

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

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

FprEN 9120

Identne FprEN 9120:2009

Tähtaeg 29.04.2010

Quality Management Systems - Requirements for Aviation, Space and Defence Distributors

This European Standard includes ISO 9001:2008(1) quality management system requirements and specifies additional aviation, space and defence industry requirements, definitions and notes as shown in bold, italic text. It is emphasized that the requirements specified in this standard are complementary (not alternative) to contractual and applicable statutory and regulatory requirements. Should there be a conflict between the requirements of this standard and applicable statutory or regulatory requirements, the latter shall take precedence. This European Standard specifies requirements for a quality management system where an organization: a) needs to demonstrate its ability to consistently provide product that meets customer and applicable statutory and regulatory requirements; and b) aims to enhance customer satisfaction through the effective application of the system, including processes for continual improvement of the system and the assurance of conformity to customer and applicable statutory and regulatory requirements.

Keel en

Asendab EVS-EN 9120:2006

prEN ISO 14825

Identne prEN ISO 14825:2010

ja identne ISO/DIS 14825:2010

Tähtaeg 29.04.2010

Geographic Data Files - GDF5.0

This International Standard specifies the conceptual and logical data model and physical encoding formats for geographic data bases for Intelligent Transport Systems (ITS) applications and services. It includes a specification of potential contents of such data bases (data dictionaries for Features, Attributes and Relationships), a specification of how these contents shall be represented, and of how relevant information about the database itself can be specified (metadata). The focus of this International Standard is on ITS applications and services and it emphasizes road and road related information. ITS applications and services, however, also require information in addition to road and road related information.

Keel en

Asendab EVS-EN ISO 14825:2004

11 TERVISEHOOLDUS

EN ISO 15912:2006/prA1

Identne EN ISO 15912:2006/prA1:2010

ja identne ISO 15912:2006/DAM 1:2010

Tähtaeg 29.04.2010

Stomatoloogia. Investeeringud valamisseadmetesse ja tulekindlad stantsimismaterjalid

This International Standard is applicable to dental investment, brazing and refractory die materials, regardless of the nature of the binding system or the particular application. This International Standard classifies investments into types according to their intended use and classes according to the burn-out procedure recommended by the manufacturer.

Keel en

EN ISO 21671:2006/prA1

Identne EN ISO 21671:2006/prA1:2009

ja identne ISO 21671:2006/DAM 1:2009

Tähtaeg 29.04.2010

Dentistry - Rotary polishers

This International Standard specifies the dimensions and other requirements for the most commonly used polishers which are used at the working place of the dentist and/or in the dental laboratory. This International Standard is applicable to unmounted and mounted polishers.

Keel en

EN ISO 24234:2004/prA1

Identne EN ISO 24234:2004/prA1:2010

ja identne ISO 24234:2004/DAM 1:2010

Tähtaeg 29.04.2010

Dentistry - Mercury and alloys for dental amalgam

This International Standard specifies the requirements and test methods for alloys and for mercury suitable for the preparation of dental amalgam, together with the requirements and test methods for that amalgam and the requirements for packaging and marking.

Keel en

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS**FprEN 13823**

Identne FprEN 13823:2009

Tähtaeg 29.04.2010

Ehitustoodete tuletundlikkuse katsed. Ehitustoodete, v.a põrandakatted, termiline mõjutamine üksiku põleva objekti poolt

This European Standard specifies a method of test for determining the reaction to fire performance of construction products excluding floorings, and excluding products which are indicated in Table 1 of the EC Decision 2000/147/EC, when exposed to thermal attack by a single burning item (SBI). The calculation procedures are given in Annex A. Information on the precision of the test method is given in Annex B. The calibration procedures are given in Annexes C and D, of which C is a normative annex.

Keel en

Asendab EVS-EN 13823:2007

prEN 1839

Identne prEN 1839:2009

Tähtaeg 29.04.2010

Gaaside ja aurude plahvatuspiiride kindlaksmääramine

This European Standard specifies two test methods (method T and method B) to determine the explosion limits of gases, vapours and their mixtures, mixed with air. An air/inert gas mixture (volume fraction of the oxygen < 21 %) can be used as the oxidizer instead of air. In this standard the term "air" includes such air/inert mixtures. This European Standard applies to gases, vapours and their mixtures at atmospheric pressure and at temperatures from ambient temperature to 200 °C.

Keel en

Asendab EVS-EN 1839:2003

prEN 13071-3

Identne prEN 13071-3:2010

Tähtaeg 29.04.2010

Stationary waste containers up to 5 000 l, top lifted and bottom emptied - Part 3: Recommended lifting connections

This European Standard covers the requirements for the container lifting connections to be used during the loading and unloading operations of the containers top lifted and bottom emptied.

Keel en

prEN 16039

Identne prEN 16039:2010

Tähtaeg 29.04.2010

Water quality - Guidance standard on assessing the hydromorphological features of lakes

This document is applicable to lakes with surface areas greater than 1 ha (0,01 km²) and maximum depths (at mean water level) greater than 1 m. All types of permanent lakes, including natural, modified and artificial, freshwater and brackish, except for those systems which regularly connect to the sea, are included in this European Standard, though canals are excluded. Based on these criteria it can be estimated that there are at least 500,000 natural lakes across Europe, most of which are located in the glaciated landscapes in northern and western provinces and in Scandinavia. Lakeland districts also occur locally in areas such as the Danubian plain and around the Alps. Elsewhere naturally occurring lakes are relatively sparse and in such areas reservoirs or pits are more common.

Keel en

prEN ISO 9094

Identne prEN ISO 9094:2010

ja identne ISO/DIS 9094:2010

Tähtaeg 29.04.2010

Väikelaevad. Tulekaitse.

This International Standard defines a practical degree of fire prevention and protection intended to provide enough time for crew to escape a fire on board small craft. The standard specifies minimum requirements for craft layout, the installation of craft systems, fire fighting and escape and provides guidance on fire detection. It is intended to apply to small craft with a hull length, LH, not exceeding 24 m. Personal watercrafts are excluded from the scope of this standard.

Keel en

Asendab EVS-EN ISO 9094-1:2003; EVS-EN ISO 9094-2:2003

prEN ISO 10882-1

Identne prEN ISO 10882-1:2009
ja identne ISO/DIS 10882-1:2009
Tähtaeg 29.04.2010

Health and safety in welding and allied processes - Sampling of airborne particles and gases in the operator's breathing zone - Part 1: Sampling of airborne particles

This Part of ISO 10882 specifies a procedure for personal sampling of airborne particles from welding and allied processes. It also specifies a procedure for gravimetric determination of personal exposure to airborne particles in the operator's breathing zone and provides references to suitable methods, described in other standards, on the use of chemical analysis to determine personal exposure to specific chemical agents present in welding fume and other airborne particles generated by welding related operations. The general background level of airborne particles in the workplace atmosphere influences personal exposure and therefore the role of fixed point sampling is also considered.

Keel en

Asendab EVS-EN ISO 10882-1:2001

prEN ISO 15011-5

Identne prEN ISO 15011-5:2009
ja identne ISO/DIS 15011-5:2009
Tähtaeg 29.04.2010

Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 5: Identification of thermal-degradation products generated when welding or cutting through products composed wholly or partly of organic materials using pyrolysis-gas

This standard specifies procedures for obtaining information about thermal degradation products generated when welding, cutting through, preheating and straightening metal treated with coatings composed wholly or partly of organic substances, e.g. shop primers, paints, oils, waxes and inter-weld materials such as adhesives and sealants. It is aimed primarily at test laboratories performing such procedures. The data generated can be used by coating manufacturers to provide information for inclusion in safety data sheets and by occupational hygienists to identify thermal degradation products of significance in the performance of risk assessments and/or workplace exposure measurements. The data cannot be used to estimate workplace exposure directly. This standard is applicable to all coatings composed partly or wholly of organic materials that could be heated, during welding and cutting, preheating and straightening to temperatures at which thermal degradation products are generated and where it is not apparent what those degradation products will be.

Keel en

Asendab CEN ISO/TS 15011-5:2006

17 METROLOOGIA JA MÕÕTMINE. FÜSIKALISED NÄHTUSED**FprEN ISO 286-2**

Identne FprEN ISO 286-2:2010
ja identne ISO/FDIS 286-2:2010
Tähtaeg 29.04.2010

Geometrical product specifications (GPS) - ISO code system for tolerances on linear sizes - Part 2: Tables of standard tolerance grades and limit deviations for holes and shafts

This part of ISO 286 gives values of the limit deviations for commonly used tolerance classes for holes and shafts calculated from the tables given in ISO 286-1. This part of ISO 286 covers values for the upper limit deviations eU , hole (for holes) and eU , shaft (for shafts), and the lower limit deviations eL , hole (for holes) and eL , shaft (for shafts) (see Figures 1 and 2).

Keel en

Asendab EVS-EN 20286-2:1999

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD**FprEN 60684-3-205**

Identne FprEN 60684-3-205:2009
ja identne IEC 60684-3-205:200X
Tähtaeg 29.04.2010

Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving -Sheet 205: Heat-shrinkable chlorinated polyolefin sleeving, flame retarded, nominal shrink ratio 1,7:1 and 2:1

This standard gives the requirements for one type of heat-shrinkable chlorinated polyolefin sleeving, flame retarded, nominal shrink ratio 1,7:1 and 2:1 for use at temperatures up to 120 °C: These sleeveings are normally supplied with internal diameters up to 102 mm, and the standard colour is black. Sizes or colours other than those specifically listed in this standard may be available as custom items. These items shall be considered to comply with this standard if they comply with the property requirements listed in Tables 3, 4 and 5 except for dimensions and mass and Table 6, as applicable. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application should be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone

Keel en

FprEN 60684-3-247

Identne FprEN 60684-3-247:2009

ja identne IEC 60684-3-247:200X

Tähtaeg 29.04.2010

Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 247: Heat-shrinkable polyolefin sleeving, dual wall, not flame retarded

This standard gives the requirements for two types of Heat-shrinkable, polyolefin sleeving, dual wall, not flame retarded with a nominal shrink ratio of 3:1. This sleeving has been found suitable for use at temperatures of up to 100 °C. Type A : Medium wall internal diameter up to 200,0 mm typically. Type B : Thick wall internal diameter up to 200,0 mm typically. These sleeveings are normally supplied in colour black. Since these types of sleeveings cover a significantly large range of sizes and wall thicknesses, Annex A, Tables 5 and 6, in this document provides a guide to the range of sizes available. The actual size shall be agreed between the user and supplier. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application should be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone.

Keel en

prEN ISO 898-6

Identne prEN ISO 898-6:2010

ja identne ISO/DIS 898-6:2010

Tähtaeg 29.04.2010

Mechanical properties of fasteners made of carbon steel and alloy steel - Part 6: Nuts with specified proof load values - Fine pitch thread

This part of ISO 898 specifies mechanical and physical properties of nuts with fine pitch thread made of carbon steel and alloy steel when tested at an ambient temperature range of 10 °C to 35 °C. Nuts conforming to the requirements of this standard are evaluated at that ambient temperature range. They may not retain the specified mechanical and physical properties at elevated and/or lower temperatures.

