
Tähtaeg 1.03.2010

**Ehituslikud ja töenduslikud soojusisolatsioonitooted. In situ paisutatud vermikuliidist (EV) toodetest moodustatud soojusisolatsioon. Osa 1: Tihendatud ja puistetoodete spetsifikatsioon enne paigaldamist**

This European Standard specifies the requirements for exfoliated vermiculite products which are used for the thermal insulation of building equipment and industrial installations with an operating temperature in the range of approximately  $-40^{\circ}\text{C}$  to  $+1050^{\circ}\text{C}$ . This European Standard specifies the requirements for the four types of exfoliated vermiculite products Vermiculite Aggregate (EVA), Coated Vermiculite (EVC) Hydrophobic Vermiculite (EVH) and Premixed Vermiculite (EVM), containing less than 1 % by mass organic material as determined by Annex C. This European Standard is a specification for the insulation products before installation. This European Standard describes the product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling.

Keel en

**FprEN 15727**

Identne FprEN 15727:2009  
Tähtaeg 1.03.2010

**Ventilation for buildings - Ducts and ductwork components, leakage classification and testing**

This document applies to technical ductwork products, intended for installation in ductwork conforming to EN 1505 and EN 1506, used in air conditioning and ventilation systems defined in the scope of CEN/TC 156. This document specifies the leakage requirements for technical ductwork products, i.e. components in the ductwork that has more functions than conveying air, such as sound attenuators, filter boxes and duct fans etc. The following products are not within the scope of this document: - Ductwork components like bends, reducers and T-pieces are not within the scope of this document. EN 12237 and EN 1507 apply. - Flexible ducts according to EN 13180. - Ducts made of insulation ductboards according to EN 13403. - Dampers according to EN 1751. - Air handling units according to EN 1886. This document is a parallel standard to EN 12237, EN 1507 and EN 1751, based on the same leakage classification.

Keel en

**FprHD 60364-5-52/FprAA**

Identne FprHD 60364-5-52:2009/FprAA:2009  
Tähtaeg 1.03.2010

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

Part 5-52 of IEC 60364 deals with the selection and erection of wiring systems.

Keel en

**prEN 58**

Identne prEN 58:2009

Tähtaeg 1.03.2010

**Bituumen ja bituumensideained. Bituumensideainete proovide võtmine**

Käesolev dokument kirjeldab bituumensideainete proovide võtmise meetodeid uuritava materjali keskmise kvaliteedi määramiseks ja/või keskmisest kvaliteedist kõrvalekallete määramiseks.

Keel en

Asendab EVS-EN 58:2004

**prEN 13614**

Identne prEN 13614:2009

Tähtaeg 1.03.2010

**Bitumen and bituminous binders - Determination of adhesivity of bituminous emulsions by water immersion test**

This European Standard specifies a method for determining the adhesion of a bituminous emulsion coated onto aggregate when immersed in water. The method considers two different aspects of adhesivity i.e. immediate adhesivity and water effect on binder adhesion. The method may be used with a reference aggregate. In that case, it measures the intrinsic adhesion behaviour of a bituminous emulsion. The method may also be used with a specific aggregate as used on a job site. Conformity to the "adhesivity" requirement specified in EN 13808 is to be assessed while measuring the water effect on binder adhesion with a reference aggregate. **WARNING** - The use of this European Standard may involve hazardous materials, operations and equipment. This European Standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this European Standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 13614:2004

**prEN 16025-1**

Identne prEN 16025-1:2009

Tähtaeg 1.03.2010

**Thermal and/or sound insulating products in building construction - Bound EPS ballastings - Part 1: Requirements for factory premixed EPS dry plaster**

This European Standard specifies the requirements for in-situ formed bound EPS products (BEPS) for the thermal and/or sound insulation of buildings when applied to walls, ceilings, roofs and floors. The products are manufactured as factory premixed EPS dry mortar. This Part 1 of the standard is a specification for the bound EPS products before installation. Part 1 of this European standard describes the product characteristics and includes procedures for testing, marking and labelling And the rules for evaluation of conformity, The standard does not specify the required class or level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The classes and levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal conductivity at 10 °C greater than 0,18 W/(m · K) are not covered by this standard. This standard does not cover factory made insulation products in the form of prefabricated shapes or boards made of bound EPS. This European Standard also specifies performance requirements for airborne sound insulation and for acoustic absorption applications.

Keel en

**prEN 16025-2**

Identne prEN 16025-2:2009

Tähtaeg 1.03.2010

**Thermal and/ or sound insulating products in building construction - Bound EPS ballastings - Part 2: Processing of the factory premixed EPS dry plaster**

This European Standard specifies the requirements for in-situ formed bound EPS products (BEPS) for the thermal and/or sound insulation of buildings when applied to walls, ceilings, roofs and floors. This Part 2 of the standard is a specification for the installed insulation products. This part 2 of the Standard also specifies the checks and test methods to be used for the declaration made by the installer of the products. This European Standard does not specify the required level of all properties to be achieved by a product to demonstrate fitness for purpose in a particular application. The required levels are to be found in regulations or non-conflicting standards. This European Standard does not cover bound EPS factory made insulation products.

