

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EN ISO 23953-1:2005/prA1

Identne EN ISO 23953-1:2005/prA1:2009

ja identne ISO 23953-1:2005/DAM 1:2009

Tähtaeg 29.11.2009

Refrigerated display cabinets - Part 1: Vocabulary

This part of ISO 23953 establishes a vocabulary of terms and definitions relative to refrigerated display cabinets used for the sale and display of foodstuffs.

Keel en

prEVS 807

ja identne EVS 807:2004

Tähtaeg 29.11.2009

Kinnisvara korrashoid. Kinnisvarakeskkonna korraldamine.

Käesolev standard annab ja avab kinnisvara korrashoiu valdkonna põhimõisted ning arusaama korrashoiu ratsionaalsest korraldusest, sellega kaasnevast dokumenteerimisest ning kulutustest.

Keel et

Asendab EVS 807:2004

prEN 14511-1

Identne prEN 14511-1:2009

Tähtaeg 29.11.2009

Elektrilise ajamiga kompressoriga kliimaseadmed, vedelikjahutusega üksused ja soojuspumbad ruumi soojendamiseks ja jahutamiseks. Osa 1: Terminid ja määratlused

This part of EN 14511 specifies the terms and definitions for the rating and performance of air and water cooled air conditioners, liquid chilling packages, air-to-air, water-to-air, air-to-water and water-to-water heat pumps with electrically driven compressors when used for space heating and/or cooling. This European Standard does not specifically apply to heat pumps for sanitary hot water, although certain definitions can be applied to these.

Keel en

Asendab EVS-EN 14511-1:2007

prEN ISO 772

Identne prEN ISO 772:2009

ja identne ISO/DIS 772:2009

Tähtaeg 29.11.2009

Hydrometry - Vocabulary and symbols

This International Standards gives terms, definitions and symbols used in the standards for the field of hydrometric determinations.

Keel en

Asendab EVS-EN ISO 772:2000; EVS-EN ISO 772:2000/A1:2004; EVS-EN ISO 772:2000/A2:2005

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

prEVS 807

ja identne EVS 807:2004

Tähtaeg 29.11.2009

Kinnisvara korrashoid. Kinnisvarakeskkonna korraldamine.

Käesolev standard annab ja avab kinnisvara korrashoiu valdkonna põhimõisted ning arusaama korrashoiu ratsionaalsest korraldusest, sellega kaasnevast dokumenteerimisest ning kulutustest.

Keel et

Asendab EVS 807:2004

prEN ISO/IEC 17021-2

Identne prEN ISO/IEC 17021-2:2009

ja identne ISO/IEC/DIS 17021-2:2009

Tähtaeg 29.11.2009

Conformity assessment - Requirements for bodies providing audit and certification of management systems and requirements for third-party certification auditing of management systems - Part 2: Requirements for third party certification auditing of management systems

This International Standard contains principles and requirements for the competence, consistency and impartiality of the audit and certification of management systems of all types (e.g. quality management systems or environmental management systems) and for bodies providing these activities. Certification bodies operating to this International Standard need not offer all types of management system certification. Certification of management systems (named in this International Standard "certification") is a third-party conformity assessment activity (see ISO/IEC 17000:2004, 5.5). Bodies performing this activity are therefore third-party conformity assessment bodies (named in this International Standard "certification body/bodies").

Keel en

11 TERVISEHOOLDUS

FprEN ISO 8362-1

Identne FprEN ISO 8362-1:2009

ja identne ISO/FDIS 8362-1:2009

Tähtaeg 29.11.2009

Injection containers and accessories - Part 1: Injection vials made of glass tubing

This part of ISO 8362 specifies the form, dimensions and capacities of glass vials for injectable preparations. It also specifies the material from which such containers shall be made and the performance requirements of those containers. This part of ISO 8362 applies to colourless or amber glass containers made from borosilicate or soda-lime glass, made from glass tubing, whether internally surface-treated or not, and intended to be used in the packaging, storage or transportation of products intended for injection.

Keel en

Asendab EVS-EN ISO 8362-1:2004

prEN 13976-1

Identne prEN 13976-1:2009

Tähtaeg 29.11.2009

Päästesüsteemid. Inkubaatorite transportimine. Osa 1: Nõuded liidesele

This European Standard specifies the requirements for the interface between the vehicle or craft and the incubator and the associated equipment, needed for care and treatment of infants, used in emergency or planned transport. This standard does not give requirements for the vehicles, crafts, devices or incubators as such; these requirements are found in other standards. However, transport incubators are normally combined with other equipment to form a "transport incubator system".

Keel en

Asendab EVS-EN 13976-1:2004

prEN 13976-2

Identne prEN 13976-2:2009

Tähtaeg 29.11.2009

Päästesüsteemid. Inkubaatorite transportimine. Osa 2: Nõuded süsteemile

This European Standard specifies the requirements for a transport incubator system including the interactions between the vehicle or craft and the incubator and the associated equipment, needed for care and treatment of infants, used in emergency or planned transport. It also specifies the particular requirements needed to ensure the proper function of equipment during transportation (e.g. monitors, respirators, infusion pumps, extra corporeal lung support- (ECLS-) systems, gas supply) and to provide safe transportation for infants and operators. This standard also stipulates that the equipment or systems shall not interfere with the functions of the vehicle or craft providing transportation. This standard does not give requirements for the vehicles, crafts, devices or incubators as such, these requirements are found in other standards. However, transport incubators are normally combined with other equipment to form a "transport incubator system".

Keel en

Asendab EVS-EN 13976-2:2004

prEN ISO 1797-1

Identne prEN ISO 1797-1:2009

ja identne ISO/DIS 1797-1:2009

Tähtaeg 29.11.2009

Pöörlevad hambaraviinstrumendid. Instrumentide varreosa. Osa 1: Metallist varreosad

This International Standard specifies shanks for rotary instruments used in dentistry and gives measurement methods for the verification of the dimensions. A quality control requirement is added in order to ensure a high quality level.

Keel en

Asendab EVS-EN ISO 1797-1:1999

prEN ISO 8624

Identne EN ISO 8624:2002

ja identne ISO 8624:2002

Tähtaeg 29.11.2009

Ophthalmic optics - Spectacle frames - Measuring system and terminology

This International Standard specifies a measuring system for spectacle frames. It applies to fronts which are intended to be symmetrical.

Keel en

Asendab EVS-EN ISO 8624:2002

prEN ISO 11986

Identne prEN ISO 11986:2009

ja identne ISO/DIS 11986:2009

Tähtaeg 29.11.2009

Ophthalmic optics - Contact lenses and contact lens care products - Test methods for the determination of preservative uptake and release

This International Standard provides general procedures for the selection of methods, preparation of samples, and conduct of testing for the uptake and release of preservatives from contact lenses.

Keel en

Asendab EVS-EN ISO 11986:2000

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS**EN 1300:2004/prA1**

Identne EN 1300:2004/prA1:2009

Tähtaeg 29.11.2009

Secure storage units - Classification for high security locks according to their resistance to unauthorized opening

This European Standard specifies requirements for high security locks (HSL) for reliability, resistance to burglary and unauthorized opening with methods of testing. It also provides a scheme for classifying HSL in accordance with their assessed resistance to burglary and unauthorised opening.

Keel en

FprEN 60695-7-1

Identne FprEN 60695-7-1:2009

ja identne IEC 60695-7-1:200X

Tähtaeg 29.11.2009

Fire hazard testing - Part 7-1: Toxicity of fire effluent - General guidance

This part of IEC 60695 provides guidance on the factors which affect the toxic hazard from fires involving electrotechnical products, and provides information on the methodologies recommended by ISO TC 92 SC 3 for estimating and reducing the toxic hazard from fires, as expressed in ISO 19706, ISO 13344 and ISO 13571. There is no single test to realistically assess toxic hazard in fires. Small-scale toxic potency tests are not capable on their own of assessing the toxic hazard in fires. Current toxicity tests attempt to measure the toxic potency of a laboratory generated fire effluent. Toxic potency should not be confused with toxic hazard.

Keel en

Asendab EVS-EN 60695-7-1:2004

FprEN ISO 7250-1

Identne FprEN ISO 7250-1:2009

ja identne ISO 7250-1:2008

Tähtaeg 29.11.2009

Basic human body measurements for technological design - Part 1: Body measurement definitions and landmarks

This part of ISO 7250 provides a description of anthropometric measurements which can be used as a basis for comparison of population groups. The basic list specified in this part of ISO 7250 is intended to serve as a guide for ergonomists who are required to define population groups and apply their knowledge to the geometric design of the places where people work and live. This list is not intended to serve as a guide for how to take anthropometric measurements, but it gives information to the ergonomist and designer on the anatomical and anthropometrical bases and principles of measurement which are applied in the solution of design tasks. This part of ISO 7250 is intended to be used in conjunction with national or international regulations or agreements to assure harmony in defining population groups. In its various applications, it is anticipated that the basic list will be supplemented by specific additional measurements.

Keel en

Asendab EVS-EN ISO 7250:1999

prEN 50136-1

Identne prEN 50136-1:2009
Tähtaeg 29.11.2009

Alarm systems - Alarm transmission systems - Part 1: General requirements for alarm transmission systems

This European Standard specifies the requirements for the performance, reliability and security characteristics of alarm transmission systems. It covers the general requirements for connections providing signalling between an alarm system at a supervised premises and annunciation equipment at an alarm receiving centre. EN 50136-1 applies to transmission systems for all types of alarm messages such as fire, intrusion, access control, social alarm, etc. Different types of alarm systems may in addition to alarm messages also send other types of messages, e.g. fault messages and status messages. These messages are also considered to be alarm messages. The term alarm is used in this broad sense throughout the document. Additional requirements for the connection of specific types of alarm systems are given in the relevant European Standards.

Keel en

Asendab EVS-EN 50136-1-1:2002; EVS-EN 50136-1-2:2002; EVS-EN 50136-1-3:2002; EVS-EN 50136-1-4:2002; EVS-EN 50136-1-1:2002/A2:2008

prEN ISO 14403-1

Identne prEN ISO 14403-1:2009
ja identne ISO/DIS 14403-1:2009
Tähtaeg 29.11.2009

Water quality - Determination of total cyanide and free cyanide using flow analysis (FIA and CFA) - Part 1: Method with flow injection analysis (FIA)

This part of ISO 14403 specifies methods for the determination of cyanide in various types of water (such as ground, drinking, surface, leachate, and waste water) with cyanide concentrations from 2 µg/l to 500 µg/l expressed as cyanide ions in the undiluted sample. The range of application may be changed by varying the operation conditions, e.g. by diluting the original sample or using a different injection volume in Figure A.1. In this method a suitable mass concentration range from 20 µg/l to 200 µg/l is described.

