

Ilmub üks kord kuus alates 1993. aastast

EVS TEATAJA

Uued Eesti standardid

Standardikavandite arvamusküsitlus

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite tõlked kommenteerimisel

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

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HARMONEERITUD STANDARDID

Toote nõuetele vastavuse seaduse kohaselt avaldab Eesti Standardikeskus oma veebilehel ja ametlikus väljaandes teavet harmoneeritud standardeid ülevõtvate Eesti standardite kohta.

Harmoneeritud standardiks nimetatakse EÜ direktiivide kontekstis ja tehnilise normi ja standardi seaduse mõistes Euroopa Komisjoni mandaadi alusel Euroopa standardimisorganisatsioonide poolt koostatud ja vastu võetud standardit.

Harmoneeritud standardite kasutamise korral eeldatakse enamiku vastavate direktiivide mõistes, et standardi kohaselt valmistatud toode täidab direktiivi olulisi nõudeid ning on seetõttu reeglina kõige lihtsam viis tõendada direktiivide oluliste nõuete täitmist. Harmoneeritud standardi täpne tähendus ja õiguslik staatus tuleneb siiski iga direktiivi tekstist eraldi ning võib direktiivist olenevalt erineda.

Lisainfo:

<http://www.newapproach.org/>

<http://ec.europa.eu/enterprise/policies/european-standards/harmonised-standards/>

Eesti Standardikeskus avaldab ametlikus väljaandes harmoneeritud standardeid ülevõtvate Eesti standardite kohta järgmist infot:

- harmoneeritud standardi staatuse saanud Eesti standardid
- harmoneeritud standardi staatuses olevate Eesti standardite kohta avaldatud märkused ja hoiatused, mida tuleb standardite järgimisel arvestada
- harmoneeritud standardi staatuse kaotanud Eesti standardid

Info esitatakse vastavate direktiivide kaupa.

HARMONEERITUD STANDARDEID ÜLEVÕTVAD EESTI STANDARDID

Direktiiv 94/25/EÜ

Väikelaevad

(EL Teataja 2012/C 1/03)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millal Eesti standardi aluseks oleva Euroopa standardi kohta on avaldatud viide EL Teatajas	Viide asendatavale Eesti standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1
EVS-EN ISO 6185-4:2011 Täispuhutavad kummipaadid. Osa 4: 8 m kuni 24 m üldpikkusega ja 15 kW ja suurema maksimaalse nimivõimsusega mootoriga paadid (ISO 6185-4:2011) / <i>Inflatable boats - Part 4: Boats with a hull length of between 8 m and 24 m with a motor power rating of 15 kW and greater (ISO 6185-4:2011)</i>	04.01.2012		
EVS-EN ISO 11591:2011 Väikelaevad, mootoriveoga. Vaateväli rooliratta asukohast (ISO 11591:2011) / <i>Small craft, engine-driven - Field of vision from helm position (ISO 11591:2011)</i>	04.01.2012	EVS-EN ISO 11591:2001 Märkus 2.1	31.03.2012

Märkus 1

Tavaliselt on kuupäevaks, mil asendatava standardi järgimisest tulenev vastavuseeldus kehtivuse kaotab („dow“), Euroopa standardiorganisatsiooni kehtestatud tühistamiskuupäev, kuid kõnealuste standardite kasutajate tähelepanu juhitakse asjaolule, et teatavatel erandjuhtudel võib olla ka teisiti.

Märkus 2.1

Uue (või muudetud) standardi reguleerimisala on samasugune nagu asendataval standardil. Osutatud kuupäeval kaotab kehtivuse asendatava standardi järgimisest tulenev vastavuseeldus direktiivi oluliste nõuetega.

UUED STANDARDID JA KAVANDID ARVAMUSKÜSITLUSEKS

EVS Teataja avaldab andmed uutest vastuvõetud Eesti standarditest ja avalikuks arvamusküsitluseks esitatud standardite kavanditest rahvusvahelise standardite klassifikaatori (ICS) järgi. Samas jaotises on toodud andmed nii eesti keeles avaldatud, kui ka jõustumisteatega Eesti standarditeks ingliskeelsetena vastuvõetud rahvusvahelistest ja Euroopa standarditest.

Eesmärgiga tagada standardite vastuvõtmine järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardite kavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (reeglina 2 kuud) on asjast huvitatuil võimalik tutvuda standardite kavanditega, esitada kommentaare ning teha ettepanekuid parandusteks.

Arvamusküsitlusele on esitatud:

1. Euroopa ja rahvusvahelised standardid ning standardikavandid, mis on kavas vastu võtta Eesti standarditeks jõustumisteatega. Kavandid on kättesaadavad reeglina inglise keeles EVS klienditeeninduses ning standardiosakonnas. EVS tehnilistel komiteedel on võimalik saada koopiaid oma käsitusala kokkulangevatest standardite kavanditest EVS kontaktisiku kaudu.
2. Eesti algupäraste standardite kavandid, mis Eesti standardimisprogrammi järgi on jõudnud arvamusküsitluse etappi.

Arvamusküsitlusel olevate dokumentide loetelus on esitatud järgnev informatsioon standardikavandi või standardi kohta:

- Tähis (eesliide pr Euroopa ja DIS rahvusvahelise kavandi puhul)
- Viide identsele Euroopa või rahvusvahelisele dokumendile
- Arvamusküsitluse lõppkuupäev (arvamuste esitamise tähtaeg)
- Pealkiri
- Käsitusala
- Keelsus (en=inglise; et=eesti)

Kavandite arvamusküsitlusel on eriti oodatud teave kui rahvusvahelist või Euroopa standardit ei peaks vastu võtma Eesti standardiks (vastuolu Eesti õigusaktidega, pole Eestis rakendatav jt põhjustel). Soovitame arvamusküsitlusele pandud standarditega tutvuda igakuiselt kasutades EVS infoteenust või EVS Teatajat. Kui see ei ole võimalik, siis alati viimase kahe kuu nimekirjadega kodulehel ja EVS Teatajas, kuna sellisel juhul saate info kõigist hetkel kommenteerimisel olevatest kavanditest.

Kavanditega tutvumiseks palume saata vastav teade aadressile standardiosakond@evs.ee, kavandeid saab osta klienditeenindusest standard@evs.ee.

Vastavad vormid arvamuse avaldamiseks Euroopa ja rahvusvaheliste standardikavandite ning algupäraste Eesti standardikavandite kohta leiate EVS koduleheküljelt www.evs.ee.

ICS PÕHIRÜHMAD

ICS Nimetus

- 01 Üldküsimumused. Terminoloogia. Standardimine. Dokumentatsioon
- 03 Teenused. Ettevõtte organiseerimine, juhtimine ja kvaliteet. Haldus. Transport. Sotsioloogia
- 07 Matemaatika. Loodusteadused
- 11 Tervisehooldus
- 13 Keskkonna- ja tervisekaitse. Ohutus
- 17 Metroloogia ja mõõtmine. Füüsilised nähtused
- 19 Katsetamine
- 21 Üldkasutatavad masinad ja nende osad
- 23 Üldkasutatavad hüdro- ja pneumosüsteemid ja nende osad
- 25 Tootmistehnoloogia
- 27 Elektri- ja soojusenergeetika
- 29 Elektrotehnika
- 31 Elektroonika
- 33 Sidetehnika
- 35 Infotehnoloogia. Kontoriseadmed
- 37 Visuaaltehnika
- 39 Täppismehaanika. Juvelitooted
- 43 Maanteesõidukite ehitus
- 45 Raudteetehnika
- 47 Laevaehitus ja mereehitised
- 49 Lennundus ja kosmosetehnika
- 53 Tõste- ja teisaldusseadmed
- 55 Pakendamine ja kaupade jaotussüsteemid
- 59 Tekstiili- ja nahatehnoloogia
- 61 Rõivatööstus
- 65 Põllumajandus
- 67 Toiduainete tehnoloogia
- 71 Keemiline tehnoloogia
- 73 Mäendus ja maavarad
- 75 Nafta ja naftatehnoloogia
- 77 Metallurgia
- 79 Puidutehnoloogia
- 81 Klaasi- ja keraamikatööstus
- 83 Kummi- ja plastitööstus
- 85 Paberitehnoloogia
- 87 Värvide ja värvainete tööstus
- 91 Ehitusmaterjalid ja ehitus
- 93 Rajatised
- 95 Sõjatehnika
- 97 Olme. Meelelahutus. Sport
- 99 Muud

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 1096-1:2012

Hind 9,91

Identne EN 1096-1:2012

Ehitusklaas. Pinnatud klaas. Osa 1: Määratlused ja liigitus

This European Standard defines the characteristics, properties and classification of coated glass for use in building. Test methods and procedures used to establish durability are in Parts 2 and 3 of this standard. Factory production control and evaluation of conformity, including Annex ZA, are in Part 4 of this standard. Test methods for determination of self cleaning performances of coated glass are in Part 5. This standard applies to coated glass for glazing application for use in normally occupied domestic or commercial premises. This standard is not applicable to: - adhesive backed polymeric films on glass (prEN 15755-1); - mirrors made from silvered float glass (EN 1036-1); - enamelled glass (EN 12150-1, EN 1863-1, 14179-1). - Painted glass (standard in development)

Keel en

Asendab EVS-EN 1096-1:2002

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 1096-1:2002

Identne EN 1096-1:1998

Ehitusklaas. Pinnatud klaas. Osa 1: Määratlused ja liigitus

Käesolev standard määratleb ehituses kasutatava pinnatud klaasi näitajad, omadused ja liigituse. Vastupidavuse määramiseks rakendatavad katsemeetodid ja -moodused on esitatud selle standardi teises ja kolmandas osas. Käesolev standard kehtib tavatingimustes käitatavate olme- ja ärihoonete klaasimiseks kasutatava pinnatud klaasi kohta. Käesolev standard ei kehti järgmiste materjalide kohta: plastkiled klaasil, peeglid ja emailklaas.

Keel et

Asendatud EVS-EN 1096-1:2012

EVS-EN ISO 11593:1999

Identne EN ISO 11593:1997

ja identne ISO 11593:1996

Manipuleerivad tööstusrobotid. Tööorganite automaatvahetuse süsteemid. Sõnastik ja tunnusomaduste esitus

Standard määratleb terminid, mis seonduvad tootmiskeskkonnas kasutatavate manipuleerivate tööstusrobotite tööorganite automaatvahetuse süsteemidega. Terminid on esitatud nende tähise, ühiku, määratluse ja nimetusega. Määratlus sisaldab kohaldatavaid viiteid olemasolevatele standarditele.

Keel en

EVS-EN ISO 14539:2002

Identne EN ISO 14539:2001

ja identne ISO 14539:2000

Manipulating industrial robots - Object handling with grasp-type grippers - Vocabulary and presentation of characteristics

This standard focuses on the functionalities of end effectors and concentrates on grasptype grippers as defined in 4.1.2.1. This standard provides terms to describe object handling and terms of functions, structures, and elements of grasp-type grippers.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

FprEN ISO 7010

Identne FprEN ISO 7010:2011

ja identne ISO 7010:2011

Tähtaeg 31.03.2012

Graphical symbols - Safety colours and safety signs - Registered safety signs (ISO 7010:2011)

This International Standard prescribes safety signs for the purposes of accident prevention, fire protection, health hazard information and emergency evacuation. The shape and colour of each safety sign are according to ISO 3864-1 and the design of the graphical symbols is according to ISO 3864-3. This International Standard is applicable to all locations where safety issues related to people need to be addressed. However, it is not applicable to the signalling used for guiding rail, road, river, maritime and air traffic and, in general, to those sectors subject to a regulation which may differ with regard to certain points of this International Standard and of the ISO 3864 series. This International Standard specifies the safety sign originals that may be scaled for reproduction and application purposes.

Keel en

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

UUED STANDARDID JA PUBLIKATSIOONID

CWA 16385:2012

Hind 14,64

Identne CWA 16385:2012

Interoperability of Registries

Typically, a federation of repositories consists of a number of participating Learning Object Repositories. The locations of those repositories and the description of the protocols they support for exposing their learning resources to the federation are maintained and managed at the federation level. This can either be managed: - By tools such as harvesters or federated search engines that connect the repositories to the federation, or - In a separate registry that manages this information for all the repositories on behalf of these tools. These registries are generally not available outside of the individual federation in which they operate. The obvious problem is that this leads to a duplication of effort because repository descriptions must be entered in the registry of each federation where they are a member. As the result, there are difficulties to keep the information up-to-date across all the registry instances in all the federations. For example, if the Open Learn (OU-UK) repository changes the location of their OAI-PMH target, the location should be changed in the registries of ARIADNE, ASPECT, ICOPER, etc.

Keel en

EVS 914:2012

Hind 17,32

Koristuse kvaliteedi kokku leppimine ja hindamine

Standard kirjeldab koristus- ja puhastustööde kvaliteedi kindlakstegemise ning hindamise süsteemi. See põhineb standardis EN 13549:2001 sätestatud üldistel põhimõtetel.

Standard kirjeldab kahte peamist kontrollimise põhimõtet: visuaalne kontrollimine (jaotis 4) ja mõõtevahendite abil kontrollimine (lisa D). Olenevalt olukorrast võib olla eelistatav kasutada esimest, teist või mõlemat põhimõtet korraga.

Mõõtevahendeid võib rakendada täiendava meetodina eriruumides, mida kasutatakse nt elektroonika, ravimite või toiduainete tootmiseks, kus asuvad laboratooriumid vms ning kus teenuse tellijad esitavad seetõttu erilisi kvaliteedinõudeid või kus on seadusega kehtestatud kohustuslikud erinõuded.

Siseruumide õhukvaliteeti mõjutab eriti tugevasti tolm. Rahuldava õhukvaliteedi saavutamiseks siseruumides võib olla vaja kehtestada tolmu suhtes erinõuded. Selleks kasutatakse tolmususe mõõtmist. Teenuse tellijad võivad nõuda tolmususe mõõtmisi eraldiseisvalt nagu kirjeldatud lisa D.1, või visuaalse kontrolli täiendusena. Kliendid peavad määrama, millal mõõtmisi tuleb teha ja milline on rahuldav tolmususe tase tabeli D.1 kohaselt.

Standardis toodud süsteemi saab rakendada erinevatel viisidel:

- koristustööde kvaliteedi kontrollimiseks;
- mustusastme ja/või taasmäärdumise astme hindamiseks;
- nõutavate tulemuste määramiseks koristusteenuste läbiviimisel, tellimisel, pakkumisel ja/või hangete korraldamisel (vt standardit INSTA 810 või EVS 807:2010);
- hindamaks, milline puhastustegevus on vajalik, et saavutada etteantud kvaliteeditaset;
- koristustegevusega saavutatud kvaliteedi kindlakstegemiseks.

Standard kirjeldab ainult mõõtmisüsteemi rakendamist nõutava kvaliteedi määramiseks ning koristus- ja puhastustööde kvaliteedi kontrollimiseks.

Standard on kasutatav kõigi hoonete ja ruumide tüüpide jaoks, nt mis tahes ruumid kontorihoonetes, haiglates, koolides, lasteaedades, kaubanduskeskustes, poodides, tsehhides, laevadel, bussides, rongides, lennukites, hotellides ja restoranides, olenemata koristamise meetoditest, sagedusest ja süsteemist. Standard kirjeldab vahetult pärast koristuse lõppu saavutatud tulemusi.

MÄRKUS Standard ei hõlma koristusega seotud teenuste osutamise hindamist ja kontrolli, nagu tualett-tarvikutega varustamine, paberikorvide tühjendamine, ümbertöödeldavate materjalide käitlemine vms. Kui selliste tööde teostamine on nõutav, siis tuleb see koristuslepingus eraldi ära märkida, sätestades ka selliste teenuste kvaliteedi hindamise süsteemi.

Keel et

ASENDATUD VÕI TÜHISTATUD STANDARDID

CEN/TS 14818:2004

Identne CEN/TS 14818:2004

Enterprise integration - Decisional reference model

This document gives guidelines for enterprise integration by using concepts and rules for modelling enterprise-wide decision-making structures, focusing on the production of management and control systems. This document does not deal with standard decision processes, or how each individual decision is taken, but defines an integrated decision-making structure within which decisions are consistently made system-wide.

Keel en

CWA 15455:2005

Identne CWA 15455:2005

A European Model for Learner Competencies

The scope of this work is the development of data models, protocols and bindings that are capable of dealing with specific European requirements and concerns for expressing competencies, which guarantee the secure handling of personal information in open and distributed learning environments.

Keel en

07 MATEMAATIKA. LOODUSTEADUSED

UUED STANDARDID JA PUBLIKATSIOONID

CWA 16393:2012

Hind 18,85

Identne CWA 16393:2012

Laboratory biorisk management - Guidelines for the implementation of CWA 15793:2008

For the purposes of this document, the scope given in the CWA 15793:2008 Laboratory biorisk management standard, applies to this guidance document.

Keel en

11 TERVISEHOOLDUS

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN ISO 5360:2012

Hind 11,38

Identne EN ISO 5360:2012

ja identne ISO 5360:2012

Anesteetikumiaurustid. Toimeainespetsiifilised täitesüsteemid (ISO 5360:2012)

This International Standard specifies requirements, including dimensions, for agent-specific filling systems for agent-specific anaesthetic vaporizers. This International Standard does not specify construction materials. NOTE 1 For recommendations on materials, see Annex A. Because of the unique properties of desflurane, dimensions for this agent have not been specified in this International Standard. NOTE 2 Designs of connection systems, which only permit engagement of the agent-specific bottle adaptor to the bottle when the bottle collar is in place, are encouraged.

Keel en

Asendab EVS-EN ISO 5360:2009

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN ISO 5360:2009

Identne EN ISO 5360:2009

ja identne ISO 5360:2006

Anesteetikumiaurustid. Toimeainespetsiifilised täitesüsteemid

This International Standard specifies the dimensions of agent-specific filling systems for agent-specific anaesthetic vaporizers. This International Standard does not specify construction materials. Materials used for the parts of filling systems which come into contact with liquid anaesthetic agent should be selected with regard to: a) toxicity; b) compatibility with anaesthetic agents; c) minimization of health risks due to substances leached from the materials. Because of the unique properties of desflurane, dimensions for this agent have not been specified in this International Standard.

Keel en

Asendab EVS-EN ISO 5360:2008

Asendatud EVS-EN ISO 5360:2012

KAVANDITE ARVAMUSKÜSITLUS

EN 80601-2-30:2010/FprA1

Identne EN 80601-2-30:2010/FprA1:2012

ja identne IEC 80601-2-30:2009/A1:201X

Tähtaeg 31.03.2012

Elektrilised meditsiiniseadmed. Osa 2-30: Erinõuded automatiseeritud mitteinvasiivsete sfügmomanomeetrite esmasele ohutusele ja olulistele toimimisnäitajatele

This International Standard applies to the basic safety and essential performance of automated sphygmomanometers, hereafter referred to as ME equipment, which by means of an inflatable CUFF, are used for intermittent indirect measurement of the blood pressure without arterial puncture.

Keel en

EN ISO 7405:2009/prA1

Identne EN ISO 7405:2008/prA1:2012

ja identne ISO 7405:2008/DAM 1:2012

Tähtaeg 31.03.2012

Dentistry - Evaluation of biocompatibility of medical devices used in dentistry - Amendment 1 (ISO 7405:2008/DAM 1:2012)

This International Standard specifies test methods for the evaluation of biological effects of medical devices used in dentistry. It includes testing of pharmacological agents that are an integral part of the device under test. This International Standard does not cover testing of materials and devices that do not come into direct or indirect contact with the patient's body.

Keel en

EN ISO 8536-4:2010/prA1

Identne EN ISO 8536-4:2010/prA1:2011

ja identne ISO 8536-4:2010/DAM 1:2011

Tähtaeg 31.03.2012

Meditiinilised infusiooniseadmed. Osa 4: Ühekordsed isevooluga infusioonikomplektid (ISO 8536-4:2010/DAM 1:2011)

This part of ISO 8536 specifies requirements for single use, gravity feed infusion sets for medical use in order to ensure their compatibility with containers for infusion solutions and intravenous equipment. Secondary aims of this part of ISO 8536 are to provide guidance on specifications relating to the quality and performance of materials used in infusion sets and to present designations for infusion set components. In some countries, the national pharmacopoeia or other national regulations are legally binding and take precedence over this part of ISO 8536.