Keel en

Asendab EVS-EN ISO 898-6:1999

prEN ISO 898-2

Identne prEN ISO 898-2:2010

ja identne ISO/DIS 898-2:2010

Tähtaeg 29.04.2010

Mechanical properties of fasteners made of carbon steel and alloy steel - Part 2: Nuts with specified proof load values - Coarse thread

This part of ISO 898 specifies mechanical and physical properties of nuts with coarse thread made of carbon steel and alloy steel when tested at an ambient temperature range of 10 °C to 35 °C. Nuts conforming to the requirements of this standard are evaluated at that ambient temperature range. They may not retain the specified mechanical and physical properties at elevated and/or lower temperatures.

Keel en

Asendab EVS-EN 20898-2:1999

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD**EN 13941:2009/FprA1**

Identne EN 13941:2009/FprA1:2010

Tähtaeg 29.04.2010

Elisoleeritud seotud kaugküttetorustike projekteerimine ja paigaldamine

This European Standard specifies rules for design, calculation and installation for preinsulated bonded pipe systems for buried hot water distribution and transmission networks (cf. figure 2) with pipe assemblies in accordance with EN 253, for continuous operation with hot water at various temperatures up to 120°C and occasionally with peak temperatures up to 140°C and maximum internal pressure 25 bar (overpressure).

Keel en

prEN 12201-3

Identne prEN 12201-3:2010

Tähtaeg 29.04.2010

Plastics piping systems for water supply, and for drainage and sewerage under pressure - Polyethylene (PE) - Part 3: Fittings

This Part of EN 12201 specifies the characteristics of fittings made from polyethylene (PE 100 and PE 80) intended for the conveyance of water for human consumption, including raw water prior to treatment, drainage and sewerage under pressure, vacuum sewer systems, and water for other purposes.

Keel en

Asendab EVS-EN 12201-3:2003; EVS-EN 13244-3:2003

prEN 12201-1

Identne prEN 12201-1:2010

Tähtaeg 29.04.2010

Plastics piping systems for water supply, and for drainage and sewerage under pressure - Polyethylene (PE) - Part 1: General

This Part of EN 12201 specifies the general aspects of polyethylene (PE) pressure piping systems (mains and service pipes) for buried or above ground applications, intended for the conveyance of water for human consumption, including raw water prior to treatment, drainage and sewerage under pressure, vacuum sewer systems, and water for other purposes

Keel en

Asendab EVS-EN 12201-1:2003; EVS-EN 13244-1:2003

prEN 12201-2

Identne prEN 12201-2:2010

Tähtaeg 29.04.2010

Plastics piping systems for water supply, and for drainage and sewerage under pressure - Polyethylene (PE) - Part 2: Pipes

This Part of EN 12201 specifies the characteristics of pipes made from polyethylene (PE 100, PE 80, and PE 40) for buried and above ground applications, intended for the conveyance of water for human consumption, including raw water prior to treatment, drainage and sewerage under pressure, vacuum sewer systems, and water for other purposes.

Keel en

Asendab EVS-EN 12201-2:2003; EVS-EN 13244-2:2003

prEN 12201-5

Identne prEN 12201-5:2010

Tähtaeg 29.04.2010

Plastics piping systems for water supply, and for drainage and sewerage under pressure - Polyethylene (PE) - Part 5: Fitness for purpose of the system

This Part of EN 12201 specifies the characteristics of the fitness for purpose of the assembled piping systems intended for the conveyance of water intended for human consumption, including raw water prior to treatment, drainage and sewerage under pressure, vacuum sewer systems, and water for other purposes. It also specifies the method of preparation of test piece joints, and the tests to be carried out on these joints for assessing the fitness for purpose of the system under normal and extreme conditions.

Keel en

Asendab EVS-EN 12201-5:2003; EVS-EN 13244-5:2003

prEN ISO 11439

Identne prEN ISO 11439:2009

ja identne ISO/DIS 11439:2009

Tähtaeg 29.04.2010

Gas cylinders - High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles - Complementary element

This International Standard specifies minimum requirements for serially produced light-weight refillable gas cylinders intended only for the on-board storage of high pressure compressed natural gas as a fuel for automotive vehicles to which the cylinders are to be fixed. The service conditions do not cover external loadings that may arise from vehicle collisions, etc. This International Standard covers cylinders of any steel, aluminium or non-metallic material construction, using any design or method of manufacture suitable for the specified service conditions. This International Standard does not cover cylinders of stainless steel or of welded construction. Although this standard uses 200 bar as a reference working pressure, other working pressures may be used

Keel en

Asendab EVS-EN ISO 11439:2001

25 TOOTMISTEHNOLLOOGIA

EN 14730-1:2006/FprA1

Identne EN 14730-1:2006/FprA1:2010

Tähtaeg 29.04.2010

Railway applications - Track - Aluminothermic welding of rails - Part 1: Approval of welding processes

This standard defines the laboratory tests and requirements for approval of an aluminothermic welding process using welds produced in workshop conditions. It applies to the joining of new, Vignole rails as described in EN 13674-1 of the same profile and steel grade. Compliance with the requirements of this standard does not of itself ensure the suitability of a welding process for specific conditions of track and traffic. The standard does not cover welds made between different rail sections, differently worn rails and different rail grades. In addition to the definitive requirements this standard also requires the items detailed in Clause 4 to be documented. For compliance with this standard, it is important that both the definitive requirements and the documented items be satisfied.

Keel en

EN 61029-2-4:2003/FprAB

Identne EN 61029-2-4:2003/FprAB:2009

Tähtaeg 29.04.2010

Teisaldatavate mootorajamiga elektritööriistade ohutus. Osa 2-4: Erinõuded lihvpinkidele

Applies to bench grinders with a wheel diameter not exceeding 200 mm and a peripheral speed not exceeding 50 m/s.

Keel en

prEN 12732

Identne prEN 12732:2009

Tähtaeg 29.04.2010

Gas infrastructure - Welding steel pipework - Functional requirements

This European Standard contains requirements for the production and testing of weld joints for the installation and modification of onshore steel pipelines and pipework used in gas supply systems, including in-service pipelines, for all pressure ranges for the carriage of processed, non-toxic and non-corrosive natural gas according to EN ISO 13686, where - the pipeline elements are made of unalloyed or low-alloyed carbon steel; - the pipeline is not located within commercial or industrial premises as integral part of the industrial process on those premises except for any pipelines and facilities supplying such premises; - the pipework is not located within household installations according to EN 1775; - the design temperature of the system is between -40 °C and 120 °C inclusive.

Keel en

Asendab EVS-EN 12732:2007

prEN ISO 10882-1

Identne prEN ISO 10882-1:2009

ja identne ISO/DIS 10882-1:2009

Tähtaeg 29.04.2010

Health and safety in welding and allied processes - Sampling of airborne particles and gases in the operator's breathing zone - Part 1: Sampling of airborne particles

This Part of ISO 10882 specifies a procedure for personal sampling of airborne particles from welding and allied processes. It also specifies a procedure for gravimetric determination of personal exposure to airborne particles in the operator's breathing zone and provides references to suitable methods, described in other standards, on the use of chemical analysis to determine personal exposure to specific chemical agents present in welding fume and other airborne particles generated by welding related operations. The general background level of airborne particles in the workplace atmosphere influences personal exposure and therefore the role of fixed point sampling is also considered.

Keel en

Asendab EVS-EN ISO 10882-1:2001

prEN ISO 11127-1

Identne prEN ISO 11127-1:2009

ja identne ISO/DIS 11127-1:2009

Tähtaeg 29.04.2010

Teraspindade ettevalmistamine enne värvide ja samalaadsete toodete pealekandmist. Mittemetalliliste jugapuhastusabasiivide katsemeetodid. Osa 1: Proovivõtmine

This is one of a number of parts of ISO 11127 dealing with the sampling and testing of non-metallic abrasives for blast-cleaning. The types of non-metallic abrasive and requirements on each are contained in ISO 11126. The ISO 11126 and ISO 11127 series have been drafted as a coherent set of International Standards on non-metallic blast-cleaning abrasives. Information on all parts of both series is given in annex B. This part of ISO 11127 specifies a method for the sampling of non-metallic blast-cleaning abrasives from consignments and for the subdivision of the sample into quantities suitable for undertaking the appropriate test methods specified in other parts of ISO 11127.

Keel en

Asendab EVS-EN ISO 11127-1:2000

prEN ISO 11127-2

Identne prEN ISO 11127-2:2009

ja identne ISO/DIS 11127-2:2009

Tähtaeg 29.04.2010

Teraspindade ettevalmistamine enne värvide ja samalaadsete toodete pealekandmist. Mittemetalliliste jugapuhastusabasiivide katsetamise meetodid. Osa 2: Osakeste suurusjaotuse määramine

This is one of a number of parts of ISO 11127 dealing with the sampling and testing of non-metallic abrasives for blast-cleaning. The types of non-metallic abrasive and requirements on each are contained in ISO 11126. The ISO 11126 and ISO 11127 series have been drafted as a coherent set of International Standards on non-metallic blast-cleaning abrasives. Information on all parts of both series is given in annex A. This part of ISO 11127 specifies a method for the determination of the particle size distribution of non-metallic blast-cleaning abrasives by sieving.

Keel en

Asendab EVS-EN ISO 11127-2:2000

prEN ISO 11127-3

Identne prEN ISO 11127-3:2009
ja identne ISO/DIS 11127-3:2009
Tähtaeg 29.04.2010

Teraspindade ettevalmistamine enne värvide ja nendega seotud materjalide pealekandmist. Mittemetalliliste jugapuhastusabasiivide katsemeetodid. Osa 3: Näivtiheduse määramine

This is one of a number of parts of ISO 11127 dealing with the sampling and testing of non-metallic abrasives for blast-cleaning. The types of non-metallic abrasive and requirements on each are contained in ISO 11126. The ISO 11126 and ISO 11127 series have been drafted as a coherent set of International Standards on non-metallic blast-cleaning abrasives. Information on all parts of both series is given in annex A. This part of ISO 11127 specifies a method for the determination of the apparent density of non-metallic blast-cleaning abrasives.

Keel en

Asendab EVS-EN ISO 11127-3:1999

prEN ISO 11127-4

Identne prEN ISO 11127-4:2009
ja identne ISO/DIS 11127-4
Tähtaeg 29.04.2010

Teraspindade ettevalmistamine enne värvide ja nendega seotud materjalide pealekandmist. Mittemetalliliste jugapuhastusabasiivide katsemeetodid. Osa 4: Kõvaduse määramine klaasinihkekatsega

This is one of a number of parts of ISO 11127 dealing with the sampling and testing of non-metallic abrasives for blast-cleaning. The types of non-metallic abrasive and requirements on each are contained in ISO 11126. The ISO 11126 and ISO 11127 series have been drafted as a coherent set of International Standards on non-metallic blast-cleaning abrasives. Information on all parts of both series is given in annex A. This part of ISO 11127 specifies a method of assessing whether a non-metallic blast-cleaning abrasive has a minimum hardness of 6 on Mohs' scale.