Keel en

Asendab EVS-EN ISO 14403:2002

prEN ISO 14403-2

Identne prEN ISO 14403-2:2009
ja identne ISO/DIS 14403-2:2009
Tähtaeg 29.11.2009

Water quality - Determination of total cyanide and free cyanide using flow analysis (FIA and CFA) - Part 2: Method with continuous flow analysis (CFA)

This part of ISO 14403 specifies methods for the determination of cyanide in various types of water (such as ground, drinking, surface, leachate, and waste water) with cyanide concentrations usually from 2 µg/l to 500 µg/l expressed as cyanide ions in the undiluted sample. The range of application may be changed by varying the operation conditions, e.g. by diluting the original sample or changing the path length of the flow cell. In this method a suitable mass concentration range from 10 µg/l to 100 µg/l is described. Sea water can be analysed with possible changes in sensitivity and adaptation of the reagent and calibration solutions to the salinity of the samples.

Keel en

Asendab EVS-EN ISO 14403:2002

prEN ISO 28927-4

Identne prEN ISO 28927-4:2009
ja identne ISO/DIS 28927-4:2009
Tähtaeg 29.11.2009

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 4: Straight grinders

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of straight grinders. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of a machine fitted with a specified test wheel and run under no load conditions. This part of ISO 28927 applies to hand-held machines intended for grinding and surface finishing using straight grinding wheels type 1, tapered wheels type 4, and cone wheels type 16, 18, 18R and 19, for use on all kinds of materials. The machines covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical machines are illustrated in Figures 1-2. This part of ISO 28927 applies to the machines mentioned in clause 5. It does not apply to grinders used with wire brushes and die grinders. It is intended that the results can be used to compare different models of the same type of machine.

Keel en

prEN ISO 28927-10

Identne prEN ISO 28927-10:2009
ja identne ISO/DIS 28927-10:2009
Tähtaeg 29.11.2009

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 10: Percussive drills, hammers and breakers

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of hand-held power driven percussive machines with and without rotary action (portable rock drills, plug hole drills, rotary hammers, breakers (e.g. pavement breakers, concrete breakers or road breakers), riveting hammers, chipping hammers, pick hammers, or similar). It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of machine fitted with inserted tool bit.

Keel en

17 METROLOGIA JA MÕÖTMINE. FÜÜSIKALISED NÄHTUSED**FprEN 61869-5**

Identne FprEN 61869-5:2009

ja identne IEC 61869-5:200X

Tähtaeg 29.11.2009

Instrument transformers - Part 5: Specific requirements for capacitive voltage transformers - Product standard

This part of IEC 61869 applies to new single-phase capacitor voltage transformers connected between line and ground for system voltages $U_m \geq 72,5$ kV at power frequencies from 15 Hz to 100 Hz. They are intended to supply a low voltage for measurement, control and protective functions. The capacitor voltage transformer can be equipped with or without carrier-frequency accessories for power line carrier-frequency (PLC) application at carrier frequencies from 30 kHz to 500 kHz. Basis requirements for coupling capacitors and capacitors dividers are defined in IEC 60358. The transmission requirements for coupling devices for power line carrier (PLC) system are defined in IEC 60481. The measurement application includes both indication measuring and revenue measuring.

Keel en

FprEN 62301

Identne FprEN 62301:2009

ja identne IEC 62301:200X

Tähtaeg 29.11.2009

Household electrical appliances – Measurement of standby power

This International Standard specifies methods of measurement of electrical power consumption in standby mode(s) and other low power modes (off mode and network mode), as applicable. It is applicable to electrical appliances with a rated input voltage or voltage range that lies wholly or partly in the range 100V ac to 250 V ac for single phase equipment and 130 V ac to 480 V ac for other equipment. The objective of this standard is to provide a method of test to determine the power consumption of a range of appliances and equipment in relevant low power modes (refer 3.4), generally where the product is not in active mode (i.e. not performing a primary function).

Keel en

Asendab EVS-EN 62301:2006

FprEN 62359

Identne FprEN 62359:2009

ja identne IEC 62359:200X

Tähtaeg 29.11.2009

Ultrasonics – Field characterization – Test methods for the determination of thermal and mechanical indices related to medical diagnostic ultrasonic fields

This International Standard is applicable to medical diagnostic ultrasound fields. This standard establishes – parameters related to thermal and non-thermal aspects of diagnostic ultrasonic fields; – methods for the determination of an exposure parameter relating to temperature rise in theoretical tissue-equivalent models, resulting from absorption of ultrasound; – methods for the determination of an exposure parameter appropriate to certain non-thermal effects.

Keel en

Asendab EVS-EN 62359:2005

FprEN ISO 5171

Identne FprEN ISO 5171:2009

ja identne ISO 5171:2009

Tähtaeg 29.11.2009

Gas welding equipment - Pressure gauges used in welding, cutting and allied processes

This International Standard specifies requirements for Bourdon-tube pressure gauges normally used with compressed gas systems at pressures up to 30 MPa (300 bar) in welding, cutting and allied processes. It also covers use for dissolved acetylene and for liquefied gases under pressure. It does not cover gauges for acetylene in acetylene-manufacturing plants.

Keel en

Asendab EVS-EN 562:2003

prEN ISO 772

Identne prEN ISO 772:2009

ja identne ISO/DIS 772:2009

Tähtaeg 29.11.2009

Hydrometry - Vocabulary and symbols

This International Standards gives terms, definitions and symbols used in the standards for the field of hydrometric determinations.

Keel en

Asendab EVS-EN ISO 772:2000; EVS-EN ISO 772:2000/A1:2004; EVS-EN ISO 772:2000/A2:2005

prEN ISO 25178-7

Identne prEN ISO 25178-7:2009
ja identne ISO/DIS 25178-7:2009
Tähtaeg 29.11.2009

Geometrical product specifications (GPS) - Surface texture: Areal - Part 7: Software measurement standards

This part of ISO 25178 defines Type S1 and Type S2 software measurement standards (etalons) for verifying the software of measuring instruments. It also defines the file format of Type S1 software measurement standards for the calibration of instruments for the measurement of surface texture by the areal method as defined in the areal surface texture chain of standards, chain link 6.

Keel en

prEN ISO 25178-603

Identne prEN ISO 25178-603:2009
ja identne ISO/DIS 25178-603:2009
Tähtaeg 29.11.2009

Geometrical product specifications (GPS) - Surface texture: Areal - Part 603: Nominal characteristics of non-contact (phase-shifting interferometric microscopy) instruments

The present standard describes the metrological characteristics of phase shifting interferometric (PSI) profile and areal surface texture measuring microscopes.

Keel en

prEN ISO 28927-11

Identne prEN ISO 28927-11:2009
ja identne ISO/DIS 28927-11:2009
Tähtaeg 29.11.2009

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 11: Stone hammers

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of hand-held stone hammers. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of a stone hammer when operated in laboratory conditions. This Standard applies to engraving pens and stone hammers intended for use by stone masons. The machines covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical machines are illustrated in Figures 1-4. This part of ISO 28927 applies to the machines mentioned in clause 5. It does not apply to demolition hammers or to chipping hammers primarily intended for use on metal or in construction. It is intended that the results can be used to compare different models of the same type of machine.

Keel en

19 KATSETAMINE**FprEN 50104**

Identne FprEN 50104:2009
Tähtaeg 29.11.2009

Hapniku avastamise ja mõõtmise elektriseadmed. Jõudlusnõuded ja katsemeetodid

This European Standard specifies general requirements for construction, testing and performance, and describes the test methods that apply to portable, transportable and fixed apparatus for the measurement of the oxygen concentration in gas mixtures indicating up to 25 % (v/v). The apparatus, or parts thereof, may be intended for use in potentially explosive atmospheres (see 4.1) and in mines susceptible to firedamp.

Keel en

Asendab EVS-EN 50104:2002; EVS-EN 50104:2002/A1:2004

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD**EN 13121-3:2008/FprA1**

Identne EN 13121-3:2008/FprA1:2009
Tähtaeg 29.11.2009

GRP paagid ja anumad kasutamiseks ülalpool maapinda. Osa 3: Valmistamine ja väljatöötamisviis

This European Standard gives requirements for the design, fabrication, inspection, testing and verification of GRP tanks and vessels with or without Thermoplastics lining for storage or processing of fluids, factory made or site built, non pressurised or pressurised up to 10 bar, for use above ground. The terms vessels and tanks as used in this European Standard include branches up to the point of connection to pipe work or other equipment by bolting and supports, brackets or other attachments bonded directly to the shell. In addition to the definitive requirements, this European Standard also requires the items in Clause 5 to be fully documented. This European Standard covers vessels and tanks subject to temperatures between – 40 °C and + 120 °C.

Keel en

FprEN 12351

Identne FprEN 12351:2009

Tähtaeg 29.11.2009

Industrial valves - Protective caps for valves with flanged connections

This European Standard specifies protective caps for flanged valves with and without internal coating. The use of protective caps according to this European Standard is limited to the protection during transport and storage to prevent: - the entry of dirt; - the damage of the connecting surfaces. The protective caps do not protect against the consequences of improper handling. This European Standard does not apply to protective caps for valves and pipe fittings with welded and threaded ends.

Keel en

Asendab EVS-EN 12351:2000

FprEN ISO 3821

Identne FprEN ISO 3821:2009

ja identne ISO 3821:2008

Tähtaeg 29.11.2009

Gas welding equipment - Rubber hoses for welding, cutting and allied processes

This International Standard specifies requirements for rubber hoses (including twin hoses) for welding, cutting and allied processes. This International Standard specifies requirements for rubber hoses for normal duty of 2 MPa (20 bar) and light duty [limited to hoses for maximum working pressure of 1 MPa (10 bar) and with bore up to and including 6,3 mm]. This International Standard applies to hoses operated at temperatures -20 °C to +60 °C and used in: - gas welding and cutting; - arc welding under the protection of an inert or active gas; - processes allied to welding and cutting, in particular, heating, brazing, and metallization. This International Standard applies neither to thermoplastics hoses nor to hoses used for high pressure [$>0,15$ MPa ($>1,5$ bar)] acetylene.

