

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EN 520:2005/prA1

Identne EN 520:2004/prA1:2009

Tähtaeg 29.04.2009

Kipsplaadid. Määratlused, nõuded ja katsemeetodid

This European Standard specifies the characteristics and performance of gypsum plasterboards intended to be used in building construction works including those intended for secondary manufacturing operations. It includes boards designed to receive either direct surface decoration or gypsum plaster.

Keel en

EN 15283-1:2008/prA1

Identne EN 15283-1:2008/prA1:2009

Tähtaeg 29.04.2009

Kiudsarrusega kipsplaadid. Määratlused, nõuded ja katsemeetodid. Osa 1: Kiududest sarrusvõrguga sarrustatud kipsplaadid

This European Standard specifies the characteristics and performance of gypsum boards with mat reinforcement intended to be used in building construction works including those intended for secondary manufacturing operations. It includes boards designed to receive either direct surface decoration or gypsum plaster.

Keel en

EN 15283-2:2008/prA1

Identne EN 15283-2:2008/prA1:2009

Tähtaeg 29.04.2009

Kiudsarrusega kipsplaadid. Määratlused, nõuded ja katsemeetodid. Osa 2: Kiududega sarrustatud kipsplaadid

This European Standard specifies the characteristics and performance of gypsum fibre boards intended to be used in building construction works including those intended for secondary manufacturing operations. It includes boards designed to receive either direct surface decoration or gypsum plaster. Gypsum fibre boards are selected for use according to their type, size, thickness and edge profile. The boards may be used for example, to provide dry lining finishes to walls, to fixed and suspended ceilings, to partitions, or as cladding to structural columns and beams. Other uses may be for floors and sheathing applications. This European Standard covers the following product performance characteristics: reaction to fire, water vapour permeability, flexural strength, and thermal resistance.

Keel en

EN ISO 5457:2001/prA1

Identne EN ISO 5457:1999/prA1:2009

ja identne ISO 5457:1999/DAMd 1:2009

Tähtaeg 20.04.2009

Technical product documentation - Sizes and layout of drawing sheets

This International Standard specifies the size and layout of preprinted sheets for technical drawings in any field of engineering, including those produced computer-based.

Keel en

prEN 14232

Identne prEN 14232:2009

Tähtaeg 29.04.2009

Advanced technical ceramics - Terms, definitions and abbreviations

This European Prestandard is a vocabulary which provides a list of terms and associated definitions which are typically used for advanced technical ceramic materials, products, applications, properties and processes. The document contains, in separate lists, those abbreviations which have found general acceptance in scientific and technical literature; they are given together with the corresponding terms and definitions or descriptions.

Keel en

prEN ISO 445

Identne prEN ISO 445:2009

ja identne ISO 445:2008

Tähtaeg 29.04.2009

Pallets for materials handling - Vocabulary

This International Standard defines terms relating to pallets for unit load methods of materials handling. It also includes an informative annex listing general terms relating to materials handling.

Keel en

Asendab EVS-EN ISO 445:2001

prEN ISO 676

Identne prEN ISO 676:2009

ja identne ISO 676:1995+Cor 1:1997

Tähtaeg 29.04.2009

Spices and condiments - Botanical nomenclature

This International Standard gives a non-exhaustive list of the botanical names and common names in English and French of plants or parts of plants used as spices or condiments. NOTE 1 As per the ISTA list? the names of the botanists are given in an abbreviated form, but the names are given in full in annex B.

Keel en

prEN ISO 5492

Identne prEN ISO 5492:2009

ja identne ISO 5492:2008

Tähtaeg 29.04.2009

Sensory analysis - Vocabulary

This International Standard defines terms relating to sensory analysis. NOTE 1 Grammatical forms of terms have been indicated where it was felt useful to do so. It applies to all industries concerned with the evaluation of products by the sense organs. The terms are given under the following headings: 1) general terminology; 2) terminology relating to the senses; 3) terminology relating to organoleptic attributes; 4) terminology relating to methods. NOTE 2 In addition to terms used in the three official ISO languages (English, French and Russian), this document gives the equivalent terms in German and Spanish; these are published under the responsibilities of the member bodies for Germany (DIN) and for Argentina (IRAM), respectively, and are given for information only. Only the terms and definitions given in the official languages can be considered as ISO terms and definitions.

Keel en

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

prEN 15331

Identne prEN 15331:2009

Tähtaeg 29.04.2009

Criteria for design, management and control of maintenance services for buildings

This document specifies the criteria and the general methods that can be used in the planning, management and control of maintenance in buildings and their surrounding area according to the applicable legal requirements, to the objectives of the owners and users and to the required quality of maintenance. This document should apply to the maintenance management of buildings. For informative purposes a possible classification of buildings is given in Annex A.

Keel en

Asendab CEN/TS 15331:2005

11 TERVISEHOOLDUS

EN 13060:2004/prA2

Identne EN 13060:2004/prA2:2009

Tähtaeg 29.04.2009

Väikesemahulised aurusterilisaatorid

This European Standard specifies the performance requirements and test methods for small steam sterilizers and sterilization cycles which are used for medical purposes or for materials that are likely to come into contact with blood or body fluids.

Keel en

EN 13795-1:2002/FprA1

Identne EN 13795-1:2002/FprA1:2009

Tähtaeg 29.04.2009

Kirurgilised linad, kitlid ja kaitseülikonnad, mida kasutatakse meditsiiniliste seadmetena patsientide ja seadmete puhul ning kliinilise personali poolt. Osa 1. Üldnõuded tootjatele, töötajatele ja toodetele

Standard täpsustab kasutajatele ja kolmandatele testijate osapooltele antavat informatsiooni lisaks tavalisele meditsiiniseadmete nimetamisele (vt EN 980 ja EN 1041), mis hõlmab ka tootmise ja töötlemise nõudeid. Käesolev Standard esitab üldised suunised ühekordsetele ja korduvkasutatavatele kirurgiliste linade, kitlite ja kaitseülikondade omadustele, mida kasutatakse meditsiiniliste seadmetena patsientide ja seadmete puhul ning kliinilise personali poolt. Sellega hoitakse ära nakkusohtlike osakeste levikut patsiendi ja kliinilise personali vahel kirurgiliste või teiste invasiivsete protseduuride ajal.

Keel en

EN 13795-2:2005/FprA1

Identne EN 13795-2:2004/FprA1:2009

Tähtaeg 29.04.2009

Kirurgilised linad, kitlid ja kaitseülikonnad, mida kasutatakse meditsiiniliste seadmetena patsientide ja seadmete puhul ning kliinilise personali poolt. Osa 2: Katsemeetodid

Käesolev standardiseeria EN 13795 osa määratleb kirurgiliste linade, kitlite ja kaitseülikondade katsemeetodid.

Keel en

EN 13795-3:2006/FprA1

Identne EN 13795-3:2006/FprA1:2009

Tähtaeg 29.04.2009

Kirurgilised linad, kitlid ja kaitseülikonnad, mida kasutatakse meditsiiniliste seadmetena patsientide ja seadmete puhul ning kliinilise personali poolt. Osa 3: Toimimisnõuded ja -tasemed

Käesolev standardiseeria EN 13795 osa määratleb kirurgiliste linade, kitlite ja kaitseülikondade toimivusnõuded.

Keel en

EN 14180:2003/prA2

Identne EN 14180:2003/prA2:2009

Tähtaeg 29.04.2009

Meditsiinilised steriliseerijad. Madaltemperatuuriga auru ja formaldehüüdi kasutavad steriliseerijad. Nõuded ja katsetamine

This European Standard specifies requirements and tests for LTSF sterilizers, which use a mixture of low temperature steam and formaldehyde as sterilizing agent, and which are working below ambient pressure only

Keel en

EN ISO 7396-1:2007/prA2

Identne EN ISO 7396-1:2007/prA2:2009

ja identne ISO 7396-1:2007/DAM 2:2009

Tähtaeg 29.04.2009

Meditsiinilise gaasi torusüsteemid. Osa 1: Torustikud meditsiiniliste surugaaside ja vaakumi jaoks

Käesolev Euroopa standard määratleb põhinõuded meditsiiniliste surugaaside ja vaakumtorustike süsteemide paigaldamise, toimimise, läbilaskevõime, dokumentatsiooni, kontrollimise ja kasutussevõtmise jaoks eesmärgiga tagada patsiendi ohutus, varustades teda torusüsteemi abil pidevalt õige gaasiga.

Keel en

FprEN ISO 10343

Identne FprEN ISO 10343:2009

ja identne ISO/FDIS 10343:2009

Tähtaeg 29.04.2009

Ophthalmic instruments - Ophthalmometers

This International Standard, together with ISO 15004-1, specifies requirements and test methods for continuously or digitally indicating ophthalmometers. Certain types of ophthalmometer (designated as code 1 in Table 1) are capable of measuring radii of curvature of contact lenses as described in ISO 18369-3:2006, 4.1. It is assumed that the local corneal front surface and both contact lens surfaces are spherical or toroidal. This International Standard takes priority over ISO 15004-1, if differences exist.

Keel en

Asendab EVS-EN ISO 10343:2001

FprEN ISO 11981

Identne FprEN ISO 11981:2009

ja identne ISO/FDIS 11981:2009

Tähtaeg 29.04.2009

Ophthalmic optics - Contact lenses and contact lens care products - Determination of physical compatibility of contact lens care products with contact lenses

This International Standard describes the general procedure and performance criteria for assessing the physical compatibility of contact lens care products with contact lenses and for determining whether the observed changes are reversible.

Keel en

Asendab EVS-EN ISO 11981:2000

FprEN ISO 14971

Identne FprEN ISO 14971:2009

ja identne ISO 14971:2007

Tähtaeg 29.04.2009

Meditsiinivahendid. Riskijuhtimise rakendamine meditsiinivahenditele

This International Standard specifies a process for a manufacturer to identify the hazards associated with medical devices, including in vitro diagnostic (IVD) medical devices, to estimate and evaluate the associated risks, to control these risks, and to monitor the effectiveness of the controls. The requirements of this International Standard are applicable to all stages of the life-cycle of a medical device. This International Standard does not apply to clinical decision making. This International Standard does not specify acceptable risk levels. This International Standard does not require that the manufacturer have a quality management system in place. However, risk management can be an integral part of a quality management system.

Keel en

Asendab EVS-EN ISO 14971:2007

prEN 12183

Identne prEN 12183:2009

Tähtaeg 29.04.2009

Manuaalsed ratastoolid. Nõuded ja katsemeetodid

This European Standard specifies requirements and test methods for manual wheelchairs intended to carry one person of mass not greater than 100 kg. It also specifies requirements and test methods for manual wheelchairs with electrically powered ancillary equipment. This European Standard does not apply in total to: - wheelchairs intended for special purposes, such as sports, showering or toileting; - custom-made wheelchairs; - stand-up wheelchairs; and - add-on power kits for the propulsion of manual wheelchairs.

Keel en

Asendab EVS-EN 12183:2006

prEN 12184

Identne prEN 12184:2009

Tähtaeg 29.04.2009

Elektri jõul töötavad ratastoolid, motorollerid ja nende laadijad. Nõuded ja katsemeetodid

This European Standard specifies requirements and test methods for electrically powered wheelchairs with a maximum speed not exceeding 15 km/h intended to carry one person of mass not greater than 100 kg, which includes: - manual wheelchairs with add-on power kits used for propulsion, - electrically powered wheelchairs, and - electrically powered scooters with three or more wheels. It also specifies requirements and test methods for battery chargers for wheelchairs and scooters. This European Standard does not apply in total to: - wheelchairs intended for special purposes, such as sports, - custom-made wheelchairs, - handrim activated power assisted wheelchairs and - powered office chairs.

Keel en

Asendab EVS-EN 12184:2006

prEN 15908

Identne prEN 15908:2009

Tähtaeg 29.04.2009

Anaesthetic and respiratory equipment - Non-interchangeable screw-threaded (NIST) low-pressure connectors for medical gases

1.1 This European Standard specifies requirements for connectors intended for use with medical gases. 1.2 This European Standard specifies the dimensions and the allocation of non-interchangeable screw-threaded (NIST) connectors. NOTE As stated in EN ISO 5359, gas-specific quick-connectors complying with EN ISO 9170-1 are considered as an alternative to NIST connectors. 1.3 These connectors are intended to be used at nominal operating pressures not greater than 1400 kPa.