Keel en

Asendab EVS-EN ISO 11127-4:1999

prEN ISO 11127-5

Identne prEN ISO 11127-5:2009
ja identne ISO/DIS 11127-5:2009
Tähtaeg 29.04.2010

Teraspindade ettevalmistamine enne värvide ja nendega seotud materjalide pealekandmist. Mittemetalliliste jugapuhastusabasiivide katsemeetodid. Osa 5: Niiskuse määramine

This is one of a number of parts of ISO 11127 dealing with the sampling and testing of non-metallic abrasives for blast-cleaning. The types of non-metallic abrasive and requirements on each are contained in ISO 11126. The ISO 11126 and ISO 11127 series have been drafted as a coherent set of International Standards on non-metallic blast-cleaning abrasives. Information on all parts of both series is given in annex A. This part of ISO 11127 specifies a method for the determination of the level of free moisture present in non-metallic blast-cleaning abrasives. It is determined by measuring the mass lost on heating.

Keel en

Asendab EVS-EN ISO 11127-5:1999

prEN ISO 11127-6

Identne prEN ISO 11127-6:2009
ja identne ISO/DIS 11127-6:2009
Tähtaeg 29.04.2010

Teraspindade ettevalmistamine enne värvide ja nendega seotud materjalide pealekandmist. Mittemetalliliste jugapuhastusabasiivide katsemeetodid. Osa 6: Veels lahustuvate kahjulike lisandite konduktomeetriline määramine

This is one of a number of parts of ISO 11127 dealing with the sampling and testing of non-metallic abrasives for blast-cleaning. The types of non-metallic abrasive and requirements on each are contained in ISO 11126. The ISO 11126 and ISO 11127 series have been drafted as a coherent set of International Standards on non-metallic blast-cleaning abrasives. Information on all parts of both series is given in annex A. This part of ISO 11127 specifies a method for the determination of water-soluble contaminants in non-metallic blast-cleaning abrasives by conductivity measurement.

Keel en

Asendab EVS-EN ISO 11127-6:1999

prEN ISO 11127-7

Identne prEN ISO 11127-7:2009
ja identne ISO/DIS 11127-7:2009
Tähtaeg 29.04.2010

Teraspindade ettevalmistamine enne värvide ja nendega seotud materjalide pealekandmist. Mittemetalliliste jugapuhastusabasiivide katsemeetodid. Osa 7: Veels lahustuvate kloriidide määramine

This is one of a number of parts of ISO 11127 dealing with the sampling and testing of non-metallic abrasives for blast-cleaning. The types of non-metallic abrasive and requirements on each are contained in ISO 11126. The ISO 11126 and ISO 11127 series have been drafted as a coherent set of International Standards on non-metallic blast-cleaning abrasives. Information on all parts of both series is given in annex A. This part of ISO 11127 specifies a method for the determination of water-soluble chlorides in non-metallic blast-cleaning abrasives.

Keel en

Asendab EVS-EN ISO 11127-7:1999

prEN ISO 15011-5

Identne prEN ISO 15011-5:2009

ja identne ISO/DIS 15011-5:2009

Tähtaeg 29.04.2010

Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 5: Identification of thermal-degradation products generated when welding or cutting through products composed wholly or partly of organic materials using pyrolysis-gas

This standard specifies procedures for obtaining information about thermal degradation products generated when welding, cutting through, preheating and straightening metal treated with coatings composed wholly or partly of organic substances, e.g. shop primers, paints, oils, waxes and inter-weld materials such as adhesives and sealants. It is aimed primarily at test laboratories performing such procedures. The data generated can be used by coating manufacturers to provide information for inclusion in safety data sheets and by occupational hygienists to identify thermal degradation products of significance in the performance of risk assessments and/or workplace exposure measurements. The data cannot be used to estimate workplace exposure directly. This standard is applicable to all coatings composed partly or wholly of organic materials that could be heated, during welding and cutting, preheating and straightening to temperatures at which thermal degradation products are generated and where it is not apparent what those degradation products will be.

Keel en

Asendab CEN ISO/TS 15011-5:2006

27 ELEKTRI- JA SOOJUSENERGEETIKA**FprEN 125**

Identne FprEN 125:2010

Tähtaeg 29.04.2010

Seadised gaasipõletusseadmete leegi kontrollimiseks. Termoelektrilised leegi kontrollseadised

This European Standard specifies the safety, construction and performance requirements for thermoelectric flame supervision devices, energized by a thermocouple intended for use with gas burners, gas appliances and similar use, hereafter referred to as 'controls'. This European Standard is applicable to controls with declared maximum inlet pressures up to and including 500 kPa (5 bar) of nominal connection sizes up to and including DN 50 for use with one or more fuel gases in accordance with EN 437. This European Standard is not applicable to a) the thermocouple; b) controls which use auxiliary energy (e.g. electrical energy supplied externally). NOTE Provisions for final product inspection and testing by the manufacturer are not specified.

Keel en

Asendab EVS-EN 125:1999

FprEN 61226

Identne FprEN 61226:2009

ja identne IEC 61226:2009

Tähtaeg 29.04.2010

Nuclear power plants - Instrumentation and control important to safety - Classification of instrumentation and control functions

This International Standard establishes a method of classification of the information and command functions for nuclear power plants, and the I&C systems and equipment that provide those functions, into categories that designate the importance to safety of the function. The resulting classification then determines relevant design criteria. The design criteria are the measures of quality by which the adequacy of each function in relation to its importance to plant safety is ensured. In this standard, the criteria are those of functionality, reliability, performance, environmental durability (including seismic) and quality assurance (QA).

Keel en

prEN 50548

Identne prEN 50548:2009

Tähtaeg 29.04.2010

Junction boxes for photovoltaic modules

This European Standard applies to junction boxes up to 1 500 V DC for use on photovoltaic modules according to application class A of EN 61730-1:2007.

Keel en

prEN ISO 13706

Identne prEN ISO 13706:2010

ja identne ISO/DIS 13706:2010

Tähtaeg 29.04.2010

Petroleum, petrochemical and natural gas industries - Air-cooled heat exchangers

This International Standard gives requirements and recommendations for the design, materials, fabrication, inspection, testing and preparation for shipment of air-cooled heat exchangers for use in the petroleum and natural gas industries. This International Standard is applicable to air-cooled heat exchangers with horizontal bundles, but the basic concepts may also be applied to other configurations.

Keel en

Asendab EVS-EN ISO 13706:2005

29 ELEKTROTEHNIKA**EN 60061-1:2001/FprA45**

Identne EN 60061-1:1993/FprA45:2009

ja identne IEC 60061-1:1969/A45:200X

Tähtaeg 29.04.2010

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

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

Keel en

EN 60061-2:2001/FprA42

Identne EN 60061-2:1993/FprA42:2009

ja identne IEC 60061-2:1969/A42:200X

Tähtaeg 29.04.2010

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

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

Keel en

FprEN 50180

Identne FprEN 50180:2009

Tähtaeg 29.04.2010

Bushings above 1 kV up to 52 kV and from 250 A to 3,15 kA for liquid filled transformers

This European Standard is applicable to ceramic and resin insulated bushings having highest voltages above 1 kV up to 52 kV, rated currents from 250 A up to 3 150 A and frequencies from 15 Hz up to 60 Hz for insulating liquid filled transformers. This standard establishes essential dimensions, to ensure interchangeability of bushings and to ensure adequate mounting and interchangeability of mating plug-in separable connectors of equivalent ratings.

Keel en

Asendab EVS-EN 50180:2002

FprEN 60034-2-2

Identne FprEN 60034-2-2:2009

ja identne IEC 60034-2-2:200X

Tähtaeg 29.04.2010

Rotating electrical machines - Part 2-2: Specific methods for determining separate losses of large machines from tests - Supplement to IEC 60034-2-1

This part of IEC 60034 applies to large rotating electrical machines and establishes additional methods of determining separate losses and to define an efficiency supplementing IEC 60034-2-1. These methods apply when full-load testing is not practical and result in a greater uncertainty. NOTE In situ testing according to the calorimetric method for full-load conditions is recognized. The specific methods described are: – Calibrated-machine method. – Retardation method. – Calorimetric method.

Keel en

FprEN 60079-19

Identne FprEN 60079-19:2009

ja identne IEC 60079-19:200X

Tähtaeg 29.04.2010

Explosive atmospheres -- Part 19: Equipment repair, overhaul and reclamation

This part of IEC 60079 - gives instructions, principally of a technical nature, on the repair, overhaul, reclamation and modification of electrical equipment designed for use in explosive atmospheres; - is not applicable to maintenance, other than when repair and overhaul cannot be disassociated from maintenance, neither does it give advice on cable entry systems which may require a renewal when the equipment is re-installed; - is not applicable to type of protection 'm', 'o' and 'q'; - assumes that good engineering practices are adopted throughout.

Keel en

Asendab EVS-EN 60079-19:2007

FprEN 60079-35-1

Identne FprEN 60079-35-1:2009

ja identne IEC 60079-35-1:200X

Tähtaeg 29.04.2010

Caplights for use in mines susceptible to firedamp - Part 1: General requirements - Construction and testing in relation to the risk of explosion

This part of IEC 60079-35 specifies requirements for the construction and testing of caplights, including caplights with a point of connection for other equipment, for use in mines susceptible to firedamp (Group I – electrical equipment for explosive gas atmospheres as defined in IEC 60079-0). It deals only with the risk of the caplight becoming a source of ignition.

Keel en

FprEN 60695-6-2

Identne FprEN 60695-6-2:2009

ja identne IEC 60695-6-2:200X

Tähtaeg 29.04.2010

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

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

Keel en

FprEN 60929

Identne FprEN 60929:2009

ja identne IEC 60929:200X

Tähtaeg 29.04.2010

AC and/or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements

This international Standard specifies performance requirements for electronic control gear for use on a.c. and/or d.c. supplies up to 1 000 V at 50 Hz or 60 Hz with operating frequencies deviating from the supply frequency, associated with fluorescent lamps as specified in IEC 60081 and IEC 60901, and other fluorescent lamps for high-frequency operation.

Keel en

Asendab EVS-EN 60929:2006

FprEN 62271-203

Identne FprEN 62271-203:2009

ja identne IEC 62271-203:200X

Tähtaeg 29.04.2010

High-voltage switchgear and controlgear - Part 203: Gas-insulated metal-enclosed switchgear for rated voltages above 52 kV

This standard specifies requirements for gas-insulated metal-enclosed switchgear in which the insulation is obtained, at least partly, by an insulating gas other than air at atmospheric pressure, for alternating current of rated voltages above 52 kV, for indoor and outdoor installation, and for service frequencies up to and including 60 Hz. For the purpose of this standard, the terms "GIS" and "switchgear" are used for "gas-insulated metal-enclosed switchgear". The gas-insulated metal-enclosed switchgear covered by this standard consists of individual components intended to be directly connected together and able to operate only in this manner. This standard completes and amends, if necessary, the various relevant standards applying to the individual components constituting GIS.