Keel en

Asendab EVS-EN 559:2003

prEN ISO 9311-2

Identne prEN ISO 9311-2:2009

ja identne ISO/DIS 9311-2:2009

Tähtaeg 29.11.2009

Adhesives for thermoplastic piping systems - Part 2: Determination of shear strength

This part of EN ISO 9311 specifies a method for the determination of the shear strength of joints made with adhesives for thermoplastic piping systems.

Keel en

Asendab EVS-EN ISO 9311-2:2002

25 TOOTMISTEHNOLLOOGIA

CLC/TR 61158-1:2008/FprA1

Identne CLC/TR 61158-1:2008/FprA1:2009

ja identne IEC/TR 61158-1:2007/A1:200X

Tähtaeg 29.08.2009

Industrial communication networks - Fieldbus specifications - Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series

This technical report presents an overview and guidance for the IEC 61158 series. It • explains the structure and content of the IEC 61158 series; • relates the structure of the IEC 61158 series to the ISO/IEC 7498 OSI Basic Reference Model; • shows the logical structure of the IEC 61784 series; • shows how to use parts of the IEC 61158 series in combination with IEC 61784 series; • provides explanations of some aspects of the IEC 61158 series that are common to the parts of the IEC 61158-5 series.

Keel en

EN 14656:2006/FprA1

Identne EN 14656:2006/FprA1:2009

Tähtaeg 29.11.2009

Masinate ohutus. Ohutusnõuded terase ja mittemagnetiliste metallide ekstrusioonpressidele

This European Standard applies to:- extrusion presses from the exit side of the heater through associated handling, cooling and quenching equipment including, e.g. the puller, the hot saw, the run-out table, the stretcher, the cold saw, cold saw table and/or coiler when incorporated into the equipment, to a point where the extruded product is passed to associated finishing equipment.

Keel en

EN 14673:2006/FprA1

Identne EN 14673:2006/FprA1:2009

Tähtaeg 29.11.2009

Masinate ohutus. Ohutusnõuded hüdroajamiga avaneva matriitsiga kuumsepispressile terase ja mittemagnetiliste metallide sepistamiseks

This European Standard applies to:- hydraulically powered open die forging presses for hot working;- handling and cooling equipment connected with the control system of the forging line, e. g., manipulators, rotating type handling devices, die shifting devices, table devices and tool changing devices;- handling equipment designed specifically to be used within the forging line, e. g., material manipulation devices, turnover or handling devices attached to fork lift trucks or cranes etc.

Keel en

EN 14681:2006/FprA1

Identne EN 14681:2006/FprA1:2009
Tähtaeg 29.11.2009

Masinate ohutus. Terase elektrikaarahjuga tootmiseks kasutatavate masinate ja seadmete ohutusnõuded

This European Standard specifies the general safety requirements for electric arc furnaces (EAF) to melt steel not containing radioactive material. This European Standard deals with all significant hazards, hazardous situations and events pertinent to EAF, when used as intended and under conditions foreseen by the manufacturer, but also includes foreseeable faults and malfunctions in case of misuse.

Keel en

EN 60745-2-21:2009/FprA1

Identne EN 60745-2-21:2009/FprA1:2009
ja identne IEC 60745-2-21:2002/A1:2008
Tähtaeg 29.11.2009

Käeshoitavad mootoriga elektritööriistad. Ohutus. Osa 2-21: Erinõuded dreneažipuhastajatele

This standard applies to drain cleaners.

Keel en

FprEN ISO 3821

Identne FprEN ISO 3821:2009
ja identne ISO 3821:2008
Tähtaeg 29.11.2009

Gas welding equipment - Rubber hoses for welding, cutting and allied processes

This International Standard specifies requirements for rubber hoses (including twin hoses) for welding, cutting and allied processes. This International Standard specifies requirements for rubber hoses for normal duty of 2 MPa (20 bar) and light duty [limited to hoses for maximum working pressure of 1 MPa (10 bar) and with bore up to and including 6,3 mm]. This International Standard applies to hoses operated at temperatures $-20\text{ }^{\circ}\text{C}$ to $+60\text{ }^{\circ}\text{C}$ and used in: - gas welding and cutting; - arc welding under the protection of an inert or active gas; - processes allied to welding and cutting, in particular, heating, brazing, and metallization. This International Standard applies neither to thermoplastics hoses nor to hoses used for high pressure [$>0,15\text{ MPa}$ ($>1,5\text{ bar}$)] acetylene.

Keel en

Asendab EVS-EN 559:2003

FprEN ISO 5171

Identne FprEN ISO 5171:2009
ja identne ISO 5171:2009
Tähtaeg 29.11.2009

Gas welding equipment - Pressure gauges used in welding, cutting and allied processes

This International Standard specifies requirements for Bourdon-tube pressure gauges normally used with compressed gas systems at pressures up to 30 MPa (300 bar) in welding, cutting and allied processes. It also covers use for dissolved acetylene and for liquefied gases under pressure. It does not cover gauges for acetylene in acetylene-manufacturing plants.

Keel en

Asendab EVS-EN 562:2003

prEN ISO 544

Identne prEN ISO 544:2009
ja identne ISO/DIS 544:2009
Tähtaeg 29.11.2009

Welding consumables - Technical delivery conditions for filler materials and fluxes - Type of product, dimensions, tolerances and markings

This International Standard specifies technical delivery conditions for filler materials and fluxes for fusion welding. This International Standard does not apply to other auxiliary materials such as shielding gases.

Keel en

Asendab EVS-EN ISO 544:2004

prEN ISO 10218-1

Identne prEN ISO 10218-1:2009

ja identne ISO/DIS 10218-1:2009

Tähtaeg 29.11.2009

Robots and robotic devices - Safety requirements - Part 1: Industrial robots

This part of ISO 10218 specifies requirements and guidelines for the inherent safe design, protective measures and Information for Use of industrial robots, as defined in Clause 3. It describes basic hazards associated with robots and provides requirements to eliminate, or adequately reduce, the risks associated with these hazards. This part of ISO 10218 does not address the robot as a complete machine. Noise emission is generally not considered a significant hazard of the robot alone, but will be fully covered in Part 2 for the robot system or the complete machine. This part of ISO 10218 does not apply to non-industrial robots although the safety principles established in ISO 10218 may be utilized for these other robots. Examples of non-industrial robot applications include, but are not limited to: undersea, military and space robots, tele-operated manipulators, prosthetics and other aids for the physically impaired, micro-robots (displacement less than 1 mm), surgery or healthcare, and service or consumer products.

Keel en

Asendab EVS-EN ISO 10218-1:2009

prEN ISO 10863

Identne prEN ISO 10863:2009

ja identne ISO/DIS 10863:2009

Tähtaeg 29.11.2009

Welding - Use of time-of-flight diffraction technique (TOFD) for testing of welds

This document specifies the application of the time-of-flight diffraction (TOFD) technique for the semi-, or fully- automated ultrasonic testing of fusion welded joints in metallic materials equal to and above 6 mm thickness. It applies to full penetration welded joints of simple geometry in plates, pipes, and vessels, where both the weld and parent material are low alloyed carbon steel. Where specified and appropriate, TOFD may also be used on other types of materials that exhibit low ultrasonic attenuation (especially that due to scatter).

Keel en

Asendab CEN/TS 14751:2004

prEN ISO 13585

Identne prEN ISO 13585:2009

ja identne ISO/DIS 13585:2009

Tähtaeg 29.11.2009

Brazing - Brazer qualification

This standard specifies basic requirements for the qualification testing of brazers and brazing operators providing conditions for brazing, testing, examination and range of qualification for certificates. This standard applies to manual brazing, e.g. with hand torch (flame), to qualify brazers manipulative skills, as well as mechanised brazing.

Keel en

Asendab EVS-EN 13133:2001

prEN ISO 14171

Identne prEN ISO 14171:2009

ja identne ISO/DIS 14171:2009

Tähtaeg 29.11.2009

Welding consumables - Solid wire electrodes, tubular cored electrodes and electrode/flux combinations for submerged arc welding of non alloy and fine grain steels - Classification

This International Standard specifies requirements for the classification of electrode/flux combinations and weld metal in the as-welded condition and in the post weld heat-treated condition for submerged arc welding of non alloy and fine grain steels with a minimum yield strength of up to 500 MPa or a minimum tensile strength of up to 570 MPa. One flux may be classified with different solid wire electrodes and tubular cored electrodes. The solid wire electrode is also classified separately based on chemical composition.

Keel en

Asendab EVS-EN 756:2004

prEN ISO 14372

Identne prEN ISO 14372:2009

ja identne ISO/DIS 14372:2009

Tähtaeg 29.11.2009

Welding consumables - Determination of moisture resistance of manual metal arc welding electrodes by measurement of diffusible hydrogen

This test method is intended to enable relative ranking, by 24 h exposure to humid air and subsequent diffusible hydrogen testing, of manual metal arc electrode coatings related to their tendency to absorb moisture. This test method has limited potential applicability since it is unlikely to be capable of being scaled up for large volumes of testing.

Keel en

Asendab EVS-EN ISO 14372:2002

prEN ISO 28927-4

Identne prEN ISO 28927-4:2009

ja identne ISO/DIS 28927-4:2009

Tähtaeg 29.11.2009

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 4: Straight grinders

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of straight grinders. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of a machine fitted with a specified test wheel and run under no load conditions. This part of ISO 28927 applies to hand-held machines intended for grinding and surface finishing using straight grinding wheels type 1, tapered wheels type 4, and cone wheels type 16, 18, 18R and 19, for use on all kinds of materials. The machines covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical machines are illustrated in Figures 1-2. This part of ISO 28927 applies to the machines mentioned in clause 5. It does not apply to grinders used with wire brushes and die grinders. It is intended that the results can be used to compare different models of the same type of machine.

Keel en

prEN ISO 28927-10

Identne prEN ISO 28927-10:2009

ja identne ISO/DIS 28927-10:2009

Tähtaeg 29.11.2009

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 10: Percussive drills, hammers and breakers

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of hand-held power driven percussive machines with and without rotary action (portable rock drills, plug hole drills, rotary hammers, breakers (e.g. pavement breakers, concrete breakers or road breakers), riveting hammers, chipping hammers, pick hammers, or similar). It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of machine fitted with inserted tool bit.