Keel en

FprEN ISO 8596

Identne FprEN ISO 8596:2009

ja identne ISO/FDIS 8596:2009

Tähtaeg 29.04.2009

Oftalmiline optika. Nägemisteravuse kontrollimine. Standardoptotüüp ja selle esitlus

This International Standard specifies a range of Landolt ring optotypes and describes a method for measuring distance visual acuity under daylight conditions for the purposes of certification or licensing. It is neither intended as a standard for clinical measurements nor for the certification of blindness or partial sight. For the purposes of measuring visual acuity, the standard optotype should be used. For clinical use, see the recommendation prepared by the Visual Functions Committee of the International Council of Ophthalmology[1].

Keel en

Asendab EVS-EN ISO 8596:1999

FprEN ISO 9801

Identne FprEN ISO 9801:2009

ja identne ISO/FDIS 9801:2009

Tähtaeg 29.04.2009

Ophthalmic instruments - Trial case lenses

This International Standard specifies requirements for mounted ophthalmic full and/or reduced aperture trial case lenses for the determination of the refractive error of the eye. This International Standard takes priority over ISO 15004-1, if differences exist.

Keel en

Asendab EVS-EN ISO 9801:2001

FprEN ISO 10341

Identne FprEN ISO 10341:2009

ja identne ISO/FDIS 10341:2009

Tähtaeg 29.04.2009

Ophthalmic instruments - Refractor heads

This International Standard specifies requirements and test methods for refractor heads used for the determination of refractive errors and binocular functions of the human eye. This International Standard takes priority over ISO 15004-1, if differences exist.

Keel en

Asendab EVS-EN ISO 10341:2001

FprEN ISO 14155-1

Identne FprEN ISO 14155-1:2009

ja identne ISO 14155-1:2003

Tähtaeg 29.04.2009

Meditsiinitehnika inimeste terviseuuringuteks. Osa 1: Üldnõuded

This part of ISO 14155 defines procedures for the conduct and performance of clinical investigations of medical devices. It specifies general requirements intended to - protect human subjects, - ensure the scientific conduct of the clinical investigation, - assist sponsors, monitors, investigators, ethics committees, regulatory authorities and bodies involved in the conformity assessment of medical devices. This part of ISO 14155 a) specifies requirements for the conduct of a clinical investigation such that it establishes the performance of the medical device during the clinical investigation intended to mimic normal clinical use, reveals adverse events under normal conditions of use, and permits assessment of the acceptable risks having regard to the intended performance of the medical device, b) specifies requirements for the organization, conduct, monitoring, data collection and documentation of the clinical investigation of a medical device, c) is applicable to all clinical investigation(s) of medical devices whose clinical performance and safety is being assessed in human subjects. This part of ISO 14155 is not applicable to in vitro diagnostic medical devices.

Keel en

Asendab EVS-EN ISO 14155-1:2003

FprEN ISO 14155-2

Identne FprEN ISO 14155-2:2009

ja identne ISO 14155-2:2003

Tähtaeg 29.04.2009

Meditsiinitehnika inimeste terviseuuringuteks. Osa 2: Kliiniliste uuringute planeerimine

This part of EN ISO 14155 provides requirements for the preparation of a Clinical Investigation Plan (CIP) for the clinical investigation of medical devices. The compilation of a CIP in accordance with the requirements of this standard and adherence to it will help in optimising the scientific validity and reproducibility of the results of a clinical investigation. This Standard does not apply to in vitro diagnostic medical devices.

Keel en

Asendab EVS-EN ISO 14155-2:2003

FprEN ISO 15254

Identne FprEN ISO 15254:2009

ja identne ISO/FDIS 15254:2009

Tähtaeg 29.04.2009

Ophthalmic optics and instruments - Electro-optical devices for enhancing low vision

This International Standard applies to electro-optical devices specified by the manufacturer for use by visually impaired persons, as low-vision aids. It specifies electro-optical and mechanical requirements and test methods. This International Standard does not cover optical devices for enhancing low vision which are specified in ISO 15253.

Keel en

Asendab EVS-EN ISO 15254:2003

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS**FprHD 60364-4-42**

Identne FprHD 60364-4-42:2009

ja identne IEC 60364-4-42:200X

Tähtaeg 30.05.2009

Low voltage electrical installations - Part 4-42: Protection for safety - Protection against thermal effects

This part of IEC 60364 applies to electrical installations with regard to measures for the protection of persons, livestock and property against - thermal effects, combustion or degradation of materials, and risk of burns caused by electrical equipment, - flames in case of a fire hazard being propagated from electrical installations to other fire compartments segregated by barriers which are in the vicinity, and - the impairment of the safe functioning of electrical equipment including safety services. NOTE 1 For protection against thermal effects national statutory requirements may be applicable. NOTE 2 Protection against overcurrent is dealt with in IEC 60364-4-43.

Keel en

prEN ISO 12100

Identne prEN ISO 12100:2009
ja identne ISO/DIS 12100:2009
Tähtaeg 29.04.2009

Safety of machinery - General principles for design, risk assessment and risk reduction

This International Standard defines the basic terminology and specifies the methodology and principles for risk assessment and risk reduction to help designers in achieving safety in the design of machinery. These principles reflect the knowledge and experience of the design, use, incidents, accidents, and risks associated with machinery, and provide the basis for assessing and for the removal of hazards or the reduction of risks during the relevant phases of the life cycle of machinery. This International Standard is also intended to be used as a basis for the preparation of type-B or type-C standards. The provisions stated in this International Standard are intended for the designer. This International Standard does not deal with risk and/or damage to domestic animals, property or the environment. This International Standard gives guidance on the information required to allow risk assessment to be carried out. Procedures are described for identifying hazards and estimating and evaluating risk. This International Standard provides guidance for decisions to be made on the safety of machinery and guidance on the type of documentation required to verify the risk assessment and risk reduction carried out.

Keel en

Asendab EVS-EN ISO 12100-1:2004; EVS-EN ISO 12100-2:2004; EVS-EN ISO 14121-1:2007

17 METROLOOGIA JA MÕÖTMINE. FÜÜSIKALISED NÄHTUSED**FprEN 62489-2**

Identne FprEN 62489-2:2009
ja identne IEC 62489-2:200X
Tähtaeg 29.04.2009

Electroacoustics - Audio-frequency induction loop systems for assisted hearing - Part 2: Methods of calculating and measuring the low-frequency magnetic field emissions from the loop for assessing conformity with guidelines on limits for human exposure

This standard applies to audio-frequency induction-loop systems for assisted hearing. It may also be applied such systems used for other purposes, as far as it is applicable. The standard is intended for assessment of human exposure to low-frequency magnetic fields produced by the system, by calculation and by in-situ testing. This standard does not deal with other aspects of safety, for which IEC 60065 applies, or with EMC.

Keel en

prEN 13523-10

Identne prEN 13523-10:2009
Tähtaeg 29.04.2009

Coil coated metals - Test methods - Part 10: Resistance to fluorescent UV light and water condensation

This Part of EN 13523 describes the basic principles and procedure for determining the resistance of an organic coating on a metallic substrate (coil coating) to a combination of fluorescent UV light, and water condensation and temperature under controlled conditions. Due to varied conditions which occur during natural weathering and the extreme nature of accelerated testing, correlation between the two cannot be expected. Not all organic coatings will perform on an equal basis but a degree of correlation between the same generic type may be observed.

Keel en

Asendab EVS-EN 13523-10:2001

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD**EN 14566:2008/prA1**

Identne EN 14566:2008/prA1:2009
Tähtaeg 29.04.2009

Mehhaanilised kinnitusvahendid kipsplaatsüsteemide fikseerimiseks. Määratlused, nõuded ja katsemeetodid

This European Standard specifies the characteristics and performance of mechanical fasteners, including nails, screws and staples, intended to be used for the fixing of gypsum plasterboard, gypsum boards with fibrous reinforcement, products from secondary processing and suitable ancillary products as shown in Figure 4, to timber and metal, as appropriate, in building construction works. The fasteners secure the board to the framing enabling its surface to be finished by jointing or plastering to receive decoration. They can also be used for the construction of the framing and for the connection between substructure and load bearing components and for fixing boards together. Mechanical fasteners contribute to the stability of the assembly.

Keel en

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD**EN 809:1999/prA1**

Identne EN 809:1998/prA1:2009
Tähtaeg 29.04.2009

Pumbad ja pumbaüksused vedelike jaoks. Üldised ohutusnõuded

Käesolev standard kehtestab tehnilised ohutusnõuded vedelikupumpade või pumbaüksuste konstrueerimise, kokkumonteerimise, paigalduse, töötamise, hooldamise kohta.

Keel en

EN 1012-2:1999/prA1

Identne EN 1012-2:1996/prA1:2009

Tähtaeg 29.04.2009

Kompressorid ja vaakumpumbad. Ohutusnõuded. Osa 2: Vaakumpumbad

Käesolev standard kehtib kõigi vaakumpumpade, vaakumpumpade komplektide ja vaakumpumbasüsteemide korral. Standard esitab nimekirja vaakumpumpadega seotud olulistest ohtudest ja määrab kindlaks vaakumpumpade konstruktsioonile, paigaldusele, töötamisele, korrashoiule ja lahtivõtmisele rakendatavad ohutusnõuded nende ettenähtud töötamisajal ning hilisema utiliseerimise ajal.

Keel en

prEN ISO 10893-1

Identne prEN ISO 10893-1:2009

ja identne ISO/DIS 10893-1:2009

Tähtaeg 29.04.2009

Non-destructive testing of steel tubes - Part 1: Automated electromagnetic testing of seamless and welded (except submerged arc-welded) steel tubes for the verification of hydraulic leak-tightness instead of the hydrostatic test

This part of ISO 10893 specifies requirements for automated electromagnetic testing of seamless and welded steel tubes, with the exception of submerged arc-welded (SAW) tubes, for verification of hydraulic leak-tightness in substitution of hydrostatic test. It is applicable to the inspection of tubes with an outside diameter greater than or equal to 4 mm, when testing with eddy current, and greater than 20 mm when testing with flux leakage method.

Keel en

Asendab EVS-EN 10246-1:1999

prEN ISO 10893-2

Identne prEN ISO 10893-2:2009

ja identne ISO/DIS 10893-2:2009

Tähtaeg 29.04.2009

Non-destructive testing of steel tubes - Part 2: Automated eddy current testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of imperfections

This part of ISO 10893 specifies requirements for automated eddy current testing of seamless and welded tubes with the exception of submerged arc-welded (SAW) tubes, for the detection of imperfections according to the different acceptance levels as shown in Tables 1 and Table 2. It is applicable to the inspection of tubes with an outside diameter greater than or equal to 4 mm. 20

Keel en

Asendab EVS-EN 10246-3:2000

prEN ISO 10893-3

Identne prEN ISO 10893-3:2009

ja identne ISO/DIS 10893-3:2009

Tähtaeg 29.04.2009

Non-destructive testing of steel tubes - Part 4: Automatic full peripheral magnetic transducer/flux leakage testing of seamless ferromagnetic steel tubes for the detection of transverse imperfections

This part of ISO 10893 specifies requirements for automated full peripheral magnetic flux leakage testing of seamless and welded ferromagnetic steel tubes, with the exception of submerged arc-welded (SAW) tubes, for the detection of imperfections. Unless otherwise specified in the purchase order, this document is applied for the detection of predominantly longitudinal imperfections. This document is applicable to the inspection of tubes with an outside diameter equal to or greater than 10 mm.