Keel en

Asendab EVS-EN 62271-203:2004

FprEN 62660-1

Identne FprEN 62660-1:2009

ja identne IEC 62660-1:200X

Tähtaeg 29.04.2010

Secondary batteries for the propulsion of electric road vehicles - Part 1: Performance testing for lithium-ion cells

This part of IEC 62660 specifies performance and life testing of secondary lithium-ion cells used for propulsion of electric vehicles including battery electric vehicles (BEV) and hybrid electric vehicles (HEV). The objective of this standard is to specify the test procedures to obtain the essential characteristics of lithium-ion cells for vehicle propulsion applications regarding capacity, power density, energy density, storage life and cycle life. This standard provides the standard test procedures and conditions for testing basic performance characteristics of lithium-ion cells for vehicle propulsion applications, which are indispensable for securing a basic level of performance and obtaining essential data on cells for various designs of battery systems and battery packs.

Keel en

FprEN 62660-2

Identne FprEN 62660-2:2009

ja identne IEC 62660-2:200X

Tähtaeg 29.04.2010

Secondary batteries for the propulsion of electric road vehicles - Part 2: Reliability and abuse testing for lithium-ion cells

This part of IEC 62660 specifies test procedures to observe the reliability and abuse behaviour of secondary lithium-ion cells used for propulsion of electric vehicles including battery electric vehicles (BEV) and hybrid electric vehicles (HEV). The objective of this standard is to specify the standard test procedures and conditions for basic characteristics of lithium-ion cells for use in propulsion of battery and hybrid electric vehicles. The tests are indispensable for obtaining essential data on reliability and abuse behaviour of lithium-ion cells for use in various designs of battery systems and battery packs. This standard provides standard classification of description of test results to be used for the design of battery systems or battery packs.

Keel en

prEVS-IEC 60364-7-710

ja identne IEC 60364-7-710:2002

Tähtaeg 29.04.2010

Ehitiste elektripaigaldised. Osa 7-710: Nõuded eripaigaldistele ja -paikadele. Raviruumid

Standardisarja IEC 60364 käesoleva osa täpsustavad nõuded on kehtestatud raviruumide elektripaigaldistele, tagamaks patsientide ja meditsiinipersonali ohutust. Toodud nõuded käivad eelkõige haiglate, erakliinikute, üld- ja hambaravi ruumide, tervishoiu keskuste ja meditsiiniliseks otstarbeks kohandatud ruumide kohta asutustes.

MÄRKUS 1 Kui olemasolev ruum muutetakse raviotstarbeliseks, siis võib tekkida vajadus kohandada elektripaigaldis vastavaks käesolevale standardile. Kui olemasolevas paigaldises kavatakse sooritada südamelähedasi protseduure, tuleb kohandamisele pöörata erilist tähelepanu.

MÄRKUS 2 Käesolevat standardit tuleb rakendada ka veterinaarkliinikutele, kus võimalik. Standardisarja käesolevat osa ei kohaldata meditsiinilistele elektriseadmetele.

MÄRKUS 3 Meditsiiniliste elektriseadmete kohta käib standardiseerija IEC 60601.

Keel en

Asendatud FprHD 60364-7-710

31 ELEKTROONIKA**EN 60539-2:2004/FprA1**

Identne EN 60539-2:2004/FprA1:2009

ja identne IEC 60539-2:2003/A1:200X

Tähtaeg 29.04.2010

Directly heated negative temperature coefficient thermistors - Part 2: Sectional specification - Surface mount negative temperature coefficient thermistors

is applicable to surface mount directly heated negative temperature coefficient thermistors, typically made from transition metal oxide materials with semiconducting properties. These thermistors have metallized connecting pads or soldering strips and are intended to be mounted directly on to substrates for hybrid circuits or on to printed boards.

Keel en

FprEN 60512-9-3

Identne FprEN 60512-9-3:2009

ja identne IEC 60512-9-3:200X

Tähtaeg 29.04.2010

Connectors for electronic equipment - Tests and measurements Part 9-3: Endurance tests - Test 9c: Mechanical operation engaging/separating) with electrical load

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of IEC technical committee 48. This test may also be used for similar devices when specified in a detail specification. The object of this document is to define a standard test method to assess the mechanical and electrical operational endurance of connector in the normal operating mode with a specified electrical load.

Keel en

Asendab EVS-EN 60512-9-3:2006

FprEN 61182-2-2

Identne FprEN 61182-2-2:2009

ja identne IEC 61182-2-2:200X

Tähtaeg 29.04.2010

Printed board assembly products - Manufacturing description data and transfer methodology - Part 2-2: Sectional requirements for implementation of printed board fabrication data description

This part of IEC 61182-2 provides the information on the manufacturing requirements used for fabricating printed boards. This standard determines the XML schema details, defined in the generic standard (61182-2) and some of the sectional standards that are required to accomplish the focused tasks. When other standards are invoked, their requirements become a mandatory part of the fabrication details as defined in the IEC 61182-2

Keel en

FprEN 61967-8

Identne FprEN 61967-8:2009

ja identne IEC 61967-8:200X

Tähtaeg 29.04.2010

Integrated circuits - Measurement of electromagnetic emissions, 150 kHz to 1 GHz- Part 8: Measurement of radiated emissions - IC stripline method

This measurement procedure defines a method for measuring the electromagnetic radiated emission from an integrated circuit (IC) using an IC stripline in the frequency range of 150 kHz up to 3 GHz. The IC being evaluated is mounted on an EMC test board (PCB) between the active conductor and the ground plane of the IC stripline arrangement.

Keel en

33 SIDETEHNIKA**EN 55011:2009/FprA1**

Identne EN 55011:2009/FprA1:2009

ja identne CISPR 11:2009/A1:200X

Tähtaeg 29.04.2010

Tööstus-, teadus- ja meditsiiniseadmed. Raadiosageduslike häiringute tunnussuurused. Piirväärtused ja mõõtemetodid

This International Standard applies to industrial, scientific and medical electrical equipment operating in the frequency range 0 Hz to 400 GHz and to domestic and similar appliances designed to generate and/or use locally radio-frequency energy. This standard covers emission requirements related to radio-frequency (RF) disturbances in the frequency range of 9 kHz to 400 GHz.

Measurements need only be performed in frequency ranges where limits are specified in Clause 6. For ISM RF applications in the meaning of the definition found in the ITU Radio Regulations (see Definition 3.1), this standard covers emission requirements related to radio-frequency disturbances in the frequency range of 9 kHz to 18 GHz. Requirements for ISM RF lighting apparatus and UV irradiators operating at frequencies within the ISM frequency bands defined by the ITU Radio Regulations are contained in this standard. Equipment covered by other CISPR product and product family emission standards are excluded from the scope of this standard.

Keel en

FprEN 60793-1-41

Identne FprEN 60793-1-41:2009

ja identne IEC 60793-1-41:200X

Tähtaeg 29.04.2010

Optical fibres - Part 1-41: Measurement methods and test procedures - Bandwidth

This part of IEC 60793 describes three methods for determining and measuring the modal bandwidth of multimode optical fibres (see IEC 60793-2-10, 30 and 40). The baseband frequency response is directly measured in the frequency domain by determining the fibre response to a sinusoidally modulated light source. The baseband response can also be measured by observing the broadening of a narrow pulse of light. The calculated response is determined using differential mode delay (DMD) data. The three methods are: Method A – Time domain (pulse distortion) measurement Method B – Frequency-domain measurement Method C – Overfilled launch modal bandwidth calculated from differential mode delay (OMBc)

Keel en

Asendab EVS-EN 60793-1-41:2004

FprEN 60793-2-10

Identne FprEN 60793-2-10:2009

ja identne IEC 60793-2-10:200X

Tähtaeg 29.04.2010

Optical fibres -- Part 2-10: Product specifications - Sectional specification for category A1 multimode fibres

This part of IEC 60793 is applicable to optical fibre types A1a, A1b, and A1d. These fibres are used or can be incorporated in information transmission equipment and optical fibre cables. Type A1a fibre is a 50/125 µm graded index fibre. Type A1a.1 applies to 50/125 µm fibre, while A1a.2 and A1a.3 apply to two bandwidth grades of 850 nm laser-optimised 50/125 µm fibre. Type A1b applies to 62,5/125 µm graded index fibre and A1d applies to 100/140 µm graded index fibre. Other applications include, but are not restricted to, the following: short reach, high bit-rate systems in telephony, distribution and local networks carrying data, voice and/or video services; on-premises intra-building and inter-building fibre installations including Data Centres, LANs, Storage Area Networks, PBXs, video, various multiplexing uses, outside telephone cable plant use, and miscellaneous related uses. Three types of requirements apply to these fibres: - general requirements, as defined in IEC 60793-2; - specific requirements common to the category A1 multimode fibres covered in this standard and which are given in Clause 3; - particular requirements applicable to individual fibre types or specific applications, which are defined in the normative family specification annexes.

Keel en

Asendab FprEN 60793-2-10

FprEN 61300-1

Identne FprEN 61300-1:2009

ja identne IEC 61300-1:200X

Tähtaeg 29.04.2010

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 1: General and guidance

This part of IEC 61300 contains a series of environmental test and measurement procedures and, in some cases, preferred severities designed to assess the ability of fibre optic interconnecting devices and passive components to perform under expected service conditions. Although the severities are primarily intended for land-based communications, the procedures may be used for other applications. The object of this standard is to provide uniform and reproducible environmental test procedures and measurement procedures, for those preparing specifications for fibre optic interconnecting devices and passive components. These test and measurement procedures are designed to provide information on the following properties of components and equipment, such as connectors, splices, switches, attenuators, etc: 1. ability to operate within specified limits of temperature, pressure, humidity, mechanical stress or other environmental conditions and certain combinations of these conditions; 2. ability to withstand storage and transport; 3. ability to meet the specified levels of optical performance. This standard should be used in combination with the relevant specification which will define the tests to be used, the required degree of severity for each of them, their sequence, if relevant, and the permissible performance limits. In the event of conflict between this basic standard and the relevant specification, the latter will take precedence.

Keel en

Asendab FprEN 61300-1

FprEN 61753-086-6

Identne FprEN 61753-086-6:2009

ja identne IEC 61753-086-6:200X

Tähtaeg 29.04.2010

Fibre optic interconnecting devices and passive components performance standard - Part 086-6: Non-connectorised single-mode bidirectional 1490 / 1550 nm downstream and 1310 nm upstream WWDM devices for category O - Uncontrolled environment

This part of IEC 61753 contains the minimum initial performance, test and measurement requirements and severities which a fibre optic pigtailed 1490 / 1550 nm downstream and 1310 nm upstream wide wavelength division multiplexing (WWDM) passive optical network (PON) device must satisfy in order to be categorized as meeting the requirements of category O (uncontrolled environment), as defined in annex A of IEC 61753-1. Annex B of this standard provides information concerning the function of the 1490 / 1550 nm downstream and 1310 nm upstream WWDM.