Keel en

prEN ISO 28927-11

Identne prEN ISO 28927-11:2009

ja identne ISO/DIS 28927-11:2009

Tähtaeg 29.11.2009

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 11: Stone hammers

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of hand-held stone hammers. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of a stone hammer when operated in laboratory conditions. This Standard applies to engraving pens and stone hammers intended for use by stone masons. The machines covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical machines are illustrated in Figures 1-4. This part of ISO 28927 applies to the machines mentioned in clause 5. It does not apply to demolition hammers or to chipping hammers primarily intended for use on metal or in construction. It is intended that the results can be used to compare different models of the same type of machine.

Keel en

27 ELEKTRI- JA SOOJUSENERGEETIKA**EN 55012:2008/A1**

Identne EN 55012:2007/A1:2009

ja identne CISPR 12:2007/A1:2009

Tähtaeg 29.11.2009

Sõidukid, laevad ja sise põlemismootorid. Raadiohäiringu tunnussuurused. Piirväärtused ja mõõtemetodid pardavälisele vastuvõtjatele

The limits in this International Standard are designed to provide protection for broadcast receivers in the frequency range of 30 MHz to 1 000 MHz when used in the residential environment. Compliance with this standard may not provide adequate protection for new types of radio transmissions or receivers used in the residential environment nearer than 10 m to the vehicle, boat or device. NOTE 1 Experience has shown that compliance with this standard may provide satisfactory protection for receivers of other types of transmissions when used in the residential environment, including radio transmissions in frequency ranges other than that specified. This standard applies to the emission of electromagnetic energy which may cause interference to radio reception and which is emitted from a) vehicles propelled by an internal combustion engine, electrical means or both (see 3.1); b) boats propelled by an internal combustion engine, electrical means or both (see 3.2). Boats are to be tested in the same manner as vehicles except where they have unique characteristics as explicitly stated in this standard; c) devices equipped with internal combustion engines (see 3.3). See Annex G for a flow chart to help determine the applicability of CISPR 12.

Keel en

prEN ISO 10437

Identne prEN ISO 10437:2009
ja identne ISO/DIS 10437:2009
Tähtaeg 29.11.2009

Petroleum, petrochemical and natural gas industries - Steam turbines - Special-purpose applications

This International Standard specifies the minimum requirements for steam turbines for special purpose applications for use in the petroleum, petrochemical and natural gas industries. These requirements include basic design, materials, fabrication, inspection testing and preparation for shipment. It also covers the related lube-oil systems, instrumentation, control systems and auxiliary equipment. It is not applicable to general-purpose steam turbines, which are covered in API Std 611.

Keel en
Asendab EVS-EN ISO 10437:2004

29 ELEKTROTEHNIKA**EN 60901:2002/FprA5**

Identne EN 60901:1996/FprA5:2009
ja identne IEC 60901:1996/A5:200X
Tähtaeg 29.11.2009

Single-capped fluorescent lamps - Performance specifications

Specifies the safety and performance requirements of a range of single-capped fluorescent lamps which are operated on a.c. supplies.

Keel en

FprEN 50540

Identne FprEN 50540:2009
Tähtaeg 29.11.2009

Aluminium Conductors Steel Supported (ACSS) for overhead lines

This draft European Standard specifies the electrical and mechanical characteristics of ACSS conductors made of round or formed annealed aluminium wires and steel wires stranded in alternate directions, made of one or a combination of any of the following.

Keel en

FprEN 60076-16

Identne FprEN 60076-16:2009
ja identne IEC 60076-16:200X
Tähtaeg 29.11.2009

Power transformers - Part 16: Transformers for wind turbines application

This standard applies to dry type and liquid immersed transformers for rated power 100 kVA up to 10000 kVA for wind turbines application having a winding with highest voltage for equipment up to and including 36 kV and at least one winding operating at a voltage greater than 1,1 kV. If not otherwise specified in this standard the transformers shall comply with the relevant requirements prescribed in the IEC 60076 series.

Keel en

FprEN 60079-29-4/FprAA

Identne FprEN 60079-29-4:2009/FprAA:2009
Tähtaeg 29.11.2009

Explosive atmospheres - Part 29-4: Gas detectors - Performance requirements of open path detectors for flammable gases

This part of IEC 60079-29 specifies performance requirements of equipment for the detection and measuring of flammable gases or vapours in ambient air by measuring the spectral absorption by the gases or vapours over extended optical paths, ranging typically from one meter to a few kilometres. Such equipment measures the integral concentration of the absorbing gas over the optical path in units such as LFL.meter for flammable gases.

Keel en

FprEN 60352-8

Identne FprEN 60352-8:2009
ja identne IEC 60352-8:200X
Tähtaeg 29.11.2009

Solderless connections - Part 8: Compression mount connections - General requirements, test methods and practical guidance

This part of IEC 60352 is applicable to compression mount connections for use in telecommunication equipments and in other electronic devices employing similar techniques. Information on materials and data from industrial experience is included in addition to the test procedures to provide electrically stable connections under prescribed environmental conditions. The object of this part of IEC 60352 is to determine the suitability of compression mount connections under specified electrical, mechanical and atmospheric conditions.

Keel en

FprEN 60695-7-1

Identne FprEN 60695-7-1:2009

ja identne IEC 60695-7-1:200X

Tähtaeg 29.11.2009

Fire hazard testing - Part 7-1: Toxicity of fire effluent - General guidance

This part of IEC 60695 provides guidance on the factors which affect the toxic hazard from fires involving electrotechnical products, and provides information on the methodologies recommended by ISO TC 92 SC 3 for estimating and reducing the toxic hazard from fires, as expressed in ISO 19706, ISO 13344 and ISO 13571. There is no single test to realistically assess toxic hazard in fires. Small-scale toxic potency tests are not capable on their own of assessing the toxic hazard in fires. Current toxicity tests attempt to measure the toxic potency of a laboratory generated fire effluent. Toxic potency should not be confused with toxic hazard.

Keel en

Asendab EVS-EN 60695-7-1:2004

FprEN 62026-7

Identne FprEN 62026-7:2009

ja identne IEC 62026-7:200X

Tähtaeg 29.11.2009

Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 7: CompoNet

This part of IEC 62026 specifies an interface system providing bit-level and word-level communication between a controller and control circuit devices such as sensors, actuators, and switching elements. The interface system uses cabling with round or flat profiles containing a two conductor signalling pair and optionally a two conductor power supply pair. This part establishes requirements for the interchangeability of components with such interfaces. This part of IEC 62026 specifies the following particular requirements for CompoNet™ 2):

- requirements for interfaces between a controller and control circuit devices;
- normal service conditions for devices;
- constructional and performance requirements;
- tests to verify conformance to requirements.

These particular requirements apply in addition to the general requirements of IEC 62026-1.

Keel en

prEN 50149

Identne prEN 50149:2009

Tähtaeg 29.11.2009

Raudteealased rakendused. Püsipaigaldised. Elektertransport. Vasest ja vasesulamitest kontaktjuhtmed

This European Standard specifies the characteristics of copper and copper alloy wires of cross sections of 80 mm², 100 mm², 107 mm², 120 mm² and 150 mm² for use on overhead contact lines. It establishes the product characteristics, the test methods, checking procedures to be used with the wires, together with the ordering and delivery condition.

Keel en

Asendab EVS-EN 50149:2002

prEN 50467

Identne prEN 50467:2009

Tähtaeg 29.11.2009

Railway applications - Rolling stock - Electrical connectors, requirements and test methods

nquiryThis European Standard retains EN 61984:2001 as the minimum performance requirements for railway rolling stock electrical connectors. It identifies additional terms, test methods and performance requirements for single-pole and multipole connectors with rated voltages up to 1 000 V, rated currents up to 125 V per contact and frequencies below 3 MHz used for indoor and outdoor applications in railway rolling stock. This European Standard identifies the application levels for electrical connectors based on - the severity of the service conditions in different rolling stock technologies, - the intended use of the rolling stock, - the location of the connector in the rolling stock system. This European Standard is not applicable to internal connections of electronic devices such as connectors for printed boards and rack-and-panel connectors.

Keel en

Asendab CLC/TS 50467:2008

31 ELEKTROONIKA**EN 60512-26-100:2008/FprA1**

Identne EN 60512-26-100:2008/FprA1:2009

ja identne IEC 60512-26-100:2008/A1:200X

Tähtaeg 29.11.2009

Connectors for electronic equipment - Tests and measurements - Part 26-100: Measurement setup, test and reference arrangements and measurements for connectors according to IEC 60603-7 - Tests 26a to 26g

This part of IEC 60512 specifies the test and measurements and the related measurement setup and reference arrangements for interoperability and backward compatibility tests for the development and qualification of 8-way, free and fixed connectors for data transmission.

Keel en

EN 61966-5

Identne EN 61966-5:2009

ja identne IEC 61966-5:2008

Tähtaeg 29.11.2009

Multimedia systems and equipment - Colour measurement and management - Part 5: Equipment using plasma display panels

This part of IEC 61966 defines input test signals, measurement conditions, methods of measurement and reporting of the measured data, to be used for colour characterization and colour management of plasma display panels in multimedia systems. Colour control within equipment is outside the scope of this International Standard. It does not specify limiting values for various parameters.

Keel en

Asendab EVS-EN 61966-5:2002

FprEN 60191-6-17

Identne FprEN 60191-6-17:2009

ja identne IEC 60191-6-17:200X

Tähtaeg 29.11.2009

Mechanical standardization of semiconductor devices - Part 6-17: General rules for the preparation of outline drawings of surface mounted semiconductor device packages - Design guide for stacked packages - Fine-Pitch Ball Grid Array and Fine-Pitch Land Grid Array (P-PFBGA and P-PFLGA)

This part of IEC 60191 provides outline drawings and dimensions for stacked packages and individual stackable packages in the form of FBGA or FLGA.