Keel en

Asendab EVS-EN 10246-4:2000; EVS-EN 10246-5:2000

prEN ISO 10893-4

Identne prEN ISO 10893-4:2009

ja identne ISO/DIS 10893-4:2009

Tähtaeg 29.04.2009

Non-destructive testing of steel tubes - Part 4: Liquid penetrant inspection of seamless and welded steel tubes for the detection of surface imperfections

This part of ISO 10893 specifies requirements applicable to liquid penetrant testing of seamless and welded tubes for the detection of surface imperfections. It may be applied to all or any part of the tube surface as required by the relevant product standards.

Keel en

Asendab EVS-EN 10246-11:2000

prEN ISO 10893-5

Identne prEN ISO 10893-5:2009
ja identne ISO/DIS 10893-5:2009
Tähtaeg 29.04.2009

Non-destructive testing of steel tubes - Part 5: Magnetic particle inspection of seamless and welded ferromagnetic steel tubes for the detection of surface imperfections

1.1 This part of ISO 10893 specifies requirements for magnetic particle inspection of seamless and welded ferromagnetic steel tubes for the detection of surface imperfections on the tube body and the end/bevel face at the ends. 1.2 For the tube body, this document specifies requirements for the detection of surface imperfections on all or part of the outside surface of tubes. However, by agreement between the purchaser and manufacturer, it may be applied to the inside surface over a limited length from the ends of tubes, dependent on the tube diameter. In addition, this document may be used, as appropriate, to locate the position of external surface imperfections detected by another nondestructive testing method (e.g. ultrasonic) prior to dressing of the tube surface, and to ensure complete removal of the imperfection after dressing is complete.

Keel en

Asendab EVS-EN 10246-12:2000; EVS-EN 10246-18:2000

prEN ISO 10893-6

Identne prEN ISO 10893-6:2009
ja identne ISO/DIS 10893-6:2009
Tähtaeg 29.04.2009

Non-destructive testing of steel tubes - Part 6: Radiographic testing of the weld seam of welded steel tubes for the detection of imperfections

This Part of ISO 10893 specifies the requirements for film based radiographic X-ray testing of the longitudinal or helically (spiral) weld seams of automated fusion arc welded steel tubes for the detection of imperfections.

Keel en

Asendab EVS-EN 10246-10:2000

prEN ISO 10893-7

Identne prEN ISO 10893-7:2009
ja identne ISO/DIS 10893-7:2009
Tähtaeg 29.04.2009

Non-destructive testing of steel tubes - Part 7: Digitalradiographic testing of the weld seam of welded steel tubes for the detection of imperfections

This part of ISO 10893 specifies the requirements for digital radiographic X-ray testing by either computed radiography (CR) or radiography with digital detector arrays (DDA), of the longitudinal or helically (spiral) weld seams of automatic fusion arc-welded steel tubes for the detection of imperfections. The standard specifies acceptance levels and calibration procedures.

Keel en

prEN ISO 10893-8

Identne prEN ISO 10893-8:2009
ja identne ISO/DIS 10893-8:2009
Tähtaeg 29.04.2009

Non-destructive testing of steel tubes - Part 8: Automatedultrasonic testing of seamless and welded steel tubes for the detection of laminar imperfections

This part of ISO 10893 specifies requirements for automated ultrasonic testing for the detection of laminar imperfections a) in the pipe body (full peripheral testing) of seamless and welded, except submerged arc welded (SAW) steel tubes, or b) in the area adjacent to the weld seam of welded steel tubes. and optionally (see 5.4.1) c) at the ends (full peripheral testing) of seamless and welded tubes.

Keel en

Asendab EVS-EN 10246-14:2000; EVS-EN 10246-16:2000; EVS-EN 10246-17:2000

prEN ISO 10893-9

Identne prEN ISO 10893-9:2009
ja identne ISO/DIS 10893-9:2009
Tähtaeg 29.04.2009

Non-destructive testing of steel tubes - Part 9: Automatedultrasonic testing for the detection of laminar imperfections in strip/plate used for the manufacture of welded steel tubes

This part of ISO 10893 specifies requirements for the automated ultrasonic testing of strip/plate used in the manufacture of welded tubes for the detection of laminar imperfections carried out in the pipe mill before or during pipe production.

Keel en

Asendab EVS-EN 10246-15:2000

prEN ISO 10893-10

Identne prEN ISO 10893-10:2009

ja identne ISO/DIS 10893-10:2009

Tähtaeg 29.04.2009

Non-destructive testing of steel tubes - Part 10: Automated full peripheral ultrasonic testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of longitudinal and/or transversal imperfections

This part of ISO 10893 specifies requirements for automated full peripheral ultrasonic shear wave (generated by conventional or phased array technique) testing of seamless and welded (except submerged arc-welded (SAW) steel tubes, for the detection of longitudinal and/or transversal imperfections. Unless otherwise specified in the purchase order, the testing method is applied for the detection of predominantly longitudinal imperfections. In the case of testing on longitudinal imperfections, Lamb wave testing may be applied at the discretion of the manufacturer. For seamless tubes, by agreement between purchaser and manufacturer, testing principles of this international standard may be applied to detect imperfections having other orientations. This document is applicable to the inspection of tubes with an outside diameter greater than or equal to 10 mm, normally with an outside diameter-to-thickness ratio greater or equal to 5.

Keel en

Asendab EVS-EN 10246-6:2000; EVS-EN 10246-7:2005

prEN ISO 10893-11

Identne prEN ISO 10893-11:2009

ja identne ISO/DIS 10893-11:2009

Tähtaeg 29.04.2009

Non-destructive testing of steel tubes - Part 11: Automated ultrasonic testing of weld seam of welded steel tubes for the detection of longitudinal and/or transversal imperfections

This part of ISO 10893 specifies requirements for the ultrasonic testing of the weld seam of longitudinally or helically submerged arc-welded (SAW), or electric resistance and induction welded (EW) steel tubes. For SAW tubes, the inspection covers the detection of imperfections oriented predominantly parallel to and/or, by agreement, perpendicular to the weld seam. For EW tubes, the inspection covers the detection of imperfections oriented predominantly parallel to the weld seam.

Keel en

Asendab EVS-EN 10246-9:2000; EVS-EN 10246-8:2000

prEN ISO 10893-12

Identne prEN ISO 10893-12:2009

ja identne ISO/DIS 10893-12:2009

Tähtaeg 29.04.2009

Non-destructive testing of steel tubes - Part 12: Automated full peripheral ultrasonic thickness testing of seamless and welded (except submerged arc-welded) steel tubes

This part of ISO 10893 specifies requirements for the automated full peripheral ultrasonic testing of seamless and welded steel tubes, with the exception of submerged arc welded (SAW) tubes, for wall thickness measurement. The document specifies the testing method and corresponding calibration procedures. This document is applicable to the thickness measurement of tubes with a specified outside diameter equal to or greater than 25,4 mm and a minimum wall thickness of 2,6 mm, unless otherwise agreed.

Keel en

Asendab EVS-EN 10246-13:2000

25 TOOTMISTEHNOLLOOGIA

EN 60745-2-1:2003/FprAD

Identne EN 60745-2-1:2003/FprAD:2009

Tähtaeg 30.05.2009

Käsimootoriga elektrilised tööriistad. Ohutus. Osa 2-1: Erinõuded puuridele ja lööktrellidele

Deals with the safety of hand-held motor-operated or magnetically driven electric tools, specific requirements for drills and impact drills. The rated voltage being not more than 250 V for single-phase a.c. or d.c., and 440 V for three-phase a.c. tools

Keel en

EN 60745-2-2:2003/FprAC

Identne EN 60745-2-2:2003/FprAC:2009

Tähtaeg 29.04.2009

Käeshoitavad mootorajamiga elektritööriistad. Ohutus. Osa 2-17: Erinõuded kruvikeerajatele ja mutrivõtmetele

Deals with the safety of hand-held motor-operated or magnetically driven electric tools, specific requirements for screwdrivers and impact wrenches. The rated voltage being not more than 250 V for single-phase a.c. or d.c., and 440 V for three-phase a.c.

Keel en

EN 60745-2-3:2007/FprAB

Identne EN 60745-2-3:2007/FprAB:2009

Tähtaeg 30.05.2009

Elektrimootoriga töötavate käeshoitavate tööriistade ohutus. Osa 2-3: Erinõuded lihvmasinatele, ketaslihvpinkidele ja poleerimiseadmetele

This standard applies to grinders, with a rated speed not exceeding a peripheral speed of the accessory of 80 m/s at rated capacity, polishers and disk-type sanders, including angle, straight and vertical. This standard applies to tools with a rated capacity not exceeding 230 mm.

Keel en

EN 60745-2-5:2007/FprAB

Identne EN 60745-2-5:2007/FprAB:2009

Tähtaeg 30.05.2009

Käeshoitavad mootorajamiga elektritööriistad. Ohutus. Osa 2-5: Erinõuded ketassaagidele

Deals with the safety of hand-held motor-operated or magnetically driven electric tools, specific requirements for circular saws. The rated voltage being not more than 250 V for single-phase a.c. or d.c., and 440 V for three-phase a.c. tools. This standard does not apply to saws used with abrasive wheels. This standard applies to all types of circular saws. Circular saws hereinafter will be referred to as saws. This standard does not apply to saws used with abrasive wheels.

Keel en

EN 60745-2-6:2003/FprAC

Identne EN 60745-2-6:2003/FprAC:2009

Tähtaeg 30.05.2009

Käeshoitavad mootorajamiga elektritööriistad. Ohutus. Osa 2-5: Erinõuded haamritele

Deals with the safety of hand-held motor-operated or magnetically driven tools, specifically hammers. The rated voltage of the hammers is not more than 250 V for single-phase a.c. or d.c., and 440 V for three-phase a.c. tools. Tools covered by this standard

Keel en

EN 60745-2-11:2003/FprAC

Identne EN 60745-2-11:2003/FprAC:2009

Tähtaeg 29.04.2009

Käsिमootoriga elektrilised tööriistad. Ohutus. Osad 2-11: Erinõuded kahepoolsetele saagidele (kett- ja raiesaad)

Deals with the safety of hand-held motor-operated or magnetically driven tools, specific requirements for reciprocating saws. The rated voltage being not more than 250 V for single-phase a.c. or d.c. and 440 V for three-phase a.c. tools. Tools covered by this standard include but are not limited to jigsaws and reciprocating (sabre) saws

Keel en

EN 60745-2-14:2003/FprA2

Identne EN 60745-2-14:2003/FprA2:2009

ja identne IEC 60745-2-14:2003/A2:200X

Tähtaeg 30.05.2009

Hand-held motor-operated electric tools - Safety - Part 2-14: Particular requirements for planers

This standard applies to planers with a cutting width up to 150 mm.

Keel en

EN 60745-2-19:2005/FprA1

Identne EN 60745-2-19:2005/FprA1:2009

ja identne IEC 60745-2-19:2005/A1:200X

Tähtaeg 30.05.2009

Käeshoitavad mootorajamiga elektritööriistad. Ohutus. Osa 2-19: Erinõuded hõõvlitele (IEC 60745-2-19:2005 (Muudetud))

Applies to jointers for cutting into wood or similar material

Keel en

prEN 13523-10

Identne prEN 13523-10:2009

Tähtaeg 29.04.2009

Coil coated metals - Test methods - Part 10: Resistance to fluorescent UV light and water condensation

This Part of EN 13523 describes the basic principles and procedure for determining the resistance of an organic coating on a metallic substrate (coil coating) to a combination of fluorescent UV light, and water condensation and temperature under controlled conditions. Due to varied conditions which occur during natural weathering and the extreme nature of accelerated testing, correlation between the two cannot be expected. Not all organic coatings will perform on an equal basis but a degree of correlation between the same generic type may be observed.

Keel en

Asendab EVS-EN 13523-10:2001

prEN ISO 26304

Identne prEN ISO 26304:2009

ja identne ISO 26304:2008

Tähtaeg 29.04.2009

Welding consumables - Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of high strength steels - Classification

This International Standard specifies requirements for classification of solid wire electrodes, tubular cored electrodes, and electrode/flux combinations (all-weld metal deposits) in the as-welded condition and in the post weld heat-treated condition for submerged arc welding of high strength steels with a minimum yield strength greater than 500 MPa or a minimum tensile strength greater than 570 MPa. One flux can be tested and classified with different electrodes. One electrode can be tested and classified with different fluxes. The solid wire electrode is also classified separately based on its chemical composition.