Keel en

FprEN 60601-1-12

Identne FprEN 60601-1-12:2012

ja identne IEC 60601-1-12:201X

Tähtaeg 31.03.2012

Medical electrical equipment - Part 1-12: General requirements for basic safety and essential performance - Collateral standard: Requirements for medical electrical equipment and medical electrical systems intended for use in the emergency medical services environment

This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS, hereafter referred to as ME EQUIPMENT and ME SYSTEMS, which are intended by their MANUFACTURER for use in the EMS ENVIRONMENT (EMERGENCY MEDICAL SERVICES ENVIRONMENT), as defined in 3.1. NOTE 1 For the purposes of this standard, the intent of the MANUFACTURER is indicated in the instructions for use. NOTE 2 EMS ENVIRONMENT ME EQUIPMENT and ME SYSTEMS can also be intended for use in other environments, for example, in a professional healthcare facility. This International Standard does not apply to ME EQUIPMENT and ME SYSTEMS intended solely for use in the HOME HEALTHCARE ENVIRONMENT covered by IEC 60601-1-11 or solely for use in professional healthcare facilities covered by IEC 60601-1. NOTE 3 EMS ENVIRONMENT ME EQUIPMENT and ME SYSTEMS can be used in locations with unreliable electrical sources and outdoor environmental conditions.

Keel en

FprEN 60601-2-16

Identne FprEN 60601-2-16:2011

ja identne IEC 60601-2-16:201X

Tähtaeg 31.03.2012

Medical electrical equipment - Part 2-16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment

This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of HAEMODIALYSIS, HAEMODIAFILTRATION and HAEMOFILTRATION EQUIPMENT, hereafter referred to as HAEMODIALYSIS EQUIPMENT. This International Standard does not take into consideration the DIALYSIS FLUID control system of HAEMODIALYSIS EQUIPMENT using regeneration of DIALYSIS FLUID and CENTRAL DELIVERY SYSTEMS. It does however take into consideration the specific safety requirements of such HAEMODIALYSIS EQUIPMENT concerning electrical safety and PATIENT safety. This International Standard specifies the minimum safety requirements for HAEMODIALYSIS EQUIPMENT. These devices are intended for use either by medical staff or for use by the PATIENT or other trained personnel under the supervision of medical expertise. This International Standard includes all ME EQUIPMENT that is intended to deliver a HAEMODIALYSIS, HAEMODIAFILTRATION and HAEMOFILTRATION treatment to a PATIENT suffering from kidney failure. The particular requirements in this International standard do not apply to: - EXTRACORPOREAL CIRCUITS; - DIALYSERS; - DIALYSIS FLUID CONCENTRATES; - water treatment equipment; - equipment used to perform PERITONEAL DIALYSIS (see IEC 60601-2-39).

Keel en

Asendab FprEN 60601-2-16 V1; FprEN 60601-2-16:2008 V1/FprA1

FprEN 60601-2-62

Identne FprEN 60601-2-62:2011

ja identne IEC 60601-2-62:201X

Tähtaeg 31.03.2012

Medical electrical equipment - Part 2-62: Particular requirements for basic safety and essential performance of high intensity therapeutic ultrasound (HITU) systems

This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of HIGH INTENSITY THERAPEUTIC ULTRASOUND EQUIPMENT as defined in 201.3.219, hereafter referred to as ME EQUIPMENT. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this standard are not covered by specific requirements in this standard except in 7.2.13 and 8.4.1 of the general standard. NOTE 1 See also 4.2 of the General Standard. NOTE 2 See Annex AA for a few examples of equipment for which this standard should be used. This Particular Standard does not apply to: - ULTRASOUND EQUIPMENT intended to be used for physiotherapy (use: IEC 60601-2-5 [1] and - IEC 61689) - ULTRASOUND EQUIPMENT intended to be used for lithotripsy (use: IEC 60601-2-36 [2]) - ULTRASOUND EQUIPMENT intended to be used for general pain relief (see also Annex AA)

Keel en

prEN 16372

Identne prEN 16372:2011

Tähtaeg 31.03.2012

Aesthetic surgery services

This European Standard addresses the requirements for clinical aesthetic practice: This covers both surgical and non-surgical medical services to patients to change physical appearance. This European Standard provides recommendations for procedures for clinical treatment, including the ethical framework and general principles according to which clinical services are provided by all aesthetic practitioners. These recommendations apply before, during and after the procedure. Dentistry¹⁾ procedures are excluded from the scope of this European Standard. Aesthetic non-medical procedures (e.g. tattoos, piercing) provided by non physicians (e.g. beauticians, masseurs, hairdressers) in non-medical facilities (such as spas, salons) are excluded from the scope of this European Standard.

Keel en

prEN ISO 80601-2-67

Identne prEN ISO 80601-2-67:2012

ja identne ISO/DIS 80601-2-67:2012

Tähtaeg 31.03.2012

Medical electrical equipment - Part 2-67: Particular requirements for basic safety and essential performance of oxygen-conserving equipment (ISO/DIS 80601-2-67:2012)

This International Standard is applicable to the BASIC SAFETY and ESSENTIAL PERFORMANCE of oxygen CONSERVING EQUIPMENT, hereafter referred to as ME EQUIPMENT, in combination with its ACCESSORIES intended to conserve oxygen by delivering supplemental oxygen intermittently and synchronized to the PATIENT'S inspiratory flow, when used in the HOME HEALTHCARE ENVIRONMENT. Oxygen CONSERVING EQUIPMENT is typically used by a LAY OPERATOR.

Keel en

Asendab EVS-EN ISO 18779:2005

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 16303-1:2012

Hind 5,88

Identne CEN/TR 16303-1:2012

Road restraint systems - Guidelines for computational mechanics of crash testing against vehicle restraint system - Part 1: Common reference information and reporting

The focus of this Technical Report will be on establishing accuracy, credibility and confidence in the results of crash test simulations to roadside safety devices through the definition of procedures for verification and validation in roadside safety application. This part gives a general introduction and describe the organisation of this document.

Keel en

CEN/TR 16303-2:2012

Hind 12,65

Identne CEN/TR 16303-2:2012

Road restraint systems - Guidelines for computational mechanics of crash testing against vehicle restraint system - Part 2: Vehicle Modelling and Verification

The aim of this Technical Report is to provide a step-by-step description of the development process of a reliable vehicle model for the simulations of full-scale crash tests giving the reader a first synthetic summary of problems encountered in the different steps of the vehicle modelling process.

Keel en

CEN/TR 16303-3:2012

Hind 9,91

Identne CEN/TR 16303-3:2012

Road restraint systems - Guidelines for computational mechanics of crash testing against vehicle restraint system - Part 3: Test Item Modelling and Verification

The aim of this Technical Report is to provide a step-by-step description of the development process of a reliable VRS model for the simulations of full-scale crash tests.

Keel en

CEN/TR 16303-4:2012

Hind 8,63

Identne CEN/TR 16303-4:2012

Road restraint systems - Guidelines for computational mechanics of crash testing against vehicle restraint system - Part 4: Validation Procedures

The aim of this part is to provide a methodology for the validation of the simulation performed to demonstrate compliance with the essential requirements for CE marking. The use of computational mechanics in the approval process for CE market of a test item is defined and regulated within EN 1317.

Keel en

CEN/TS 1187:2012

Hind 16,36

Identne CEN/TS 1187:2012

Test methods for external fire exposure to roofs

This Technical Specification specifies four methods for determining the performance of roofs to external fire exposure. The four methods assess the performance of roofs under the following conditions: a) test 1 - with burning brands; b) test 2 - with burning brands and wind; c) test 3 - with burning brands, wind and supplementary radiant heat; d) test 4 - with two stages incorporating burning brands, wind and supplementary radiant heat.

The tests assess the fire spread across the external surface of the roof, the fire spread within the roof (tests 1, 2 and 3), the fire penetration (tests 1, 3 and 4) and the production of flaming droplets or debris falling from the underside of the roof or from the exposed surface (tests 1, 3 and 4). Tests 2 and 3 are not applicable to geometrically irregular roofs or roof mounted appliances, e.g. ventilators and roof lights.

Keel en

Asendab EVS-ENV 1187:2006; EVS-ENV 1187:2006/A1:2006

EVS-EN 15725:2010/AC:2012

Hind 0

Identne EN 15725:2010/AC:2012

Extended application reports on the fire performance of construction products and building elements

Keel en

EVS-EN 50132-5-1:2012

Hind 17,32

Identne EN 50132-5-1:2011

Alarm systems - CCTV surveillance systems for use in security applications - Part 5-1: Video transmission - General video transmission performance requirements

This European Standard introduces general requirements on video transmission. A detailed specification on analog video transmission over different media including signal and performance requirements is already defined in prEN 50132-5-3. For the growing number of surveillance applications based on IP video transmission the requirements are defined in 2 standards. This standard covers in the following clauses the general requirements for video transmissions on performance, security and conformance to basic IP connectivity, based on available, well-known, international standards. In areas where more detailed IP requirements are necessary additional specifications are given, in order to reach compatibility. In this European Standard no detailed and special CCTV protocols are defined. In Part 2 of this European Standard, a detailed video IP protocol, messages and commands on top of the general connectivity and performance requirements of Part 1 are defined. Part 2 defines an IP protocol for full interoperability (e.g. PTZ control, eventing, etc.) of video transmission devices used in surveillance applications.

Keel en

Asendab EVS-EN 50132-5:2002

EVS-EN 50132-5-2:2012

Hind 38,54

Identne EN 50132-5-2:2011

Alarm systems - CCTV surveillance systems for use in security applications - Part 5-2: IP Video Transmission Protocols

This European Standard introduces an IP network interface for devices in surveillance applications. In this part of the standard a network protocol is specified for the full interoperability of video devices. EN 50132-5-1 specifies the minimum network performance standards and general compliance to existing, well-known international network standards. On top of these basic layers protocols are defined to accomplish the full interoperability of video devices. In surveillance applications IP video devices have to use standardized protocols to accomplish following functionality: video streaming, stream control, event handling, discovery, capability description, device management, PTZ control, auxiliaries and other functions.

Keel en

Asendab EVS-EN 50132-5:2002

EVS-EN 50136-1:2012

Hind 12,65

Identne EN 50136-1:2012

Häiresüsteemid. Häireedastussüsteemid ja -seadmed. Osa1 1: Üldnõuded häireedastussüsteemidele

This European Standard specifies the requirements for the performance, reliability and security characteristics of alarm transmission systems. It specifies the requirements for alarm transmission systems providing alarm transmission between an alarm system at a supervised premises and annunciation equipment at an alarm receiving centre. This European Standard 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 in the context of this standard. The term alarm is used in this broad sense throughout the document. Additional alarm transmission requirements 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; EVS-EN 50136-1-5:2008

EVS-EN 60335-1:2012

Hind 25,18

Identne EN 60335-1:2012

ja identne IEC 60335-1:2010

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

This European Standard deals with the safety of electrical appliances for household environment and commercial purposes, their rated voltage being not more than 250 V for single-phase and 480 V for others. NOTE 1 Battery-operated appliances and other d.c. supplied appliances are within the scope of this standard. NOTE Z1 Examples of appliance for household environment are appliances for typical housekeeping functions used in the household environment that may also be used by non expert users for typical housekeeping functions: - in shops, offices and other similar working environments; - in farm houses; - by clients in hotels, motels and other residential type environments; - in bed and breakfast type environments.

Keel en

Asendab EVS-EN 60335-1:2003; EVS-EN 60335-1:2003/A11:2004; EVS-EN 60335-1:2003/A1:2005; EVS-EN 60335-1:2003/A12:2006; EVS-EN 60335-1:2003/A2:2006; EVS-EN 60335-1:2003/A13:2009; EVS-EN 60335-1:2003/A1:2005/AC:2007; EVS-EN 60335-1:2003/AC:2009; EVS-EN 60335-1:2003/

EVS-EN ISO 13138:2012

Hind 10,61

Identne EN ISO 13138:2012

ja identne ISO 13138:2012

Air quality - Sampling conventions for airborne particle deposition in the human respiratory system (ISO 13138:2012)

This International Standard specifies sampling conventions to define idealized samplers for estimating the deposition of non-volatile, non-hygroscopic, non-fibrous aerosols in five specific loci of the respiratory tract. The five loci consist of the anterior and posterior areas of the nasal passages, the ciliated and non-ciliated parts of the tracheobronchial area, and the alveolar (gas exchange) region. The conventions are separated into three independent sampling efficiencies defined in terms of thermodynamic diameter characterizing the diffusive (Brownian) motion of sub-micrometre particles and four efficiencies in terms of aerodynamic diameter $>0,1 \mu\text{m}$ characterizing deposition by impaction, interception or gravitational settling. Each conventional curve has been developed as an average of 12 deposition curves corresponding to 12 breathing conditions ranging from sitting to heavy exercise, male vs female, and breathing mode (mouth vs nasal breathing).

Keel en

EVS-EN ISO 14065:2012

Hind 12,65

Identne EN ISO 14065:2012

ja identne ISO 14065:2007

Kasvuhoonegaasid. Nõuded kasvuhoonegaaside heitkoguste valideerimis- ja tõendusastutestele, kasutamiseks akrediteerimisel või muul moel tunnustamisel

This International Standard specifies principles and requirements for bodies that undertake validation or verification of greenhouse gas (GHG) assertions. It is GHG programme neutral. If a GHG programme is applicable, the requirements of that GHG programme are additional to the requirements of this International Standard.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 50136-1-2:2002

Identne EN 50136-1-2:1998

Alarm systems - Alarm transmission systems and equipment - Part 1-2: Requirements for systems using dedicated alarm paths

This standard specifies the requirements for alarm transmission systems utilising dedicated alarm transmission paths which are additional to those specified in EN 50136-1-1. The alarm transmission system may utilise wired links (e.g. DC or a modulated signal over a twisted pair cable), voice grade signalling links or data links and may include multiplexers or message processors. The standard is also applicable to alarm transmission systems in which signalling links are shared with other services.

Keel en

Asendatud EVS-EN 50136-1:2012

EVS-EN 50136-1-3:2002

Identne EN 50136-1-3:1998

Alarm systems - Alarm transmission systems and equipment - Part 1-3: Requirements for systems with digital communicators using the public switched telephone network

This standard specifies the requirements for digital communicator systems utilising the Public Switched Telephone Network which are in addition to those specified in EN 50136-1-1. It covers switched connections providing event driven signalling between an alarm system and a remote centre. The information will be transmitted using digitized signals to automatic receiving centre transceivers at remote centres. A facility may be included to provide an audio channel.

Keel en

Asendatud EVS-EN 50136-1:2012

EVS-EN 50136-1-4:2002

Identne EN 50136-1-4:1998

Alarm systems - Alarm transmission systems and equipment - Part 1-4: Requirements for systems with voice communicators using the public switched telephone network

This standard specifies the requirements for voice communicator systems utilising the Public Switched Telephone Network which are in addition to those specified in EN 50136-1-1. It covers switched connections providing event driven signalling between an alarm system and a remote centre. The information will be transmitted by using a stored voice message to one or more responsible persons and/or to an alarm receiving centre successively.

Keel en

Asendatud EVS-EN 50136-1:2012

EVS-EN 50136-1-1:2002

Identne EN 50136-1-1:1998+A1:2001

Häiresüsteemid. Häireedastussüsteemid ja -seadmed. Osa1 1-1: Üldnõuded häireedastussüsteemidele

This standard specifies the general 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 and an alarm receiving centre. EN 50136 shall apply for transmission of all types of alarms; fire, intrusion, access control social alarm etc. Different type of alarm systems may in addition to alarm messages also send other types of messages, e.g. fault messages and status messages.

Keel en

Asendatud EVS-EN 50136-1:2012

EVS-EN 50136-1-1:2002/A2:2008

Identne EN 50136-1-1:1998/A2:2008

Häiresüsteemid. Häireedastussüsteemid ja -seadmed. Osa1 1-1: Üldnõuded häireedastussüsteemidele

This standard specifies the general 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 and an alarm receiving centre. EN 50136 shall apply for transmission of all types of alarms; fire, intrusion, access control social alarm etc. Different type of alarm systems may in addition to alarm messages also send other types of messages, e.g. fault messages and status messages.

Keel en

Asendatud EVS-EN 50136-1:2012

EVS-EN 50136-1-5:2008

Identne EN 50136-1-5:2008

Alarm systems - Alarm transmission systems and equipment -- Part 1-5: Requirements for Packet Switched Network PSN

This European Standard specifies the requirements for alarm transmission systems using Packet Switched Networks (PSN), which are additional to those in EN 50136-1-1:1998. The alarm transmission system using PSN may use wired links, voice grade signalling links, mobile networks, radio or data links and may include ethernet switches, hubs, firewalls, ADSL-routers and DSL-modems. The standard is also applicable to alarm transmission systems in which signalling links are shared with other services within the above descriptions.

Keel en

Asendatud EVS-EN 50136-1:2012

EVS-EN 60335-1:2003

Identne EN 60335-1:2002

ja identne IEC 60335-1:2001

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

Deals with the safety of electrical appliances for household and similar purposes. It deals with the common hazards presented by appliances that are encountered by all persons in and around the home. It also covers appliances used by laymen in shops, in light industry and on farms (such as catering equipment, and industrial and commercial cleaning appliances). The rated voltage of the appliances are not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel en

Asendab EVS-EN 60335-1:2001; EVS-EN 60335-1:2001/AC:2009

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/A12:2006

Identne EN 60335-1:2002/A12:2006

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

Deals with the safety of electrical appliances for household and similar purposes. It deals with the common hazards presented by appliances that are encountered by all persons in and around the home. It also covers appliances used by laymen in shops, in light industry and on farms (such as catering equipment, and industrial and commercial cleaning appliances). The rated voltage of the appliances are not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel en

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/A2:2006

Identne EN 60335-1:2002/A2:2006

ja identne IEC 60335-1:2001/A2:2006 + corrigendum Aug. 2006

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

This standard deals with the safety of electric appliances for household and similar purposes, the rated voltage of the appliances being not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel en

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/A13:2009

Identne EN 60335-1:2002/A13:2008

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

Deals with the safety of electrical appliances for household and similar purposes. It deals with the common hazards presented by appliances that are encountered by all persons in and around the home. It also covers appliances used by laymen in shops, in light industry and on farms (such as catering equipment, and industrial and commercial cleaning appliances). The rated voltage of the appliances are not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel en

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/A1:2005/AC:2007

Identne EN 60335-1:2002/A1:2004/Corr:2007

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

Keel en

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/AC:2009

Identne EN 60335-1:2002/Corr:2009

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

Keel en

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/AC:2010

Identne EVS-EN 60335-1:2003

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

Keel en

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/A14:2010

Identne EN 60335-1:2002/A14:2010

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

This European Standard deals with the safety of electrical appliances and machines for household environment and commercial purpose, their rated voltage being not more than 250 V for single-phase appliances and machines and 480 V for other appliances and machines.

Keel en

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/A1:2005

Identne EN 60335-1:2002/A1:2004

ja identne IEC 60335-1:2001/A1:2004

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

Deals with the safety of electrical appliances for household and similar purposes. It deals with the common hazards presented by appliances that are encountered by all persons in and around the home. It also covers appliances used by laymen in shops, in light industry and on farms (such as catering equipment, and industrial and commercial cleaning appliances). The rated voltage of the appliances are not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel en

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/A11:2004

Identne EN 60335-1:2002/A11:2004

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

Deals with the safety of electrical appliances for household and similar purposes. It deals with the common hazards presented by appliances that are encountered by all persons in and around the home. It also covers appliances used by laymen in shops, in light industry and on farms (such as catering equipment, and industrial and commercial cleaning appliances). The rated voltage of the appliances are not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel en

Asendatud EVS-EN 60335-1:2012

KAVANDITE ARVAMUSKÜSITLUS**EN 60335-1:201X/FprA1 (fragment 7)**

Identne EN 60335-1:201X/FprA1:2011 (fragment 7)

ja identne IEC 60335-1:2010/A1:201X (fragment 7)

Tähtaeg 31.03.2012

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

This International Standard deals with the safety of electrical appliances for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. NOTE 1 Battery-operated appliances and other d.c. supplied appliances are within the scope of this standard. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. NOTE 2 Examples of such appliances are catering equipment, cleaning appliances for commercial use, and appliances for hairdressers. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account - persons (including children) whose - physical, sensory or mental capabilities; or - lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; - children playing with the appliance.