Keel en

FprEN 60749-21

Identne FprEN 60749-21:2009

ja identne IEC 60749-21:200X

Tähtaeg 29.11.2009

Semiconductor devices - Mechanical and climatic test methods - Part 21: Solderability

This part of IEC 60749 establishes a standard procedure for determining the solderability of device package terminations that are intended to be joined to another surface using tin-lead (SnPb) or lead-free (Pb-free) solder for the attachment. This test method provides a procedure for 'dip and look' solderability testing of through hole, axial and surface mount devices (SMDs) as well as an optional procedure for a board mounting solderability test for SMDs for the purpose of allowing simulation of the soldering process to be used in the device application. The test method also provides optional conditions for ageing.

Keel en

Asendab EVS-EN 60749-21:2005

FprEN 60749-29

Identne FprEN 60749-29:2009

ja identne IEC 60749-29:200X

Tähtaeg 29.11.2009

Semiconductor devices - Mechanical and climatic test methods - Part 29: Latch-up test

This part of IEC 60749 covers the I-test and the overvoltage latch-up testing of integrated circuits. This test is classified as destructive. The purpose of this test is to establish a method for determining integrated circuit (IC) latch-up characteristics and to define latch-up failure criteria. Latch-up characteristics are used in determining product reliability and minimizing "No Trouble Found" (NTF) and "Electrical Overstress" (EOS) failures due to latch-up. This test method is primarily applicable to CMOS devices. Applicability to other technologies must be established. The classification of latch-up as a function of temperature is defined in 2.1 and the failure level criteria are defined in 2.10

Keel en

Asendab EVS-EN 60749-29:2004

FprEN 60749-34

Identne FprEN 60749-34:2009

ja identne IEC 60749-34:200X

Tähtaeg 29.11.2009

Semiconductor devices - Mechanical and climatic test methods - Part 34: Power cycling

This test method is used to determine the resistance of a semiconductor device to thermal and mechanical stresses due to cycling the power dissipation of the internal semiconductor die and internal connectors. This happens when low-voltage operating biases for forward conduction (load currents) are periodically applied and removed causing rapid changes of temperature. The power cycling test is intended to simulate typical applications in power electronics and is complementary to high temperature operating life (see IEC 60749-23). Exposure to this test may not induce the same failure mechanisms as exposure to air-to-air temperature cycling, or to rapid change of temperature using the two-fluid-baths method. This test causes wear-out and is considered destructive.

Keel en

Asendab EVS-EN 60749-34:2004

FprEN 61076-2

Identne FprEN 61076-2:2009

ja identne IEC 61076-2:200X

Tähtaeg 29.11.2009

Connectors for electronic equipment - Product requirements - Part 2: Sectional specification for circular connectors

This part of IEC 61076 establishes uniform specifications and technical information for circular connectors. It is to be used in conjunction with the generic specification IEC 61076-1 Ed. 2 for Product requirements and IEC 62197-1 for Quality requirements as the basis for preparation of consistent detail product specifications for circular connectors. A Detail Quality Specification IEC 62197-2-1xx should be prepared, based on the Blank detail specification for Circular Connectors IEC 62197-2-001 (to be prepared) and shall be used in addition to the Detail Product Specification IEC 61076-2-1xx.

Keel en

Asendab EVS-EN 61076-2:2002

FprEN 61076-2-001

Identne FprEN 61076-2-001:2009

ja identne IEC 61076-2-001:200X

Tähtaeg 29.11.2009

Connectors for electronic equipment - Product requirements - Part 2-001: Circular connectors - Blank detail specification

This publication also bears the number QC 480101 which is the specification number in the IEC Quality Assessment System for Electronic Components (IECQ).

Keel en

Asendab EVS-EN 61076-2-001:2003

FprEN 61076-2-106

Identne FprEN 61076-2-106:2009

ja identne IEC 61076-2-106:200X

Tähtaeg 29.11.2009

Connectors for electronic equipment - Product requirements - Part 2-106: Circular connectors - Detail specification for connectors m 16 x 0,75 with screw-locking and degree of protection ip40 or ip65/67

This International Standard describes circular connectors with IP40 or IP65/67 protection degree, typically used for industrial process measurement and control. These connectors consist of fixed and free connectors, either rewirable or non-rewirable, with M16 x 0,75 screw-locking. Male connectors have round contacts $\varnothing 1,5$ mm or $\varnothing 1,0$ mm.

Keel en

FprEN 62047-5

Identne FprEN 62047-5:2009

ja identne IEC 62047-5:200X

Tähtaeg 29.11.2009

Semiconductor devices - Micro-electromechanical devices - Part 5: RF MEMS switches

This standard describes terminology, definition, symbols, test methods that can be used to evaluate and determine the essential ratings and characteristic parameters of RF MEMS switches. The statements made in this standardization are also applicable to RF MEMS switches with various structures, contacts (DC contact and capacitive contact), configurations (series and shunt), switching networks (SPST, SPDT, DPDT, etc.), and actuation mechanism such as electrostatic, electro-thermal, electromagnetic, piezoelectric, etc. The RF MEMS switches are promising devices in advanced mobile phones with multi-band/mode operation, smart radar systems, reconfigurable RF devices and systems, SDR phones, test equipments, tunable devices and systems, satellite, etc.

Keel en

FprEN 62047-8

Identne FprEN 62047-8:2009

ja identne IEC 62047-8:200X

Tähtaeg 29.11.2009

Semiconductor devices - Micro-electromechanical devices - Part 8: Strip bending test method for tensile property measurement of thin films

This International Standard specifies the strip bending test method to measure tensile properties of thin films with high accuracy, repeatability, moderate effort of alignment and specimen handling compared to the conventional tensile test. This testing method is valid for specimens with a thickness between 50 nm and several μm , and with an aspect ratio (ratio of specimen length to thickness) of more than 300. The hanging strip (or bridge) between two fixed supports are widely adopted in MEMS or micro-machines. It is much easier to fabricate these strips than the conventional tensile test pieces. The test procedures are so simple to be readily automated. This international standard can be utilized as a quality control test for MEMS production since its testing throughput is very high compared to the conventional tensile test.

Keel en

FprEN 62047-9

Identne FprEN 62047-9:2009

ja identne IEC 62047-9:200X

Tähtaeg 29.11.2009

Semiconductor devices - Micro-electromechanical devices - Part 9: Wafer to wafer bonding strength measurement for MEMS

This standard describes bonding strength measurement method of wafer to wafer bonding, type of bonding process such as silicon to silicon fusion bonding, silicon to glass anodic bonding, etc., and applicable structure size during MEMS processing/assembly. The applicable wafer thickness is in the range of 10 μ m to several mm.

Keel en

FprEN 62258-2

Identne FprEN 62258-2:2009

ja identne IEC 62258-2:200X

Tähtaeg 29.11.2009

Semiconductor die products Part 2: Exchange data formats

This International Standard has been developed to facilitate the production, supply and use of semiconductor die products, including but not limited to : • wafers • singulated bare die • die and wafers with attached connection structures • minimally or partially encapsulated die and wafers It specifies the data formats that may be used for the exchange of data which is covered by other parts of this standard as well as definitions of all parameters used according to the principles and methods of IEC 61360. It introduces a Device Data Exchange (DDX) format, with the prime goal of facilitating the transfer of adequate geometric data between die manufacturer and CAD/CAE user and formal information models that allow data exchange in other formats such as STEP physical file format, in accordance with ISO 10303-21, and XML. The data format has been kept intentionally flexible to permit usage beyond this initial scope.

Keel en

Asendab EVS-EN 62258-2:2005

33 SIDETEHNIKA**EN 50173-1:2007/prAB**

Identne EN 50173-1:2007/prAB:2009

Tähtaeg 29.11.2009

Information technology - Generic cabling systems Part 1: General requirements

This European Standard specifies: a) the structure and configuration of the backbone cabling subsystems of generic cabling systems within the types of premises defined by the other standards in the EN 50173 series; b) channel performance requirements in support of the standards in the EN 50173 series; c) link performance requirements in support of the standards in the EN 50173 series; d) backbone cabling reference implementations in support of the standards in the EN 50173 series; e) component performance requirements in support of the standards in the EN 50173 series

Keel en

EN 50173-2:2007/prAA

Identne EN 50173-2:2007/prAA:2009

Tähtaeg 29.11.2009

Information technology - Generic cabling systems -- Part 2: Office premises

This European Standard specifies generic cabling that supports a wide range of communications services for use within office premises, or office areas within other types of premises, that comprise single or multiple buildings on a campus. The requirements of this standard may be applied to other premises that are not explicitly specified within other parts of the EN 50173 series of standards. It covers balanced cabling and optical fibre cabling.

Keel en

EN 50173-4:2007/prAA

Identne EN 50173-4:2007/prAA:2009

Tähtaeg 29.11.2009

Information technology - Generic cabling systems -- Part 4: Homes

This European standard specifies generic cabling in homes, installed to support one or more of the following groups of applications and based upon balanced and coaxial cabling as appropriate: 1) Information and Communications Technologies (ICT); 2) Broadcast and Communications Technologies (BCT); 3) Commands, Controls and Communications in Buildings (CCCB).

Keel en

EN 50173-5:2007/prAA

Identne EN 50173-5:2007/prAA:2009

Tähtaeg 29.11.2009

Information technology - Generic cabling systems Part 5: Data centers

This European Standard specifies generic cabling that supports a wide range of communications services for use within a data centre. It covers balanced cabling and optical fibre cabling.

Keel en

EN 55012:2008/A1

Identne EN 55012:2007/A1:2009
ja identne CISPR 12:2007/A1:2009
Tähtaeg 29.11.2009

Sõidukid, laevad ja sise põlemismootorid. Raadiohäiringu tunnussuurused. Piirväärtused ja mõõtemetodid pardavälisele vastuvõtjatele

The limits in this International Standard are designed to provide protection for broadcast receivers in the frequency range of 30 MHz to 1 000 MHz when used in the residential environment. Compliance with this standard may not provide adequate protection for new types of radio transmissions or receivers used in the residential environment nearer than 10 m to the vehicle, boat or device. NOTE 1 Experience has shown that compliance with this standard may provide satisfactory protection for receivers of other types of transmissions when used in the residential environment, including radio transmissions in frequency ranges other than that specified. This standard applies to the emission of electromagnetic energy which may cause interference to radio reception and which is emitted from a) vehicles propelled by an internal combustion engine, electrical means or both (see 3.1); b) boats propelled by an internal combustion engine, electrical means or both (see 3.2). Boats are to be tested in the same manner as vehicles except where they have unique characteristics as explicitly stated in this standard; c) devices equipped with internal combustion engines (see 3.3). See Annex G for a flow chart to help determine the applicability of CISPR 12.