Keel en

Asendab EVS-EN 14295:2004

27 ELEKTRI- JA SOOJUSENERGEETIKA**FprEN 61400-24**

Identne FprEN 61400-24:2009

ja identne IEC 61400-24:200X

Tähtaeg 30.05.2009

Wind turbines - Part 24: Lightning protection

This standard applies to lightning protection of wind turbine generators and wind power systems. Normative references are made to generic standards for lightning protection, low-voltage systems and high-voltage systems for machinery and installations and electromagnetic compatibility (EMC). The standard defines the lightning environment for wind turbines and application of the environment for risk assessment for the wind turbine. It defines requirements for protection of blades, other structural components and electrical and control systems against both direct and indirect effects of lightning. Test methods to validate compliance are recommended. Guidance on the use of applicable lightning protection, industrial electrical and EMC standards incl. earthing is provided. Guidance regarding personal safety is provided. Guidelines for damage statistics and reporting are provided.

Keel en

29 ELEKTROTEHNIKA**EN 60061-1:2001/FprA43**

Identne EN 60061-1:1993/FprA43:2009

ja identne IEC 60061-1:1969/A43:200X

Tähtaeg 29.04.2009

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

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

Keel en

EN 60061-2:2001/FprA40

Identne IEC 60061-2:1969/A40:200X

ja identne IEC 60061-2:1969/A40:200X

Tähtaeg 29.04.2009

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

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

Keel en

EN 60061-3:2001/FprA41

Identne EN 60061-3:1993/FprA41:2009

ja identne IEC 60061-3:1969/A41:200X

Tähtaeg 29.04.2009

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

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

Keel en

EN 60691:2003/FprA2

Identne EN 60691:2003/FprA2:2009

ja identne IEC 60691:2002/A2:200X

Tähtaeg 29.04.2009

Soojuslingid. Nõuded ja rakendusjuhised

Applies to thermal-links, intended for incorporation in electrical appliances, electronic equipment and component parts thereof, normally intended for use indoors, in order to protect them against excessive temperatures under abnormal conditions. May be applicable to thermal-links for use under other than indoor conditions, provided that the climatic and other circumstances in the immediate surroundings of such thermal-links are comparable with those in this standard.

Keel en

EN 60893-3-2:2004/FprA1

Identne EN 60893-3-2:2004/FprA1:2009

ja identne IEC 60893-3-2:2003/A1:200X

Tähtaeg 30.05.2009

Insulating materials - Industrial rigid laminated sheets based on thermosetting resins for electrical purposes - Part 3-2: Specifications for individual materials - Requirements for rigid laminated sheets based on epoxy resins

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

Keel en

EN 62040-3:2002/FprAA

Identne EN 62040-3:2001/FprAA:2009

Tähtaeg 29.04.2009

Uninterruptible power systems (UPS) - Part 3: Method of specifying the performance and test requirements

Applies to electronic direct a.c. converter systems with electrical energy storage means in the d.c. link. Ensures continuity of an alternating power source. Also includes the method of specifying all power switches that form integral parts of a UPS and are associated with its output. Included are interrupters, bypass switches, isolating switches, load transfer switches and tie switches. Does not refer to conventional mains distribution boards, rectifier input switches or d.c. switches or UPS based on rotating machines. Defines a complete uninterruptible power system in terms of its performance and not individual UPS functional units.

Keel en

FprEN 60297-3-106

Identne FprEN 60297-3-106:2009

ja identne IEC 60297-3-106:200X

Tähtaeg 29.04.2009

Mechanical structures for electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 3-106: Adaptation dimensions for subracks and chassis applicable with metric cabinets or racks in accordance with

This standard specifies dimensions for mounting flanges of 19 in subracks or chassis that are to be mounted into metric cabinets or racks. Additional dimensions for 19 in subracks or chassis to IEC 60297 series suitable to interface with metric cabinets or racks of the IEC 60917 series. EMC, seismic, climatic and mechanical requirements and tests, are defined in the IEC 61587 series. The drawings used in this standard are not intended to indicate product design, only the specific dimensions that shall be used. The terminology used complies with IEC 60917-1.

Keel en

FprEN 60917-2-4

Identne FprEN 60917-2-4:2009

ja identne IEC 60917-2-4:200X

Tähtaeg 29.04.2009

Modular order for the development of mechanical structures for electronic equipment practices - Part 2-4: Sectional specification - Interface co-ordination dimensions for the 25 mm equipment practice - Adaptation dimensions for subracks or chassis applicable in cabinets or racks in accordance with IEC 60297-3-100 (19 in)

This standard specifies dimensions for mounting flanges of metric subracks or chassis that are to be mounted into 19 in cabinets or racks. Additional dimensions for subracks or chassis are according to the IEC 60917 series, and for 19 in cabinets or racks to the IEC 60297 series. EMC, seismic climatic and mechanical requirements and tests, are defined in the IEC 61587 series. The drawings used in this standard are not intended to indicate product design, only the specific dimensions that shall be used. The terminology used complies with IEC 60917-1

Keel en

FprEN 61558-2-8

Identne FprEN 61558-2-8:2009

ja identne IEC 61558-2-8:200X

Tähtaeg 29.04.2009

Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V - Part 2-8: Particular requirements and tests for bell and chime transformers

This part of IEC 61558 deals with the safety of bell and chime transformers. Transformers incorporating electronic circuits are also covered by this standard. NOTE 1 Safety includes electrical, thermal and mechanical aspects. Unless otherwise specified, from here onward, the term transformer covers bell and chime transformers and power supply units incorporating bell and chime transformers. NOTE 2 Switch mode power supply units are covered by IEC 61558-2-16. This Part 2-8 is applicable to stationary, single-phase, air-cooled (natural or forced) independent or associated dry-type transformers. The windings may be encapsulated or non-encapsulated. The rated supply voltage does not exceed 250 V a.c., and the rated supply frequency and the internal operating frequencies do not exceed 500 Hz. The rated output shall not exceed 100 VA. The no-load output voltage does not exceed 33 V a.c. or 46 V ripple-free d.c., and the rated output voltage does not exceed 24 V a.c., or 33 V ripple-free d.c.

Keel en

Asendab EVS-EN 61558-2-8:2001

FprEN 62080

Identne FprEN 62080:2009

ja identne IEC 62080:2001+A1:2008

Tähtaeg 29.04.2009

Sound signalling devices for household and similar purposes

This International Standard applies to sound signalling devices with integral enclosures or to sound signalling devices intended to be fitted into or supplied with enclosures according to IEC 60670 intended for household and similar purposes with rated voltages not exceeding 250 V a.c. or 250 V d.c. and with rated power inputs not exceeding 100 VA. In these sound signalling devices an indicating light having a rated input power not exceeding 10 VA may also be incorporated. These products are designated as "devices" throughout the remainder of the text. This standard applies to fixed, portable and plug-in devices for indoor or outdoor use. In locations where special conditions prevail, special constructions may be required.

Keel en

prEN 50526-1

Identne prEN 50526-1:2009

Tähtaeg 29.04.2009

Railway applications - Fixed installations - D.C. surge arresters and voltage limiting devices - Part 1: Surge arresters

This European Standard applies to non-linear metal-oxide resistor type surge arresters without spark gaps designed to limit voltage surges on d.c. systems with nominal voltage up to 3 kV.

Keel en

Asendab EVS-EN 50123-5:2003

31 ELEKTROONIKA**EN 61190-1-3:2007/FprA1**

Identne EN 61190-1-3:2007/FprA1:2009

ja identne IEC 61190-1-3:2007/A1:200X

Tähtaeg 29.04.2009

Attachment materials for electronic assembly - Part 1-3: Requirements forelectronic grade solder alloys and fluxed and non-fluxed solid solders for electronicsoldering applications

This part of IEC 61190 prescribes the requirements and test methods for electronic grade solder alloys, for fluxed and non-fluxed bar, ribbon, powder solders and solder paste, for electronic soldering applications and for "special" electronic grade solders. For the generic specifications of solder alloys and fluxes, see ISO 9453, ISO 9454-1 and ISO 9454-2. This standard is a quality control document and is not intended to relate directly to the material's performance in the manufacturing process

Keel en

FprEN 60191-6

Identne FprEN 60191-6:2009

ja identne IEC 60191-6:200X

Tähtaeg 29.04.2009

Mechanical standardization of semiconductor devices - Part 6: General rules for thepreparation of outline drawings of surface mounted semiconductor device packages

This part of IEC 60191 gives general rules for the preparation of outlines drawings of surface-mounted semiconductor devices. It supplements IEC Publications 60191-1 and 60191-3. It covers all surface-mounted devices-discrete semiconductors with lead count of greater or equal to 8, as well as integrated circuits-classified as form E in clause3 of IEC 60191-4.

Keel en

FprEN 60286-3-1

Identne FprEN 60286-3-1:2009

ja identne IEC 60286-3-1:200X

Tähtaeg 29.04.2009

Packaging of components for automatic handling - Part 3-1: Packaging of surface mount components on continuous tapes - Type V - Pressed carrier tapes

This part of IEC 60286 is applicable to the taping of surface mount components using carrier tapes which have concave cavities formed by compression of the base material.

Keel en

Asendab EVS-EN 60286-3:2007

FprEN 60286-3-2

Identne FprEN 60286-3-2:2009

ja identne IEC 60286-3-2:200X

Tähtaeg 29.04.2009

Packaging of components for automatic handling - Part 3-2: Packaging of surfacemount components on continuous tapes - Type VI - Blister carrier tapes of 4 mmwidth

This part of IEC 60286 is applicable to the tape packing of ultra small surface mount components using plastic blister carrier tape of 4 mm in width which has concave cavities for containing components of 1 mm in pitch of the component compartments (W4P1).

Keel en

Asendab EVS-EN 60286-3:2007

FprEN 62418

Identne FprEN 62418:2009
ja identne IEC 62418:200X
Tähtaeg 29.04.2009

Semiconductor devices - Metallization stress void test

This standard describes a method of metallization stress void test and associated criteria. It is applicable to aluminium (Al) or copper (Cu) metallization. This standard is applicable for reliability investigation and qualification of semiconductor process.
Keel en

33 SIDETEHNIKA**EN 60958-3:2006/FprA1**

Identne EN 60958-3:2006/FprA1:2009
ja identne IEC 60958-3:2006/A1:200X
Tähtaeg 29.04.2009

Digital audio interface Part 3: Consumer applications

This part of IEC 60958 specifies the consumer application of the interface for the interconnection of digital audio equipment defined in IEC 60958-1.

Keel en

FprEN 60461

Identne FprEN 60461:2009
ja identne IEC 60461:200X
Tähtaeg 29.04.2009

Time and control code

This standard specifies a digital time and control code for use in television, film, and accompanying audio systems operating at nominal rate of 60, 59.94, 50, 30, 29.97, 25, 24 and 23.98 frames per second. This standard specifies a time address, binary groups, and flag bit structure. In addition, the standard specifies a binary group flag assignment, a linear time code transport, and a vertical interval time code transport. This standard defines primary data transport structures for linear time code (LTC) and vertical interval time code (VITC). This standard specifies the LTC modulation and timing for all video formats. This standard also defines the VITC modulation and location for 525/59.94 and 625/50 analogue composite and component systems only.

Keel en

Asendab EVS-EN 60461:2003

35 INFOTEHNOLOOGIA. KONTORISEADMED**prEN 14908-6**

Identne prEN 14908-6:2009
Tähtaeg 29.04.2009

Open Data Communication in Building Automation, Controls and Building Management - Control Network Protocol - Part 6: Application elements

This document provides mechanisms through which various vendors of building automation, control, and building management systems may exchange information in a standardised way. This document provides specifications for the Application Elements of Control Network Protocol packets as follows: - Definitions of standardized packet (network-variable) data types - Definitions of device-interface files - Definitions of standardized configuration-property types - Definitions of standardized enumeration types - Definitions of standardized functional profiles - Definition of the standardized method of file transfer between devices The purpose of this specification is to insure interoperability between various CNP implementations. This document contains all the information necessary to read and interpret the format of data and control information that is used by EN 14908-5. It also defines the device interface for a device as specified, which is necessary to exchange data between various devices from different manufacturers.