Keel en

EN 60335-1:201X/FprA1 (fragment 8)

Identne EN 60335-1:201X/FprA1:2011 (fragment 8)

ja identne IEC 60335-1:2010/A1:201X (fragment 8)

Tähtaeg 31.03.2012

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

This International Standard deals with the safety of electrical appliances for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. NOTE 1 Battery-operated appliances and other d.c. supplied appliances are within the scope of this standard. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. NOTE 2 Examples of such appliances are catering equipment, cleaning appliances for commercial use, and appliances for hairdressers. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account - persons (including children) whose - physical, sensory or mental capabilities; or - lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; - children playing with the appliance.

Keel en

EN 60335-2-2:2010/FprA1

Identne EN 60335-2-2:2010/FprA1:2011

ja identne IEC 60335-2-2:2009/A1:201X

Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-2: Erinõuded tolmuimejatele ja veeimemis-puhastusseadmetele

This International Standard deals with the safety of electric vacuum cleaners and water-suction cleaning appliances for household and similar purposes, including vacuum cleaners for animal grooming, their rated voltage being not more than 250 V. It also applies to centrally-sited vacuum cleaners and automatic battery-powered cleaners. This standard also applies to motorized cleaning heads and current-carrying hoses associated with a particular vacuum cleaner. Appliances not intended for normal household use, but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops and other premises for normal housekeeping purposes, are within the scope of this standard.

Keel en

EN 60335-2-4:2010/FprA1

Identne EN 60335-2-4:2010/FprA1:2011
ja identne IEC 60335-2-4:2008/A1:201X
Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-4: Erinõuded pöörlevatele tõmbeventilaatoritele**

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

Keel en

EN 60335-2-11:2010/FprA1

Identne EN 60335-2-11:2010/FprA1:2011
ja identne IEC 60335-2-11:2008/A1:201X
Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-11: Erinõuded trummelkuivatitele**

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric tumble dryers intended for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. NOTE 101 This standard applies to the drying function of washing machines having a drying cycle. This standard also deals with the safety of tumble dryers that use a refrigerating system, incorporating sealed motor-compressors, for drying textile material. These appliances may use flammable refrigerants. Additional requirements for these appliances are given in Annex BB. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms are within the scope of this standard.

Keel en

EN 60335-2-14:2006/FprA2

Identne EN 60335-2-14:2006/FprA2:2011
ja identne IEC 60335-2-14:2006/A2:201X
Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-14: Erinõuded köögimasinatele**

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric kitchen machines for household and similar purposes, their rated voltage being not more than 250 V.

Keel en

EN 60335-2-27:201X/FprA1

Identne EN 60335-2-27:201X/FprA1:2011
ja identne IEC 60335-2-27:2009/A1:201X
Tähtaeg 31.03.2012

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 2-27: Erinõuded naha ultraviolett- ja infrapunakiiritusseadmetele

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electrical appliances incorporating emitters for exposing the skin to ultraviolet or infrared radiation, for household and similar use, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used in tanning salons, beauty parlours and similar premises, are also within the scope of this standard. As far as practicable, this standard deals with the common hazards presented by appliances that are encountered by persons using the UV appliances in tanning salons, beauty parlours and similar premises or at home. However, in general, it does not take into account - persons (including children) whose - physical, sensory or mental capabilities; or - lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; - children playing with the appliance.

Keel en

EN 60335-2-30:2010/FprA1

Identne EN 60335-2-30:2009/FprA1:2011
ja identne IEC 60335-2-30:2009/A1:201X
Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-30: Erinõuded ruumikütteseadmetele**

This International Standard deals with the safety of electric room heaters for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. NOTE 101 Examples of appliances that are within the scope of this standard are - convector heaters; - fan heaters; - heaters for use in greenhouses; - liquid-filled radiators; - panel heaters; - radiant heaters; - tubular heaters; - ceiling mounted heat lamp appliances. For extraction fans of ceiling mounted heat lamp appliances, IEC 60335-2-80 is applicable as far as is reasonable.

Keel en

EN 60335-2-102:2006/FprA2

Identne EN 60335-2-102:2006/FprA2:2011
ja identne IEC 60335-2-102:2004/A2:201X
Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-102: Erinõuded elektrilisi ühendusi omavatele gaasi, õli ja tahkkütuse põletamise seadmetele**

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of gas, oil and solid-fuel burning appliances having electrical connections, for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard covers the electrical safety and some other safety aspects of these appliances. All safety aspects are covered when the appliance also complies with the relevant standard for the fuel-burning appliance. If the appliance incorporates electric heating sources, it also has to comply with the relevant part 2 of IEC 60335.

Keel en

EN 62061:2005/FprA1

Identne EN 62061:2005/FprA1:2011
 ja identne IEC 62061:2005/A1:201X
 Tähtaeg 31.03.2012

Masinate ohutus. Ohutusega seotud elektriliste, elektrooniliste ja programmeeritavate elektrooniliste kontrollsüsteemide funktsionaalne ohutus

specifies requirements and makes recommendations for the design, integration and validation of safety-related electrical, electronic and programmable electronic control systems (SRECS) for machines (see Notes 1 and 2). It is applicable to control systems used, either singly or in combination, to carry out safety-related control functions on machines that are not portable by hand while working, including a group of machines working together in a co-ordinated manner.

Keel en

FprEN 1365-1

Identne FprEN 1365-1:2012
 Tähtaeg 31.03.2012

Kandetarindite tulepüsivuse katsed. Osa 1: Seinad

This European Standard specifies a method of testing the fire resistance of load bearing walls. It is applicable to both internal and external walls. The fire resistance of external walls can be determined under internal or external exposure conditions. The fire resistance performance of load bearing walls is normally evaluated without perforations such as doors, glazing or fire resistant ducts. If it can be demonstrated that the design of the opening is such that load is not transmitted to the perforation, then the perforation need not be tested in the loaded condition. If perforations are to be included the effects of these will need to be separately established. This test method is not applicable to non-separating load bearing walls which, in short widths, can be tested as columns to EN 1365-4 This European Standard is used in conjunction with EN 1363-1.

Keel en

Asendab EVS-EN 1365-1:2001

FprEN 15269-2

Identne FprEN 15269-2:2012
 Tähtaeg 31.03.2012

Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware - Part 2: Fire resistance of hinged and pivoted steel doorsets

This European Standard covers single and double leaf, hinged and pivoted, steel based doorsets. It document prescribes the methodology for extending the application of test results obtained from fire resistance test(s) conducted in accordance with EN 1634-1. Subject to the completion of the appropriate test or tests the extended application may cover all or some of the following examples: integrity (E), integrity / radiation (EW) or integrity / insulation (E11 or E12) classification; door leaf; ventilation grilles and / or louveres wall/ceiling fixed elements (frame/suspension system); glazing for door leaf, side, transom and flush over panels; items of building hardware; decorative finishes; intumescent, smoke, draught or acoustic seals; alternative supporting construction(s).

Keel en

FprEN 60335-2-5

Identne FprEN 60335-2-5:2011
 ja identne IEC 60335-2-5:201X
 Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-5: Erinõuded kaubanduslikele nõudepesumasinatele

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric dishwashers for household and similar purposes that are intended for washing and rinsing dishes, cutlery and other utensils, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. Appliances intended for normal household and similar use and that may also be used by laymen in shops, in light industry and on farms, are within the scope of this standard. However, if the appliance is intended to be used professionally for washing and rinsing dishes and cutlery and other utensils that are used for commercial purposes, the appliance is not considered to be for household and similar use only. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account - persons (including children) whose - physical, sensory or mental capabilities; or - lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; - children playing with the appliance.

Keel en

Asendab EVS-EN 60335-2-5:2003; EVS-EN 60335-2-5:2003/A1:2005; EVS-EN 60335-2-5:2003/A2:2008; EVS-EN 60335-2-5:2003/A11:2009

FprEN 60335-2-8

Identne FprEN 60335-2-8:2011
 ja identne IEC 60335-2-8:201X
 Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-8: Erinõuded pardlitele, juukselõikusmasinatele ja muudele taoliste seadmetele

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric shavers, hair clippers and similar appliances intended for household and similar purposes, their rated voltage being not more than 250 V. NOTE 101 Examples of similar appliances are those used for manicure and pedicure. Appliances not intended for normal household use, but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops and on farms, are within the scope of this standard. NOTE 102 Examples of such appliances are animal clippers, animal shearers and appliances for hairdressers. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account - persons (including children) whose - physical, sensory or mental capabilities; or - lack of experience and knowledge - prevents them from using the appliance safely without supervision or instruction; - children playing with the appliance.

Keel en

Asendab EVS-EN 60335-2-8:2003; EVS-EN 60335-2-8:2003/A1:2005; EVS-EN 60335-2-8:2003/A2:2008

FprEN 60335-2-9:2009/FprA1

Identne FprEN 60335-2-9:2009/FprA1:2011
ja identne IEC 60335-2-9:2008/A1:201X
Tähtaeg 31.03.2012

**Majapidamis- ja muud taolised elektriseadmed.
Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja
muudele taolistele seadmetele**

This International Standard deals with the safety of electric portable appliances for household and similar purposes that have a cooking function such as baking, roasting and grilling, their rated voltage being not more than 250 V. NOTE 101 Examples of appliances that are within the scope of this standard are – barbecues for indoor use; – breadmakers; – contact grills (griddles); – cookers; – food dehydrators; – hotplates; – pop-corn makers; – portable ovens; – raclette grills; – radiant grills; – roasters; – rotary grills; – rotisseries; – toasters; – waffle irons;

Keel en

FprEN 60335-2-21

Identne FprEN 60335-2-21:2011
ja identne IEC 60335-2-21:201X
Tähtaeg 31.03.2012

**Majapidamis- ja muud taolised elektriseadmed.
Ohutus. Osa 2-21: Erinõuded salvestus-
veesoojenditele**

This International Standard deals with the safety of electric storage water heaters for household and similar purposes and intended for heating water below boiling temperature, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. This Standard is also applicable to immersion heater units intended to be retrofitted in a heat exchange closed water heater having provision for retrofitting. Such a unit shall comply with the requirements in Annex AA.

Keel en

Asendab EVS-EN 60335-2-21:2003; EVS-EN 60335-2-21:2003/A1:2005; EVS-EN 60335-2-21:2003/A2:2009; EVS-EN 60335-2-21:2003/AC:2010

FprEN 60335-2-31

Identne FprEN 60335-2-31:2011
ja identne IEC 60335-2-31:201X
Tähtaeg 31.03.2012

**Majapidamis- ja muud taolised elektriseadmed.
Ohutus. Osa 2-31: Erinõuded pliitide
äratõmbekuplitele ja muudele toiduvalmistussuitsu
eemaldamise seadmetele**

This International Standard deals with the safety of electric range hoods and other cooking fume extractors intended for installing above, beside, behind or under household cooking ranges, hobs and similar cooking appliances, their rated voltage being not more than 250 V. NOTE 101 The cooking appliance may be supplied by electricity or other fuels, such as gas. Appliances not intended for normal household use but that nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account - persons (including children) whose - physical, sensory or mental capabilities; or - lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; - children playing with the appliance.

Keel en

Asendab EVS-EN 60335-2-31:2003; EVS-EN 60335-2-31:2003/A1:2006; EVS-EN 60335-2-31:2003/A2:2009

FprEN 60335-2-35

Identne FprEN 60335-2-35:2011
ja identne IEC 60335-2-35:201X
Tähtaeg 31.03.2012

**Majapidamis- ja muude taoliste elektriseadmete
ohutus. Osa 2-35: Erinõuded vee kiirkeetjatele**

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric instantaneous water heaters for household and similar purposes and intended for heating water below boiling temperature, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. NOTE 101 Instantaneous water heaters incorporating bare heating elements are within the scope of this standard. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended for use in shops, in light industry and on farms, are within the scope of this standard. As far as is practicable, this standard deals with the common hazards presented by appliances which are encountered by all persons in and around the home. However, in general, it does not take into account - persons (including children) whose - physical, sensory or mental capabilities; or - lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; - children playing with the appliance.

Keel en

Asendab EVS-EN 60335-2-35:2006; EVS-EN 60335-2-35:2006/A1:2007; EVS-EN 60335-2-35:2006/A2:2011

FprEN 60335-2-41

Identne FprEN 60335-2-41:2011
 ja identne IEC 60335-2-41:201X
 Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-41: Erinõuded pumpadele

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric pumps for liquids having a temperature not exceeding 90 °C, intended for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. NOTE 101 Examples of appliances within the scope of this standard are - aquarium pumps; - pumps for garden ponds; - shower-boost pumps; - sludge pumps; - submersible pumps; - table fountain pumps; - vertical wet pit pumps. Appliances not intended for normal household use, but that nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account - persons (including children) whose - physical, sensory or mental capabilities; or - lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; - children playing with the appliance.

Keel en

Asendab EVS-EN 60335-2-41:2003; EVS-EN 60335-2-41:2003/A1:2004; EVS-EN 60335-2-41:2003/A2:2010

FprEN 60839-11-1

Identne FprEN 60839-11-1:2012
 ja identne IEC 60839-11-1:201X
 Tähtaeg 31.03.2012

Alarm systems - Part 11-1: Electronic access control systems - System and components requirements

This standard specifies the minimum functionality, performance requirements and test methods for electronic access control systems and components used for physical access (entry and exit) in and around buildings and protected areas. It does not include requirements for access point actuators and sensors. The design, planning, installation, operation, and maintenance are part of the Application Guidelines in IEC60839-11-2. The risk analysis is not part of this standard and the risk levels are for informational purposes only. This standard is not intended to cover requirements for off premise transmission associated with intrusion or hold up alarm signals. This standard applies to electronic access control systems and components intended to be used in security applications for the granting of access and includes requirements for logging, identification and control of information. The standard comprises the following: - A conceptual model and system architecture - Criteria covering: - Classification based on performance functionalities and capabilities - Access point interface requirements - Indication and Annunciation requirements (display, alert, logging) - Duress signalling and overriding - Recognition requirements - System self-protection requirements - Communication between the component parts of the electronic access control system and with other systems - Requirements for environmental conditions (indoor/outdoor use) and electromagnetic compatibility; - Test methods

Keel en

FprEN 61472

Identne FprEN 61472:2011
 ja identne IEC 61472:201X
 Tähtaeg 31.03.2012

Live working - Minimum approach distances for AC systems in the voltage range 72,5 kV to 800 kV - A method of calculation

This International Standard describes a method for calculating the minimum approach distances for live working, at maximum voltages between 72,5 kV and 800 kV. This standard addresses system overvoltages, and the working air distances or tool insulation between parts and/or workers at different potentials. The required withstand voltage and minimum approach distances calculated by the method described in this standard are evaluated taking into consideration the following: - workers are trained for, and skilled in, working in the live working zone; - the anticipated overvoltages do not exceed the value selected for the determination of the required minimum approach distance; - transient overvoltages are the determining overvoltages; - tool insulation has no continuous film of moisture or measurable contamination present on the surface; - no lightning is seen or heard within 10 km of the work site; - allowance is made for the effect of conducting components of tools; - the effect of altitude, insulators in the gap, etc, on the electric strength is taken into consideration. For conditions other than the above, the evaluation of the minimum approach distances may require specific data, derived by other calculation or obtained from additional laboratory investigations on the actual situation.

Keel en

Asendab EVS-EN 61472:2004

prEN 54-10

Identne prEN 54-10 rev:2012
 Tähtaeg 31.03.2012

Automaatne tulekahjusignalisatsioonisüsteem. Osa 10: Leegidetektorid. Punktdetektorid

This European Standard specifies requirements, test methods and performance criteria for point-type, flame detectors that operate using radiation from a hydrocarbon flame for use in fire detection systems installed in and around buildings. Flame detectors having special characteristics suitable for the detection of specific fire risks are not covered by this standard (although the standard may be used as guidance in assessing such products). The performance requirements for any additional functions are beyond the scope of this standard (e.g. additional features or enhanced functionality for which this standard does not define a test or assessment method).

Keel en

Asendab EVS-EN 54-10:2002; EVS-EN 54-10:2002/A1:2006

prEN 13381-5

Identne prEN 13381-5:2011

Tähtaeg 31.03.2012

Test methods for determining the contribution to the fire resistance of structural members - Part 5: Applied protection to concrete/profiled sheet steel composite members

This European Standard specifies a test method for determining the contribution of fire protection systems to the fire resistance of structural concrete/profiled sheet steel composite members or slabs. The concrete can be lightweight, normal-weight or heavy-weight concrete and of strength classes 20/25 (LC/C/HC) to 50/60 (LC/C/HC). The method is applicable to all fire protection systems used for the protection of such structural composite members or slabs and includes sprayed fire protection, coatings, cladding protection systems and multi-layer or composite fire protection materials. The test method and its assessment procedure are designed to permit direct application of the results to cover a range of thicknesses of the applied fire protection material. The test method is applicable to all fire protection materials used for the protection of concrete/steel composite members or slab and includes sprayed materials, coatings, cladding protection systems and multi-layer or composite fire protection materials, with or without a cavity between the fire protection material and the concrete/steel composite members or slab.

Keel en

prEN 16023

Identne prEN 16023:2012

Tähtaeg 31.03.2012

Characterization of waste - Determination of gross calorific value and calculation of net calorific value

This European Standard specifies a simplified method for the determination of the gross calorific value of waste at constant volume and at the reference temperature of 25 °C in a bomb calorimeter calibrated by combustion of certified benzoic acid. This standard also specifies a simplified calculation of the net calorific value from the gross calorific value. This standard is applicable for the evaluation of suitability of waste to be treated by thermal processes and for the energy to be recovered. This standard is applicable to all kinds of waste.

Keel en

prEN 16377

Identne prEN 16377:2012

Tähtaeg 31.03.2012

Characterization of waste - Determination of Brominated Flame Retardants (BFR) in Solid Waste

This European Standard specifies a method for the determination of selected polybrominated flame retardants (BFR), chemically known as polybrominated diphenylethers (BDE), in waste materials using gas chromatography/mass spectrometry (GC/MS) in the electron impact (EI) ionisation mode (GC-EI-MS). When applying GC-EI-MS, the method is applicable to samples containing 100 µg/kg to 5 000 µg/kg of tetra- to octabromodiphenylether congeners and 100 µg/kg to 10 000 µg/kg of decabromo diphenylether (see Table 1). It is also possible to analyse other brominated flame retardants applying the method described in this European Standard, provided the method's applicability has been proven.

Keel en

prEN 50136-3

Identne prEN 50136-3:2011

Tähtaeg 31.03.2012

Alarm systems - Alarm transmission systems and equipment - Part 3: Requirements for Receiving Centre Transceiver (RCT)

This standard specifies the minimum equipment requirements for the performance, reliability, resilience, security and safety characteristics of the receiving centre transceiver (RCT) installed in ARC and used in alarm transmission systems. The alarm transmission system requirements and classifications are defined within FprEN 50136-1. 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. Messages used for line monitoring (e.g. polling) are not included in the definition of 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. Where application specific standards exist, the RCT shall comply with relevant standards called up by that application. The RCT can be either an integrated element of any receiving/annunciation equipment, or a stand-alone device. In either case, the requirements of this standard shall apply. The responsibility of the RCT is to receive alarm messages, forward alarm messages to one or more AEs and send acknowledgements to the SPTs. Management of the transmission network is not in the scope of this standard.