Keel en

EN 55016-1-4:2007/A2

Identne EN 55016-1-4:2007/A2:2009
ja identne CISPR 16-1-4:2007/A2:2008
Tähtaeg 29.11.2009

Raadiohäirete ja häirekindluse mõõteaparatuuri ja -meetodite liigitus. Osa 1-4: Raadiohäirete ja häirekindluse mõõteaparatuur. Abiseadmed. Kiirgushäiringud

This part of CISPR 16 is designated a basic standard, which specifies the characteristics and performance of equipment for the measurement of radiated disturbances in the frequency range 9 kHz to 18 GHz. Specifications for ancillary apparatus are included for: antennas and test sites, TEM cells, and reverberating chambers. The requirements of this publication must be complied with at all frequencies and for all levels of radiated disturbances within the CISPR indicating range of the measuring equipment. Methods of measurement are covered in Part 2-3, and further information on radio disturbance is given in Part 3 of CISPR 16. Uncertainties, statistics and limit modelling are covered in Part 4 of CISPR 16

Keel en

EN 61966-5

Identne EN 61966-5:2009
ja identne IEC 61966-5:2008
Tähtaeg 29.11.2009

Multimedia systems and equipment - Colour measurement and management - Part 5: Equipment using plasma display panels

This part of IEC 61966 defines input test signals, measurement conditions, methods of measurement and reporting of the measured data, to be used for colour characterization and colour management of plasma display panels in multimedia systems. Colour control within equipment is outside the scope of this International Standard. It does not specify limiting values for various parameters.

Keel en

Asendab EVS-EN 61966-5:2002

FprEN 60728-3

Identne FprEN 60728-3:2009
ja identne IEC 60728-3:200X
Tähtaeg 29.11.2009

Televisioonisignaali, helisignaali ja interaktiivsete teenuste kaabelvõrgud Osa 3: Aktiivsed lairiba seadmed koaksiaalkaabelvõrkudele

This part of IEC 60728 lays down the measuring methods, performance requirements and data publication requirements for active wideband equipment of cable networks for television signals, sound signals and interactive services.

Keel en

Asendab EVS-EN 50083-3:2005

prEN 50289-4-17

Identne prEN 50289-4-17:2009
Tähtaeg 29.11.2009

Communication cables - Specifications for test methods - Part 4-17: Test methods for UV resistance evaluation of the sheath of electrical and optical fibre cable

This European Standard describes three methods to determine the UV resistance of sheath materials for electric and for optical fibre cables. These tests apply for outdoor and indoor cable applications according to the product standard. The samples of sheath are taken from the finished cables. Methods differ by the nature of the UV source.

Keel en

35 INFOTEHNOLOOGIA. KONTORISEADMED

CLC/TR 61158-1:2008/FprA1

Identne CLC/TR 61158-1:2008/FprA1:2009

ja identne IEC/TR 61158-1:2007/A1:200X

Tähtaeg 29.08.2009

Industrial communication networks - Fieldbus specifications - Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series

This technical report presents an overview and guidance for the IEC 61158 series. It • explains the structure and content of the IEC 61158 series; • relates the structure of the IEC 61158 series to the ISO/IEC 7498 OSI Basic Reference Model; • shows the logical structure of the IEC 61784 series; • shows how to use parts of the IEC 61158 series in combination with IEC 61784 series; • provides explanations of some aspects of the IEC 61158 series that are common to the parts of the IEC 61158-5 series.

Keel en

EN 50173-3:2007/prAA

Identne EN 50173-3:2007/prAA:2009

Tähtaeg 29.11.2009

Information technology - Generic cabling systems -- Part 3: Industrial premises

This European Standard specifies generic cabling that supports a wide range of communications services including automation, process control and monitoring applications for use within industrial premises comprising single or multiple buildings on a campus. It covers balanced cabling and optical fibre cabling. This European Standard is based upon and references the requirements of EN 50173-1. This European Standard contains additional requirements that are appropriate to industrial premises in which the maximum distance over which communications services have to be distributed is 10 000 m. The principles of this European Standard may also be applied to installations that do not fall within this range.

Keel en

EN 61966-5

Identne EN 61966-5:2009

ja identne IEC 61966-5:2008

Tähtaeg 29.11.2009

Multimedia systems and equipment - Colour measurement and management - Part 5: Equipment using plasma display panels

This part of IEC 61966 defines input test signals, measurement conditions, methods of measurement and reporting of the measured data, to be used for colour characterization and colour management of plasma display panels in multimedia systems. Colour control within equipment is outside the scope of this International Standard. It does not specify limiting values for various parameters.

Keel en

Asendab EVS-EN 61966-5:2002

43 MAANTEESÕIDUKITE EHITUS

prEN 15997

Identne prEN 15997:2009

Tähtaeg 29.11.2009

All terrain vehicles - Safety requirements and test methods

This European Standard applies to „All Terrain Vehicles“ or „ATVs“ as defined in Clause 3 propelled by internal combustion engines using liquid fuels (petrol, diesel, ...) not intended to be used on public roads¹). This European Standard is not dealing with : - ATVs exclusively intended for competition²); - agricultural and forestry tractors coming under the Directive 2003/37/EC; - accessories for additional functions (towing hook and load carrying provisions remaining within the vertical projection onto the ground of the vehicle are not considered as accessories); - the additional hazards due to the use of the ATV on public roads; - the additional hazards due to the use of remote control. This European Standard deals with all significant hazards, hazardous situations and events relevant to ATVs, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). It deals with the significant hazards during the whole lifecycle of the product as defined in 5.3 of EN ISO 12100-1:2003. This European Standard is not applicable to ATVs which are manufactured before the date of its publication as EN.

Keel en

45 RAUDTEETEHNIKA

prEN 15827

Identne prEN 15827:2009

Tähtaeg 29.11.2009

Railway applications - Bogies and running gear

This document is applicable to bogies and running gear intended for vehicles that will operate under the Interoperability Directives on designated TEN routes. However, the requirements can be used in other applications. It specifies the requirements to achieve a satisfactory design of bogie or running gear and to validate the design against the relevant performance and safety requirements. Technical requirements are specified directly or by making reference to the relevant European standards and include the nature and content of an auditable record that should be produced of the design and validation processes.

Keel en

prEN 50467

Identne prEN 50467:2009

Tähtaeg 29.11.2009

Railway applications - Rolling stock - Electrical connectors, requirements and test methods

nquiry This European Standard retains EN 61984:2001 as the minimum performance requirements for railway rolling stock electrical connectors. It identifies additional terms, test methods and performance requirements for single-pole and multipole connectors with rated voltages up to 1 000 V, rated currents up to 125 V per contact and frequencies below 3 MHz used for indoor and outdoor applications in railway rolling stock. This European Standard identifies the application levels for electrical connectors based on - the severity of the service conditions in different rolling stock technologies, - the intended use of the rolling stock, - the location of the connector in the rolling stock system. This European Standard is not applicable to internal connections of electronic devices such as connectors for printed boards and rack-and-panel connectors.

Keel en

Asendab CLC/TS 50467:2008

49 LENNUNDUS JA KOSMOSETEHNIKA**FprEN 3227**

Identne FprEN 3227:2009

Tähtaeg 29.11.2009

Aerospace series - Nuts, hexagonal, plain, normal height, normal across flats, in steel, cadmium plated, left hand thread - Classification: 1 100 MPa (at ambient temperature) / 235 °C

This document specifies the characteristics of plain, hexagonal nuts, normal height, normal across flats, with left hand thread, in steel, cadmium plated. Classification : 1 100 MPa 1) / 235 °C 2)

Keel en

FprEN 3228

Identne FprEN 3228:2009

Tähtaeg 29.11.2009

Aerospace series - Nuts, hexagonal, plain, reduced height, normal across flats, in steel, cadmium plated - Classification: 900 MPa (at ambient temperature) / 235 °C

This document specifies the characteristics of plain, hexagonal nuts, reduced height, normal across flats, in steel, cadmium plated. Classification: 900 MPa 1) / 235 °C 2)

Keel en

FprEN 3435

Identne FprEN 3435:2009

Tähtaeg 29.11.2009

Aerospace series - Nuts, anchor, self-locking, floating, two lug, reduced series, with counterbore, in heat resisting steel, MoS2 lubricated - Classification: 1 100 MPa (at ambient temperature) / 315 °C

This document specifies the characteristics of two lug, reduced series, counterbored floating anchor nuts, with a self-locking feature achieved by forming the upper portion out-of-round, in heat resisting steel, MoS2 lubricated. Classification: 1 100 MPa 1) / 315 °C 2)

Keel en

FprEN 3529

Identne FprEN 3529:2009

Tähtaeg 29.11.2009

Aerospace series - Steel FE-PM2701 (X2NiCoMo18-8-5) - Vacuum induction melted and vacuum arc remelted - Solution treated and precipitation treated - Forgings - a or D ≤ 150 mm - 1 750 MPa ≤ Rm ≤ 2000 Mpa

This document specifies the requirements relating to: Steel FE-PM2701 (X2NiCoMo18-8-5) Vacuum induction melted and vacuum arc remelted Solution treated and precipitation treated Forgings a or D ≤ 150 mm 1 750 MPa ≤ Rm ≤ 2 000 MPa for aerospace applications.