Keel en

FprEN 61753-087-2

Identne FprEN 61753-087-2:2009

ja identne IEC 61753-087-2:200X

Tähtaeg 29.04.2010

Fibre optic interconnecting devices and passive components performance standard- Part 087-2: Non-connectorised single-mode bidirectional 1310 nm upstream and 1490 nm downstream WWDM devices for category C - Controlled environment

This part of IEC 61753 contains the minimum initial performance, test and measurement requirements and severities which a fibre optic pigtailed 1310 nm upstream and 1490 nm downstream wide wavelength division multiplexing (WWDM) passive optical network (PON) device must satisfy in order to be categorized as meeting the requirements of category C (controlled environments), as defined in annex A of IEC 61753-1. Annex B of this standard provides information concerning the function of the 1310 nm upstream and 1490 nm downstream WWDM.

Keel en

FprEN 61754-20

Identne FprEN 61754-20:2009

ja identne IEC 61754-20:200X

Tähtaeg 29.04.2010

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 20: Type LC connector family

This International Standard defines the standard interface dimensions for the type LC family of connectors.

Keel en

Asendab EVS-EN 61754-20:2003

FprEN 61966-12

Identne FprEN 61966-12:2009

ja identne IEC 61966-12:200X

Tähtaeg 29.04.2010

Multimedia systems and equipment - Colour measurement and management - Part 12: Metadata for identification of colour gamut (Gamut ID)

This standard defines the colour gamut metadata scheme for video systems and similar applications. The metadata can be associated with wide gamut video colour content or to a piece of equipment to display the content. When associated with content, the colour gamut metadata defines the gamut for which the content was created. It can be used by the display for controlled colour reproduction even if the display's colour gamut is different from that of the content. When associated with a display, the colour gamut metadata defines the display colour gamut. It can be used during content creation to enable improved colour reproduction. The colour gamut metadata may cover associated colour encoding information, which includes all information required for a controlled colour reproduction, when such information is not provided by the colour encoding specification. The colour gamut metadata scheme provides scalable solutions. For example, more flexible solutions will be used for the professional use, while much simpler solutions will be used for consumer use with easier product implementation. This standard only defines the colour gamut metadata scheme. Vendor-specific solutions for creation and end-use of this metadata are allowed.

Keel en

prEN 50441-1

Identne prEN 50441-1:2010

Tähtaeg 29.04.2010

Elamute telekommunikatsioonipaigaldiste kaablid. Osa 1: Varjestamata kaablid. Aste 1

quiryThis European Standard specifies the constructional details and performances requirements for cables for indoor residential cabling systems characterized up to 100 MHz. Cables in this European Standard are based on the common design rules specified in EN 50290-2-1 and are specifically intended for supporting ICT and BCT applications (telephone, computer and TV services). The cables covered in this European Standard are intended to operate with voltages and currents normally encountered in communications systems. These cables are not intended to be used in conjunction with low impedance sources, for example, the electrical power supply of public utility mains. Cables covered in this European Standard may however be subjected to voltages of not more than 300 V a.c. or 450 V d.c. and comply with the requirements of the Low Voltage Directive. The maximum current rating per conductor is 3 A/mm² unless otherwise specified in the relevant detail specification.

Keel en

Asendab EVS-EN 50441-1:2006

prEN 50441-2

Identne prEN 50441-2:2010
Tähtaeg 29.04.2010

Elamute telekommunikatsioonipaigaldiste kaablid. Osa 2: Varjestatud kaablid. Aste 2

This European Standard specifies the constructional details and performance requirements for cables for indoor Residential Cabling Systems characterized up to 100 MHz. Cables in this European Standard are based on the common design rules specified in EN 50290-2-1 and are specifically intended for supporting ICT and BCT applications (telephone, computer and TV services). The cables covered in this European Standard are intended to operate with voltages and currents normally encountered in communication systems. These cables are not intended to be used in conjunction with low impedance sources, for example, the electrical power supply of public utility mains. Cables covered in this European Standard may however be subjected to voltages of not more than 300 V a.c. or 450 V d.c and comply with the requirements of the Low Voltage Directive. The maximum current rating per conductor is 3 A/mm² unless otherwise specified in the relevant detail specification.

Keel en

Asendab EVS-EN 50441-2:2006

prEN 50441-4

Identne prEN 50441-4:2010
Tähtaeg 29.04.2010

Cables for indoor residential telecommunication installations - Part 4: Cables up to 1 200 MHz - Grade 4

This European Standard specifies the constructional details and performance requirements for cables for installation in indoor residential cabling systems characterized up to 1 200 MHz. Cables in this European Standard are based on the common design rules specified in EN 50290-2-1 and are specifically intended for supporting ICT and BCT applications (telephone, computer and TV services). The cables covered in this European Standard are intended to operate with voltages and currents normally encountered in communication systems. These cables are not intended to be used in conjunction with low impedance sources, for example, the electrical power supply of public utility mains. Cables covered in this European Standard may however be subjected to voltages of not more than 300 V a.c or 450 V d.c and comply with the requirements of the Low Voltage Directive. The maximum current rating per conductor is 3 A/mm² unless otherwise specified in the relevant detail specification.

Keel en

prEN 50551-1

Identne prEN 50551-1:2009
Tähtaeg 29.04.2010

Simplex and duplex cables to be used for cords - Part 1: Blank Detail Specification and minimum requirements

This blank detail specification describes parameters that can be considered for terminating these simplex and duplex cables with connectors in different communication applications. Product specifications may be prepared based on this blank detail specification following in particular requirements of Clauses 3 to 6.

Keel en

35 INFOTEHNOLOOGIA. KONTORISEADMED**prEN ISO 14825**

Identne prEN ISO 14825:2010
ja identne ISO/DIS 14825:2010
Tähtaeg 29.04.2010

Geographic Data Files - GDF5.0

This International Standard specifies the conceptual and logical data model and physical encoding formats for geographic data bases for Intelligent Transport Systems (ITS) applications and services. It includes a specification of potential contents of such data bases (data dictionaries for Features, Attributes and Relationships), a specification of how these contents shall be represented, and of how relevant information about the database itself can be specified (metadata). The focus of this International Standard is on ITS applications and services and it emphasizes road and road related information. ITS applications and services, however, also require information in addition to road and road related information.

Keel en

Asendab EVS-EN ISO 14825:2004

prEN ISO 19148

Identne prEN ISO 19148:2009
ja identne ISO/DIS 19148:2009
Tähtaeg 29.04.2010

Geographic information - Linear referencing

This International Standard specifies a conceptual schema for locations relative to a one-dimensional object as measurement along (and optionally offset from) that object. It defines a description of the data and operations needed to use and support linear referencing. This International Standard is applicable to transportation, utilities, location-based services and other applications which define locations relative to linear objects.

Keel en

37 VISUAALTEHNIKA

EN 1010-2:2006/FprA1

Identne EN 1010-2:2006/FprA1:2009

Tähtaeg 29.04.2010

Masinate ohutus. Ohutusnõuded paberivalmistamis- ja viimistlusmasinate kavandamisele ja valmistamisele. Osa 2: Trüki- ja lakkimismasinad, kaasa arvatud trükieelsed pressimisseadmed

This document applies to:- Pre-press machinery (machinery and devices for the production of master copies and printing forms):- exposure equipment for the production of films and printing forms;- equipment for developing films and printing forms;- washing machines for printing forms;- machines for bending printing forms;- punching machines for film and printing forms;- cutting machines for film and printing forms;- machines for the production of gravure printing forms;- scanners.

Keel en

43 MAANTEESÕIDUKITE EHITUS

prEN 16029

Identne prEN 16029:2009

Tähtaeg 29.04.2010

Ride-on, motorized vehicles intended for the transportation of persons and not intended for use on public roads - Safety requirements - Single-track two-wheel motor vehicles

This European Standard specifies the safety requirements for single-track two-wheel motor vehicles, driven by a rider sitting astride. This European Standard deals with all significant hazards, hazardous situations and events relevant to single-track two-wheel motor vehicles propelled by a spark ignited internal combustion engine (hereinafter referred to as "vehicles"), when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer. The vehicles covered by this European Standard are not intended to be used in public roads. The vehicles covered by this European Standard are intended only for the rider and not for passengers. This European Standard does not cover vehicles propelled with gaseous fuels. This European Standard specifies the appropriate measures to eliminate or reduce the risks arising from the significant hazards, hazardous situations and events (see Clause 4) during commissioning, operation and maintenance of the vehicles when carried out in accordance with the specifications as intended by the manufacturer. This document is not applicable to vehicles which are manufactured before the date of publication of this European Standard by CEN.

Keel en

prEN ISO 11439

Identne prEN ISO 11439:2009

ja identne ISO/DIS 11439:2009

Tähtaeg 29.04.2010

Gas cylinders - High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles - Complementary element

This International Standard specifies minimum requirements for serially produced light-weight refillable gas cylinders intended only for the on-board storage of high pressure compressed natural gas as a fuel for automotive vehicles to which the cylinders are to be fixed. The service conditions do not cover external loadings that may arise from vehicle collisions, etc. This International Standard covers cylinders of any steel, aluminium or non-metallic material construction, using any design or method of manufacture suitable for the specified service conditions. This International Standard does not cover cylinders of stainless steel or of welded construction. Although this standard uses 200 bar as a reference working pressure, other working pressures may be used

Keel en

Asendab EVS-EN ISO 11439:2001

45 RAUDTEETEHNKA

prEN 13272

Identne prEN 13272:2009

Tähtaeg 29.04.2010

Raudteealased rakendused. Ühistranspordisüsteemide veeremite elektrivalgustus

This European Standard contains performance requirements and recommendations for electrical lighting systems in the interiors of public transport railway rolling stock under all operating and emergency conditions.

Keel en

Asendab EVS-EN 13272:2002

prEN 14587-3

Identne prEN 14587-3:2009

Tähtaeg 29.04.2010

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

This European Standard specifies requirements for the approval of a welding process in a fixed plant, together with the requirements for subsequent welding production. It applies to new Vignole rails welded by flash butt welding to crossing components in a fixed plant, and intended for use on railway infrastructures.

Keel en

prEN 50533

Identne prEN 50533:2009
Tähtaeg 29.04.2010

Railway applications - Three-phase train line voltage characteristics

This European Standard describes the electrical characteristics of the three-phase train line which delivers the electrical energy from the auxiliary power converter system to the auxiliary loads. It applies to – locomotive hauled passenger trains, – electric multiple units, – diesel electric multiple units. This European Standard may apply to other rolling stock types (e.g. light rail vehicles, tramways, metros, etc.) if they are not in the scope of another specific standard. The three-phase voltage characteristics depend on the performances of the auxiliary converters which supply the train line but also on the AC load characteristics connected to this train line. In railway applications the available auxiliary power of the train line is generally a little higher than the power needed by the consumer loads, consequently tight interactions between the auxiliary power converter system and the loads are common and have to be taken into consideration for a proper operation at train system level.