Keel en

prEN 50292

Identne prEN 50292:2012

Tähtaeg 31.03.2012

Electrical apparatus for the detection of carbon monoxide in domestic premises, caravans and boats - Guide on the selection, installation, use and maintenance

This guide provides information on the selection, installation, use and maintenance of apparatus for the detection of carbon monoxide, intended for continuous operation in a fixed installation in domestic premises, caravans and boats. It is the intent of this guide to cover any type of domestic or residential accommodation, including leisure accommodation vehicles such as touring and static caravans, and motor homes; and recreational craft such as canal barges. It should be read in conjunction with EN 50291-1 and EN 50291-2 together with any additional relevant national or local regulations. The guide refers to the installation of two types of apparatus: Type A apparatus - to provide a visual and audible alarm and an executive action in the form of an output signal that can be used to actuate directly or indirectly a ventilation or other ancillary device. Type B apparatus - to provide a visual and audible alarm only. This guide excludes apparatus: - for the detection of combustible gases (see EN 50244); - for industrial installations or commercial premises.

Keel en

Asendab EVS-EN 50292:2002

prEN ISO 11553-3

Identne prEN ISO 11553-3:2012
ja identne ISO/DIS 11553-3:2012
Tähtaeg 31.03.2012

Safety of machinery - Laser processing machines - Part 3: Noise reduction and noise measurement methods for laser processing machines and hand-held processing devices and associated auxiliary equipment (accuracy grade 2) (ISO/DIS 11553-3:2012)

This part of ISO 11553 describes the requirements to deal with noise hazards and specifies all the information necessary to carry out efficiently and under standardized conditions the determination, declaration and verification of airborne noise emission from laser processing machines and hand-held laser processing devices within the scope of ISO 11553-1 and ISO 11553-2. It specifies the safety requirements relating to noise hazards. It specifies noise measurement methods, installation and operating conditions to be used for the test together with the information to be supplied by manufacturers of such equipment. This part of ISO 11553 applies to those laser processing machines and hand-held laser processing devices included in the scope of ISO 11553-1 and ISO 11553-2. Noise emission characteristics include emission sound pressure levels at work stations and the sound power level. Declared noise emission values permit comparison of laser processing machines and hand-held laser processing devices on the market. The use of this noise test code ensures the reproducibility of the determination of the characteristic noise emission values within specific limits. These limits are determined by the accuracy grade of the noise emission measuring method used. Noise emission measurements specified by this part of ISO 11553 meet the requirements of an engineering method accuracy grade 2.

Keel en

prEN ISO 14031

Identne prEN ISO 14031 rev:2012
ja identne ISO/DIS 14031:2012
Tähtaeg 31.03.2012

Keskkonnakorraldus. Keskkonnategevuse tulemuslikkuse hindamine. Juhtnõõrid (ISO/DIS 14031:2012)

This International Standard gives guidance on the design and use of environmental performance evaluation (EPE) within an organization. It is applicable to all organizations, regardless of type, size, location and complexity. This International Standard does not establish environmental performance levels. It is not intended for use as a specification standard for certification or registration purposes or for the establishment of any other environmental management system (EMS) conformity requirements. The guidance in this document can be used selectively to achieve and support an organization's own approach to EPE including its commitments to compliance with legal and other requirements, the prevention of pollution and continual improvement, among others.

Keel en

Asendab EVS-EN ISO 14031:2000

17 METROLOOGIA JA MÕÕTMINE. FÜSIKALISED NÄHTUSED

KAVANDITE ARVAMUSKÜSITLUS

EN 60704-2-4:201X/FprAA

Identne EN 60704-2-4:201X/FprAA:2012
Tähtaeg 31.03.2012

Kodumajapidamises ja sarnastes oludes kasutatavad elektriseadmed. Katsenormid õhumüra määramiseks. Osa 2-4: Erinõuded pesumasinatele ja tsentrifuugidele

These particular requirements apply to single unit electrical washing machines and the washing and spinning function of combined appliances for household and similar use and to spin extractors for household and similar use.

Keel en

FprEN 60243-1

Identne FprEN 60243-1:2011
ja identne IEC 60243-1:201X
Tähtaeg 31.03.2012

Electrical strength of insulating materials - Test methods - Part 1: Tests at power frequencies

This part of IEC 60243 gives methods of test for the determination of the short-time electric strength of solid insulating materials at power frequencies, that is, those between 48 Hz and 62 Hz. It does not consider the testing of liquids and gases, although these are specified and used as impregnates or surrounding media for the solid insulating materials being tested.

Keel en

Asendab EVS-EN 60243-1:2003

FprEN ISO 16610-21

Identne FprEN ISO 16610-21:2012
ja identne ISO 16610-21:2011
Tähtaeg 31.03.2012

Geometrical product specifications (GPS) - Filtration - Part 21: Linear profile filters: Gaussian filters (ISO 16610-21:2011)

This part of ISO 16610 specifies the metrological characteristics of the Gaussian filter, for the filtration of profiles. It specifies, in particular, how to separate long and short wave components of a surface profile.

Keel en

Asendab EVS-EN ISO 11562:1999; EVS-EN ISO 11562:1999/AC:2008

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 10264-1:2012

Hind 6,71

Identne EN 10264-1:2012

Steel wire and wire products - Steel wire for ropes - Part 1: General requirements

This part of this European Standard defines the general requirements for wire intended for mechanical steel ropes. Additional requirements are given in the following parts of this European Standard, which are specific to each category of wire. This part of this European Standard specifies: - dimensional tolerances; - mechanical characteristics; - requirements relating to the chemical composition of the steel wire; - conditions to be satisfied by any coating.

Keel en

Asendab EVS-EN 10264-1:2002

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 1267:2012

Hind 13,36

Identne EN 1267:2012

Industrial valves - Test of flow resistance using water as test fluid

This European Standard specifies a method for determining valve pressure loss coefficient and fluid flow coefficient using water as test fluid. This method is suitable - for valves with low zeta values but higher than 0,1 by determining pressure loss, with respect to fluid flow rate and specific gravity, and - for valves with equal inlet and outlet nominal size. Industrial process control valves are excluded from this European Standard.

Keel en

Asendab EVS-EN 1267:2000

EVS-EN 14624:2012

Hind 10,61

Identne EN 14624:2012

Performance of portable leak detectors and of room monitors for halogenated refrigerants

The purpose of this European Standard is to qualify the performance of portable sniffing leak detectors and room monitors for halogenated refrigerants. These leak detectors are designed for the detection of CFC, HCFC, HFC and PFC halogenated gases, and their detection limit is checked with a calibration leak or calibration gas.

Keel en

Asendab EVS-EN 14624:2005

EVS-EN 16051-1:2012

Hind 7,93

Identne EN 16051-1:2012

Inflation devices and accessories for inflatable consumer products - Part 1: Compatibility of valves and valve adapters

This document specifies the valve side interface geometry between valves and pump adapters as well as strength requirements of valves and valve adapters for inflatable consumer articles (see definition in 3.1). This document does not apply for - valves of personal flotation devices according to EN ISO 12402; - diving accessories and buoyancy compensators according to EN 1809. This document excludes the following valve types: - valves used for bicycles and vehicles; - needle valves (e. g. valves used for team sport balls).

Keel en

EVS-EN 16051-2:2012

Hind 6,71

Identne EN 16051-2:2012

Inflation devices and accessories for inflatable consumer products - Part 2: Safety requirements, durability, performance, compatibility and test methods of inflators

This document specifies safety requirements, performance requirements and requirements for marking and labelling of air pumps for inflatable consumer articles including the adapter side interface geometry between pump adapters and valves for inflatable consumer articles. This document does not apply for complete pumps (including tubes and adapters) for inflation and deflation sold together with the appropriate consumer article as a set. This document is not applicable to electrical inflators.

Keel en

EVS-EN ISO 11363-1:2010/AC:2012

Hind 0

Identne EN ISO 11363-1:2010/AC:2012

ja identne ISO 11363-1:2010/Cor 2:2012

Gas cylinders - 17E and 25E taper threads for connection of valves to gas cylinders - Part 1: Specifications - Technical Corrigendum 2 (ISO 11363-1:2010/Cor 2:2012)

Keel en

Asendab EVS-EN ISO 11363-1:2010/AC:2011

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 1267:2000

Identne EN 1267:1999

Valves - Test of flow resistance using water as test fluid

This Standard specifies a method for determining the pressure loss and fluid flow rate through valves in piping systems using water as a test fluid. This method is suitable for valves with low values but higher than 0,1 by determining pressure loss, with respect to fluid flow rate and density and to valves with equal inlet and outlet nominal sizes.

Keel en

Asendatud EVS-EN 1267:2012

EVS-EN 10264-1:2002

Identne EN 10264-1:2002

Steel wire and wire products - Steel wire for ropes - Part 1: General requirements

This part of this European Standard defines the general requirements for wire intended for mechanical ropes. Additional requirements are given in the following parts of this standard, which are specific to each category of wire. This standard specifies - dimensional tolerances - mechanical characteristics - requirements relating to the chemical composition of the steel wire - conditions to be satisfied by any coating.

Keel en

Asendatud EVS-EN 10264-1:2012

EVS-EN 14624:2005

Identne EN 14624:2005

Performances of mobile leak detectors and of room controllers of halogenated refrigerants

The purpose of this document is to qualify performances of leak detectors or room controllers of halogenated refrigerants. These leak detectors are designed for the detection of CFC, HCFC, HFC and PFC halogenated gases, and their sensitivity is checked with a calibrated leak.

Keel en

Asendatud EVS-EN 14624:2012

EVS-EN ISO 11363-1:2010/AC:2011

Identne EN ISO 11363-1:2010/AC:2011

ja identne ISO 11363-1:2010/Cor 1:2011

Gas cylinders - 17E and 25E taper threads for connection of valves to gas cylinders - Part 1: Specifications - Technical Corrigendum 1 (ISO 11363- 1:2010/Cor 1:2011)

Keel en

Asendatud EVS-EN ISO 11363-1:2010/AC:2012

EVS-ISO 7005-1:1997

ja identne ISO 7005-1:1992

Metalläärrikud. Osa 1: Terasäärrikud

Käesolev äärikute ühtsussüsteemi standardi ISO 7005 osa määrab kindlaks nõuded ümaratele terasäärrikutele. Standard määrab kindlaks terasäärrikute ja nende tihenduspinde tüübid, mõõtmed, tolerantsid, keermed, poltide läbimõõdud, nõuded tihenduspinde viimistluse, äärikute märgistuse, katsetamise ja kontrolli kohta.

Keel et

KAVANDITE ARVAMUSKÜSITLUS

FprEN 60335-2-40

Identne FprEN 60335-2-40:2012

ja identne IEC 60335-2-40:201X

Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.

Ohutus. Osa 2-40: Erinõuded elektrilistele soojuspumpadele, kliimaseadmetele ja õhukuivatitele

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric heat pumps, including sanitary hot water heat pumps, air-conditioners, and dehumidifiers incorporating motorcompressors and hydronic room fan coils, their maximum rated voltages being not more than 250 V for single phase appliances and 600 V for all other appliances. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. This standard also applies to electric heat pumps, air conditioners and dehumidifiers containing flammable refrigerant. Flammable refrigerants are defined in 3.120. The appliances referenced above may consist of one or more factory made assemblies. If provided in more than one assembly, the separate assemblies are to be used together, and the requirements are based on the use of matched assemblies.

Keel en

Asendab EVS-EN 60335-2-40:2003; EVS-EN 60335-2-40:2003/A1:2006; EVS-EN 60335-2-40:2003/A2:2009; EVS-EN 60335-2-40:2003/A11:2004; EVS-EN 60335-2-40:2003/A12:2005; EN 60335-2-40:2003/FprAD; EVS-EN 60335-2-40:2003/AC:2010

FprEN 60335-2-41

Identne FprEN 60335-2-41:2011

ja identne IEC 60335-2-41:201X

Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.

Ohutus. Osa 2-41: Erinõuded pumpadele

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric pumps for liquids having a temperature not exceeding 90 °C, intended for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. NOTE 101 Examples of appliances within the scope of this standard are - aquarium pumps; - pumps for garden ponds; - shower-boost pumps; - sludge pumps; - submersible pumps; - table fountain pumps; - vertical wet pit pumps. Appliances not intended for normal household use, but that nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account - persons (including children) whose - physical, sensory or mental capabilities; or - lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; - children playing with the appliance.

Keel en

Asendab EVS-EN 60335-2-41:2003; EVS-EN 60335-2-41:2003/A1:2004; EVS-EN 60335-2-41:2003/A2:2010

FprEN 60335-2-67:2012/FprAA

Identne FprEN 60335-2-67:2012/FprAA:2012
Tähtaeg 31.03.2012

Household and similar electrical appliances - Safety - Part 2-67: Particular requirements for floor treatment machines for commercial use

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of powered floor treatment machines intended for commercial indoor or outdoor use for the following applications: - scrubbing, - wet or dry pick-up, - polishing and dry buffing, - application of wax, sealing products and powder based detergents, - shampooing, - stripping, grinding and scarifying of floors with an artificial surface. Their cleaning motion is more lateral or periodic than linear.

Keel en

prEN 877

Identne prEN 877 rev:2012
Tähtaeg 31.03.2012

Malmtorud ja nende fassoonosad hoonete heitvete kanaliseerimiseks. Nõuded, katsemeetodid ja kvaliteeditagamine

This European Standard applies to cast iron pipeline components used for the construction of discharge systems for buildings and of drains, normally as gravity systems but also vacuum systems, inside and outside buildings, above and below ground. The range of nominal sizes extends from DN 40 to DN 600 inclusive. This standard specifies the requirements for the materials, dimensions and tolerances, mechanical properties, appearance, standard coatings for cast iron pipes, fittings and accessories. It also indicates performance requirements for all components, including joints. Quality assurance is covered in an informative annex. It covers pipes, fittings and accessories cast by any foundry process or manufactured by fabrication of cast components, as well as the corresponding joints. The roof gullies used for siphonic systems are not relevant from this standard.

Keel en

Asendab EVS-EN 877:2000

prEN 1591-1

Identne prEN 1591-1 rev:2012
Tähtaeg 31.03.2012

Flanges and their joints - Design rules for gasketed circular flange connections - Part 1: Calculation

This European Standard defines a Calculation method for bolted, gasketed, circular flange joints. Its purpose is to ensure structural integrity and control of leak tightness. The following Equations use gasket parameters based on definitions and test methods specified in EN 13555.

Keel en

Asendab EVS-EN 1591-1:2001+A1:2009; EVS-EN 1591-1:2001+A1:2009/AC:2011

prEN 12560-2

Identne prEN 12560-2:2012
Tähtaeg 31.03.2012

Flanges and their joints - Dimensions of gaskets for Class designated flanges - Part 2: Spiral wound gaskets for use with steel flanges

This standard specifies the dimensions, design, types, designation, materials and marking of spiral wound gaskets for use with type A flat face or type B raised face flange facings complying with EN 1759-1 for Class designations Class 150, to Class 1 500 for nominal sizes DN 15 to DN 600 and for Class designation 2 500 up to and including DN 300. The centering rings for the spiral wound gaskets according to this standard are sized for use with imperial bolting. The dimensions of spiral wound gaskets for tongue and groove flange facing types and spigot and recess flange facing types to EN 1759-1 are not included in this standard. NOTE 1 Such gaskets may be available, however, for these types of flanges and the purchaser is advised to consult the manufacturer as to their availability. Similarly, for slip-on or screwed flange types the manufacturer should be consulted about availability. NOTE 2 Dimensions of other types of gaskets for use with flanges complying with EN 1759-1 are given in EN 12560-1, EN 12560-3, EN 12560-4 and EN 12560-5, EN 12560-6 and EN 12560-7. WARNING - Gaskets made to this standard may contain asbestos. Materials containing asbestos may be subject to legislation that requires precautions to be taken when handling them to ensure that they do not constitute a hazard to health (see annex A). Attention is drawn to relevant EC directives.

Keel en

Asendab EVS-EN 12560-2:2001

25 TOOTMISTEHNOLOOGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 60683:2012

Hind 7,93

Identne EN 60683:2012

ja identne IEC 60683:2011

Industrial electroheating equipment - Test methods for submerged-arc furnaces

This International Standard specifies test procedures, conditions and methods according to which the main parameters and the main operational characteristics of a submerged-arc furnace (SAF) with rated electrical power levels above 500 kVA are established. This standard is applicable to SAF with one or more electrodes. In order to determine further technical or economic assessments, additional tests may be necessary. Tests for some special equipment for semiconductor converter controlled furnaces, such as controlled rectifiers or controlled a.c. converters, are covered by IEC 60146-1-1.

Keel en

Asendab EVS-HD 599 S1:2003

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN ISO 9283:2001

Identne EN ISO 9283:1998

ja identne ISO 9283:1998

Manipulating industrial robots - Performance criteria and related test methods

This standard describes methods of specifying and testing the following performance characteristics of manipulating industrial robots: - pose accuracy and pose repeatability; multi-directional pose accuracy variation; distance accuracy and distance repeatability; position; stabilization time; position overshoot; drift of pose characteristics; exchangeability; path accuracy and path repeatability; path accuracy on reorientation; cornering deviations; path velocity characteristics; minimum posing time; static compliance; weaving deviations.

Keel en

EVS-EN ISO 9409-1:2004

Identne EN ISO 9409-1:2004

ja identne ISO 9409-1:2004

Manipuleerivad tööstusrobotid. Mehaanilised liidesed. Osa 1: Plaadid (kuju A)

This part of ISO 9409 defines the main dimensions, designation and marking for a circular plate as mechanical interface. It is intended to ensure the exchangeability and to keep the orientation of hand-mounted end effectors. This part of ISO 9409 does not define other requirements of the end effector coupling device. This part of ISO 9409 does not contain any correlation of load-carrying ranges, as it is expected that the appropriate interface is selected depending on the application and the load-carrying capacity of the robot.

Keel en

Asendab EVS-EN ISO 9409-1:1999

EVS-EN ISO 9409-2:2004

Identne EN ISO 9409-2:2003

ja identne ISO 9409-2:2002

Manipulating industrial robots - Mechanical interfaces - Part 2: Shafts

This part of ISO 9409 defines the main dimensions, designation and marking for a shaft with cylindrical projection as mechanical interface. It is intended to ensure the exchangeability and to keep the orientation of hand-mounted end effectors. This part of ISO 9409 does not contain any correlation of load-carrying ranges. The mechanical interfaces specified in this part of ISO 9409 will also find application in simple handling systems which are not covered by the definition of manipulating industrial robots, such as pick-and-place or master-slave units.

Keel en

Asendab EVS-EN ISO 9409-2:1999

EVS-EN ISO 9787:1999

Identne EN ISO 9787:1999

ja identne ISO 9787:1999

Manipulaatoriga tööstusrobotid.

Koordinaatsüsteemid ja liigutuste nimetuste süsteemid

Standard defineerib ja määrab kindlaks roboti koordinaatsüsteemid. Standard esitab ka nimetuste süsteemi, mis hõlmab roboti põhiliigutuste esituse. Standardi eesmärk olla toeks robotite väljareguleerimisel, testimisel ja programmeerimisel.

Keel en

EVS-EN ISO 9946:1999

Identne EN ISO 9946:1999

ja identne ISO 9946:1999

Manipulating industrial robots - Presentation of characteristics

The standard provides recommendations on how the characteristics of the robots shall be specified by the manufacturer.

Keel en

EVS-EN ISO 10303-210:2003

Identne EN ISO 10303-210:2002

ja identne ISO 10303-210:2001

Industrial automation systems and integration - Product data representation and exchange - Part 210: Application protocol: Electronic assembly, interconnection, and packaging design

This part of ISO 10303 specifies the use of the integrated resources necessary for the scope and information requirements for the design of electronic assemblies, interconnect and packaging.

Keel en

EVS-EN ISO 11593:1999

Identne EN ISO 11593:1997

ja identne ISO 11593:1996

Manipuleerivad tööstusrobotid. Tööorganite automaatvahetuse süsteemid. Sönastik ja tunnusomaduste esitus

Standard määratleb terminid, mis seonduvad tootmiskeskonnas kasutatavate manipuleerivate tööstusrobotite tööorganite automaatvahetuse süsteemidega. Terminid on esitatud nende tähise, ühiku, määratluse ja nimetusega. Määratlus sisaldab kohaldatavaid viiteid olemasolevatele standarditele.