Keel en

37 VISUAALTEHNIKA**prEN 15907**

Identne prEN 15907:2009
Tähtaeg 29.04.2009

Film identification - Enhancing interoperability of metadata - Element sets and structures

This European Standard contains a set of metadata for the description of cinematographic works, as well as a terminology for use by parties wishing to exchange such descriptive metadata. It also defines some basic entities and relationships useful for defining data models as well as for structuring serialised representations of metadata about cinematographic works including their variants, editions, and items. Specific vocabularies for values of elements, sub-elements and attributes are mandated only in selected cases, and only if these vocabularies are actively maintained by a standardisation body.

Keel en

45 RAUDTEETEHNIKA**FprEN 61881-1**

Identne FprEN 61881-1:2009

ja identne IEC 61881-1:200X

Tähtaeg 29.04.2009

Railway applications - Rolling stock equipment - Capacitors for power electronics - Part 1: Requirements, tests and general information

This International Standard applies to capacitors for power electronics intended to be used on rolling stock. The rated voltage of capacitors covered by this part is limited to 10 000 V. The operating frequency of the systems in which these capacitors are used is usually up to 15kHz, while the pulse frequencies may be up to 5 to 10 times the operating frequency. It distinguishes between a.c. and d.c. capacitors. They are considered as components mounted in enclosures.

Keel en

Asendab EVS-EN 61881:2002

49 LENNUNDUS JA KOSMOSETEHNIKA**FprEN 3613**

Identne FprEN 3613:2009

Tähtaeg 29.04.2009

Aerospace series - Bolts, normal hexagonal head, relieved shank, long thread, in heat resisting nickel base alloy NI-PH2601 (Inconel 718), silver plated - Classification: 1 275 MPa/650 °C

This standard specifies the characteristics of bolts normal hexagonal head with relieved shank and long thread in heat resisting nickel base alloy NI-PH2601 (Inconel 718), for aerospace applications. Classification: 1 275 MPa 1) / 650 °C 2)

Keel en

FprEN 4127

Identne FprEN 4127:2009

Tähtaeg 29.04.2009

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

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

Keel en

FprEN 4128

Identne FprEN 4128:2009

Tähtaeg 29.04.2009

Aerospace series - Bolts, normal hexagonal head, coarse tolerance normal shank, short thread, in heat resisting nickel base alloy, aluminium IVD coated - Classification: 1 250 MPa (at ambient temperature) / 425 °C

This standard specifies the characteristics of bolts, normal hexagonal head, coarse tolerance normal shank, short thread, in heat resisting nickel base alloy, aluminium IVD coated. Classification: 1 250 MPa 1) / 425 °C 2)

Keel en

FprEN 4474

Identne FprEN 4474:2009

Tähtaeg 29.04.2009

Aerospace series - Aluminium pigmented coatings - Coating methods

This standard defines the coating methods and characteristics of aluminium pigmented coatings to EN 4473 which may be applied to fasteners in titanium, titanium alloys, heat resisting nickel base or cobalt base alloys and corrosion resisting steels excluding high strength steels above 1 550 MPa.

Keel en

53 TÖSTE- JA TEISALDUS-SEADMED**EN 14492-1:2006/prA1**

Identne EN 14492-1:2006/prA1:2009

Tähtaeg 29.04.2009

Kraanad. Elektrilised vintsid ja tõstemehhanismid. Osa 1: Elektrilised tõstemehhanismid

This European Standard is applicable to the design, information for use, maintenance and testing of power driven winches for which the prime mover is an electric motor, hydraulic motor, internal combustion motor or pneumatic motor. They are designed for the lifting and lowering of loads which are suspended on hooks or other load handling devices or for the lifting and lowering of loads on inclined planes or the exclusive pulling of loads on planes which are normally horizontal.

Keel en

EN 14492-2:2007/prA1

Identne EN 14492-2:2006/prA1:2009

Tähtaeg 29.04.2009

Kraanad. Elektrilised vintsid ja tõstemehhanismid. Osa 2: Elektrilised tõstukid

This European Standard is applicable to the design, information for use, maintenance and testing of power driven hoists with or without trolleys for which the prime mover is an electric, hydraulic or pneumatic motor. They are designed for the lifting and lowering of loads which are suspended on hooks or other load lifting attachments. Hoists can be used either in cranes, in other machines, e.g. rail dependent storage and retrieval equipment, monorail conveyors or by itself.

Keel en

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID**prEN 14634**

Identne prEN 14634:2009

Tähtaeg 29.04.2009

Glass packaging - 26 H 180 crown finish - Dimensions

This document specifies the dimensions of the 26 mm tall crown finish for glass bottles containing beverages. The tall crown finish is designed to use a metal crown closure (see CE.T.I.E. data sheet EC 1.02 [2]).

Keel en

Asendab EVS-EN 14634:2004

prEN 14635

Identne prEN 14635:2009

Tähtaeg 29.04.2009

Glass packaging - 26 H 126 crown finish - Dimensions

This document specifies the dimensions of the 26 mm shallow crown finish for glass bottles containing beverages. The shallow crown finish is designed to use a metal crown closure (see CE.T.I.E. data sheet EC 1.02 [2]).

Keel en

Asendab EVS-EN 14635:2004

prEN 15904

Identne prEN 15904:2009

Tähtaeg 29.04.2009

Glass packaging - Standard tolerances for flaconnage

This draft European Standard specifies the tolerances for the bottles intended to be used for pharmaceutical products, cosmetic and perfumery products and chemical products. The following types of tolerances are concerned : - Brimful capacity tolerances - Height tolerances - Diameter and width tolerances - Verticality tolerances. The following types of bottles are excluded from this draft Standard: - "Miniatures" - Small bottles for extracts, essences, etc - Small jars (e.g individual portions of jam)

Keel en

prEN ISO 445

Identne prEN ISO 445:2009

ja identne ISO 445:2008

Tähtaeg 29.04.2009

Pallets for materials handling - Vocabulary

This International Standard defines terms relating to pallets for unit load methods of materials handling. It also includes an informative annex listing general terms relating to materials handling.

Keel en

Asendab EVS-EN ISO 445:2001

59 TEKSTIILI- JA NAHATEHNOLOOGIA**prEN ISO 105-E01**

Identne prEN ISO 105-E01:2009

ja identne ISO/DIS 105-E01:2009

Tähtaeg 29.04.2009

Tekstiil. Värvipüsivuse katsetamine. Osa E01: Värvipüsivus vee toimele

This part of ISO 105 specifies a method for determining the resistance of the colour of textiles of all kinds and in all forms to immersion in water.

Keel en

Asendab EVS-EN ISO 105-E01:2000

prEN ISO 105-E03

Identne prEN ISO 105-E03:2009
ja identne ISO/DIS 105-E03:2009
Tähtaeg 29.04.2009

Tekstiil. Värvipüsivuse katsetamine. Osa E03: Värvipüsivus klooritud vee (basseinivee) toimele

This part of ISO 105 specifies a method for determining the resistance of the colour of textiles of all kinds and in all forms to the action of active chlorine in concentrations such as are used to disinfect swimming-pool water (break-point chlorination). Three alternative test conditions are specified. The active chlorine concentrations of 50 mg/l and 100 mg/l are intended for swimwear. The active chlorine concentration of 20 mg/l is intended for accessories such as beach robes and towels.

Keel en

Asendab EVS-EN ISO 105-E03:2000

prEN ISO 105-E07

Identne prEN ISO 105-E07:2009
ja identne ISO/DIS 105-E07:2009
Tähtaeg 29.04.2009

Textiles - Tests for colour fastness - Part E07: Colour fastness to spotting by water

This part of ISO 105 specifies a method for determining the resistance of the colour of textiles of all kinds and in all forms to spotting by water.

Keel en

Asendab EVS-EN ISO 105-E07:2003

prEN ISO 105-E09

Identne prEN ISO 105-E09:2009
ja identne ISO/DIS 105-E09:2009
Tähtaeg 29.04.2009

Textiles - Tests for colour fastness - Part E09: Colour fastness to boiling water

This part of ISO 105 specifies a method for determining the resistance of the colour of textiles of all kinds and in all forms to the action of boiling water. It is mainly applicable to wool and textiles containing wool.

Keel en

Asendab EVS-EN ISO 105-E09:2000

prEN ISO 105-E12

Identne prEN ISO 105-E12:2009
ja identne ISO/DIS 105-E12:2009
Tähtaeg 29.04.2009

Textiles - Tests for colour fastness - Part E12: Colour fastness to alkaline milling

This part of ISO 105 specifies a method for determining the resistance of the colour of wool and part-wool textiles to the action of soap and sodium carbonate solutions used in alkaline milling (severe method) or of a soap solution only (mild method). The mild method may be applied to light- or medium-weight wool (or wool-containing) apparel fabrics.

Keel en

Asendab EVS-EN ISO 105-E12:2003

FprEN ISO 1889

Identne FprEN ISO 1889:2009
ja identne ISO/FDIS 1889:2009
Tähtaeg 29.04.2009

Sarruslõng. Joontiheduse määramine

This International Standard specifies a method for the determination of the linear density of glass-fibre, carbon-fibre, aramid-fibre and any other reinforcement-fibre yarns. It is applicable to all types of yarn, including single yarns, double and cabled yarns, textured yarns, rovings and staple-fibre yarns.

Keel en

Asendab EVS-EN ISO 1889:2000

prEN ISO 17072-1

Identne prEN ISO 17072-1:2009

ja identne ISO/DIS 17072-1:2009

Tähtaeg 29.04.2009

Leather - Chemical determination of metal content - Part 1: Extractable metals

This standard specifies a method for the determination of extractable metals in leather using extraction with an acid artificial perspiration solution and subsequent determination with Inductively Coupled Plasma – Optical Emission Spectrometry (ICP-OES), or Inductively Coupled Plasma – Atomic Emission Spectrometry (ICP-AES) or Inductively Coupled Plasma – Mass (ICP-MS) or Atomic Absorption Spectrometer (AAS). This method is especially suitable to determine the extractable chromium in chromium tanned leathers. This test method is an analysis for extractable metals in leather, it is not compound specific or specific to the oxidation state of the metals. The method is also applicable for the determination of many extractable metals, including: Aluminium (Al) Magnesium (Mg) Tellurium (Te) Antimony (Sb) Manganese (Mn) Tin (Sn) Arsenic (As) Mercury (Hg) Titanium (Ti) Barium (Ba) Molybdenum (Mo) Tungsten (W) Cadmium (Cd) Mercury (Hg) Vanadium (V) Calcium (Ca) Nickel (Ni) Zinc (Zn) Chromium (Cr) Nickel (Ni) Zirconium (Zr) Cobalt (Co) Potassium (K) Copper (Cu) Selenium (Se) Iron (Fe) Silicon (Si) Lead (Pb) Tallium (Tl)

Keel en

prEN ISO 17072-2

Identne prEN ISO 17072-2:2009

ja identne ISO/DIS 17072-2:2009

Tähtaeg 29.04.2009

Leather - Chemical determination of metal content - Part 2: Total metal content

This standard specifies a method for the determination of total metal content in leather using digestion of the leather and subsequent determination with Inductively Coupled Plasma – Optical Emission Spectrometry (ICP-OES), or Inductively Coupled Plasma – Mass (ICP-MS) or Atomic Absorption Spectrometer (AAS). This is an analysis for the total metal content in leather, it is not compound specific or specific to the oxidation state of the metals. The method is applicable for determining the following metals: Aluminium (Al) Magnesium (Mg) Tallium (Tl) Antimony (Sb) Manganese (Mn) Tellurium (Te) Arsenic (As) Mercury (Hg) Tin (Sn) Barium (Ba) Molybdenum (Mo) Titanium (Ti) Cadmium (Cd) Mercury (Hg) Tungsten (W) Calcium (Ca) Nickel (Ni) Vanadium (V) Chromium (Cr) (see 1.2 below) Nickel (Ni) Zinc (Zn) Cobalt (Co) Potassium (K) Zirconium (Zr) Copper (Cu) Selenium (Se) Iron (Fe) Silicon (Si) Lead (Pb) Sodium (Na)

Keel en

65 PÕLLUMAJANDUS**EN 13684:2004/FprA2**

Identne EN 13684:2004/FprA2:2009

Tähtaeg 29.04.2009

Aiapidamiseadmed. Jalakäija poolt kontrollitavad muruõhutus- ja samblaemaldusseadmed. Ohutus

This European Standard specifies safety requirements and their verification for the design and construction of pedestrian controlled integrally powered lawn aerators and scarifiers which are designed for re-generating lawns by, for instance, combing out grass, thatch and moss or cutting vertically into the lawn face using tines which rotate about a horizontal axis. It describes methods of elimination or reduction of hazards arising from their use. In addition, it specifies the type of information to be provided by the manufacturer on safe working practices.