Keel en

FprEN 3653

Identne FprEN 3653:2009

Tähtaeg 29.11.2009

Aerospace series - Nuts, anchor, self-locking, floating, self-aligning, one lug, in steel, cadmium plated, MoS2 lubricated - Classification: 900 MPa (at ambient temperature) / 235 °C

This European Standard specifies the characteristics of one lug, floating, self-aligning anchor nuts with a self-locking feature achieved by forming the upper portion out of round, in steel, cadmium plated, MoS2 lubricated. Classification: 900 MPa 1) / 235 °C 2)

Keel en

FprEN 3750

Identne FprEN 3750:2009

Tähtaeg 29.11.2009

Aerospace series - Nuts, anchor, self-locking, fixed, 90° corner, reduced series, with counterbore, in heat resisting steel, MoS2 lubricated - Classification: 1 100 MPa (at ambient temperature) / 315 °C

This European Standard specifies the characteristics of 90° corner, reduced series, counterbored fixed anchor nuts, with a self-locking feature achieved by forming the upper portion out-of-round, in heat resisting steel, MoS2 lubricated. Classification: 1 100 MPa 1) / 315 °C 2)

Keel en

FprEN 3753

Identne FprEN 3753:2009

Tähtaeg 29.11.2009

Aerospace series - Nuts, anchor, self-locking, fixed, 60° corner, with counterbore, in alloy steel, cadmium plated, MoS2 lubricated - Classification: 1 100 MPa (at ambient temperature) / 235 °C

This standard specifies the characteristics of 60° corner, counterbore fixed anchor nuts, with a self-locking feature achieved by forming the upper portion out-of-round, in alloy steel, cadmium plated, MoS2 lubricated. Classification: 1 100 MPa 1) / 235 °C 2)

Keel en

FprEN 3763

Identne FprEN 3763:2009

Tähtaeg 29.11.2009

Aerospace series - Nuts, hexagonal, self-locking, ball seat, in heat resisting steel, MoS2 lubricated - Classification: 900 MPa (at ambient temperature) / 315 °C

This European Standard specifies the characteristics of self-locking hexagonal nuts with ball seat in heat resisting steel, MoS2 lubricated. Classification: 900 MPa 1) / 315 °C 2) They are intended to be used with washers to EN 3764 or suitable parts, see Annex A.

Keel en

FprEN 3834

Identne FprEN 3834:2009

Tähtaeg 29.11.2009

Aerospace series - Nuts, anchor, self-locking, floating, two lug, incremental counterbore, in corrosion resisting steel, MoS2 lubricated - Classification: 900 MPa (at ambient temperature) / 315 °C

This standard specifies the characteristics of self-locking, floating, two lug anchor nuts, with incremental counterbore, in corrosion resisting steel, MoS2 lubricated. Classification: 900 MPa 1) / 315 °C 2)

Keel en

FprEN 4125

Identne FprEN 4125:2009

Tähtaeg 29.11.2009

Aerospace series - Nuts, anchor, self-locking, fixed, two lug, reduced series, with incremental counterbore, in heat resisting steel, MoS2 lubricated - Classification: 900 MPa (at ambient temperature) / 315 °C

This standard specifies the characteristics of self-locking two lug, reduced series, incremental counterbored fixed anchor nuts, in heat resisting steel, MoS2 lubricated. Classification: 900 MPa 1) / 315 °C 2)

Keel en

FprEN 4126

Identne FprEN 4126:2009

Tähtaeg 29.11.2009

Aerospace series — Nuts, anchor, self-locking, floating, two lug, reduced series, with incremental counterbore, in heat resisting steel, MoS2 lubricated — Classification: 900 MPa (at ambient temperature) / 315 °C

This standard specifies the characteristics of miniature self-locking two lug, reduced series, incremental counterbored floating anchor nuts, in heat resisting steel, MoS2 lubricated. Classification: 900 MPa 1) / 315 °C 2)

Keel en

53 TÖSTE- JA TEISALDUS-SEADMED**EN 14658:2005/FprA1**

Identne EN 14658:2005/FprA1:2009

Tähtaeg 29.11.2009

Pidevtoimega teiselaldusseadmed ja süsteemid. Pealmaa-pruunsöekaevetöödel kasutatavate pidevtoimega seadmete üldised ohutusnõuded

This European Standard applies to mechanical continuous handling equipment used in opencast lignite mines and the particular mechanical continuous handling equipment used: - to convey lignite or overburden from opencast mines; - to convey residuals and tailings from lignite processing to opencast mines; - to convey lignite, overburden or lignite treatment processing residuals and tailings from one opencast mine to another.

Keel en

prEN 15830

Identne prEN 15830:2009

Tähtaeg 29.11.2009

Muutuva tõsteulatusega autolaadurid pinnaseteedele. Vaateväli. Katsemeetodid ja tõendamine

This standard applies to rough-terrain variable reach trucks (herein-after referred to as "trucks") as defined in 3.1.2 that have a specific seated operator's position, on the left hand side of the boom, or centre position (excluding operator position on the right side of the boom). This standard specifies a static test method for determining and evaluating the operator's visibility on a rectangular 1 m boundary close around the rough-terrain variable reach truck and on a 12 m visibility test circle. This standard does not apply to rough-terrain variable reach trucks designed to handle freight containers (rough-terrain reach stackers). It applies to trucks for operation on work sites and for travelling on public roads. Note: national road regulation may apply for travelling on public roads

Keel en

59 TEKSTIILI- JA NAHATEHNOLOOGIA**prEN ISO 10773**

Identne prEN ISO 10773:2009

ja identne ISO/DIS 10773:2009

Tähtaeg 29.11.2009

Geosynthetic clay barriers - Determination of permeability to gases

This Standard specifies a method for measuring gas flow through a geosynthetic clay barrier. As geosynthetic clay barriers are used to contain gases in long-term applications, this test especially focuses on the steady state of the phenomenon. The test is conducted with Nitrogen e.g. N₂ ($\mu = 1.75 \times 10^{-5}$ Pa.s, $\rho = 1.15$ kg/m³ at 20°C). The test method and described apparatus allows the measurement of gas flows in the range 0.1ml/min to 5l/min on specimens with moisture contents in the range of 90% to 130%.

Keel en

65 PÖLLUMAJANDUS**EN 1374:2000/FprA1**

Identne EN 1374:2000/FprA1:2009

Tähtaeg 29.11.2009

Põllumajandusmasinad. Ümmarguste silotorvide statsionaarsed silo mahalaadismiseadmed . Ohutus

This European Standard specifies safety requirements for design and construction of unloaders mounted in stationary round silos for the removal of the silage and similar materials. It applies to electrically powered, slowly rotating unloaders which operate on top surface of the stored silage surface.

Keel en

FprEN 15705

Identne FprEN 15705:2009

Tähtaeg 29.11.2009

Väetised. Karbamiidikondensaatide määramine kõrgefektiivse vedelikkromatograafiaga (HPLC). Isobutüülideen-karbamiid (meetod A) ja metüleen-karbamiidi oligomeerid (meetod B)

This European Standard specifies methods for the determination of isobutylidenediurea (IBDU), crotonylidenediurea (CDU) (method A) and methylene-urea oligomers (MU) (method B) in fertilizers using high-performance liquid chromatography (HPLC). The method is applicable to all fertilizers which do not contain interfering organic compounds.

Keel en

Asendab CEN/TS 15705:2009

FprEN ISO 9261

Identne FprEN ISO 9261:2009

ja identne ISO 9261:2004

Tähtaeg 29.11.2009

Agricultural irrigation equipment - Emitters and emitting pipe - Specification and test methods

This International Standard gives mechanical and functional requirements for agricultural irrigation emitters and emitting pipes, and, where applicable, their fittings, and provides methods for testing conformity with such requirements. It also specifies the data to be supplied by the manufacturer to permit correct information, installation and operation in the field. It is applicable to emitters, emitting and dripping (trickling) pipes, hoses, including collapsible hoses ("tapes") and tubing of which the emitting units form an integral part, to emitters and emitting units with or without pressure regulation and with flow rates not exceeding 24 l/h per outlet (except during flushing), and to fittings dedicated to the connection of emitting pipes, hoses and tubing. It is not applicable to porous pipe (pipe that is porous along its entire length), nor does it cover the performance of pipes as regards clogging.

Keel en

67 TOIDUAINETE TEHNOLOOGIA**FprEN ISO 3093**

Identne FprEN ISO 3093:2009

ja identne ISO/FDIS 3093:2009

Tähtaeg 29.11.2009

Nisu, rukis ja nimetatud teravilhast valmistatud jahu, durumnisu ja durumnisust valmistatud manna. Langemisarvu määramine Hagberg-Perten meetodil

This International Standard specifies the determination of the α -amylase activity of cereals by the falling number (FN) method according to Hagberg-Perten. This method is applicable to cereal grains, in particular to wheat and rye and their flours, durum wheat and its semolina. For the purposes of this International Standard, the term "flour" includes semolina and ground grain (wholemeal), the particle sizes of which are defined. This method is not applicable to the determination of low levels of α -amylase activity. By converting the FN into a liquefaction number (LN), it is possible to use this method to estimate the composition of mixtures of grain, flour or semolina with known FNs necessary to produce a sample of a required FN.

Keel en

Asendab EVS-EN ISO 3093:2007; EVS-EN ISO 3093:2007/AC:2009

prEN 14103

Identne prEN 14103:2009

Tähtaeg 29.11.2009

Rasva ja õli derivaadid. Rasvhapete metüülestrid. Estri ja linoleenhape metüülestri sisalduse määramine

The purpose of this document is to describe a procedure for the determination of the ester content in fatty acid methyl esters (FAME) intended for incorporation into diesel oil. It also allows determining the linolenic acid methyl ester content. This method is suitable for FAME which contains methyl esters between C6 and C24. **WARNING** — The use of this method may involve hazardous equipment, materials and operations. This method does not purport to address to all of the safety problems associated with its use, but it is the responsibility of the user to search and establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 14103:2003

prEN 14105

Identne prEN 14105:2009

Tähtaeg 29.11.2009

Fat and oil derivatives - Fatty Acid Methyl Esters (FAME) - Determination of free and total glycerol and mono-, di-, triglyceride contents; Reference method

The purpose of this European Standard is to determine the free glycerol and residual mono-, di- and triglyceride contents in fatty acid methyl esters (FAME) intended for addition to mineral oils. The total glycerol content is then calculated from the obtained results. Under the conditions described, the detection limits are 0,001 % (m/m) for free glycerol, 0,10 % (m/m) for all glycerides (mono-, di- and tri-). This method is suitable for FAME prepared from rapeseed, sunflower, soybean, palm, animal oils and fats and mixture of them. It is not suitable for FAME produced from or containing coconut and palm kernel oils derivatives because of overlapping of different glyceride peaks.

Keel en

Asendab EVS-EN 14105:2003

71 KEEMILINE TEHNOLOOGIA**FprEN 1278**

Identne FprEN 1278:2009

Tähtaeg 29.11.2009

Chemicals used for treatment of water intended for human consumption - Ozone

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

Keel en

Asendab EVS-EN 1278:2001

FprEN 13177

Identne FprEN 13177:2009

Tähtaeg 29.11.2009

Chemicals used for treatment of water intended for human consumption - Methanol

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

Keel en

Asendab EVS-EN 13177:2003

prEN 15376

Identne EN 15376:2009

Tähtaeg 29.11.2009

Mootorikütused. Etanool mootoribensiini segukomponendina. Nõuded ja katsemeetodid

Käesolev standard sätestab nõuded ja katsemeetodid turustatavale ja tarnitavale bensiinimootoriga ottomootoriga sõidukite mootorbensiini segukomponentidena kasutatavale etanoolile vastavalt standardi EN 228 nõuetele.