Keel en

EVS-EN ISO 14539:2002

Identne EN ISO 14539:2001

ja identne ISO 14539:2000

Manipulating industrial robots - Object handling with grasp-type grippers - Vocabulary and presentation of characteristics

This standard focuses on the functionalities of end effectors and concentrates on grasptype grippers as defined in 4.1.2.1. This standard provides terms to describe object handling and terms of functions, structures, and elements of grasp-type grippers.

Keel en

EVS-HD 599 S1:2003

Identne HD 599 S1:1992

ja identne IEC 60683:1980

Test methods for submerged-arc furnaces

Standardizes submerged arc furnace test conditions and methods to determine their main parameters and technical characteristics. Applies to industrial three-phase submerged arc furnaces with rated power level of 1 000 kVA or more. Also applies to furnaces having one or more electrodes, other than three-phase furnaces.

Keel en

Asendatud EVS-EN 60683:2012

KAVANDITE ARVAMUSKÜSITLUS

EN 62061:2005/FprA1

Identne EN 62061:2005/FprA1:2011
ja identne IEC 62061:2005/A1:201X
Tähtaeg 31.03.2012

Masinate ohutus. Ohutusega seotud elektriliste, elektrooniliste ja programmeeritavate elektrooniliste kontrollsüsteemide funktsionaalne ohutus

specifies requirements and makes recommendations for the design, integration and validation of safety-related electrical, electronic and programmable electronic control systems (SRECS) for machines (see Notes 1 and 2). It is applicable to control systems used, either singly or in combination, to carry out safety-related control functions on machines that are not portable by hand while working, including a group of machines working together in a co-ordinated manner.

Keel en

FprEN 61918

Identne FprEN 61918:2011
ja identne IEC 61918:201X
Tähtaeg 31.03.2012

Industrial communication networks - Installation of communication networks in industrial premises

This International Standard specifies basic requirements for the installation of media for communication networks in industrial premises and within and between the automation islands, of industrial sites. This standard covers balanced and optical fibre cabling. It also covers the cabling infrastructure for wireless media, but not the wireless media itself. Additional media are covered in the IEC 61784-5 series. This standard is a companion standard to the communication networks of the industrial automation islands and especially to the communication networks specified in the IEC 61158 series and the IEC 61784 series. In addition, this standard covers: - the installation of generic telecommunication cabling for industrial premises as specified in ISO/IEC 24702; - the connection between the generic telecommunications cabling specified in ISO/IEC 24702 and the specific communication cabling of an automation island, where an automation outlet (AO) replaces the telecommunication outlet (TO) of ISO/IEC 24702. NOTE If the interface used at the AO does not conform to that specified for the TO of ISO/IEC 24702, the cabling no longer conforms to ISO/IEC 24702 although certain features, including performance, of generic cabling may be retained. This standard provides guidelines that cope with the critical aspects of the industrial automation area (safety, security and environmental aspects such as mechanical, liquid, particulate, climatic, chemicals and electromagnetic interference). This standard does not recognise implementations of power distribution through Ethernet balanced cabling systems that are not specified in IEEE 802.3 and in IEEE 802.3at. This standard deals with the roles of planner, installer, verifier, and acceptance test personnel, administration and maintenance personnel and specifies the relevant responsibilities and/or gives guidance.

Keel en

Asendab EVS-EN 61918:2008

FprEN 61918:2011/FprAA

Identne FprEN 61918:2011/FprAA:2012
Tähtaeg 31.03.2012

Industrial communication networks - Installation of communication networks in industrial premises

This International Standard specifies basic requirements for the installation of media for communication networks in industrial premises and within and between the automation islands, of industrial sites. This standard covers balanced and optical fibre cabling. It also covers the cabling infrastructure for wireless media, but not the wireless media itself. Additional media are covered in the IEC 61784-5 series. This standard is a companion standard to the communication networks of the industrial automation islands and especially to the communication networks specified in the IEC 61158 series and the IEC 61784 series. In addition, this standard covers: - the installation of generic telecommunication cabling for industrial premises as specified in ISO/IEC 24702; - the connection between the generic telecommunications cabling specified in ISO/IEC 24702 and the specific communication cabling of an automation island, where an automation outlet (AO) replaces the telecommunication outlet (TO) of ISO/IEC 24702. NOTE If the interface used at the AO does not conform to that specified for the TO of ISO/IEC 24702, the cabling no longer conforms to ISO/IEC 24702 although certain features, including performance, of generic cabling may be retained. This standard provides guidelines that cope with the critical aspects of the industrial automation area (safety, security and environmental aspects such as mechanical, liquid, particulate, climatic, chemicals and electromagnetic interference). This standard does not recognise implementations of power distribution through Ethernet balanced cabling systems that are not specified in IEEE 802.3 and in IEEE 802.3at. This standard deals with the roles of planner, installer, verifier, and acceptance test personnel, administration and maintenance personnel and specifies the relevant responsibilities and/or gives guidance.

Keel en

prEN 13438

Identne prEN 13438 rev:2012
Tähtaeg 31.03.2012

Paints and varnishes - Powder organic coatings for galvanized or sherardized steel products for construction purposes

This European Standard specifies performance requirements for organic coating powders and powder organic coatings as applied to finished articles (galvanized or sherardized steel products) for construction purposes. This standard does not set out any performance requirements for the powder coating process itself. Galvanized steel products can be articles batch hot dip galvanized (galvanized after fabrication) or articles consisting of continuously hot-dip galvanized sheet which is then subsequently fabricated. This standard does not apply to articles with zinc-aluminium coatings or aluminium-zinc coatings, or to continuously hot dip galvanized wire. Guidance on cleaning and pre-treatment of the galvanized or sherardized steel products prior to powder coating is provided.

Keel en

Asendab EVS-EN 13438:2005

27 ELEKTRI- JA SOOJUSENERGEETIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 62282-3-200:2012

Hind 20,13

Identne EN 62282-3-200:2012

ja identne IEC 62282-3-200:2011

Fuel cell technologies - Part 3-200: Stationary fuel cell power systems - Performance test methods

This part of IEC 62282 covers operational and environmental aspects of the stationary fuel cell power systems performance. The test methods apply as follows: - power output under specified operating and transient conditions; - electric and thermal efficiency under specified operating conditions; - environmental characteristics; for example, gas emissions, noise, etc. under specified operating and transient conditions. This standard does not provide coverage for electromagnetic compatibility (EMC). This standard does not apply to small stationary fuel cell power systems with electric power output of less than 10 kW which will be dealt with in the future IEC 62282-3-201. Fuel cell power systems may have different subsystems depending upon types of fuel cell and applications, and they have different streams of material and energy into and out of them. However, a common system diagram and boundary has been defined for evaluation of the fuel cell power system (see Figure 1). The following conditions are considered in order to determine the test boundary of the fuel cell power system: - all energy recovery systems are included within the test boundary; - all kinds of electric energy storage devices are considered outside the test boundary; - calculation of the heating value of the input fuel (such as natural gas, propane gas and pure hydrogen gas, etc.) is based on the conditions of the fuel at the boundary of the fuel cell power system.

Keel en

Asendab EVS-EN 62282-3-2:2006

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 62282-3-2:2006

Identne EN 62282-3-2:2006

ja identne IEC 62282-3-2:2006

Fuel cell technologies Part 3-2: Stationary fuel cell power systems - Performance test methods

This part of IEC 62282 covers operational and environmental aspects of the stationary fuel cell power systems performance. The test methods apply as follows: - power output under specified operating and transient conditions; - electrical and thermal efficiency under specified operating conditions; - environmental characteristics; for example, gas emissions, noise, etc. under specified operating and transient conditions.

Keel en

Asendatud EVS-EN 62282-3-200:2012

KAVANDITE ARVAMUSKÜSITLUS

EN 61730-1:2007/FprA2

Identne EN 61730-1:2007/FprA2:2012

ja identne IEC 61730-1:2004/A2:201X

Tähtaeg 31.03.2012

Fotoelektriliste moodulite ohutusnõuded. Osa 1: Konstruksiooninõuded

This part of IEC 61730 describes the fundamental construction requirements for photovoltaic (PV) modules in order to provide safe electrical and mechanical operation during their expected lifetime. Specific topics are provided to assess the prevention of electrical shock, fire hazards, and personal injury due to mechanical and environmental stresses. This part of IEC 61730 pertains to the particular requirements of construction. IEC 61730-2 outlines the requirements of testing. This standard attempts to define the basic requirements for various application classes of PV modules, but it cannot be considered to encompass all national or regional building codes. The specific requirements for marine and vehicle applications are not covered. This standard is not applicable to modules with integrated AC inverters (AC modules). This standard is designed so that its test sequence can coordinate with those of IEC 61215 or IEC 61646, so that a single set of samples may be used to perform both the safety and performance evaluation of a photovoltaic module design.

Keel en

FprEN 62282-3-300

Identne FprEN 62282-3-300:2011

ja identne IEC 62282-3-300:201X

Tähtaeg 31.03.2012

Kütuseelementide kasutamistehnika. Osa 3-300: Kohtkindlad kütuseelement-energiaallikad.

Paigaldamine

This part of IEC 62282 provides minimum safety requirements for the installation of indoor and outdoor stationary fuel cell power systems in compliance with IEC 62282-3-100 and applies to the installation of the following systems: - intended for electrical connection to mains directly or with a readily accessible, manually operable switch or circuit-breaker; - intended for a stand-alone power distribution system; - intended to provide AC or DC power; - with or without the ability to recover useful heat. This standard is limited to those conditions that may be created by the installation process that can lead to personnel hazards or damage to equipment or property external to the fuel cell power system. This standard does not cover the safety requirements of the stationary fuel cell power system which are covered by IEC 62282-3-100. Additionally, this standard does not cover: - fuel supply and/or fuel storage systems; - auxiliary media supply and disposal; - switches or circuit-breakers; - portable fuel cell power systems; - propulsion fuel cell power systems; - APU (auxiliary power units) applications. A typical stationary fuel cell power system installation is represented in Figure 1.

Keel en

Asendab EVS-EN 62282-3-3:2008

29 ELEKTROTEHNIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 50317:2012

Hind 7,93

Identne EN 50317:2012

Raudteealased rakendused. Vooluvõtusüsteemid. Pantograafi ja liinivahelise dünaamilise vastasmõju mõõtmiste esitatavad nõuded ja hindamine

This European Standard specifies the functional requirements for output and accuracy of measurements of the dynamic interaction between pantograph and overhead contact line.

Keel en

Asendab EVS-EN 50317:2003/A2:2007/AC:2010; EVS-EN 50317:2003; EVS-EN 50317:2003/A1:2004; EVS-EN 50317:2003/A2:2007

EVS-EN 50464-1:2007/A1:2012

Hind 5,11

Identne EN 50464-1:2007/A1:2012

Three-phase oil-immersed distribution transformers 50 Hz, from 50 kVA to 2 500 kVA with highest voltage for equipment not exceeding 36 kV - Part 1: General requirements

This document covers transformers from 50 kVA to 2 500 kVA intended for operation in three-phase distribution networks, for indoor or outdoor continuous service, 50 Hz, immersed in mineral oil, natural cooling, with two windings: – a primary (high-voltage) winding with a highest voltage for equipment from 3,6 kV to 36 kV; – a secondary (low-voltage) winding with a highest voltage for equipment not exceeding 1,1 kV.

Keel en

EVS-EN 50526-1:2012

Hind 14

Identne EN 50526-1:2012

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

EVS-EN 60079-11:2012

Hind 22,75

Identne EN 60079-11:2012

ja identne IEC 60079-11:2011

Plahvatusohtlikud keskkonnad. Osa 11: Seadme kaitse sisemise ohutusega "i"

This part of IEC 60079 specifies the construction and testing of intrinsically safe apparatus intended for use in an explosive atmosphere and for associated apparatus, which is intended for connection to intrinsically safe circuits which enter such atmospheres. This type of protection is applicable to electrical equipment in which the electrical circuits themselves are incapable of causing an explosion in the surrounding explosive atmospheres. This standard is also applicable to electrical equipment or parts of electrical equipment located outside the explosive atmosphere or protected by another Type of Protection listed in IEC 60079-0, where the intrinsic safety of the electrical circuits in the explosive atmosphere may depend upon the design and construction of such electrical equipment or parts of such electrical equipment. The electrical circuits exposed to the explosive atmosphere are evaluated for use in such an atmosphere by applying this standard.

Keel en

Asendab EVS-EN 61241-11:2007; EVS-EN 60079-11:2007; EVS-EN 60079-27:2008

EVS-EN 61148:2012

Hind 11,38

Identne EN 61148:2012

ja identne IEC 61148:2011

Terminal markings for valve device stacks and assemblies and for power conversion equipment

This International Standard is applicable to the terminal markings for the main circuits of valve device stacks and assemblies, and of integrated conversion equipment. The terminal markings refer to stacks, assemblies and equipment comprising semiconductor valve devices. NOTE 1 Terminal markings for auxiliary circuits, including gate terminals and non-integrated conversion equipment with separate manufacturing of its components and their interconnection only after installation on site, are not considered in this standard. For such equipment the relevant standards, if any, for the individual components apply. Gate terminal markings are given in 6.3. Terminal markings for other circuits such as protective conductor are not considered in this standard. The object of this standard is to specify a logical alphanumeric marking system for the identification of the external main terminals of the main power circuits in a stack, valve device assembly or integrated conversion equipment, which is applicable for the purpose of reference in circuit diagrams, catalogues, descriptions, and information exchange and storage. In the case of stacks and assemblies, alphanumeric terminal marking systems are indicated for those converter connections which are the most important and most commonly used ones. Terminal marking systems making use of graphic symbols or identifying colours are not considered in this standard.

Keel en

EVS-EN 62023:2012

Hind 12,65

Identne EN 62023:2012

ja identne IEC 62023:2011

Structuring of technical information and documentation

This international standard provides rules for applying a method of structuring technical information and documentation by using a main document (leading document) for the clustering of the information for each object.

Keel en

Asendab EVS-EN 62023:2002

EVS-EN 62027:2012

Hind 13,36

Identne EN 62027:2012

ja identne IEC 62027:2011

Preparation of object lists, including parts lists

This International Standard provides rules and guidelines for the presentation of information in object lists, and specific rules for such documents. It is applicable to object lists such as parts lists, function lists and location lists used in the design and engineering process intended to be supplied with the documentation.

Keel en

Asendab EVS-EN 62027:2002

EVS-EN 62271-200:2012

Hind 20,13

Identne EN 62271-200:2012

ja identne IEC 62271-200:2011

High-voltage switchgear and controlgear - Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV

This part of IEC 62271 specifies requirements for prefabricated metal-enclosed switchgear and controlgear for alternating current of rated voltages above 1 kV and up to and including 52 kV for indoor and outdoor installation, and for service frequencies up to and including 60 Hz. Enclosures may include fixed and removable components and may be filled with fluid (liquid or gas) to provide insulation.

Keel en

Asendab EVS-EN 62271-200:2004

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 50123-5:2003**

Identne EN 50123-5:2003

Railway applications - Fixed installations - D.C. switchgear - Part 5: Surge arresters and low-voltage limiters for specific use in d.c. systems

Clauses 1, 2, 3 and 4 of this European Standard cover particular requirements for surge arresters (following named arresters) for specific use in fixed installations of d.c. traction systems. These are surge arresters consisting of one or more non-linear resistors which may be in series with single or multiple spark gaps

Keel en

Asendab EVS-EN 50123-5:2002

Asendatud EVS-EN 50526-1:2012

EVS-EN 50317:2003

Identne EN 50317:2002

Raudteealased rakendused. Vooluvõtusüsteemid. Pantograafi ja liinivahelise dünaamilise vastasmõju mõõtmiste esitatavad nõuded ja hindamine

The European standard specifies the functional requirements for output and accuracy of measurements of the dynamic interaction between pantograph and overhead contact line

Keel en

Asendatud EVS-EN 50317:2012

EVS-EN 50317:2003/A1:2004

Identne EN 50317:2002/A1:2004

Raudteealased rakendused. Vooluvõtusüsteemid. Pantograafi ja liinivahelise dünaamilise vastasmõju mõõtmiste esitatavad nõuded ja hindamine

The European standard specifies the functional requirements for output and accuracy of measurements of the dynamic interaction between pantograph and overhead contact line

Keel en

Asendatud EVS-EN 50317:2012

EVS-EN 50317:2003/A2:2007

Identne EN 50317:2002/A2:2007

Raudteealased rakendused. Vooluvõtusüsteemid. Pantograafi ja liinivahelise dünaamilise vastasmõju mõõtmiste esitatavad nõuded ja hindamine

The European standard specifies the functional requirements for output and accuracy of measurements of the dynamic interaction between pantograph and overhead contact line

Keel en

Asendatud EVS-EN 50317:2012

EVS-EN 50317:2003/A2:2007/AC:2010

Identne EN 50317:2002/A2:2007

Raudteealased rakendused. Vooluvõtusüsteemid. Pantograafi ja liinivahelise dünaamilise vastasmõju mõõtmiste esitatavad nõuded ja hindamine

Keel en

Asendatud EVS-EN 50317:2012

EVS-EN 60079-11:2007

Identne EN 60079-11:2007

ja identne IEC 60079-11:2006 + AC:2006

Plahvatusohtlikud keskkonnad. Osa 11: Seadme kaitse sisemise ohutusega "i"

This part of IEC 60079 specifies the construction and testing of intrinsically safe apparatus intended for use in an explosive gas atmosphere and for associated apparatus, which is intended for connection to intrinsically safe circuits which enter such atmospheres. This type of protection is applicable to electrical apparatus in which the electrical circuits themselves are incapable of causing an explosion in the surrounding explosive atmospheres. This standard is also applicable to electrical apparatus or parts of electrical apparatus located outside the explosive gas atmosphere or protected by another type of protection listed in IEC 60079-0, where the intrinsic safety of the electrical circuits in the explosive gas atmosphere may depend upon the design and construction of such electrical apparatus or parts of such electrical apparatus. The electrical circuits exposed to the explosive gas atmosphere are evaluated for use in such an atmosphere by applying this standard.

Keel en

Asendab EVS-EN 50020:2002

Asendatud EVS-EN 60079-11:2012

EVS-EN 61241-11:2007

Identne EN 61241-11:2006

ja identne IEC 61241-11:2005 + corrigendum Feb. 2006

Elektriseadmed, mis on ette nähtud kasutamiseks põlevtolmu olemasolul. Osa 11: Kaitse sisemise ohutusega "iD"

This part of IEC 61241 specifies requirements for the construction and testing of intrinsically safe apparatus intended for use in potentially explosive dust cloud or dust layer environments and for associated apparatus that is intended for connection to intrinsically safe circuits which enter such environments. This standard supplements the general requirements of IEC 61241-0: except as indicated in the following list. Apparatus utilized in systems will meet the requirements of IEC 60079-25.

Keel en

Asendatud EVS-EN 60079-11:2012

EVS-EN 62023:2002

Identne EN 62023:2000

ja identne IEC 62023:2000

Structuring of technical information and documentation

This international standard provides rules for the structuring of technical information and documentation, based on the use of a main document (leading document) for the keeping together of information for each object.

Keel en

Asendatud EVS-EN 62023:2012

EVS-EN 62027:2002

Identne EN 62027:2000

ja identne IEC 62027:2000

Preparation of parts lists

This international standard provides rules for the preparation of parts lists. The standard is restricted to parts lists used in the design and engineering process intended to be supplied with the documentation to external parties such as end users and sub-suppliers.