Keel en

prEN 15905

Identne prEN 15905:2009

Tähtaeg 29.04.2009

Fertilizers - Determination of 3-methylpyrazole (MP) using high-performance liquid chromatography (HPLC)

This document specifies a method for the determination of the 3-methylpyrazole (MP) content in fertilizers, in particular in urea and materials containing urea using high-performance liquid chromatography (HPLC).

Keel en

prEN 15909

Identne prEN 15909:2009

Tähtaeg 29.04.2009

Fertilizers - Determination of calcium and formate in calcium foliar fertilizers

This document specifies a method for the determination of the content of calcium and formate in calcium foliar fertilizers in the presence of calcium chloride. This is determined and calculated by individual analytical determination of the following components: - Calcium (Ca²⁺), - Chloride (Cl⁻), - Formate (HCOO⁻). The method is applicable to calcium foliar fertilizers with a calcium content of approximately 30 %.

Keel en

67 TOIDUAINETE TEHNOLOGIA

prEN ISO 676

Identne prEN ISO 676:2009

ja identne ISO 676:1995+Cor 1:1997

Tähtaeg 29.04.2009

Spices and condiments - Botanical nomenclature

This International Standard gives a non-exhaustive list of the botanical names and common names in English and French of plants or parts of plants used as spices or condiments. NOTE 1 As per the ISTA list? the names of the botanists are given in an abbreviated form, but the names are given in full in annex B.

Keel en

prEN ISO 939

Identne prEN ISO 939:2009

ja identne ISO 939:1980

Tähtaeg 29.04.2009

Spices and condiments - Determination of moisture content - Entrainment method

This International Standard specifies an entrainment method for the determination of the moisture content of spices and condiments,

Keel en

prEN ISO 948

Identne prEN ISO 948:2009

ja identne prEN ISO 948:2009

Tähtaeg 29.04.2009

Spices and condiments - Sampling

This International Standard specifies a method of sampling spices and condiments.

Keel en

prEN ISO 5492

Identne prEN ISO 5492:2009

ja identne ISO 5492:2008

Tähtaeg 29.04.2009

Sensory analysis - Vocabulary

This International Standard defines terms relating to sensory analysis. NOTE 1 Grammatical forms of terms have been indicated where it was felt useful to do so. It applies to all industries concerned with the evaluation of products by the sense organs. The terms are given under the following headings: 1) general terminology; 2) terminology relating to the senses; 3) terminology relating to organoleptic attributes; 4) terminology relating to methods. NOTE 2 In addition to terms used in the three official ISO languages (English, French and Russian), this document gives the equivalent terms in German and Spanish; these are published under the responsibilities of the member bodies for Germany (DIN) and for Argentina (IRAM), respectively, and are given for information only. Only the terms and definitions given in the official languages can be considered as ISO terms and definitions.

Keel en

prEN ISO 6571

Identne prEN ISO 6571:2009

ja identne ISO 6571:2008

Tähtaeg 29.04.2009

Spices, condiments and herbs - Determination of volatile oil content (hydrodistillation method)

This International Standard specifies a method for the determination of the volatile oil content of spices, condiments and herbs.

Keel en

prEN ISO 13720

Identne prEN ISO 13720:2009

ja identne ISO/DIS 13720:2009

Tähtaeg 29.04.2009

eat and meat products - Enumeration of presumptive *Pseudomonas* spp.

This International Standard describes a method for the enumeration of presumptive *Pseudomonas* spp. present in meat and meat products, including poultry.

Keel en

71 KEEMILINE TEHNOLOOGIA

prEN ISO 3218

Identne prEN ISO 3218:2009

ja identne ISO 3218:1976

Tähtaeg 29.04.2009

Essential oils - Principles of nomenclature

This International Standard lays down the principles to be adopted for deriving the English and French names of essential oils.

Keel en

75 NAFTA JA NAFTATEHNOLOOGIA

prEN ISO 6326-1

Identne prEN ISO 6326-1:2009

ja identne ISO 6326-1:2007

Tähtaeg 29.04.2009

Natural gas - Determination of sulfur compounds - Part 1: General introduction

This part of ISO 6326 gives a brief description of standardized methods that can be used for the determination of sulfur compounds in natural gas. The principle of each method is described generally, the range of concentrations for which the method is suitable is indicated, and the analytical range and precision of each method is given. It should enable the user to select judiciously the proper method for the application being considered. Sulfur analysis is performed in order to determine a) total sulfur, b) sulfur contained in specific groups (e.g. thiol sulfur), c) individual sulfur compounds, and d) specific groups of sulfur compounds.

Keel en

prEN ISO 12213-1

Identne prEN ISO 12213-1:2009

ja identne ISO 12213-1:2006

Tähtaeg 29.04.2009

Natural gas - Calculation of compression factor - Part 1: Introduction and guidelines

ISO 12213 specifies methods for the calculation of compression factors of natural gases, natural gases containing a synthetic admixture and similar mixtures at conditions under which the mixture can exist only as a gas. It is divided into three parts: this part of ISO 12213 gives an introduction and provides guidelines for the methods of calculation described in ISO 12213-2 and ISO 12213-3. Part 2 gives a method for use where the detailed molar composition of the gas is known. Part 3 gives a method for use where a less detailed analysis, comprising superior calorific value (volumetric basis), relative density, carbon dioxide content and (if non-zero) hydrogen content, is available. Both methods are applicable to dry gases of pipeline quality within the range of conditions under which transmission and distribution, including metering for custody transfer or other accounting purposes, are normally carried out. In general, such operations take place at temperatures between about 263 K and 338 K (approximately $-10\text{ }^{\circ}\text{C}$ to $65\text{ }^{\circ}\text{C}$) and pressures not exceeding 12 MPa (120 bar). Within this range, the uncertainty of prediction of both methods is about $\pm 0,1\%$ provided that the input data, including the relevant pressure and temperature, have no uncertainty.

Keel en

Asendab EVS-EN ISO 12213-1:2005

prEN ISO 12213-2

Identne prEN ISO 12213-2:2009

ja identne ISO 12213-2:2006

Tähtaeg 29.04.2009

Natural gas - Calculation of compression factor - Part 2: Calculation using molar-composition analysis

ISO 12213 specifies methods for the calculation of compression factors of natural gases, natural gases containing a synthetic admixture and similar mixtures at conditions under which the mixture can exist only as a gas. This part of ISO 12213 specifies a method for the calculation of compression factors when the detailed composition of the gas by mole fractions is known, together with the relevant pressures and temperatures. The method is applicable to pipeline quality gases within the ranges of pressure p and temperature T at which transmission and distribution operations normally take place, with an uncertainty of about $\pm 0,1\%$. It can be applied, with greater uncertainty, to wider ranges of gas composition, pressure and temperature (see Annex E). More detail concerning the scope and field of application of the method is given in ISO 12213-1.

Keel en

Asendab EVS-EN ISO 12213-2:2005

prEN ISO 12213-3

Identne prEN ISO 12213-3:2009

ja identne ISO 12213-3:2006

Tähtaeg 29.04.2009

Natural gas - Calculation of compression factor - Part 3: Calculation using physical properties

ISO 12213 specifies methods for the calculation of compression factors of natural gases, natural gases containing a synthetic admixture and similar mixtures at conditions under which the mixture can exist only as a gas. This part of ISO 12213 specifies a method for the calculation of compression factors when the superior calorific value, relative density and carbon dioxide content are known, together with the relevant pressures and temperatures. If hydrogen is present, as is often the case for gases with a synthetic admixture, the hydrogen content also needs to be known.

Keel en

Asendab EVS-EN ISO 12213-3:2005

77 METALLURGIA**prEN 13148**

Identne prEN 13148:2009

Tähtaeg 29.04.2009

Copper and copper alloys - Hot-dip tinned strip

This European Standard specifies: - the composition and tolerances on dimensions of strip produced by rolling in the thickness range from 0,10 mm up to and including 1,50 mm of copper and copper alloys to be tinned, with tin, a tin-lead alloy or other tin alloys; - the composition of material normally used for the melt; - the properties of strip before tinning; - the properties of hot-dip tinned strip; - the preferred thicknesses (mean values) and thickness ranges of coatings; - the edgewise curvature of hot-dip tinned strip; - the sampling procedure; - the methods of test to be used for verification of conformity to the requirements of this standard; - the delivery conditions.

Keel en

Asendab EVS-EN 13148:2002

79 PUIDUTEHNOLOGIA**EN 1870-6:2002/prA1**

Identne EN 1870-6:2002/prA1:2009

Tähtaeg 29.04.2009

Puidutöötlemismasinate ohutus. Ketassaagimisseadmed. Osa 6: Küttepuude ketassaagimisseadmed ja kaheotstarbelised küttepuude ketassaagimismasinad/ketassaapingid, käsitsi pealelaadimise ja/või mahalaadimisega

This European Standard specifies the requirements and/or the measures to remove the hazards and limit the risk on circular sawing machines for firewood and dual-purpose circular sawing machines for firewood/circular saw benches, with manual loading and/or unloading, hereinafter referred to as machines, designed to cut solid wood. On a dual-purpose circular sawing machines for firewood/log splitting machine only the circular sawing machine for firewood is covered by this European Standard. For the log splitting part of this machine see EN 609-1 and EN 609-2. This European Standard covers the hazards relevant to these machines as stated in 4. For Computer Numerically Controlled (CNC) machines this European Standard does not cover hazards related to Electro-Magnetic Compatibility (EMC). This European Standard does not apply to: log sawing machines where the saw unit moves to cut the workpiece; machines where the sawblade is capable of tilting; hand held woodworking machines or any adaptation permitting their use in a different mode, i.e. bench mounting. This European Standard is primarily directed at machines which are manufactured after the date of issue of this European Standard.

Keel en

EN 1870-9:2000/prA1

Identne EN 1870-9:2000/prA1:2009

Tähtaeg 29.04.2009

Puidutöötlemismasinate ohutus. Ketassaagimisseadmed. Osa 9: Kahelehelised järkamise ketassaagimisseadmed integreeritud sööte ja käsitsi pealelaadimise/mahalaadimisega

This Standard sets out the requirements and/or measures to remove the hazards and/or limit the risks on double blade circular sawing machines for cross-cutting with integrated feed and with manual loading and/or unloading (hereinafter referred to as "machines",) designed to cut solid wood, chipboard, fibreboard, plywood and also these materials when covered with plastic edging and/or plastic/light alloy laminate.