Keel en

47 LAEVAEHITUS JA MERE-EHITISED**FprEN 61162-1**

Identne FprEN 61162-1:2009
ja identne IEC 61162-1:200X
Tähtaeg 29.04.2010

Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 1: Single talker and multiple listeners

This part of IEC 61162 contains the requirements for data communication between maritime electronic instruments, navigation and radiocommunication equipment when interconnected via an appropriate system. This standard is intended to support one-way serial data transmission from a single talker to one or more listeners. This data is in printable ASCII form and may include information such as position, speed, depth, frequency allocation, etc. Typical messages may be from about 11 to a maximum of 79 characters in length and generally require transmission no more rapidly than one message per second. The electrical definitions in this standard are not intended to accommodate high-bandwidth applications such as radar or video imagery, or intensive database or file transfer applications. Since there is no provision for guaranteed delivery of messages and only limited error checking capability, this standard should be used with caution in all safety applications. For applications where a faster transmission rate is necessary, reference should be made to IEC 61162-2.

Keel en

Asendab EVS-EN 61162-1:2008

FprEN 62287-1

Identne FprEN 62287-1:2009
ja identne IEC 62287-1:200X
Tähtaeg 29.04.2010

Maritime navigation and radiocommunication equipment and systems - Class B shipborne equipment of the automatic identification system (AIS) Part 1: Carrier-sense time division multiple access (CSTDMA) techniques

This part of IEC 62287 specifies the minimum operational and performance requirements, methods of testing and required test results for Class B shipborne AIS equipment using CSTDMA techniques. This standard takes into account other associated IEC International Standards and existing national standards, as applicable. It is applicable for AIS equipment used on craft that are not covered by the mandatory carriage requirement of AIS under SOLAS Chapter V. An AIS station intended to operate in receive-only mode shall not be considered a Class B shipborne mobile AIS station.

Keel en

Asendab EVS-EN 62287-1:2006

prEN ISO 9094

Identne prEN ISO 9094:2010
ja identne ISO/DIS 9094:2010
Tähtaeg 29.04.2010

Väikelaevad. Tulekaitse.

This International Standard defines a practical degree of fire prevention and protection intended to provide enough time for crew to escape a fire on board small craft. The standard specifies minimum requirements for craft layout, the installation of craft systems, fire fighting and escape and provides guidance on fire detection. It is intended to apply to small craft with a hull length, LH, not exceeding 24 m. Personal watercrafts are excluded from the scope of this standard.

Keel en

Asendab EVS-EN ISO 9094-1:2003; EVS-EN ISO 9094-2:2003

49 LENNUNDUS JA KOSMOSETEHNIKA**FprEN 3911**

Identne FprEN 3911:2010
Tähtaeg 29.04.2010

Aerospace series - Six lobe recess - Geometrical definition

This standard specifies the dimensions and tolerances of six lobe recess.

Keel en

FprEN 9120

Identne FprEN 9120:2009

Tähtaeg 29.04.2010

Quality Management Systems - Requirements for Aviation, Space and Defence Distributors

This European Standard includes ISO 9001:2008(1) quality management system requirements and specifies additional aviation, space and defence industry requirements, definitions and notes as shown in bold, italic text. It is emphasized that the requirements specified in this standard are complementary (not alternative) to contractual and applicable statutory and regulatory requirements. Should there be a conflict between the requirements of this standard and applicable statutory or regulatory requirements, the latter shall take precedence. This European Standard specifies requirements for a quality management system where an organization: a) needs to demonstrate its ability to consistently provide product that meets customer and applicable statutory and regulatory requirements; and b) aims to enhance customer satisfaction through the effective application of the system, including processes for continual improvement of the system and the assurance of conformity to customer and applicable statutory and regulatory requirements.

Keel en

Asendab EVS-EN 9120:2006

53 TÕSTE- JA TEISALDUS-SEADMED**EN 13135-2:2004/FprA1**

Identne EN 13135-2:2004/FprA1:2010

Tähtaeg 29.04.2010

Kraanad. Seadmed. Osa 2: Mitte-elektrotehnilised seadmed

This European Standard specifies requirements for design and selection of non-electrotechnical equipment for all types of crane with the objectives of protecting personnel from hazards affecting their lives and health and of ensuring reliability of function. The fixed load lifting attachments are integral part of the crane and therefore belong also to the scope of this standard.

Keel en

FprEN ISO 3266

Identne FprEN ISO 3266:2010

ja identne ISO/FDIS 3266:2010

Tähtaeg 29.04.2010

Forged steel eyebolts grade 4 for general lifting purposes

This International Standard specifies the general characteristics, performance and critical dimensions necessary for interchangeability and compatibility with other components, of forged steel eyebolts Grade 4 for general lifting purposes. These eyebolts can be used for axial and inclined loading. This International Standard specifies the dimensions of the eyes of eyebolts permitting direct connection with shackles of the same working load limit as those defined in ISO 2415. These dimensions also allow designs with a larger eye which can permit direct connection with sling hooks of similar working load limit. This International Standard covers all significant hazards, hazardous situations and events relevant to eyebolts grade 4 as defined in Clause 4. This International Standard is applicable to eyebolts grade 4 for use in the temperature range of -20 °C to 200 °C. This International Standard is not applicable to eyebolts which are not forged in one piece. This International Standard is not applicable to forged steel eyebolts grade 4 manufactured before the date of its publication as an International Standard.

Keel en

prEN ISO 3450

Identne prEN ISO 3450:2009

ja identne ISO/DIS 3450:2009

Tähtaeg 29.04.2010

Earth-moving machinery - Wheeled or high-speed rubber-tracked machines - Performance requirements and test procedures for brake systems

This International Standard specifies minimum performance and test criteria for brake systems to enable uniform assessment of the service, secondary, and parking brake systems of wheeled machines or high speed rubber tracked machines.

Keel en

Asendab EVS-EN ISO 3450:2008

65 PÕLLUMAJANDUS

prEN ISO 5395-1

Identne prEN ISO 5395-1:2010
ja identne ISO/DIS 5395-1:2010
Tähtaeg 29.04.2010

Garden equipment - Safety of powered lawnmowers - Part 1: Terminology and common tests

This part of ISO 5395 specifies terminology and common test methods used for verification of safety requirements for integrally combustion engine powered rotary lawnmowers and cylinder lawnmowers including pedestrian controlled (with or without sulky) and ride-on (riding or standing) types (hereafter named "lawnmower"), and equipped with: metallic cutting means; and/or non-metallic cutting means with one or more cutting elements pivotally mounted on a generally circular drive unit, where these cutting elements rely on centrifugal force to achieve cutting, and have a kinetic energy for each single cutting element of 10 J or more. This document does not apply to: robotic and remote controlled lawnmowers, flail mowers, grassland mowers, sickle bar mowers, towed /semi-mounted mowers, and scrub-clearing machines; cutting means assembly when used in combination with an agricultural tractor; electrical powered and battery-powered lawnmowers.

Keel en

Asendab EVS-EN 836:1999; EVS-EN 836:1999/A2:2001; EVS-EN 836:1999/A3:2004

prEN ISO 5395-2

Identne prEN ISO 5395-2:2010
ja identne ISO/DIS 5395-2:2010
Tähtaeg 29.04.2010

Garden equipment - Safety of powered lawnmowers - Part 2: Pedestrian controlled lawnmowers

1.1 This document specifies safety requirements and their verification for integrally combustion engine powered pedestrian controlled (with or without sulky) rotary lawnmowers and cylinder lawnmowers (hereafter named "lawnmower"), and equipped with: - metallic cutting means; and/or - non-metallic cutting means with one or more cutting elements pivotally mounted on a generally circular drive unit, where these cutting elements rely on centrifugal force to achieve cutting, and have a kinetic energy for each single cutting element of 10 J or more. This document does not apply to: - robotic and remote controlled lawnmowers, flail mowers, grassland mowers, sickle bar mowers, towed /semi-mounted mowers, and scrub-clearing machines; - cutting means assembly when used in combination with an agricultural tractor; - electrical powered and battery-powered lawnmowers. [2] [3]

Keel en

Asendab EVS-EN 836:1999; EVS-EN 836:1999/A2:2001; EVS-EN 836:1999/A3:2004

prEN ISO 5395-3

Identne prEN ISO 5395-3:2010
ja identne ISO/DIS 5395-3:2010
Tähtaeg 29.04.2010

Garden equipment - Safety of powered lawnmowers - Part 3: Ride-on lawnmowers

1.1 This document specifies safety requirements and their verification for integrally combustion engine powered ride-on (riding or standing) rotary lawnmowers and cylinder lawnmowers (hereafter named "lawnmower"), and equipped with: - metallic cutting means; and/or - non-metallic cutting means with one or more cutting elements pivotally mounted on a generally circular drive unit, where these cutting elements rely on centrifugal force to achieve cutting, and have a kinetic energy for each single cutting element of 10 J or more. This document does not apply to: - robotic and remote controlled lawnmowers, flail mowers, grassland mowers, sickle bar mowers, towed /semi-mounted mowers, and scrub-clearing machines; - cutting means assembly when used in combination with an agricultural tractor; - electrical powered and battery-powered lawnmowers.

Keel en

Asendab EVS-EN 836:1999; EVS-EN 836:1999/A2:2001; EVS-EN 836:1999/A3:2004

67 TOIDUAINETE TEHNOLOOGIA

prEN ISO 3656

Identne prEN ISO 3656:2010
ja identne ISO/DIS 3656:2010
Tähtaeg 29.04.2010

Animal and vegetable fats and oils - Determination of ultraviolet absorbance expressed as specific UV extinction

This International Standard specifies a method for the determination of the absorbance at ultraviolet wavelengths of animal and vegetable fats and oils.

Keel en

Asendab EVS-EN ISO 3656:2002

71 KEEMILINE TEHNOLOGIA**prEN 152**

Identne prEN 152:2010

Tähtaeg 29.04.2010

Wood preservatives - Determination of the protective effectiveness of a preservative treatment against blue stain in wood in service - Laboratory method

This European Standard specifies a method which is only suitable for testing preparations and systems which are intended to prevent the occurrence of blue stain fungi in wood in service. It is not suitable for assessing the temporary preventive effectiveness of anti-stain preservatives on round wood or on freshly cut wood. The method is not intended for the determination of the fungicidal properties of the surface coating applied to the wood after the priming coat. This European Standard lays down a method for determining the effectiveness of a preparation applied by e.g. brushing, spraying, spraying tunnel, dipping or vacuum and pressure treatments resulting in an equivalent retention of product in preventing the development of blue stain fungi in wood in service. It is also applicable where a primer paint is used in conjunction with the preservative system 1).