Keel en

Asendatud EVS-EN 62027:2012

EVS-EN 62271-200:2004

Identne EN 62271-200:2004

ja identne IEC 62271-200:2003

High-voltage switchgear and controlgear - Part 200: A.C. metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV

Specifies requirements for factory-assembled metal-enclosed switchgear and controlgear for alternating current of rated voltages above 1 kV and up to and including 52 kV for indoor and outdoor installation, and for service frequencies up to and including 60 Hz. Enclosures may include fixed and removable components and may be filled with fluid (liquid or gas) to provide insulation. This standard defines several types of metal enclosed switchgear and controlgear which differ due to - the consequences on network service continuity in case of maintenance on the switchgear and controlgear; - the need and convenience of maintenance of the equipment. For metal-enclosed switchgear and controlgear containing gas-filled compartments, the design pressure is limited to a maximum of 300 kPa (relative pressure). Metal-enclosed switchgear and controlgear for special use, for example, in flammable atmospheres, in mines or on board ships, may be subject to additional requirements. Components contained in metal-enclosed switchgear and controlgear are to be designed and tested in accordance with their various relevant standards. This standard supplements the standards for the individual components regarding their installation in switchgear and controlgear assemblies. This standard does not preclude that other equipment may be included in the same enclosure. In such a case, any possible influence of that equipment on the switchgear and controlgear is to be taken into account.

Keel en

Asendab EVS-EN 60298:2003

Asendatud EVS-EN 62271-200:2012

KAVANDITE ARVAMUSKÜSITLUS**EN 60061-1:2001/FprA49**

Identne EN 60061-1:1993/FprA49:2011

ja identne IEC 60061-1:1969/A49:201X

Tähtaeg 31.03.2012

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/FprA46

Identne EN 60061-2:1993/FprA46:2011
ja identne IEC 60061-2:1969/A46:201X
Tähtaeg 31.03.2012

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/FprA47

Identne EN 60061-3:1993/FprA47:2011
ja identne IEC 60061-3:1969/A47:201X
Tähtaeg 31.03.2012

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 60968:2001/FprA3

Identne EN 60968:1990/FprA3:2011
ja identne IEC 60968:1988/A3:201X
Tähtaeg 31.03.2012

Sisseehitatud liiteseadiseega üldtarbelambid. Ohutusnõuded

Specifies the safety and interchangeability requirements, together with the test methods and conditions, required to show compliance of tubular fluorescent and other gas-discharge lamps with integrated means for controlling starting and stable operation (self-ballasted lamps), intended for domestic and similar general lighting purposes.

Keel en

EN 61195:2001/FprA1

Identne EN 61195:1999/FprA1:2012
ja identne IEC 61195:1999/A1:201X
Tähtaeg 31.03.2012

Kahepoolse sokeldusega luminofoorlambid. Ohutusnõuded

Specifies the safety requirements for double-capped fluorescent lamps for general lighting purposes of all groups having Fa6, Fa8, G5, G13 and R17d caps. Also specifies the method a manufacturer should use to show compliance with the requirements of this standard.

Keel en

EN 61199:2011/FprA1

Identne EN 61199:2011/FprA1:2011
ja identne IEC 61199:2011/A1:201X
Tähtaeg 31.03.2012

Ühepoolse sokeldusega luminofoorlambid. Ohutusnõuded

This International Standard specifies the safety requirements for single-capped fluorescent lamps for general lighting purposes of all groups having caps according to Table 1. It also specifies the method a manufacturer should use to show compliance with the requirements of this standard on the basis of whole production appraisal in association with his test records on finished products. This method can also be applied for certification purposes. Details of a batch test procedure which can be used to make limited assessment of batches are also given in this standard.

Keel en

EN 61347-2-1:2002/FprA2

Identne EN 61347-2-1:2001/FprA2:2011
ja identne IEC 61347-2-1:2000/A2:201X
Tähtaeg 31.03.2012

Lampide juhtimisseadised. Osa 2-1: Erinõuded käivitusseadmetele (peale hõõgstarterite)

This part of IEC 61347 specifies particular safety requirements for starting devices (starters other than glow starters and ignitors) for fluorescent and other discharge lamps for use on a.c. supplies up to 1 000 V at 50 Hz or 60 Hz which produce starting

Keel en

EN 62040-1:2009/FprA1

Identne EN 62040-1:2008/FprA1:2011
ja identne IEC 62040-1:2008/A1:201X
Tähtaeg 31.03.2012

Katkematu toite süsteemid. Osa 1: Üld- ja ohutusnõuded katkematu toite süsteemidele

This part of IEC 62040 applies to uninterruptible power systems (UPS) with an electrical energy storage device in the d.c. link. It is used with IEC 60950-1, which is referred to in this standard as "RD" (reference document).

Keel en

EN 62061:2005/FprA1

Identne EN 62061:2005/FprA1:2011
ja identne IEC 62061:2005/A1:201X
Tähtaeg 31.03.2012

Masinate ohutus. Ohutusega seotud elektriliste, elektrooniliste ja programmeeritavate elektrooniliste kontrollisüsteemide funktsionaalne ohutus

specifies requirements and makes recommendations for the design, integration and validation of safety-related electrical, electronic and programmable electronic control systems (SRECS) for machines (see Notes 1 and 2). It is applicable to control systems used, either singly or in combination, to carry out safety-related control functions on machines that are not portable by hand while working, including a group of machines working together in a co-ordinated manner.

Keel en

EN 62271-102:2003/FprA2

Identne EN 62271-102:2002/FprA2:2011
ja identne IEC 62271-102:2001/A2:201X
Tähtaeg 31.03.2012

High-voltage switchgear and controlgear - Part 102: Alternating current disconnectors and earthing switches

Applies to alternating current disconnectors and earthing switches, designed for indoor and outdoor enclosed and open terminal installations for voltages above 1 000 V and for service frequencies up to and including 60 Hz. It also applies to the operating devices of these disconnectors and earthing switches and their auxiliary equipment. Additional requirements for disconnectors and earthing switches in enclosed switchgear and controlgear are given in IEC 60298, IEC 60466 and IEC 60517. Note: Disconnectors in which the fuse forms an integral part are not covered by this standard This first edition cancels and replaces Ed.3 of IEC 60129 published in 1984, amendment 1 (1992) and amendment 2 (1996). In addition, it replaces IEC 61128, IEC 61129 and IEC 61259, which are hereby withdrawn and cancelled.

Keel en

FprEN 60204-31

Identne FprEN 60204-31:2011
ja identne IEC 60204-31:201X
Tähtaeg 31.03.2012

Masinate ohutus. Masinate elektriseadmestik. Osa 31: Ohutuse ja elektromagnetilise ühilduvuse erinõuded õmblusmasinatele, -seadetele ja -süsteemidele

This part of IEC 60204 applies to the application of electrical and electronic equipment to sewing machines, units and systems, designed specifically for professional use in the sewing industry. NOTE See IEC 60335-2-28 for requirements for sewing machines for household and similar use. The equipment covered by this part commences at the point of connection of the supply to the electrical equipment of the machine (see 5.1). This part is applicable to the electrical equipment or parts of the electrical equipment which operate with nominal supply voltages not exceeding 1 000 V for alternating current and not exceeding 1 500 V for direct current, and with nominal frequencies not exceeding 200 Hz. It does not cover all the requirements (e.g. guarding, interlocking, control) that are necessary to safeguard persons from hazards other than electrical hazards and which are specified in other standards. This part applies to sewing units and systems which are installed in dry and well-kept clean locations and which process dry sewing material, as in the clothing industry. Where sewing units and systems are used in other than dry and well-kept clean locations, more stringent measures may be necessary, which need to be agreed.

Keel en

Asendab EVS-EN 60204-31:2001

FprEN 60243-1

Identne FprEN 60243-1:2011
ja identne IEC 60243-1:201X
Tähtaeg 31.03.2012

Electrical strength of insulating materials - Test methods - Part 1: Tests at power frequencies

This part of IEC 60243 gives methods of test for the determination of the short-time electric strength of solid insulating materials at power frequencies, that is, those between 48 Hz and 62 Hz. It does not consider the testing of liquids and gases, although these are specified and used as impregnates or surrounding media for the solid insulating materials being tested.

Keel en

Asendab EVS-EN 60243-1:2003

FprEN 60598-2-11

Identne FprEN 60598-2-11:2011
ja identne IEC 60598-2-11:201X
Tähtaeg 31.03.2012

Valgustid. Osa 2-11: Akvaariumivalgustid

This part of IEC 60598 specifies requirements for household aquarium luminaires incorporating electric light sources on supply voltages not exceeding 1 000 V.

Keel en

Asendab EVS-EN 60598-2-11:2005

FprEN 60598-2-12

Identne FprEN 60598-2-12:2012
ja identne IEC 60598-2-12:201X
Tähtaeg 31.03.2012

Valgustid. Osa 2-12: Erinõuded. Juhistiku pistikupesadesse ühendatavad öövalgustid

This part of IEC 60598 specifies requirements for mains socket-outlet mounted nightlights for use with electric light sources, on supply voltages not exceeding 250 V a.c. 50/60 Hz. It is to be read in conjunction with those sections of Part 1 to which reference is made.

Keel en

Asendab EVS-EN 60598-2-12:2006

FprEN 60745-2-23

Identne FprEN 60745-2-23:2011
ja identne IEC 60745-2-23:201X
Tähtaeg 31.03.2012

Hand-held motor-operated electric tools - Safety - Part 2-23: Particular requirements for die grinders and small rotary tools

This clause of Part 1 is applicable, except as follows: Addition: This standard applies to die grinders and small rotary tools for mounted accessories not exceeding 55 mm in diameter and mounted sanding accessories not exceeding 80 mm in diameter such as - threaded cones or plugs that are threaded on a mandrel with an unrelieved shoulder flange, - mandrel mounted wheels, and - rotary files with a rated speed not exceeding a peripheral speed of the accessory of 80 m/s at rated capacity. This standard does not apply to straight and vertical grinders utilizing flanges for driving an abrasive accessory. Those tools are covered by IEC 60745-2-3.

Keel en

FprEN 60848

Identne FprEN 60848:2011
ja identne IEC 60848:201X
Tähtaeg 31.03.2012

GRAF CET specification language for sequential function charts

This International Standard defines the GRAFCET1) specification language for the functional description of the behaviour of the sequential part of a control system. This standard specifies the symbols and the rules for the graphical representation of this language, as well as for its interpretation. This standard has been prepared for automated production systems of industrial applications. However no particular area of application is excluded. Methods of development of a specification that makes use of GRAFCET are beyond the scope of this standard. One method is for example the "SFC language" specified in IEC 61131-3, which defines a set of programming languages for programmable controllers.

Keel en

Asendab EVS-EN 60848:2003

FprEN 60952-1

Identne FprEN 60952-1:2011
ja identne IEC 60952-1:201X
Tähtaeg 31.03.2012

Aircraft batteries - Part 1: General test requirements and performance levels

This part of IEC 60952 defines test procedures for the evaluation, comparison and qualification of batteries and states minimum performance and environmental levels for airworthiness. Where specific tests are defined with no pass/fail requirement (to establish performance capability), the manufacturer's declared values, from qualification testing, will be used to establish minimum requirements for ongoing maintenance of approval for that design of battery. To provide representative examples, this standard utilises voltage and current values based upon an aircraft electrical system nominally rated at 28 V d.c. Additionally, the nominal values for cell voltage are assumed to be 1,2 V per cell for nickel-cadmium batteries and 2,0 V per cell for lead-acid batteries. It is important to note that when using this standard to evaluate products designed to operate on an aircraft electrical system other than the nominal 28 V d.c., or whose chemical properties are such that the individual cell voltage differs from that stated above, test values need to be adjusted accordingly. The specific topics addressed in this part of 60952 serve to establish acceptable quality standards required to qualify a battery as airworthy. In cases where the requirements for a specific application exceed those detailed in this standard the purchaser will detail said requirements in the product specification and the method of establishing compliance.

Keel en

Asendab EVS-EN 60952-1:2005

FprEN 60952-2

Identne FprEN 60952-2:2011
ja identne IEC 60952-2:201X
Tähtaeg 31.03.2012

Aircraft batteries - Part 2: Design and construction requirements

This part of IEC 60952 defines the physical design, construction and material requirements for nickel-cadmium and lead-acid aircraft batteries containing vented or valve-regulated cells or monoblocs. The batteries are used for both general purposes and specific aerospace applications. The specific topics addressed in this part serve to establish acceptable quality standards required to qualify a battery as airworthy as defined in Clause 3 of IEC 60952-1. A preferred range of aircraft batteries is specified in Annex A, but this part of IEC 60952 may be used for other battery sizes, arrangements and ratings. For particular applications, other design requirements may be stipulated. These will be in addition to the requirements of this part and will be covered by specific documents.

Keel en

Asendab EVS-EN 60952-2:2005

FprEN 60952-3

Identne FprEN 60952-3:2011
ja identne IEC 60952-3:201X
Tähtaeg 31.03.2012

Aircraft batteries - Part 3: Product specification and declaration of design and performance (DDP)

This part of IEC 60952 defines requirements for the product specification as well as procedures for a Declaration of Design and Performance (DDP) for nickel-cadmium and lead-acid aircraft batteries containing vented or valve-regulated cells or monoblocs. The batteries are used for both general purposes and specific aerospace applications. The specific topics addressed in this part serve to establish acceptable quality standards required to qualify a battery as airworthy as defined in Clause 3 of IEC 60952-1. The design construction and test requirements should conform to the requirements specified in IEC 60952-1 and IEC 60952-2.

Keel en

Asendab EVS-EN 60952-3:2005

FprEN 61008-1

Identne FprEN 61008-1:2011
ja identne IEC 61008-1:2010
Tähtaeg 31.03.2012

Rikkevoolukaitselülitid ilma sisseehitatud liigvoolukaitseta, kasutamiseks majapidamises ja muudel taolistel juhtudel. Osa 1: Üldreeglid

This International Standard applies to residual current operated circuit-breakers functionally independent of, or functionally dependent on, line voltage, for household and similar uses, not incorporating overcurrent protection (hereafter referred to as RCCBs), for rated voltages not exceeding 440 V a.c. with rated frequencies of 50 Hz, 60 Hz or 50/60 Hz and rated currents not exceeding 125 A, intended principally for protection against shock hazard. These devices are intended to protect persons against indirect contact, the exposed conductive parts of the installation being connected to an appropriate earth electrode. They may be used to provide protection against fire hazards due to a persistent earth fault current, without the operation of the overcurrent protective device. RCCBs having a rated residual operating current not exceeding 30 mA are also used as a means for additional protection in case of failure of the protective means against electric shock. This standard applies to devices performing simultaneously the functions of detection of the residual current, of comparison of the value of this current with the residual operating value and of opening of the protected circuit when the residual current exceeds this value.

Keel en

Asendab EVS-EN 61008-1:2004; EVS-EN 61008-1:2004/A12:2009; EVS-EN 61008-1:2004/IS1:2007; EVS-EN 61008-1:2004/A11:2007; EN 61008-1:2004/FprAC

FprEN 61009-1

Identne FprEN 61009-1:2011
ja identne IEC 61009-1:2010
Tähtaeg 31.03.2012

Rikkevoolukaitseülilid sisseehitatud liigvoolukaitsega, kasutamiseks majapidamises ja muudel taolistel juhtudel. Osa 1: Üldreeglid

This International Standard applies to residual current operated circuit-breakers with integral overcurrent protection functionally independent of, or functionally dependent on, line voltage for household and similar uses (hereafter referred to as RCBOs), for rated voltages not exceeding 440 V a.c. with rated frequencies of 50 Hz, 60 Hz or 50/60 Hz and rated currents not exceeding 125 A and rated short-circuit capacities not exceeding 25 000 A for operation at 50 Hz or 60 Hz. These devices are intended to protect people against indirect contact, the exposed conductive parts of the installation being connected to an appropriate earth electrode and to protect against overcurrents the wiring installations of buildings and similar applications. They may be used to provide protection against fire hazards due to a persistent earth fault current, without the operation of the overcurrent protective device. RCBOs having a rated residual operating current not exceeding 30 mA are also used as a means for additional protection in the case of failure of the protective means against electric shock. This standard applies to devices performing simultaneously the function of detection of the residual current, of comparison of the value of this current with the residual operating value and of opening of the protected circuit when the residual current exceeds this value, and also of performing the function of making, carrying and breaking overcurrents under specified conditions.

Keel en

Asendab EVS-EN 61009-1:2004; EVS-EN 61009-1:2004/A11:2008; EVS-EN 61009-1:2004/A13:2009; EVS-EN 61009-1:2004/A12:2009; EN 61009-1:2004/FprAD

FprEN 61131-9

Identne FprEN 61131-9:2011
ja identne IEC 61131-9:201X
Tähtaeg 31.03.2012

Programmable controllers - Part 9: Single-drop digital communication interface for small sensors and actuators (SDCI)

This part of the IEC 61131 series specifies a single-drop digital communication interface technology for small sensors and actuators SDCI (commonly known as IO-Link™3), which extends the traditional digital input and digital output interfaces as defined in IEC 61131-2 towards a point-to-point communication link. This technology enables the transfer of parameters to Devices and the delivery of diagnostic information from the Devices to the automation system. This technology is mainly intended for use with simple sensors and actuators in factory automation, which include small and cost-effective microcontrollers. This part specifies the SDCI communication services and protocol (physical layer, data link layer and application layer in accordance with the ISO/OSI reference model) for both SDCI Masters and Devices. This part also includes EMC test requirements. This part does not cover communication interfaces or systems incorporating multiple point or multiple drop linkages, or integration of SDCI into higher level systems such as fieldbuses.

Keel en

FprEN 61439-7

Identne FprEN 61439-7:2011
ja identne IEC 61439-7:201X
Tähtaeg 31.03.2012

Low-voltage switchgear and controlgear assemblies - Part 7: Assemblies for specific installations at public sites such as marinas, camping sites, market squares and similar applications and for charging stations for electrical vehicles

This standard defines the specific requirements of ASSEMBLIES as follows: - ASSEMBLIES for which the rated voltage does not exceed 1000 V in case of a.c. or 1500 V in case of d.c.; - Stationary or movable ASSEMBLIES with enclosure; - ASSEMBLIES intended for use in connection with the generation, transmission, distribution and conversion of electric energy, and for the control of electric energy consuming equipment; - ASSEMBLIES operated by ordinary persons, provided that the relevant specific requirements are complied with; - ASSEMBLIES intended to be installed and used in marinas, camping, market squares and other similar external public sites or similar sites; - ASSEMBLIES intended for charging stations for electrical vehicles. This standard applies to all ASSEMBLIES whether they are designed, manufactured and verified on a one-off basis or fully standardised and manufactured in quantity. The manufacture and/or assembly may be carried out other than by the original manufacturer (see 3.10.1 of Part 1). This standard does not apply to individual electrical equipment and self-contained components, such as circuit breakers, fuse switches, electronic equipment, etc. which comply with the relevant product standards.

Keel en

FprEN 61472

Identne FprEN 61472:2011
ja identne IEC 61472:201X
Tähtaeg 31.03.2012

Live working - Minimum approach distances for AC systems in the voltage range 72,5 kV to 800 kV - A method of calculation

This International Standard describes a method for calculating the minimum approach distances for live working, at maximum voltages between 72,5 kV and 800 kV. This standard addresses system overvoltages, and the working air distances or tool insulation between parts and/or workers at different potentials. The required withstand voltage and minimum approach distances calculated by the method described in this standard are evaluated taking into consideration the following: - workers are trained for, and skilled in, working in the live working zone; - the anticipated overvoltages do not exceed the value selected for the determination of the required minimum approach distance; - transient overvoltages are the determining overvoltages; - tool insulation has no continuous film of moisture or measurable contamination present on the surface; - no lightning is seen or heard within 10 km of the work site; - allowance is made for the effect of conducting components of tools; - the effect of altitude, insulators in the gap, etc. on the electric strength is taken into consideration. For conditions other than the above, the evaluation of the minimum approach distances may require specific data, derived by other calculation or obtained from additional laboratory investigations on the actual situation.

Keel en

Asendab EVS-EN 61472:2004

FprEN 61534-21

Identne FprEN 61534-21:2012
ja identne IEC 61534-21:201X
Tähtaeg 31.03.2012

Powertrack systems - Part 21: Particular requirements for powertrack systems intended for wall and ceiling mounting

This standard specifies the particular requirements and tests for PT systems intended for mounting on walls and/or ceiling. They may be installed flush or semi-flush, surface mounted, suspended or spaced away from the surface using fixing devices.