Keel en

EN 1870-10:2004/prA1

Identne EN 1870-10:2003/prA1:2009

Tähtaeg 29.04.2009

Puidutöötlemismasinate ohutus. Ketassaagimisseadmed. Osa 10: Ühe teraga automaatsed ning vertikaalsed poolautomaat ristlõike saemasinad

This European Standard specifies the requirements and/or measures to remove the hazards and/or limit the risk on single blade automatic and semi-automatic up-cutting cross cut sawing machines with one sawing unit herein after referred to as machines designed to cut solid wood, chipboard, fibreboard, plywood and also these materials when they are covered with plastic edging and/or plastic/light alloy laminates

Keel en

EN 1870-11:2003/prA1

Identne EN 1870-11:2003/prA1:2009

Tähtaeg 29.04.2009

Puidutöötlemismasinate ohutus. Ketassaagimisseadmed. Osa 11: Poolautomaatsed ning horisontaalsed ühe tööorganiga (radiaal toega) saeautomaadid

This European Standard specifies the requirements and/or measures to remove the hazards and/or limit the risks on semi-automatic and automatic horizontal cutting cross-cut sawing machines with one saw unit (radial arm saws), hereinafter referred to as "machines", designed to cut solid wood, chipboard, fibreboard, plywood and also these materials when covered with plastic edging and/or plastic/light alloy laminates

Keel en

EN 1870-12:2004/prA1

Identne EN 1870-12:2003/prA1:2009

Tähtaeg 29.04.2009

Puidutöötlemismasinate ohutus. Ketassaagimisseadmed. Osa 12: Pedaaljuhtimisega ristsaagimise masinad

This European Standard specifies the requirements and/or measures to remove the hazards and limit the risk on pendulum cross-cut sawing machines, herein after referred to as 'machines', designed to cut solid wood, chipboard, fibreboard, plywood and also these materials when covered with plastic edging and/or plastic/light alloy laminates

Keel en

EN 1870-13:2007/prA1

Identne EN 1870-13:2007/prA1:2009

Tähtaeg 29.04.2009

Puidutöötlemismasinate ohutus. Ketassaagimisseadmed. Osa 13: Horisontaalasetusega saeraamid

This document deals with the significant hazards, hazardous situations and events as listed in Clause 4 which are relevant to horizontal beam panel sawing machines where the saw unit is mounted below the workpiece support and which are manually or mechanically loaded and / or unloaded, fitted with:- a side pressure device and / or - the facility for scoring and / or - the facility for post-formed / soft-formed edge pre-cutting and / or - a panel turning device and / or - a pushing out device and / or - pneumatic clamping of the saw blade and / or - powered panel loading device and / or - a grooving device and / or - additional cutting line(s) inside the machine for longitudinal and / or head cut (before transversal cutting line)

Keel en

EN 1870-14:2007/prA1

Identne EN 1870-14:2007/prA1:2009

Tähtaeg 29.04.2009

Puidutöötlemismasinate ohutus. Ketassaagimisseadmed. Osa 14: Vertikaalasetusega saeraam

Käesolev Euroopa standard määrab kindlaks nõuded ja/või meetmed ohuolukordade kõrvaldamiseks ja ohtude vähendamiseks käsitsi toimuva materjali etteandega ja/või materjali vastuvõtmisega horisontaalasetusega saeraamide ja vertikaalasetusega saeraamide (edaspidi nimetatud "masinate") suhtes, mis on ette nähtud kõva puidu, puitkiudplaadi, kiudplaadi või vineeri lõikamiseks ja nende materjalide lõikamiseks, kui need on ääristatud plastservadega.

Keel en

EN 1870-15:2005/prA1

Identne EN 1870-15:2004/prA1:2009

Tähtaeg 29.04.2009

Puidutöötlemismasinate ohutus. Ketassaagimisseadmed. Osa 15: Integreeritud detaili etteandmissüsteemiga käsitsi laetavad ja/või tühjaklaetavad mitmeteralised järkamissaed

This European Standard specifies the requirements and/or measures to reduce the hazards and limit the risks on multi-blade cross-cut sawing machines with integrated feed of the work-piece and manual loading and/or unloading fitted with a saw blade drive motor for each saw unit, hereinafter referred to as "machines", designed to cut solid wood, chipboard, fibreboard, plywood and also these materials where they are covered with plastic edging and/or plastic/light alloy laminates.

Keel en

EN 1870-16:2005/prA1

Identne EN 1870-16:2005/prA1:2009

Tähtaeg 29.04.2009

Puidutöötlemismasinate ohutus. Ketassaagimisseadmed. Osa 16: Topelt pendelsaagimisseadmed V-lõigete tegemiseks

This document deals with all significant hazards, hazardous situations and events which are relevant to double mitre sawing machines for V-cutting with a maximum cutting capacity (width and height) of ≤ 200 mm, fitted or not with pneumatic systems, hereinafter referred to as the machine, designed to cut solid wood, chipboard, fibreboard or plywood and also these materials where they are covered with plastic laminate or edgings, when they are used as intended and under the conditions foreseen by the manufacturer (see Clause 4).

Keel en

EN 1870-17:2007/prA1

Identne EN 1870-17:2007/prA1:2009

Tähtaeg 29.04.2009

Puidutöötlemismasinate ohutus. Ketassaagimisseadmed. Osa 17: Käsijuhtimisega ühe saeteraga horisontaalsed järkamissaemasinad (universaalsed käsi-pendelsaed)

This document deals with the significant hazards, hazardous situation and events as listed in Clause 4, relevant to stationary and displaceable manual horizontal cutting cross-cut circular sawing machines with one saw unit (manual radial arm saws), hereinafter referred to as "machines", designed to cut solid wood, chipboard, fibreboard, plywood and also these materials if they are covered with plastic edging and/or plastic laminates, when they are used as intended and under the conditions foreseen by the manufacturer.

Keel en

prEN 408

Identne prEN 408:2009

Tähtaeg 29.04.2009

Puitkonstruktsioonid. Ehituspuit ja liimpuit. Mõnede füüsikaliste ja mehaaniliste omaduste määramine

This European Standard specifies test methods for determining the following properties of structural timber and glued laminated timber: modulus of elasticity in bending; shear modulus; bending strength; modulus of elasticity in tension parallel to the grain; tension strength parallel to the grain; modulus of elasticity in compression parallel to the grain; compression strength parallel to the grain; modulus of elasticity in tension perpendicular to the grain; tension strength perpendicular to the grain; modulus of elasticity in compression perpendicular to the grain; compression strength perpendicular to the grain and shear strength. In addition, the determination of dimensions, moisture content, and density of test pieces are specified. The methods apply to rectangular and circular shapes (of substantially constant cross section) of solid unjointed timber or finger-jointed timber and glued laminated timber unless stated otherwise.

Keel en

Asendab EVS-EN 408:2005

81 KLAASI- JA KERAAMIKA-TÖÖSTUS**prEN 14232**

Identne prEN 14232:2009

Tähtaeg 29.04.2009

Advanced technical ceramics - Terms, definitions and abbreviations

This European Prestandard is a vocabulary which provides a list of terms and associated definitions which are typically used for advanced technical ceramic materials, products, applications, properties and processes. The document contains, in separate lists, those abbreviations which have found general acceptance in scientific and technical literature; they are given together with the corresponding terms and definitions or descriptions.

Keel en

83 KUMMI- JA PLASTITÖÖSTUS**prEN ISO 15512**

Identne prEN ISO 15512:2009

ja identne ISO 15512:2008

Tähtaeg 29.04.2009

Plastics - Determination of water content

This International Standard specifies methods for the determination of the water content of plastics in the form of granules and finished articles. These methods do not test for water absorption (kinetics and equilibrium) of plastics as measured by ISO 62. The methods are suitable for the determination of water content as low as the following levels: - Method A 0,1 % or better; - Method B 0,01 % or better; - Method C 0,01 % or better. Water content is an important parameter for processing materials, and should remain below the level specified in the appropriate material standard.

Keel en

Asendab EVS-EN ISO 15512:2004

FprEN ISO 527-5

Identne FprEN ISO 527-5:2009
ja identne ISO/FDIS 527-5:2009
Tähtaeg 29.04.2009

Plastid. Tõmbeomaduste määramine. Osa 5: Orienteerimata kiudarmatuuriga plastkomposiitide katsetingimused

1.1 This part of ISO 527 specifies the test conditions for the determination of the tensile properties of unidirectional fibre-reinforced plastic composites, based upon the general principles given in Part 1. 1.2 See ISO 527-1:1993, Subclause 1.2. 1.3 The test method is suitable for all polymer matrix systems reinforced with unidirectional fibres and which meet the requirements, including failure mode, set out in this part of ISO 527. The method is suitable for composites with either thermoplastic or thermosetting matrices, including preimpregnated materials (prepregs). The reinforcements covered include carbon fibres, glass fibres, aramid fibres and other similar fibres. The reinforcement geometries covered include unidirectional (i.e. completely aligned) fibres and rovings and unidirectional fabrics and tapes. The method is not normally suitable for multidirectional materials composed of several unidirectional layers at different angles (see ISO 527-4). 1.4 The method is performed using one of two different types of test specimen, depending on the direction of the applied stress relative to the fibre direction (see Clause 6). 1.5 See ISO 527-1:1993, Subclause 1.5.

Keel en

Asendab EVS-EN ISO 527-5:2000

85 PABERITEHNOLOOGIA**FprEN ISO 287**

Identne FprEN ISO 287:2009
ja identne ISO/FDIS 287:2009
Tähtaeg 29.04.2009

Paper and board - Determination of moisture content of a lot - Oven-drying method

This International Standard specifies an oven-drying method for the determination of the moisture content of a lot of paper and board. The procedure in Clause 8, describing how the test pieces are drawn from the lot, is performed at the time of sampling. This International Standard is applicable to every type of lot of paper and board, including corrugated board and solid board, provided that the paper or board does not contain any substances, other than water, that are volatile at the temperature specified in this International Standard. For the determination of the dry matter content of a sample, ISO 638:2008 [1] can be used.

Keel en

Asendab EVS-EN 20287:2000

91 EHITUSMATERJALID JA EHITUS**EN 81-2:1999/prA3**

Identne EN 81-2:1998/prA3:2009
Tähtaeg 29.04.2009

Liftide valmistamise ja paigaldamise ohutuseeskirjad. Osa 2: Hüdraulilised liftid

See standard määrab kindlaks ohutuseeskirjad, mis kehtivad selliste statsionaarselt paigaldatud hüdrauliliste liftide ehitamise ja paigaldamise kohta, mis teenindavad kindlaid sisenemis- ja väljumistasandeid, millel on inimeste veoks või inimeste ja kaubaveoks kohandatud kabiin, mis on kinnitatud hüdrosilindri külge või riputatud trosside või kettide otsa, ning mis liiguvad juhtrööbaste vahel, mille kalle vertikaali suhtes ei ületa 15°.

Keel en

EN 520:2005/prA1

Identne EN 520:2004/prA1:2009
Tähtaeg 29.04.2009

Kipsplaadid. Määratlused, nõuded ja katsemeetodid

This European Standard specifies the characteristics and performance of gypsum plasterboards intended to be used in building construction works including those intended for secondary manufacturing operations. It includes boards designed to receive either direct surface decoration or gypsum plaster.

Keel en

EN 12978:2003/FprA1

Identne EN 12978:2003/FprA1:2009
Tähtaeg 29.04.2009

Tööstus- ja kaubandushoonete ning garaazide ukсед ja väravad. Ohutusseadmed elektri abil töötavatele ustele ja väravatele. Nõuded ja katsemeetodid

This standard applies for design, construction and testing of sensitive protective devices where the device is used to detect pedestrians including in particular applications, slow moving elderly persons, slow moving disabled persons and children who may be exposed to injury by power operated doors, gates and barriers, electrically powered from a public supply and intended for installation in areas in the reach of persons, and for which the main intended uses are giving safe access for goods and vehicles accompanied or driven by persons in industrial, commercial, public or residential premises

Keel en

EN 14566:2008/prA1

Identne EN 14566:2008/prA1:2009

Tähtaeg 29.04.2009

Mehhaanilised kinnitusvahendid kipsplaatsüsteemide fikseerimiseks. Määratlused, nõuded ja katsemeetodid

This European Standard specifies the characteristics and performance of mechanical fasteners, including nails, screws and staples, intended to be used for the fixing of gypsum plasterboard, gypsum boards with fibrous reinforcement, products from secondary processing and suitable ancillary products as shown in Figure 4, to timber and metal, as appropriate, in building construction works. The fasteners secure the board to the framing enabling its surface to be finished by jointing or plastering to receive decoration. They can also be used for the construction of the framing and for the connection between substructure and load bearing components and for fixing boards together. Mechanical fasteners contribute to the stability of the assembly.