Keel en

Asendab EVS-EN 152-1:2003; EVS-EN 152-2:2003

prEN 16037

Identne prEN 16037:2010

Tähtaeg 29.04.2010

Chemicals used for treatment of water intended for human consumption - Sodium hydrogen sulfate

This European Standard is applicable to sodium hydrogen sulfate used for treatment of water intended for human consumption. It describes the characteristics of sodium hydrogen sulfate and specifies the requirements and the corresponding test methods for sodium hydrogen sulfate. It gives information on its use in water treatment.

Keel en

prEN 16038

Identne prEN 16038:2010

Tähtaeg 29.04.2010

Chemicals used for treatment of water for swimming pools - Sodium hydrogen sulfate

This European Standard is applicable to sodium hydrogen sulfate used for treatment of swimming pool water. It describes the characteristics of sodium hydrogen sulfate and specifies the requirements and the corresponding test methods for sodium hydrogen sulfate. It gives information on its use in water treatment for swimming pools.

Keel en

prEN ISO 24442

Identne prEN ISO 24442:2009

ja identne ISO/DIS 24442:2009

Tähtaeg 29.04.2010

Cosmetics - Sun protection test methods - In vivo determination of sunscreen UVA protection

This International Standard describes an in vivo method assessment of the UVA Protection Factor (UVAPF) of topical sunscreen products. The present standard is applicable to cosmetics, drugs and other products intended to be topically applied in contact with human skin, including any component able to absorb, reflect or scatter UV rays. It provides a basis for the evaluation of sunscreen products for the protection of human skin against UVA radiation from solar or other light sources.

Keel en

75 NAFTA JA NAFTATEHNOLOGIA**prEN 15590**

Identne prEN 15590:2009

Tähtaeg 29.04.2010

Solid recovered fuels - Determination of potential rate of microbial self heating using the real dynamic respiration index

This European Standard specifies a method to determine the current rate of potential microbial self-heating of a solid recovered fuel. The methods indirectly estimate the potential risk of microbial self-heating. The current rate of biodegradation can be expressed in milligrams O₂ kg dm⁻¹ h⁻¹.

Keel en

Asendab CEN/TS 15590:2007

prEN ISO 13503-1

Identne prEN ISO 13503-1:2010

ja identne ISO/DIS 13503-1:2010

Tähtaeg 29.04.2010

Petroleum and natural gas industries - Completion fluids and materials - Part 1: Measurement of viscous properties of completion fluids

This part of ISO 13503 provides consistent methodology for determining the viscosity of completion fluids. In certain cases methodology is also provided to determine the rheological properties of a fluid.

Keel en

Asendab EVS-EN ISO 13503-1:2005

prEN ISO 13706

Identne prEN ISO 13706:2010

ja identne ISO/DIS 13706:2010

Tähtaeg 29.04.2010

Petroleum, petrochemical and natural gas industries - Air-cooled heat exchangers

This International Standard gives requirements and recommendations for the design, materials, fabrication, inspection, testing and preparation for shipment of air-cooled heat exchangers for use in the petroleum and natural gas industries. This International Standard is applicable to air-cooled heat exchangers with horizontal bundles, but the basic concepts may also be applied to other configurations.

Keel en

Asendab EVS-EN ISO 13706:2005

77 METALLURGIA**prEN 10029**

Identne prEN 10029:2010

Tähtaeg 29.04.2010

Hot-rolled steel plates 3 mm thick or above - Tolerances on dimensions and shape

This European Standard specifies tolerances on dimensions and shape for hot-rolled non-alloy and alloy steel plates with the following characteristics: nominal thickness: $3 \text{ mm} \leq t \leq 400 \text{ mm}$; nominal width: $w \geq 600 \text{ mm}$; Tolerances for products of width $w < 600 \text{ mm}$ cut or slit from plate should be agreed between manufacturer and purchaser at the time of enquiry and order. This European Standard applies, but is not limited, to steel grades defined in EN 10025-2 to EN 10025-6, EN 10028-2 to EN 10028-6, EN 10083-2 and EN 10083-3, EN 10084, EN 10085, EN 10149-2 and EN 10149-3, EN 10207 and EN 10225 (see also annex A). It does not apply to stainless steels. This European Standard does not include round plates, custom-made plates, chequer or bulb plate for flooring and wide flats.

Keel en

Asendab EVS-EN 10029:2000

prEN 10051

Identne prEN 10051:2010

Tähtaeg 29.04.2010

Continuously hot-rolled strip and plate/sheet cut from wide strip of non-alloy and alloy steels - Tolerances on dimensions and shape

This European Standard specifies tolerances on dimensions and shape for continuously hot-rolled uncoated plate/sheet and strip with a maximum width of 2 200 mm of non-alloy and alloy steels in accordance with Table 1 (see also annex A). This European Standard also applies to hot-rolled strip for cold rolling.

Keel en

Asendab EVS-EN 10051:2000

prEN 16031

Identne prEN 16031:2009

Tähtaeg 29.04.2010

Adjustable telescopic aluminium props - Product specifications, design and assessment by calculation and tests

This European Standard specifies materials, design requirements, designation, corrosion protection alternatives, together with assessment methods using both calculations and testing for adjustable telescopic aluminium props which are intended for use on construction sites. Inner and outer tube of props are made in aluminium or aluminium and steel. It specifies eleven classes of nominal specified values for strengths for adjustable telescopic aluminium props each having a series of maximum extended lengths.

Keel en

prEN ISO 5755

Identne prEN ISO 5755:2010

ja identne ISO/DIS 5755:2010

Tähtaeg 29.04.2010

Sintered metal materials - Specifications

This International Standard specifies the requirements for the chemical composition and the mechanical and physical properties of sintered metal materials used for bearings and structural parts. When selecting powder metallurgical materials, it should be taken into account that the properties depend not only on the chemical composition and density, but also on the production methods. The properties of sintered materials giving satisfactory service in particular applications may not necessarily be the same as those of wrought or cast materials that might otherwise be used. Therefore, liaison with prospective suppliers is recommended.

Keel en

79 PUIDUTEHNOLOGIA

prEN 14272

Identne prEN 14272:2009

Tähtaeg 29.04.2010

Plywood - Calculation method for some mechanical properties

This European Standard gives, for plywood panels of any composition, symmetrical or not, a calculation method to derive some mechanical properties (strength and stiffness in bending, tension, compression, panel and planar shear) as well as density from the wood compounding the layers.

Keel en

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

FprEN 15365

Identne FprEN 15365:2009

Tähtaeg 29.04.2010

Advanced technical ceramics - Mechanical properties of ceramic fibres at high temperature in a non-reactive environment - Determination of creep behaviour by the cold end method

This European standard specifies the conditions for the determination of the tensile creep deformation and failure behaviour of single filaments of ceramic fibres at high temperature and under test conditions that prevent changes to the material as a result of chemical reaction with the test environment. This European standard applies to continuous ceramic filaments taken from tows, yarns, braids and knittings, which have strains to fracture less than or equal to 5 %.

Keel en

Asendab CEN/TS 15365:2006

83 KUMMI- JA PLASTITÖÖSTUS

prEN ISO 4611

Identne prEN ISO 4611:2010

ja identne ISO/DIS 4611:2010

Tähtaeg 29.04.2010

Plastics - Determination of the effects of exposure to damp heat, water spray and salt mist

1.1 This International Standard specifies the exposure conditions of plastics to - damp heat, - water spray, - salt mist, and the methods for the evaluation of the change of some significant characteristics after given exposure stages. 1.2 This International Standard is, in general, suitable for all plastics in the form of standard test specimens, and finished articles or parts thereof. 1.3 This International Standard considers separately methods for the determination of - change in mass, - change in dimensions and appearance, - change in physical properties.

Keel en

Asendab prEN ISO 4611

85 PABERITEHNOLOGIA

EN 1010-2:2006/FprA1

Identne EN 1010-2:2006/FprA1:2009

Tähtaeg 29.04.2010

Masinate ohutus. Ohutusnõuded paberivalmistamis- ja viimistlusmasinate kavandamisele ja valmistamisele. Osa 2: Trüki- ja lakkimismasinad, kaasa arvatud trükieelsed pressimisseedmed

This document applies to:- Pre-press machinery (machinery and devices for the production of master copies and printing forms);- exposure equipment for the production of films and printing forms;- equipment for developing films and printing forms;- washing machines for printing forms;- machines for bending printing forms;- punching machines for film and printing forms;- cutting machines for film and printing forms;- machines for the production of gravure printing forms;- scanners.

Keel en

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN ISO 29601

Identne prEN ISO 29601:2010

ja identne ISO/DIS 29601:2010

Tähtaeg 29.04.2010

Paints and varnishes - Corrosion protection by protective paint systems - Test methods for the assessment of porosity in a dry film and expression of the results

This document specifies procedures for detecting the presence of porosity in a protective paint system of any film thickness on a steel or other metallic substrate. The procedures given in this document are based on test methods for two different types of test equipment according to the dry film thickness. These procedures are only applicable for testing electrically non-conductive parts of a paint system. This document specifies the use of appropriate equipment, defines inspection procedures and provides guidance for the expression of the results. The specified test methods are mainly used for new coatings, but can also be used for coatings which have been in service. Attention must be paid to the possibility that the coating might be penetrated by substances in contact with the coating during service.

Keel en

91 EHTUSMATERJALID JA EHTUS**EN 13941:2009/FprA1**

Identne EN 13941:2009/FprA1:2010

Tähtaeg 29.04.2010

Eelisoleeritud seotud kaugküttetorustike projekteerimine ja paigaldamine

This European Standard specifies rules for design, calculation and installation for preinsulated bonded pipe systems for buried hot water distribution and transmission networks (cf. figure 2) with pipe assemblies in accordance with EN 253, for continuous operation with hot water at various temperatures up to 120°C and occasionally with peak temperatures up to 140°C and maximum internal pressure 25 bar (overpressure).

Keel en

FprEN 13823

Identne FprEN 13823:2009

Tähtaeg 29.04.2010

Ehitustoodete tuletundlikkuse katsed. Ehitustoodete, v.a põrandakatted, termiline mõjutamine üksiku põleva objekti poolt

This European Standard specifies a method of test for determining the reaction to fire performance of construction products excluding floorings, and excluding products which are indicated in Table 1 of the EC Decision 2000/147/EC, when exposed to thermal attack by a single burning item (SBI). The calculation procedures are given in Annex A. Information on the precision of the test method is given in Annex B. The calibration procedures are given in Annexes C and D, of which C is a normative annex.

Keel en

Asendab EVS-EN 13823:2007

FprEN 62561-4

Identne FprEN 62561-4:2009

ja identne IEC 62561-4:200X

Tähtaeg 29.04.2010

Requirements for Lightning Protection System Components (LPSC) - Part 4: Requirements for fasteners

This International Standard specifies requirements and tests for: – Metallic and non-metallic conductor fasteners that are used in conjunction with the air termination system and down conductors. – Fixing of conductor fasteners to the fabric / membrane / gravel roofing of structures is not covered by this standard due to the vast number and types used in modern day construction. LPC may also be suitable for use in hazardous atmospheres. Regard should then be taken of the extra requirements necessary for the components to be installed in such conditions.