Keel en

Asendab EN 15376:2008+A1

73 MÄENDUS JA MAAVARAD**EN 1804-1:2002/FprA1**

Identne EN 1804-1:2001/FprA1:2009

Tähtaeg 29.11.2009

Maa-aluste kaevanduste masinad. Hüdroenergial töötavate katusetugede ohutusnõuded. Osa 1: Tugiüksused ja üldnõuded

This standard specifies the safety requirements for support units when used as specified by the manufacturer or his authorised representative. Examples of support units are frame supports, chock supports, shield supports, paired frames and push-pull supports systems including the components of advancing and anchoring devices which provide support functions.

Keel en

EN 1804-2:2002/FprA1

Identne EN 1804-2:2001/FprA1:2009

Tähtaeg 29.11.2009

Maa-aluste kaevanduste masinad. Hüdroenergial töötavate katusetugede ohutusnõuded. Osa 2: Jõuseadme jalad ja rammid

This standard specifies the safety requirements for legs and rams when used as specified by the manufacturer or his representative. Examples covered by the standard include legs, support rams and rams with their mechanical extensions, internal valves and safety devices, seals, hydraulic connections and their lifting points but excluding protective pipes and gaiters, external valves and hydraulic and electrohydraulic control systems.

Keel en

EN 1804-3:2006/FprA1

Identne EN 1804-3:2006/FprA1:2009

Tähtaeg 29.11.2009

Maa-aluste kaevanduste masinad. Hüdroenergial töötavate katusetugede ohutusnõuded. Osa 3: Hüdraulilised juhtsüsteemid

This document specifies the safety requirements for hydraulic control devices, including hydraulic valves and their control elements, valve combinations, control systems, pipes and hose assemblies, fittings, shut-off devices, measuring devices, filters, built-in pressure limiting and check valves in legs and rams and water spraying and dust suppression valves when used as specified by the manufacturer or his authorized representative.

Keel en

75 NAFTA JA NAFTATEHNOLOOGIA**EN 590:2009/FprA1**

Identne EN 590:2009/FprA1:2009

Tähtaeg 29.11.2009

Mootorikütused. Diislikütus. Nõuded ja katsemeetodid

Käesolev Euroopa standard sätestab turustatavale ja tarnitavale diislikütusele esitatavad nõuded ja katsemeetodid. Standard kehtib kütuse kohta, mida kasutatakse diislikütuse jaoks konstrueeritud diiselmootoriga sõidukites. MÄRKUS Käesolevas Euroopa standardis kasutatakse massiosade ja mahuosade eristamiseks vastavalt tähiseid "% (m/m)" ja "% (V/V)".

Keel en

prEN 116

Identne prEN 116:2009

Tähtaeg 29.11.2009

Diislikütused ja kodumajapidamises kasutatavad kütteõlid. Külma filtri ummistumispunkti määramine

This European Standard specifies a method for the determination of the cold filter plugging point (CFPP) of diesel and domestic heating fuels. This European Standard is applicable to distillate fuels, including those containing a flow-improving or other additive, intended for use in diesel engines and domestic heating installations. The results obtained from the method specified in this European Standard are suitable for estimating the lowest temperature at which a fuel will give trouble-free flow in the fuel system.

Keel en

Asendab EVS-EN 116:2000

prEN 228

Identne prEN 228:2009

Tähtaeg 29.11.2009

Mootorikütused. Pliivaba bensiin. Nõuded ja katsemeetodid

Käesolev Euroopa standard sätestab turustatavale ja tarnitavale pliivabale bensiinile esitatavad nõuded ja katsemeetodid. Standard kehtib pliivaba bensiini kohta, mida kasutatakse pliivaba bensiini jaoks konstrueeritud mootoritega sõidukites.

Keel en

Asendab EVS-EN 228:2008

prEN 14214

Identne prEN 14214:2009

Tähtaeg 29.11.2009

Mootorikütused. Rasvhapete metüülestrid (FAME) diiselmootorite jaoks. Nõuded ja katsemeetodid

This European Standard specifies requirements and test methods for marketed and delivered fatty acid methyl esters (hereafter known as FAME) to be used either as automotive fuel for diesel engines at 100 % concentration, or as an extender for automotive fuel for diesel engines in accordance with the requirements of EN 590. At 100 % concentration it is applicable to fuel for use in diesel engine vehicles designed or subsequently adapted to run on 100 % FAME.

Keel en

Asendab EVS-EN 14214:2009

prEN 15376

Identne EN 15376:2009

Tähtaeg 29.11.2009

Mootorikütused. Etanool mootoribensiini segukomponendina. Nõuded ja katsemeetodid

Käesolev standard sätestab nõuded ja katsemeetodid turustatavale ja tarnitavale bensiinimootoriga ottomootoriga sõidukite mootorbensiini segukomponentidena kasutatavale etanoolile vastavalt standardi EN 228 nõuetele.

Keel en

Asendab EN 15376:2008+A1

prEN ISO 3405

Identne prEN ISO 3405:2009

ja identne ISO/DIS 3405:2009

Tähtaeg 29.11.2009

Petroleum products - Determination of distillation characteristics at atmospheric pressure

This International Standard specifies a laboratory method for the determination of the distillation characteristics of light and middle distillates derived from petroleum with initial boiling points above 0 °C and end-points below approximately 400 °C, utilizing either manual or automated equipment. Light distillates are typically; automotive engine petrols, automotive engine petrols with up to 10% (V/V) ethanol, and aviation petrols. Middle distillates are typically; aviation turbine fuels, kerosines, diesel, diesel with up to 20% (V/V) FAME, burner fuels, and marine fuels that have no appreciable quantities of residua.

Keel en

Asendab EVS-EN ISO 3405:2000

prEN ISO 10437

Identne prEN ISO 10437:2009

ja identne ISO/DIS 10437:2009

Tähtaeg 29.11.2009

Petroleum, petrochemical and natural gas industries - Steam turbines - Special-purpose applications

This International Standard specifies the minimum requirements for steam turbines for special purpose applications for use in the petroleum, petrochemical and natural gas industries. These requirements include basic design, materials, fabrication, inspection testing and preparation for shipment. It also covers the related lube-oil systems, instrumentation, control systems and auxiliary equipment. It is not applicable to general-purpose steam turbines, which are covered in API Std 611.

Keel en

Asendab EVS-EN ISO 10437:2004

prEN ISO 19905-1

Identne prEN ISO 19905-1:2009

ja identne ISO/DIS 19905-1:2009

Tähtaeg 29.11.2009

Petroleum and natural gas industries - Site-specific assessment of mobile offshore units - Part 1: Jack-ups

This part of International Standard 19905 specifies requirements and guidance for the site-specific assessment of independent leg jack-up units for use in the petroleum and natural gas industries. It addresses: a) manned non-evacuated, manned-evacuated and unmanned jack-ups; b) the installed phase at a specific site.

Keel en

77 METALLURGIA**EN 13675:2004/FprA1**

Identne EN 13675:2004/FprA1:2009

Tähtaeg 29.11.2009

Seadmete ohutus. Ohutusnõuded torutäite ja vormimise pöörlevatele veskitele ning lõppviimistlusliinidele

This European Standard describes the health and safety requirements of fully automated plant used in the process of tube forming, rolling and finishing (hereafter referred to as "plant"). It describes the foreseeable, significant hazards, hazardous situations, and events arising from plants and from particular machines integrated to form the plant; it does not describe the full health and safety requirements for each particular machine. It indicates preventive measures for avoiding the hazards and reducing the risks. It deals not only with circumstances where the machinery is used as intended, but also includes other conditions foreseen by the manufacturer, such as foreseeable faults, malfunctions or misuse.

Keel en

EN 14681:2006/FprA1

Identne EN 14681:2006/FprA1:2009

Tähtaeg 29.11.2009

Masinate ohutus. Terase elektrikaarahjuga tootmiseks kasutatavate masinate ja seadmete ohutusnõuded

This European Standard specifies the general safety requirements for electric arc furnaces (EAF) to melt steel not containing radioactive material. This European Standard deals with all significant hazards, hazardous situations and events pertinent to EAF, when used as intended and under conditions foreseen by the manufacturer, but also includes foreseeable faults and malfunctions in case of misuse.

Keel en

FprEN 50540

Identne FprEN 50540:2009

Tähtaeg 29.11.2009

Aluminium Conductors Steel Supported (ACSS) for overhead lines

This draft European Standard specifies the electrical and mechanical characteristics of ACSS conductors made of round or formed annealed aluminium wires and steel wires stranded in alternate directions, made of one or a combination of any of the following.

Keel en

prEN ISO 26203-2

Identne prEN ISO 26203-2:2009

ja identne ISO/DIS 26203-2:2009

Tähtaeg 29.11.2009

Metallic materials - Tensile testing method at high strain rates - Part 2: Servo-hydraulic and other test systems

This part of ISO 26203 is valid for the testing of metallic sheet material. The area of application spans a strain rate range from 10-2 to 103 s-1. Tests can be carried out between 10 and 35 °C, unless otherwise specified using a servo-hydraulic type test system.

Keel en

79 PUIDUTEHNOLOOGIA**EN 1912:2005/FprA4**

Identne EN 1912:2004/FprA4:2009

Tähtaeg 29.11.2009

Structural timber - Strength classes - Assignment of visual grades and species

This document lists visual strength grades, species and sources of timber, and specifies the strength classes from EN 338, to which they are assigned.

Keel en

prEN 1870-4

Identne prEN 1870-4:2009

Tähtaeg 29.11.2009

Puidutöötlemismasinate ohutus. Ketassaagimisseadmed. Osa 4: Lintsaagimismasinad

This document deals with all the significant hazards, hazardous situations and events as listed in Clause 4 which are relevant to stationary multi-blade rip sawing machines, 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/light alloy laminates, when they are used as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse see also 6.3.

Keel en

Asendab EN 1870-4:2001+A1