Keel en

EN 15283-1:2008/prA1

Identne EN 15283-1:2008/prA1:2009

Tähtaeg 29.04.2009

Kiudsarrusega kipsplaadid. Määratlused, nõuded ja katsemeetodid. Osa 1: Kiududest sarrusvõrguga sarrustatud kipsplaadid

This European Standard specifies the characteristics and performance of gypsum boards with mat reinforcement intended to be used in building construction works including those intended for secondary manufacturing operations. It includes boards designed to receive either direct surface decoration or gypsum plaster.

Keel en

EN 15283-2:2008/prA1

Identne EN 15283-2:2008/prA1:2009

Tähtaeg 29.04.2009

Kiudsarrusega kipsplaadid. Määratlused, nõuded ja katsemeetodid. Osa 2: Kiududega sarrustatud kipsplaadid

This European Standard specifies the characteristics and performance of gypsum fibre boards intended to be used in building construction works including those intended for secondary manufacturing operations. It includes boards designed to receive either direct surface decoration or gypsum plaster. Gypsum fibre boards are selected for use according to their type, size, thickness and edge profile. The boards may be used for example, to provide dry lining finishes to walls, to fixed and suspended ceilings, to partitions, or as cladding to structural columns and beams. Other uses may be for floors and sheathing applications. This European Standard covers the following product performance characteristics: reaction to fire, water vapour permeability, flexural strength, and thermal resistance.

Keel en

FprEN ISO 3382-1

Identne FprEN ISO 3382-1:2009

ja identne ISO/FDIS 3382-1:2009

Tähtaeg 29.04.2009

Acoustics - Measurement of room acoustic parameters - Part 1: Performance spaces

This part of ISO 3382 specifies methods for the measurement of reverberation time and other room acoustical parameters in performance spaces. It describes the measurement procedure, the apparatus needed, the coverage required, and the method of evaluating the data and presenting the test report. It is intended for the application of modern digital measuring techniques and for the evaluation of room acoustical parameters derived from impulse responses.

Keel en

Asendab EVS-EN ISO 3382:2000

FprHD 60364-5-551

Identne FprHD 60364-5-551:2009

ja identne IEC 60364-5-55:2001/A2:2008 (CLAUSE 551)

Tähtaeg 29.04.2009

Electrical installations of buildings - Part 5-55: Selection and erection of electrical equipment - Other equipment - Clause 551: Low-voltage generating sets

This clause provides requirements for the selection and erection of low-voltage and extra-low voltage generating sets intended to supply, either continuously or occasionally, all or part of the installation. Requirements are also included for installations with the following supply arrangements: - supply to an installation which is not connected to a system for distribution of electricity to the public; - supply to an installation as an alternative to a system for distribution of electricity to the public; - supply to an installation in parallel with a system for distribution of electricity to the public supply;- appropriate combinations of the above. This part does not apply to self-contained items of extra-low voltage electrical equipment which incorporate both the source of energy and the energy-using load and for which a specific product standard exists that includes the requirements for electrical safety.

Keel en

prEN 81-7

Identne prEN 81-7:2009

Tähtaeg 29.04.2009

Safety rules for the construction and installation of lifts - Part 7: Rack and pinion lifts

This standard specifies the safety rules for the construction and installation of permanently installed new rack and pinion lifts with the drive unit attached to the car serving defined landing levels, having a car designed for the transportation of persons or persons and goods supported by rack and pinion and moving between guide rails inclined not more than 15° to the vertical. The maximum rated speed is 2 m/s

Keel en

prEN 408

Identne prEN 408:2009

Tähtaeg 29.04.2009

Puitkonstruktsioonid. Ehituspuit ja liimpuit. Mõnede füüsikaliste ja mehaaniliste omaduste määramine

This European Standard specifies test methods for determining the following properties of structural timber and glued laminated timber: modulus of elasticity in bending; shear modulus; bending strength; modulus of elasticity in tension parallel to the grain; tension strength parallel to the grain; modulus of elasticity in compression parallel to the grain; compression strength parallel to the grain; modulus of elasticity in tension perpendicular to the grain; tension strength perpendicular to the grain; modulus of elasticity in compression perpendicular to the grain; compression strength perpendicular to the grain and shear strength. In addition, the determination of dimensions, moisture content, and density of test pieces are specified. The methods apply to rectangular and circular shapes (of substantially constant cross section) of solid unjointed timber or finger-jointed timber and glued laminated timber unless stated otherwise.

Keel en

Asendab EVS-EN 408:2005

prEN ISO 8970

Identne prEN ISO 8970:2009

ja identne ISO/DIS 8970:2009

Tähtaeg 29.04.2009

Puittarindid. Mehaaniliste kinnitusdetailidega liidete katsetamine. Puidu tihedusnõuded

This standard specifies a method for the selection of pieces of wood based on density, which are to be used in determining the strength and stiffness properties of connections made with mechanical fasteners. It is assumed the wood density is normally distributed any deviations shall be reported. NOTE It is emphasized that the wood density is only one of the properties can influence the strength of a joint. Other relevant properties are, for example, growth ring size and slope of grain. NOTE The standard applies for specimens of wood only

Keel en

Asendab EVS-EN 28970:2000

prEN 13383-1

Identne prEN 13383-1:2009

Tähtaeg 29.04.2009

Kindlustusehitistes kasutatavad täitematerjalid. Osa 1: Spetsifikatsioon

This European Standard specifies the properties of aggregates obtained by processing natural, manufactured or recycled materials and mixtures of these materials for use as armourstone. It provides for the evaluation of conformity of the products to this European Standard.

Keel en

Asendab EVS-EN 13383-1:2002

prEN 13383-2

Identne prEN 13383-2:2009

Tähtaeg 29.04.2009

Kindlustusehitistes kasutatavad täitematerjalid. Osa 2: Katsemeetodid

This European Standard specifies sampling and test methods for natural, artificial and recycled aggregates for use as armourstone. This standard describes the reference methods to be used for type testing and in case of dispute where an alternative method has been used. For other purposes, in particular factory production control, other methods may be used provided that an appropriate working relationship with the test method has been established.

Keel en

Asendab EVS-EN 13383-2:2002

prEN 14908-6

Identne prEN 14908-6:2009
Tähtaeg 29.04.2009

Open Data Communication in Building Automation, Controls and Building Management - Control Network Protocol - Part 6: Application elements

This document provides mechanisms through which various vendors of building automation, control, and building management systems may exchange information in a standardised way. This document provides specifications for the Application Elements of Control Network Protocol packets as follows: - Definitions of standardized packet (network-variable) data types - Definitions of device-interface files - Definitions of standardized configuration-property types - Definitions of standardized enumeration types - Definitions of standardized functional profiles - Definition of the standardized method of file transfer between devices The purpose of this specification is to insure interoperability between various CNP implementations. This document contains all the information necessary to read and interpret the format of data and control information that is used by EN 14908-5. It also defines the device interface for a device as specified, which is necessary to exchange data between various devices from different manufacturers.

Keel en

prEN 15331

Identne prEN 15331:2009
Tähtaeg 29.04.2009

Criteria for design, management and control of maintenance services for buildings

This document specifies the criteria and the general methods that can be used in the planning, management and control of maintenance in buildings and their surrounding area according to the applicable legal requirements, to the objectives of the owners and users and to the required quality of maintenance. This document should apply to the maintenance management of buildings. For informative purposes a possible classification of buildings is given in Annex A.

Keel en

Asendab CEN/TS 15331:2005

93 RAJATISED**prEN 12697-47**

Identne prEN 12697-47:2009
Tähtaeg 29.04.2009

Bituminous mixtures - Test methods for hot mix asphalt - Part 47: Determination of the ash content of lake asphalt

This European Standard describes a test method to determine the ash content in lake asphalts and binders incorporating lake asphalts. The method can also be used to determine the ash content in other natural asphalts, binders containing other natural asphalts or petroleum bitumens. For the method to apply, any mineral matter in the binder has to be finely divided and cannot exceed 40 % by mass.

Keel en

prEN 14188-4

Identne prEN 14188-4:2009
Tähtaeg 29.04.2009

Joint fillers and sealants - Part 4: Specifications for primers to be used with joint sealants

This European Standard specifies requirements for material characterisation for primers for hot and cold applied joint sealants for use in roads, airfields and other concrete pavements. This European Standard also applies to primers for hot and cold applied joint sealants in bituminous surfacing and a bituminous surfacing and an adjacent concrete pavement.

Keel en

prEN 15429-2

Identne prEN 15429-2:2009
Tähtaeg 29.04.2009

Sweepers - Part 2: Performance requirements and test methods

This document applies to surface cleaning machines for outdoor applications in public areas, roads, airports and industrial complexes. Cleaning machines for winter maintenance and/or indoor applications are not included within the scope of this European Standard. Surface cleaning machines in terms of this standard, are self-propelled, truck mounted, attached sweeping equipment or pedestrian controlled. This standard deals with the performance characteristics and the test methods applied to the sweeping equipment when used as intended and under the conditions foreseen by the manufacturer. This document does not include carrier vehicles (e.g. trucks). These are covered in national or EC Directives for vehicles. This document does not apply to road surface cleaning equipment that would be front mounted on tractors according to prEN 13524, or other vehicles. This standard does not apply to machines or components that are specifically designed for cleaning tramlines and rail tracks. This standard does not cover noise emission or any overload protection as these are covered by regulatory requirements. This standard applies to machines manufactured after the approval date of the standard by CEN. Industrial sweepers, within the scope of EN 60335-2-72 are excluded from this standard.

Keel en

prEN 15466-1

Identne prEN 15466-1:2009
Tähtaeg 29.04.2009

Primers for cold and hot applied joint sealants - Part 1: Determination of homogeneity

This European Standard describes a method for determining the homogeneity of primers for cold and hot applied joint sealants.

Keel en

prEN 15466-2

Identne prEN 15466-2:2009
Tähtaeg 29.04.2009

Primers for cold and hot applied joint sealants - Part 2: Determination of resistance against alkali

This European Standard describes a method for determining the resistance against alkali of primers for cold and hot applied joint sealants.

Keel en

prEN 15906

Identne prEN 15906:2009
Tähtaeg 29.04.2009

Winter maintenance equipment - Snow removal machines with rotating tools - Specification and clearing capacity

This European standard specifies requirements for snow removal machines with rotating tools for winter application on traffic areas. It is valid for design and construction. It also includes the minimum requirement concerning contents of the operating instructions. This standard applies to: - snow blower; - snow cutter; - snow cutter – blower; and related products as side blower, side cutter, etc. This standard does not apply for: - requirements for registration and approval; - vehicle manufacturer requirements; - safety requirements.

Keel en

97 OLME. MEELELAHUTUS. SPORT**prEN 13451-1**

Identne prEN 13451-1:2009
Tähtaeg 29.04.2009

Swimming pool equipment - Part 1: General safety requirements and test methods

This standard specifies general safety requirements and test methods for equipment used in classified swimming pools as specified in EN 15288. Where specific standards exist, this general standard shall not be used alone. Special care is required in applying this general standard alone to equipment for which no product specific standard has yet been published.

Keel en

Asendab EVS-EN 13451-3:2001

prEN ISO 28158

Identne prEN ISO 28158:2009
ja identne ISO/DIS 28158:2009
Tähtaeg 29.04.2009

Dentistry - Integrated dental floss holders

This International Standard specifies the requirements and the test methods for integrated dental floss holders used for cleaning interdental spaces in home care, community care and/or professional care of oral health and/or a part of dental treatment. This International Standard is applicable to integrated dental floss holders for manual use. It does not include dental floss holders which contain a continuous supply of dental floss, or dental floss holders to which the floss is subsequently added.

Keel en

99 Muud**prEN 123**

Identne prEN 123:2009
Tähtaeg 1.05.2009

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