Keel en

Asendab EVS-EN 61534-21:2006

FprEN 62068

Identne FprEN 62068:2011
ja identne IEC 62068:201X
Tähtaeg 31.03.2012

Electrical insulation materials and systems - General method of evaluation of electrical endurance under repetitive voltage impulses

This part of IEC 62068 is a basic publication that applies to electrical equipment, regardless of voltage, containing an insulation system, which is - connected to an electronic power supply, and - requires an evaluation of insulation endurance under repetitive voltage impulses.

This standard proposes a general test procedure to facilitate screening of electrical insulating materials (EIM) and systems (EIS) and to achieve a relative evaluation of insulation endurance under conditions of repetitive impulses.

Keel en

Asendab EVS-EN 62068-1:2004

FprEN 62281

Identne FprEN 62281:2011
ja identne IEC 62281:201X
Tähtaeg 31.03.2012

Safety of primary and secondary lithium cells and batteries during transport

This International Standard specifies test methods and requirements for primary and secondary (rechargeable) lithium cells and batteries to ensure their safety during transport other than for recycling or disposal.

Requirements specified in this standard do not apply in those cases where special provisions given in the relevant regulations, listed in 7.3 provide exemptions.

Keel en

Asendab EVS-EN 62281:2004

FprEN 62423

Identne FprEN 62423:2011
ja identne IEC 62423:2009
Tähtaeg 31.03.2012

Type F and type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses

The scope of IEC 61008-1 and IEC 61009-1 applies with the following additions. This standard specifies requirements and tests for Type F and Type B RCDs (Residual Current Devices). Requirements and tests given in this standard are in addition to the requirements of Type A residual current devices. This standard can only be used together with IEC 61008-1 and IEC 61009-1. Type F RCCBs (Residual Current Circuit Breaker) and Type F RCBOs (Residual current Circuit Breaker with Overcurrent protection) with rated frequency 50 Hz or 60 Hz are intended for installations when frequency inverters are supplied between phase and neutral or phase and earthed middle conductor and are able to provide protection in case of alternating residual sinusoidal at the rated frequency, pulsating direct residual currents and composite residual currents that may occur.

Keel en

Asendab EVS-EN 62423:2009

prEN 50575

Identne prEN 50575:2012
Tähtaeg 31.03.2012

Power, control and communication cables - Cables for general applications in construction works subject to reaction to fire requirements

This European Standard specifies reaction to fire performance requirements, test and assessment methods for power, control and communication cables used for the supply of electricity and for control and communication purposes, which are intended for use in construction works. This European Standard only covers the reaction to fire and release of dangerous substances performance requirements. NOTE 1 This European Standard does not replace the electrical, mechanical and environmental requirements that are essential to demonstrate compliance with other applicable cable standards/specifications. This European Standard covers: - power cables - insulated conductors and cables for use in e.g. the supply of electricity; - control and communication cables - wires, symmetric cables, and coaxial cables with metallic conductors for use in e.g. telecommunication, data transmission, radio frequency, video communication and signalling and control equipment; - optical fibre cables - for use in e.g. in telecommunication, data transmission, radio frequency, video communication and signalling and control equipment.

Keel en

31 ELEKTROONIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 62137-3:2012

Hind 14,64

Identne EN 62137-3:2012

ja identne IEC 62137-3:2011

Electronics assembly technology - Part 3: Selection guidance of environmental and endurance test methods for solder joints

This part of IEC 62137 describes the selection methodology of an appropriate test method for a reliability test for solder joints of various shapes and types of surface mount devices (SMD), array type devices and leaded devices, and lead insertion type devices using various types of solder material alloys.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 130502:2002

Identne EN 130502:1998

Blank Detail Specification: Fixed metallized polycarbonate film dielectric capacitors for direct current. Assessment level EZ

Blank detail specification.

Keel en

Asendatud prEN 13050 rev

EVS-EN 131700:2002

Identne EN 131700:1997

Sectional Specification: Fixed capacitors for direct current with electrodes of thin metal foils and a polycarbonate film dielectric

This European Standard specifies requirements for fixed capacitors for direct current with electrodes of thin metal foils and a polycarbonate film dielectric. It specifies preferred ratings and characteristics and selects from EN 130000 the appropriate quality assessment procedures, tests and measuring methods and gives general performance requirements for this type of capacitor.

Keel en

EVS-EN 131701:2002

Identne EN 131701:1997

Blank Detail Specification: Fixed capacitors for direct current with electrodes of thin metal foils and a polycarbonate film dielectric - Assessment level E

This European Standard specifies requirements for fixed capacitors for direct current with electrodes of thin metal foils and a polycarbonate film dielectric. It specifies preferred ratings and characteristics and selects from EN 130000 the appropriate quality assessment procedures, tests and measuring methods and gives general performance requirements for this type of capacitor.

Keel en

EVS-EN 131702:2002

Identne EN 131702:1997

Blank Detail Specification: Fixed capacitors for direct current with electrodes of thin metal foils and a polycarbonate film dielectric - Assessment level EZ

This European Standard specifies requirements for fixed capacitors for direct current with electrodes of thin metal foils and a polycarbonate film dielectric. It specifies preferred ratings and characteristics and selects from EN 130000 the appropriate quality assessment procedures, tests and measuring methods and gives general performance requirements for this type of capacitor.

Keel en

EVS-EN 131802:2002

Identne EN 131802:1997

Blank Detail Specification: Fixed polypropylene film dielectric metal foil d.c. capacitors - Assessment level EZ

This European Standard specifies requirements for fixed capacitors for direct current, using as dielectric a polypropylene film and electrodes of thin metal foils. The capacitors covered by this specification are intended for use in electronic equipment.

Keel en

EVS-EN 143000:2005

Identne EN 143000:1991

Generic Specification: Thermistors

Keel en

Asendatud EVS-EN 60539-1:2008

KAVANDITE ARVAMUSKÜSITLUS

FprEN 60469

Identne FprEN 60469:2012

ja identne IEC 60469:201X

Tähtaeg 31.03.2012

Transitions, pulses and related waveforms - Terms, definitions and algorithms

This standard provides definitions of terms pertaining to transitions, pulses, and related waveforms and provides definitions and descriptions of techniques and procedures for measuring their parameters. The waveforms considered in this standard are those that make a number of transitions and that remain relatively constant in the time intervals between transitions. Signals and their waveforms for which this standard apply include but are not limited to those used in: digital communications, data communications, and computing; studies of transient biological, cosmological, and physical events; and electrical, chemical, and thermal pulses encountered and used in a variety of industrial, commercial, and consumer applications. This standard does not apply to sinusoidally-varying or other continuously-varying signals and their waveforms. The object of this standard is to facilitate accurate and precise communication concerning parameters of transitions, pulses, and related waveforms and the techniques and procedures for measuring them.

Keel en

FprEN 60831-2

Identne FprEN 60831-2:2012
ja identne IEC 60831-2:201X
Tähtaeg 31.03.2012

Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1000 V - Part 2: Ageing test, self-healing test and destruction test

This part of IEC 60831 applies to capacitors according to IEC 60831-1 and gives the requirements for the ageing test, self-healing test and destruction test for these capacitors.

Keel en

Asendab EVS-EN 60831-2:2001

FprEN 61747-4

Identne FprEN 61747-4:2011
ja identne IEC 61747-4:201X
Tähtaeg 31.03.2012

Liquid crystal display devices - Part 4: Liquid crystal display modules and cells - Essential ratings and characteristics

This part of IEC 61747 describes the essential ratings and characteristics of LCD cells and passive matrix monochrome liquid crystal display modules. It does not apply to active matrix LCD cells nor to multicolour cells.

Keel en

Asendab EVS-EN 61747-4:2002

FprEN 61924-2

Identne FprEN 61924-2:2011
ja identne IEC 61924-2:201X
Tähtaeg 31.03.2012

Maritime navigation and radiocommunication equipment and systems - Integrated navigation systems (INS) - Part 2: Modular structure for INS - Operational and performance requirements, methods of testing and required test results

This part of IEC 61924 specifies the minimum requirements for the design, manufacture, integration, methods of testing and required test results for an integrated navigation system (INS) to comply with the International Maritime Organization (IMO) requirements of Resolution MSC.252(83). In addition it takes account of IMO Resolution A.694(17) to which IEC 60945 is associated. When a requirement in this standard is different from IEC 60945, the requirement of this standard takes precedence. NOTE IEC 61924 (2006) specifies the minimum requirements for the design, manufacture, integration, methods of testing and required test results for an integrated navigation system to comply with the earlier IMO requirements of Resolution MSC 86(70) Annex 3. Integrated navigation systems to IEC 61924 (2006) are not suitable for installation after 1 January 2011. All text of this standard, whose meaning is identical to that in IMO Resolution MSC.252(83) will be printed in italics and the Resolution and paragraph number indicated between brackets.

Keel en

FprEN 62047-11

Identne FprEN 62047-11:2011
ja identne IEC 62047-11:201X
Tähtaeg 31.03.2012

Semiconductor devices - Microelectromechanical devices - Part 11: Test method for linear thermal expansion coefficients of freestanding MEMS materials

This International Standard specifies the test method to measure the linear thermal expansion coefficients (CTE) of thin freestanding solid (metallic, ceramic, polymeric etc.) MEMS materials with length between 0,1 and 1 mm and width between 10 µm and 1 mm and thickness between 0,1 µm and 1 mm, which are main structural materials used for MEMS, micromachines and others. This test method is applicable for the CTE measurement in the temperature range from room temperature to 30 % of a material's melting temperature.

Keel en

FprEN 62047-19

Identne FprEN 62047-19:2012
ja identne IEC 62047-19:201X
Tähtaeg 31.03.2012

Semiconductor devices - Micro-electromechanical devices - Part 19: Electronic compasses

This international standard defines terms, definitions, essential ratings and characteristics, and measuring methods of electronic compasses. This standard applies to electronic compasses composed of magnetic sensors and acceleration sensors, or magnetic sensors alone. This standard applies to electronic compasses for mobile electronic equipment. For marine electronic compasses, see ISO 11606. Electronic compasses are called "e-compasses" for short. Types of e-compasses are: 2-axis e compasses, 3-axis e-compasses, 6-axis e-compasses, etc., all of which are covered by this standard.

Keel en

FprEN 62246-1-1

Identne FprEN 62246-1-1:2011
ja identne IEC 62246-1-1:201X
Tähtaeg 31.03.2012

Reed switches - Part 1-1: Quality assessment specification

This part of the IEC 62246 which is a quality assessment specification defines requirements and tests to reed switches for use in general and industrial applications. This standard is only intended to be used in conjunction with IEC 62246-1. This standard selects from IEC 62246-1 and from other sources the appropriate test procedures to be used in detail specifications derived from this specification. Reed switch types are specified depending on characteristic values and tests.

Keel en

FprEN 62679-3-2

Identne FprEN 62679-3-2:2012

ja identne IEC 62679-3-2:201X

Tähtaeg 31.03.2012

Electronic paper display - Part 3-2: Measuring methods - Electro-optical

The scope of this document is restricted to electronic paper display modules using either segment, passive, or active matrix, and either monochromatic, or colour type displays. If electronic paper display module with combination of an external touch-key-panel or an external front-light-unit, remove those for measuring. If it is not possible to remove, it should be mentioned . However, it is not necessary to mention about protective sheet. This document shall be read together with other specifications to which it refers. It gives details of the quality assessment procedures, the inspection requirements, screening sequences, sampling requirements, and test and measurement procedures required for the assessment of electronic paper display modules. In order to achieve a useful and uniform description of the performance of these devices, specifications for commonly accepted relevant parameters are put forward. The purpose of this paper is to indicate and list the procedure-dependent parameters and to prescribe the specific methods and conditions that are to be used for their uniform numerical determination. It is assumed that all measurements are performed by personnel skilled in the general art of radiometric and electrical measurements as the purpose of this paper is not to give a detailed account of good practice in electrical and optical experimental physics. Furthermore, it must be assured that all equipment is suitably calibrated as is known to people skilled in the art and records of the calibration data and traceability are kept.

Keel en

prEN ISO 11553-3

Identne prEN ISO 11553-3:2012

ja identne ISO/DIS 11553-3:2012

Tähtaeg 31.03.2012

Safety of machinery - Laser processing machines - Part 3: Noise reduction and noise measurement methods for laser processing machines and hand-held processing devices and associated auxiliary equipment (accuracy grade 2) (ISO/DIS 11553-3:2012)

This part of ISO 11553 describes the requirements to deal with noise hazards and specifies all the information necessary to carry out efficiently and under standardized conditions the determination, declaration and verification of airborne noise emission from laser processing machines and hand-held laser processing devices within the scope of ISO 11553-1 and ISO 11553-2. It specifies the safety requirements relating to noise hazards. It specifies noise measurement methods, installation and operating conditions to be used for the test together with the information to be supplied by manufacturers of such equipment. This part of ISO 11553 applies to those laser processing machines and hand-held laser processing devices included in the scope of ISO 11553-1 and ISO 11553-2. Noise emission characteristics include emission sound pressure levels at work stations and the sound power level. Declared noise emission values permit comparison of laser processing machines and hand-held laser processing devices on the market. The use of this noise test code ensures the reproducibility of the determination of the characteristic noise emission values within specific limits. These limits are determined by the accuracy grade of the noise emission measuring method used. Noise emission measurements specified by this part of ISO 11553 meet the requirements of an engineering method accuracy grade 2.

Keel en

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 50132-5-1:2012

Hind 17,32

Identne EN 50132-5-1:2011

Alarm systems - CCTV surveillance systems for use in security applications - Part 5-1: Video transmission - General video transmission performance requirements

This European Standard introduces general requirements on video transmission. A detailed specification on analog video transmission over different media including signal and performance requirements is already defined in prEN 50132-5-3. For the growing number of surveillance applications based on IP video transmission the requirements are defined in 2 standards. This standard covers in the following clauses the general requirements for video transmissions on performance, security and conformance to basic IP connectivity, based on available, well-known, international standards. In areas where more detailed IP requirements are necessary additional specifications are given, in order to reach compatibility. In this European Standard no detailed and special CCTV protocols are defined. In Part 2 of this European Standard, a detailed video IP protocol, messages and commands on top of the general connectivity and performance requirements of Part 1 are defined. Part 2 defines an IP protocol for full interoperability (e.g. PTZ control, eventing, etc.) of video transmission devices used in surveillance applications.

Keel en

Asendab EVS-EN 50132-5:2002

EVS-EN 50132-5-2:2012

Hind 38,54

Identne EN 50132-5-2:2011

Alarm systems - CCTV surveillance systems for use in security applications - Part 5-2: IP Video Transmission Protocols

This European Standard introduces an IP network interface for devices in surveillance applications. In this part of the standard a network protocol is specified for the full interoperability of video devices. EN 50132-5-1 specifies the minimum network performance standards and general compliance to existing, well-known international network standards. On top of these basic layers protocols are defined to accomplish the full interoperability of video devices. In surveillance applications IP video devices have to use standardized protocols to accomplish following functionality: video streaming, stream control, event handling, discovery, capability description, device management, PTZ control, auxiliaries and other functions.

Keel en

Asendab EVS-EN 50132-5:2002

EVS-EN 50411-2-2:2012

Hind 14

Identne EN 50411-2-2:2012

Fibre organisers and closures to be used in optical fibre communication systems - Product specifications - Part 2-2: Sealed pan fibre splice closures Type 1, for category S & A

This specification contains the initial, start of life dimensional, optical, mechanical and environmental performance requirements of a fully installed splice closure in order for it to be categorised as an EN standard product.

Keel en

Asendab EVS-EN 50411-2-2:2007

EVS-EN 50411-2-3:2012

Hind 14

Identne EN 50411-2-3:2012

Fibre organisers and closures to be used in optical fibre communication systems - Product specifications - Part 2-3: Sealed inline fibre splice closures Type 1, for category S & A

This specification contains the initial, start of life dimensional, optical, mechanical and environmental performance requirements of a fully installed splice closure in order for it to be categorised as an EN standard product.

Keel en

Asendab EVS-EN 50411-2-3:2008

EVS-EN 61300-3-7:2012

Hind 12,65

Identne EN 61300-3-7:2012

ja identne IEC 61300-3-7:2009

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-7: Examinations and measurements - wavelength dependence of attenuation and return loss of single mode components

This part of IEC 61300-3 describes the various methods available to measure the wavelength dependence of attenuation $A(\lambda)$ and return loss $RL(\lambda)$, of single-mode passive optical components (POC) used in fibre-optic (FO) telecommunications. It is not, however, applicable to dense wavelength division multiplexing (DWDM) devices. Measurement methods of wavelength dependence of attenuation of DWDM devices are described in IEC 61300-3-29. Definition of WDM device types is given in IEC 62074-1. Three measurement cases are herein considered: - Measurement of $A(\lambda)$ only; - Measurement of $RL(\lambda)$ only; - Measurement of $A(\lambda)$ and $RL(\lambda)$ at the same time. These measurements may be performed in one direction (unidirectional) or bidirectionally.

Keel en

Asendab EVS-EN 61300-3-5:2002; EVS-EN 61300-3-7:2002

ASENDATUD VÕI TÛHISTATUD STANDARDID

EVS-EN 50136-1-5:2008

Identne EN 50136-1-5:2008

Alarm systems - Alarm transmission systems and equipment -- Part 1-5: Requirements for Packet Switched Network PSN

This European Standard specifies the requirements for alarm transmission systems using Packet Switched Networks (PSN), which are additional to those in EN 50136-1-1:1998. The alarm transmission system using PSN may use wired links, voice grade signalling links, mobile networks, radio or data links and may include ethernet switches, hubs, firewalls, ADSL-routers and DSL-modems. The standard is also applicable to alarm transmission systems in which signalling links are shared with other services within the above descriptions.

Keel en

Asendatud EVS-EN 50136-1:2012

EVS-EN 50411-2-2:2007

Identne EN 50411-2-2:2007

Fibre organisers and closures to be used in optical fibre communication systems - Product specifications Part 2-2: Sealed pan fibre splice closures Type 1, for category S & A

This specification contains the initial, start of life dimensional, optical, mechanical and environmental performance requirements of a fully installed splice Closure in order for it to be categorised as an EN standard product.

Keel en

Asendatud EVS-EN 50411-2-2:2012

EVS-EN 50411-2-3:2008

Identne EN 50411-2-3:2007

Fibre organisers and closures to be used in optical fibre communication systems - Product specifications -- Part 2-3: Sealed inline fibre splice closures Type 1, for category S & A

This specification contains the initial, start of life dimensional, optical, mechanical and environmental performance requirements of a fully installed splice closure in order for it to be categorised as an EN standard product.