Keel en

**prEN ISO 3382-3**

Identne prEN ISO 3382-3:2009

ja identne ISO/DIS 3382-3:2009

Tähtaeg 1.03.2010

**Acoustics - Measurement of room acoustic parameters - Part 3: Open plan spaces**

This International Standard specifies methods for the measurement of room acoustic properties in open-plan offices with furnishing. It describes measurement procedures, the apparatus needed, the coverage required, and the method for evaluating the data and presenting the test report. The measurement results can be used to evaluate room acoustic properties in open-plan offices. This standard is intended for medium and large size open-plan offices.

Keel en

**93 RAJATISED****FprEN 14023**

Identne FprEN 14023:2009

Tähtaeg 1.03.2010

**Bituumen ja bituumensideained. Polümeermodifitseeritud bituumenite määratlemise alused**

This European Standard provides a framework for specifying the characteristics and relevant test methods for polymer modified bitumens which are suitable for use in the construction and maintenance of roads, airfields and other paved areas. This framework covers the following characteristics: - "consistency at intermediate service temperature"; - "consistency at elevated service temperature"; - "cohesion"; - "durability" of consistency; - "brittleness at low service temperature"; - "strain recovery". The cohesion property has been included as a means of discriminating between polymer modified bitumens and other bituminous binders. The other essential requirements, "adhesion" and "setting ability" are indicated by tests carried out on the finished asphalt mixtures. The introduction of classes of convenience in Table 1A, Table 1B and Table 1C enables the selection of the most suitable specification for the bitumen taking account of local conditions of climate and use. The nomenclature of polymer modified bitumens comprises the penetration range and the minimum softening point (see example in Annex A).

Keel en

Asendab EVS-EN 14023:2007

**prEN 1344**

Identne prEN 1344:2009

Tähtaeg 1.03.2010

**Keraamilised sillutuskivid. Nõuded ja katsemeetodid**

This European Standard specifies the requirements of pavers and accessories manufactured from clay for use in the flexible form of construction (pavers laid with narrow sand-filled joints on a sand bed) and in the rigid form of construction (pavers laid with cementitious mortar joints on a similar mortar bed, itself placed on a rigid base). The standard applies to rectangular and other shaped units intended as construction products mainly for exterior use in pavements but which may also be used internally. The flexible form of construction will be subjected to pedestrian and vehicular traffic, while the rigid form of construction is usually subjected to pedestrian traffic. It excludes products intended for refractory and chemical engineering applications and clay floor tiles. It also excludes clay masonry units. This Standard does not deal with the tactility or visibility of units. This European Standard specifies the characteristics and classes of performance measured according to test methods given in normative annexes. It provides for product marking and for the evaluation of conformity of the product to this European Standard.

Keel en

Asendab EVS-EN 1344:2002

**97 OLME. MEELELAHUTUS. SPORT****EN 957-4:2006/FprA1**

Identne EN 957-4:2006/FprA1:200

Tähtaeg 1.03.2010

**Statsionaarne treenimisvarustus. Osa 4: Jõutreeninguvarustus, täiendavad spetsiaalsed ohutusnõuded ja katsemeetodid**

Käesolev standardi osa määrab lisaks normdokumendis EN 957-1 esitatud üldistele ohutusnõuetele kindlaks ohutusnõuded statsionaarse jõutreeninguvarustuse ja kinnitamata tõstekangide jaoks, mida kasutatakse harjutuste tegemise ajal. Käesolev standardi osa on kohaldatav statsionaarsele jõutreeninguvarustusele (tüüp 4) klassiga S ja H. See muudab ja täiendab normdokumenti 957-1. Käesoleva standardi nõuded on üldises standardis kindlaksmääratud nõuete suhtes ülimuslikud.

Keel en

**EN 60335-2-37:2003/FprA2**

Identne EN 60335-2-37:2002/FprA2:2009

ja identne IEC 60335-2-37:2002/A2:200X

Tähtaeg 1.03.2010

**Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 2-37: Erinõuded kaubanduslikele elektrifritüüridele**

Deals with the safety of electrical air-cleaning appliances for household and similar purposes, whose rated voltages is not more than 250 V for single-phase appliances and 480 V for other appliances. Is to be used in conjunction with IEC 335-1 (third edition).

Keel en

**prEN 16014**

Identne prEN 16014:2009

Tähtaeg 1.03.2010

**Hardware for furniture - Strength and durability of locking mechanism**

This document specifies test methods and requirements for the strength and durability of all types of locking mechanisms for furniture and their components for all fields of application.

Keel en