Keel en

Asendab EVS-EN 50164-4:2008

prEN 12001

Identne prEN 12001:2010

Tähtaeg 29.04.2010

Betooni ja mördi vedamise, pritsimise ja laotamise masinad. Ohutusnõuded

This standard specifies the safety requirements for: - conveying machines; - spraying machines; - placing machines for concrete and mortar or their components. The machinery can be stationary or mobile. This standard covers the machines described in 3.3 to 3.7. This standard does not cover: - machines that are mobile during conveying, spraying and placing; - cabins for any machines covered by this standard; - multi-purpose use, e.g. lifting function or fire-fighting equipment. This standard does not concern the undercarriage of the truck and the engine(s) of the machines that are not driven by the main engine during conveying, spraying and placing. One other possibility is the combination with a truck mixer (see 3.3).

Keel en

Asendab prEN 12001

prEN 12201-1

Identne prEN 12201-1:2010

Tähtaeg 29.04.2010

Plastics piping systems for water supply, and for drainage and sewerage under pressure - Polyethylene (PE) - Part 1: General

This Part of EN 12201 specifies the general aspects of polyethylene (PE) pressure piping systems (mains and service pipes) for buried or above ground applications, intended for the conveyance of water for human consumption, including raw water prior to treatment, drainage and sewerage under pressure, vacuum sewer systems, and water for other purposes

Keel en

Asendab EVS-EN 12201-1:2003; EVS-EN 13244-1:2003

prEN 12201-5

Identne prEN 12201-5:2010

Tähtaeg 29.04.2010

Plastics piping systems for water supply, and for drainage and sewerage under pressure - Polyethylene (PE) - Part 5: Fitness for purpose of the system

This Part of EN 12201 specifies the characteristics of the fitness for purpose of the assembled piping systems intended for the conveyance of water intended for human consumption, including raw water prior to treatment, drainage and sewerage under pressure, vacuum sewer systems, and water for other purposes. It also specifies the method of preparation of test piece joints, and the tests to be carried out on these joints for assessing the fitness for purpose of the system under normal and extreme conditions.

Keel en

Asendab EVS-EN 12201-5:2003; EVS-EN 13244-5:2003

prEN 15037-5

Identne prEN 15037-5:2010

Tähtaeg 29.04.2010

Precast concrete products - Beam-and-block floor systems - Part 5: Lightweight blocks for simple formwork

This European Standard deals with the requirements and the basic performance criteria for blocks made in lightweight materials used as formwork during the construction of the floor system. The blocks are used in conjunction with precast concrete beams in compliance with EN 15037-1, with or without cast-in-situ concrete for the construction of beam-and-block floor systems. This standard doesn't deal with blocks made in polystyrene, with or without tong, or combined with different materials where polystyrene contribute to more than 50 % of the mechanical resistance of the block. These blocks are covered by EN 15037-4, Beam-and-block floor systems – Part 4: Polystyrene blocks. Examples of typology of floor systems are given in Annex B of EN 15037-1.

Keel en

prEN 16034

Identne prEN 16034:2009

Tähtaeg 29.04.2010

Pedestrian doorsets, industrial, commercial, garage doors and windows - Product standard, performance characteristics - Fire resistance and/or smoke control characteristics

This European Standard identifies material independent, safety and performance requirements related to fire resistance and / or smoke control characteristics that are applicable to industrial- / commercial- / garage doors (as defined in EN 13241-1), pedestrian doorsets and openable windows (as defined in EN 14351-1 and/or prEN 14351-2).

Keel en

prEN 16035

Identne prEN 16035:2009

Tähtaeg 29.04.2010

Hardware performance sheet (HPS) - Identification and summary of test evidence to facilitate the interchangeability of building hardware for application to fire resisting and smoke control doorsets and openable windows

This European Standard summarises the relevant test results and classifications in the format of a hardware performance sheet (HPS). It provides guidance on the minimum information required as the basis for interchangeability of building hardware on fire resisting and/or smoke control doorsets and openable windows. It identifies the performance characteristics and the requirements for building hardware which can be found in the appropriate product standards.

Keel en

prEN ISO 19432

Identne prEN ISO 19432:2009

ja identne ISO/DIS 19432:2009

Tähtaeg 29.04.2010

Building construction machinery and equipment - Portable, hand-held, internal combustion engine driven cut-off machines - Safety requirements

This International Standard specifies safety requirements and their verification for the design and construction of portable, hand-held, internal combustion engine driven, cut-off machines, intended to be used by a single operator in the cutting of construction materials, such as asphalt, concrete, stone and metal. It is applicable to those machines designed purposely for use with a rotating, bonded-abrasive and/or super-abrasive (diamond) cut-off wheel having a maximum outer diameter of 406 mm, centre-mounted on, and driven by, a spindle shaft, where the top of the wheel rotates away from the operator (see Figure 1). It deals with all hazards, hazardous situations and events significant to these machines when they are used as intended and under condition of reasonable foreseeable misuse.

Keel en

Asendab prEN ISO 19432

prEVS-IEC 60364-7-710

ja identne IEC 60364-7-710:2002

Tähtaeg 29.04.2010

Ehitiste elektripaigaldised. Osa 7-710: Nõuded eripaigaldistele ja -paikadele. Raviruumid

Standardisarja IEC 60364 käesoleva osa täpsustavad nõuded on kehtestatud raviruumide elektripaigaldistele, tagamaks patsientide ja meditsiinipersonali ohutust. Toodud nõuded käivad eelkõige haiglate, erakliinikute, üld- ja hambaravi ruumide, tervishoiu keskuste ja meditsiiniliseks otstarbeks kohandatud ruumide kohta asutustes.

MÄRKUS 1 Kui olemasolev ruum muudetakse raviotstarbeliseks, siis võib tekkida vajadus kohandada elektripaigaldis vastavaks käesolevale standardile. Kui olemasolevas paigaldises kavatakse sooritada südamelähedasi protseduure, tuleb kohandamisele pöörata erilist tähelepanu.

MÄRKUS 2 Käesolevat standardit tuleb rakendada ka veterinaarkliinikutele, kus võimalik. Standardisarja käesolevat osa ei kohaldata meditsiinilistele elektriseadmetele.

MÄRKUS 3 Meditsiiniliste elektriseadmete kohta käib standardiseerija IEC 60601.

Keel en

Asendatud FprHD 60364-7-710

93 RAJATISED**EN 13674-2:2006/FprA1**

Identne EN 13674-2:2006/FprA1:2010

Tähtaeg 29.04.2010

Raudteelased rakendused. Rööbastee. Rööbas. Osa 2: Pöörangute ja ristumiste liikuvad ja ristuvad rööpad ühenduses Vignole'i raudteerööbaste lineaarmassiga 46 kg/m ja üle selle

This part of EN 13674 specifies switch and crossing rails that carry railway wheels. These are used in conjunction with Vignole railway rails. This part of this standard is not applicable for the check rails that do not carry railway wheels.

Keel en

EN 13674-3:2006/FprA1

Identne EN 13674-3:2006/FprA1:2010

Tähtaeg 29.04.2010

Raudteelased rakendused. Rööbastee. Rööbas. Osa 3: Juhtrööbas

This European Standard specifies check rail profiles which have been designed for this purpose. It does not cover guard rails which are to protect vehicle, bridge, viaduct and other structures in the event of a derailment. Three grades of steel and five rail profiles are specified.

Keel en

EN 14730-1:2006/FprA1

Identne EN 14730-1:2006/FprA1:2010

Tähtaeg 29.04.2010

Railway applications - Track - Aluminothermic welding of rails - Part 1: Approval of welding processes

This standard defines the laboratory tests and requirements for approval of an aluminothermic welding process using welds produced in workshop conditions. It applies to the joining of new, Vignole rails as described in EN 13674-1 of the same profile and steel grade. Compliance with the requirements of this standard does not of itself ensure the suitability of a welding process for specific conditions of track and traffic. The standard does not cover welds made between different rail sections, differently worn rails and different rail grades. In addition to the definitive requirements this standard also requires the items detailed in Clause 4 to be documented. For compliance with this standard, it is important that both the definitive requirements and the documented items be satisfied.

Keel en

prEN ISO 22477-5

Identne prEN ISO 22477-5:2009

ja identne ISO/DIS 22477-5:2009

Tähtaeg 29.04.2010

Geotechnical investigation and testing - Testing of geotechnical structures - Part 5: Testing of anchorages

(1) This Standard establishes specifications for the execution of tension load tests where an anchor grouted in the ground, as defined in EN 1997-1, is loaded by step (method 3) or in incremental cycles (methods 1 and 2) from a datum load to a maximum test load. The displacement of the anchor head is measured over a period of time at each step (method 3) or at maximum load in each incremental cycle (method 1). The loss of load is measured over a period of time, at maximum load after lock off, in each incremental cycle (method 2).

Keel en

97 OLME. MEELELAHUTUS. SPORT**FprEN 60312-2**

Identne FprEN 60312-2:2009

ja identne IEC 60312-2:200X

Tähtaeg 29.04.2010

Vacuum cleaners for household use - Wet vacuum cleaner - Methods for measuring the performance

This International Standard is applicable to wet cleaning appliances for household use in or under conditions similar to those in households. The purpose of this standard is to specify essential performance characteristics of wet cleaning appliances being of interest to the users and to describe methods for measuring these characteristics and is complementary to the methods for dry cleaning vacuum cleaner in IEC 60312-1.

Keel en

Asendab EVS-EN 60312:2008

FprEN 60335-2-39

Identne FprEN 60335-2-39:2009

ja identne IEC 60335-2-39:200X

Tähtaeg 29.04.2010

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-39: Erinõuded kaubanduslikele mitmeotstarbelistele elektrikeedupottidele

This International Standard deals with the safety of electrically operated commercial multi-purpose cooking pans not intended for household use, their rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral and 480 V for other appliances. This standard also deals with pressurized appliances and appliances with pressurized parts.

Keel en

Asendab EVS-EN 60335-2-39:2003

prEN 131-3

Identne prEN 131-3:2009

Tähtaeg 29.04.2010

Ladders - Part 3: Safety instructions and user information

This European Standard gives safety instructions and user information for the safe use of ladders covered by the scope of EN 131-1 and fulfilling the requirements of EN 131-1, EN 131-2 and, for single or multiple hinged-joint ladders, EN 131-4 used as standing or leaning ladders.

Keel en

Asendab EVS-EN 131-3:2007

prEN ISO 5912

Identne prEN ISO 5912:2010

ja identne ISO/DIS 5912:2010

Tähtaeg 29.04.2010

Camping tents

This International Standard specifies the requirements on safety, performance and fitness for use of camping tents (called "tents" throughout the text). This International standard does not specify a general minimum requirement concerning flame retardant fabrics for camping tents. It applies to lightweight and camping tents for camping and outdoor purposes.

Keel en

Asendab EVS-EN ISO 5912:2005