Keel en

Asendatud EVS-EN 50411-2-3:2012

EVS-EN 60730-1:2001

Identne EN 60730-1:2000

ja identne IEC 60730-1:1999

Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 1: Üldnõuded

In general, this standard applies to automatic electrical controls for use in, on, or in association with equipment for household and similar use, including controls for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof. This part 1 is to be used in conjunction with the appropriate part 2 for a particular type of control, or for controls for particular applications. This part 1 may also be applied, so far as reasonable, to controls not mentioned in a part 2, and to controls designed

Keel en

Asendatud EVS-EN 60730-1:2012

EVS-EN 60730-1:2001/A16:2007

Identne EN 60730-1:2000/A16:2007

Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 1: Üldnõuded

In general, this standard applies to automatic electrical controls for use in, on, or in association with equipment for household and similar use, including controls for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof. This part 1 is to be used in conjunction with the appropriate part 2 for a particular type of control, or for controls for particular applications. This part 1 may also be applied, so far as reasonable, to controls not mentioned in a part 2, and to controls designed

Keel en

Asendatud EVS-EN 60730-1:2012

EVS-EN 60730-1:2001/AC:2007

Identne EN 60730-1:2000/Corr:2007

Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 1: Üldnõuded

Keel en

Asendatud EVS-EN 60730-1:2012

EVS-EN 60730-1:2001/A16:2007/AC:2010

Identne EN 60730-1:2000/A16:2007/Corr:2010

Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 1: Üldnõuded

Keel en

Asendatud EVS-EN 60730-1:2012

EVS-EN 60730-1:2001/A12:2004

Identne EN 60730-1:2000/A12:2003

Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 1: Üldnõuded

In general, this standard applies to automatic electrical controls for use in, on, or in association with equipment for household and similar use, including controls for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof. This part 1 is to be used in conjunction with the appropriate part 2 for a particular type of control, or for controls for particular applications. This part 1 may also be applied, so far as reasonable, to controls not mentioned in a part 2, and to controls designed

Keel en

Asendatud EVS-EN 60730-1:2012

EVS-EN 60730-1:2001/A13:2004

Identne EN 60730-1:2000/A13:2004

Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 1: Üldnõuded

In general, this standard applies to automatic electrical controls for use in, on, or in association with equipment for household and similar use, including controls for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof. This part 1 is to be used in conjunction with the appropriate part 2 for a particular type of control, or for controls for particular applications. This part 1 may also be applied, so far as reasonable, to controls not mentioned in a part 2, and to controls designed

Keel en

Asendatud EVS-EN 60730-1:2012

EVS-EN 60730-1:2001/A14:2005

Identne EN 60730-1:2000/A14:2005

Elektrilised automaatsujuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 1: Üldnõuded

In general, this standard applies to automatic electrical controls for use in, on, or in association with equipment for household and similar use, including controls for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof. This part 1 is to be used in conjunction with the appropriate part 2 for a particular type of control, or for controls for particular applications. This part 1 may also be applied, so far as reasonable, to controls not mentioned in a part 2, and to controls designed

Keel en

Asendatud EVS-EN 60730-1:2012

EVS-EN 61300-3-5:2002

Identne EN 61300-3-5:2001

ja identne IEC 61300-3-5:2000

Fibre optic interconnecting devices and passive components - Basic tests and measurement procedures - Part 3-5: Examinations and measurements; Wavelength dependence of attenuation

Aims at measuring the wavelength dependence of the attenuation of a single mode fibre optic device. Can also be used to measure the wavelength dependence of the coupling ratio.

Keel en

Asendatud EVS-EN 61300-3-7:2012

EVS-EN 61300-3-7:2002

Identne EN 61300-3-7:2001

ja identne IEC 61300-3-7:2000

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-7: Examinations and measurements; Wavelength dependence of attenuation and return loss

Aims at measuring the wavelength dependence of attenuation and thereturn loss in a single mode fibre optic device, at the same time.

Keel en

Asendatud EVS-EN 61300-3-7:2012

EVS-IEC 60364-4-44:2003/AC:2010

ja identne IEC 60364-4-44/Cor 1:2010

Corrigendum 1 - Low-voltage electrical installations - Part 4-44: Protection for safety - Protection against voltage disturbances and electromagnetic disturbances

Keel en

Asendatud EVS-HD 60364-4-442:2012; EVS-HD 60364-4-443:2007; EVS-HD 60364-4-444:2010

KAVANDITE ARVAMUSKÜSITLUS**EN 55016-2-3:2010/FprA2 (fragment 1)**

Identne EN 55016-2-3:2010/FprA2:2011 (fragment 1)

ja identne CISPR 16-2-3:2010/FprA2:201X (fragment 1)

Tähtaeg 31.03.2012

Raadiohäirete ja häiringukindluse mõõteseadmed ja -meetodid. Osa 2-3: Raadiohäirete ja häiringukindluse mõõtemetodid. Kiirgushäirete mõõtmine

This part of CISPR 16 specifies the methods of measurement of radiated disturbance phenomena in the frequency range of 9 kHz to 18 GHz. The aspects of measurement uncertainty are specified in CISPR 16-4-1 and CISPR 16-4-2.

Keel en

FprEN 61300-2-7

Identne FprEN 61300-2-7:2012

ja identne IEC 61300-2-7:201X

Tähtaeg 31.03.2012

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-7: Tests - Bending moment

This part of IEC 61300 details a procedure for determining the suitability of a fibre optic device to withstand the environmental condition of a bending moment which may occur in actual use, storage and/or transport. The test is primarily intended to permit the observation of effects of a bending moment. The bending moment may result in effects that would destroy functional utility, cause loss of physical strength, and cause changes in other important mechanical properties. Degradation of optical properties may also occur. The specimen may be a component, a connector set, a splice or other device combination intended for fibre optic usage.

Keel en

Asendab EVS-EN 61300-2-7:2002

FprEN 61300-3-4

Identne FprEN 61300-3-4:2012

ja identne IEC 61300-3-4:201X

Tähtaeg 31.03.2012

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-4: Examinations and measurements - Attenuation

This part of IEC 61300 describes the various methods available to measure the attenuation of optical components. It is not, however, applicable to dense wavelength division multiplexing (DWDM) components, for which IEC 61300-3-29 should be used.

Keel en

Asendab EVS-EN 61300-3-4:2002

FprEN 61300-2-19

Identne FprEN 61300-2-19:2012
 ja identne IEC 61300-2-19:201X
 Tähtaeg 31.03.2012

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-19: Tests - Damp heat (steady state)

This part of IEC 61300 details a procedure for determining the suitability of a fibre optic device to withstand the environmental condition of high humidity and high temperature which may occur in actual use, storage and/or transport. The test is primarily intended to permit the observation of effects of high humidity at constant temperature over a given period. Absorption of moisture may result in swelling that would destroy functional utility, cause loss of physical strength, and cause changes in other important mechanical properties. Degradation of optical properties may also occur. Although not necessarily intended as a simulated tropical test, this test can, nevertheless, be useful in determining moisture absorption of insulating or covering materials.

Keel en

Asendab EVS-EN 61300-2-19:2005

FprEN 61753-021-3

Identne FprEN 61753-021-3:2012
 ja identne IEC 61753-021-3:201X
 Tähtaeg 31.03.2012

Fibre optic interconnecting devices and passive components - Performance standard - Part 021-3: Single-mode fibre optic connectors for category U - Uncontrolled environment

This part of IEC 61753 defines minimum initial test and measurement requirements and severities which a single-mode connector/cable assembly must satisfy in order to be categorized as meeting the IEC standard category U (uncontrolled environment).

Keel en

FprEN 61753-051-3

Identne FprEN 61753-051-3:2011
 ja identne IEC 61753-051-3:201X
 Tähtaeg 31.03.2012

Fibre optic interconnecting devices and passive components - Performance standard - Part 051-3: Single mode fibre plug style optical attenuator for category U - Uncontrolled environment

This standard contains the minimum initial test and measurement requirements and severities which a fibre optic attenuator satisfies in order to be categorised as meeting the requirements of single mode fibre plug style fixed attenuator devices used in uncontrolled environments. Optical performances specified in this document relate to plug style configurations optical attenuators only.

Keel en

Asendab EVS-EN 61753-051-3:2003

FprEN 61753-059-2

Identne FprEN 61753-059-2:2011
 ja identne IEC 61753-059-2:201X
 Tähtaeg 31.03.2012

Fibre optic interconnecting devices and passive components - Performance standard - Part 059-2: Single mode fibre plug-receptacle style optical power limiter for category C - Controlled environment

This standard contains the minimum initial test and measurement requirements and severities which an optical power limiter must satisfy in order to be categorised as meeting the requirements of single mode fibre pigtailed style optical limiter used in controlled environments. IEC 60869-1: Fibre optic passive power control devices, contains the generic specification of the optical limiter. Optical performances specified in this document relate to plug-receptacle style configurations optical power limiters only.

Keel en

FprEN 61753-061-2

Identne FprEN 61753-061-2:2012
 ja identne IEC 61753-061-2:201X
 Tähtaeg 31.03.2012

Fibre optic interconnecting devices and passive components - Performance standard - Part 061-2: Non-connectorised single-mode fibre optic pigtailed isolators for category C - Controlled environment

This part of IEC 61753 contains the minimum test and measurement requirements and severities which a fibre optic isolator as specified by IEC 61202-1 must satisfy in order to be categorized as meeting the requirements of isolators used in controlled environments as specified in IEC 61753-1. The requirements cover non-connectorised single-mode fibre optic pigtailed isolators for category C used in controlled environments.

Keel en

FprEN 61753-088-2

Identne FprEN 61753-088-2:2012
 ja identne IEC 61753-088-2:201X
 Tähtaeg 31.03.2012

Fibre optic interconnecting devices and passive components - Performance standard - Part 088-2: Non connectorised single-mode fibre optic LAN WDM devices with channel spacing of 800 GHz for category C - Controlled environment

This standard contains the minimum initial test and measurement requirements and severities which a non-connectorised single-mode fibre optic Local Area Network Wavelength Division Multiplexing (LAN WDM) device with channel spacing of 800 GHz needs to satisfy in order to be categorised as meeting the requirements of category C - Controlled environments, as defined in Annex A of IEC 61753-1. The applications of LAN WDM devices are optical MUX and DEMUX for 100GBASE-LR4 (required operating range of 2 m to 10 km) and 100GBASE ER4 (required operating range of 2 m to 30 km) defined in IEEE P802.3ba, as shown in Annex D. The requirements cover both an integrated 1 x 4 LAN WDM device and an individual 1 x 2 LAN WDM device for cascaded module construction.

Keel en

FprEN 61753-091-2

Identne FprEN 61753-091-2:2012
ja identne IEC 61753-091-2:201X
Tähtaeg 31.03.2012

Fibre optic interconnecting devices and passive components - Performance standard - Part 091-2: Non-connectorised single-mode fibre optic pigtailed circulators for category C - Controlled environment

This part of IEC 61753 contains the minimum test and measurement requirements and severities which a fibre optic circulator as specified by IEC 62077 must satisfy in order to be categorized as meeting the requirements of circulators used in controlled environments as specified in IEC 61753-1. The requirements cover non-connectorised single-mode fibre optic pigtailed circulators for category C used in controlled environments.

Keel en

FprEN 61754-27

Identne FprEN 61754-27:2012
ja identne IEC 61754-27:201X
Tähtaeg 31.03.2012

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 27: Type M12-FO connector family

This part of IEC 61754 defines the standard interface dimensions for the type M12-FO family of connectors. This connector is of duplex plug/adaptor/plug configuration and designed for industrial environment as described in ISO/IEC TR 29106, severity class M3 and I3. Multiple designs for machines and equipment require solutions with different fibre types.

Keel en

FprEN 61784-5-X

Identne FprEN 61784-5-X:2011
ja identne IEC 61784-5-X:201X
Tähtaeg 31.03.2012

Industrial communication networks - Profiles - Part 5-X: Installation of fieldbuses - Installation profiles for CPF X

This part of IEC 61784 specifies the installation profiles for CPF 1 (FOUNDATION™ Fieldbus) 1. The installation profiles are specified in the annex (A,B). These annexes are read in conjunction with IEC 61918:2012.

Keel en

FprEN 61918

Identne FprEN 61918:2011
ja identne IEC 61918:201X
Tähtaeg 31.03.2012

Industrial communication networks - Installation of communication networks in industrial premises

This International Standard specifies basic requirements for the installation of media for communication networks in industrial premises and within and between the automation islands, of industrial sites. This standard covers balanced and optical fibre cabling. It also covers the cabling infrastructure for wireless media, but not the wireless media itself. Additional media are covered in the IEC 61784-5 series. This standard is a companion standard to the communication networks of the industrial automation islands and especially to the communication networks specified in the IEC 61158 series and the IEC 61784 series. In addition, this standard covers: - the installation of generic telecommunication cabling for industrial premises as specified in ISO/IEC 24702; - the connection between the generic telecommunications cabling specified in ISO/IEC 24702 and the specific communication cabling of an automation island, where an automation outlet (AO) replaces the telecommunication outlet (TO) of ISO/IEC 24702. NOTE If the interface used at the AO does not conform to that specified for the TO of ISO/IEC 24702, the cabling no longer conforms to ISO/IEC 24702 although certain features, including performance, of generic cabling may be retained. This standard provides guidelines that cope with the critical aspects of the industrial automation area (safety, security and environmental aspects such as mechanical, liquid, particulate, climatic, chemicals and electromagnetic interference). This standard does not recognise implementations of power distribution through Ethernet balanced cabling systems that are not specified in IEEE 802.3 and in IEEE 802.3at. This standard deals with the roles of planner, installer, verifier, and acceptance test personnel, administration and maintenance personnel and specifies the relevant responsibilities and/or gives guidance.

Keel en

Asendab EVS-EN 61918:2008

FprEN 61918:2011/FprAA

Identne FprEN 61918:2011/FprAA:2012
Tähtaeg 31.03.2012

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Keel en

FprEN 61970-301

Identne FprEN 61970-301:2011
ja identne IEC 61970-301:201X
Tähtaeg 31.03.2012

Energy management system application program interface (EMS-API) - Part 301: Common information model (CIM) base

The common information model (CIM) is an abstract model that represents all the major objects in an electric utility enterprise typically involved in utility operations. By providing a standard way of representing power system resources as object classes and attributes, along with their relationships, the CIM facilitates the integration of Energy Management System (EMS) applications developed independently by different vendors, between entire EMS systems developed independently, or between an EMS system and other systems concerned with different aspects of power system operations, such as generation or distribution management. SCADA is modeled to the extent necessary to support power system simulation and inter-control center communication. The CIM facilitates integration by defining a common language (i.e. semantics) based on the CIM to enable these applications or systems to access public data and exchange information independent of how such information is represented internally.

Keel en

Asendab EVS-EN 61970-301:2011

FprEN 62068

Identne FprEN 62068:2011
ja identne IEC 62068:201X
Tähtaeg 31.03.2012

Electrical insulation materials and systems - General method of evaluation of electrical endurance under repetitive voltage impulses

This part of IEC 62068 is a basic publication that applies to electrical equipment, regardless of voltage, containing an insulation system, which is - connected to an electronic power supply, and - requires an evaluation of insulation endurance under repetitive voltage impulses. This standard proposes a general test procedure to facilitate screening of electrical insulating materials (EIM) and systems (EIS) and to achieve a relative evaluation of insulation endurance under conditions of repetitive impulses.

Keel en

Asendab EVS-EN 62068-1:2004

FprEN 62368-1

Identne FprEN 62368-1:2011
ja identne IEC 62368-1:201X
Tähtaeg 31.03.2012

Audio/video, information and communication technology equipment - Part 1: Safety requirements

This standard is applicable to the safety of electrical and electronic equipment within the field of audio, video, information and communication technology, and business and office machines with a rated voltage not exceeding 600 V. This standard does not include requirements for performance or functional characteristics of equipment. NOTE 1 Examples of equipment within the scope of this standard are given in Annex A. This standard is also applicable to components, subassemblies and accessories, including for example external power supplies, intended for use in or with this equipment. Such components, subassemblies and accessories need not comply with every requirement of the standard, provided that the complete equipment, using such components, subassemblies and accessories, does comply. This standard does not apply to power supply systems which are not an integral part of the equipment, such as motor-generator sets, battery backup systems and distribution transformers. This standard specifies safeguards for ordinary persons, instructed persons, and skilled persons. Additional requirements may apply for equipment that is clearly designed or intended for use by children or specifically attractive to children.

Keel en

FprEN 62368-1:2011/FprAA

Identne FprEN 62368-1:2011/FprAA:2011

Tähtaeg 31.03.2012

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Keel en

35 INFOTEHNOLOOGIA. KONTORISEADMED

UUED STANDARDID JA PUBLIKATSIOONID

CWA 16385:2012

Hind 14,64

Identne CWA 16385:2012

Interoperability of Registries

Typically, a federation of repositories consists of a number of participating Learning Object Repositories. The locations of those repositories and the description of the protocols they support for exposing their learning resources to the federation are maintained and managed at the federation level. This can either be managed: - By tools such as harvesters or federated search engines that connect the repositories to the federation, or - In a separate registry that manages this information for all the repositories on behalf of these tools. These registries are generally not available outside of the individual federation in which they operate. The obvious problem is that this leads to a duplication of effort because repository descriptions must be entered in the registry of each federation where they are a member. As the result, there are difficulties to keep the information up-to-date across all the registry instances in all the federations. For example, if the Open Learn (OU-UK) repository changes the location of their OAI-PMH target, the location should be changed in the registries of ARIADNE, ASPECT, ICOPER, etc.

Keel en

CWA 16390:2012

Hind 16,36

Identne CWA 16390:2012

Interface control document for provision of EGNOS CS/EDAS based services for tracking and tracing of the transport of goods

The implementation of EGNOS/EDAS based services requires the use of OBU integrating GNSS GPS/EGNOS receiver capable of giving in output, in addition to positions & timing data², also raw data (i.e. code ranges and, optionally, phase and Doppler measurements³). This document is the specification of the interface between the GNSS (GPS/EGNOS) receiver and the "Processing Algorithm" responsible for the implementation of EGNOS/EDAS based services. The Processing Algorithm is a software module that can run in the OBU or on a service platform external to the OBU. The specification is conceived to ensure flexibility to adopt different architectures and different Processing Algorithm (i.e. it is not intended to make a technical choice on the specific architecture or on the Processing Algorithm). Three informative annexes (Annex A, Annex B and Annex C) give examples of utilization of the specified interface, in tracking & tracing (T&T) services for dangerous goods transport applications, in location based services (LBS) and in traffic information data exchange (DATEX II).

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

CWA 15262:2005

Identne CWA 15262:2005

Inventory of Data Protection Auditing Practices

This inventory should contribute to recording best practice in the field of data protection or privacy audits. We have considered an 'audit' to be a systematic and independent examination with the objective to give assurance.

Keel en

CWA 15263:2005

Identne CWA 15263 :2005

Analysis of Privacy Protection Technologies, Privacy- Enhancing Technologies (PET), Privacy Management Systems (PMS) and Identity Management systems (IMS), the Drivers thereof and the need for standardization

For the purposes of this report, the term "technologies" will be defined as those technologies that are designed with a primary purpose of enhancing the privacy of the user.

Keel en

CWA 15455:2005

Identne CWA 15455:2005

A European Model for Learner Competencies

The scope of this work is the development of data models, protocols and bindings that are capable of dealing with specific European requirements and concerns for expressing competencies, which guarantee the secure handling of personal information in open and distributed learning environments.

Keel en

CWA 15533:2006

Identne CWA 15533:2006

A model for the classification of quality approaches in eLearning

The proposed action aims at all stakeholders of the E-Learning lifecycle, such as course authors, providers, trainers/tutors and as important learners. The action is supported by consumer councils (ANEC) which specifically requires these activities from the learners perspective.

Keel en

CWA 15893-1:2008

Identne CWA 15893-1:2008

European e-Competence Framework - Part 1: The Framework - Version 1.0

The European e-Competence Framework (e-CF) is a reference framework of ICT competences that can be used and understood by ICT user and supply companies, ICT practitioners, managers and HR departments, the public sector, educational and social partners across Europe.

Keel en

CWA 15893-2:2008

Identne CWA 15893-2:2008

European e-Competence Framework - Part 2: User Guidelines - Version 1.0

The European e-Competence Framework (e-CF) is a reference framework of ICT competences that can be used and understood by ICT user and supply companies, ICT practitioners, managers and HR departments, the public sector, educational and social partners across Europe.

Keel en

KAVANDITE ARVAMUSKÜSITLUS**EN 60950-1:2006/FprA2**

Identne EN 60950-1:2006/FprA2:2011

ja identne IEC 60950-1:2005/A2:201X

Tähtaeg 31.03.2012

Infotehnikaseadmed. Ohutus. Osa 1: Üldnõuded

This standard is applicable to mains-powered or battery-powered information technology equipment, including electrical business equipment and associated equipment, with a RATED VOLTAGE not exceeding 600 V.

Keel en

EN 60950-1:2006/FprAE

Identne EN 60950-1:2006/FprAE:2011

Tähtaeg 31.03.2012

Infotehnikaseadmed. Ohutus. Osa 1: Üldnõuded

This standard is applicable to mains-powered or battery-powered information technology equipment, including electrical business equipment and associated equipment, with a RATED VOLTAGE not exceeding 600 V.

Keel en

FprEN 61918

Identne FprEN 61918:2011

ja identne IEC 61918:201X

Tähtaeg 31.03.2012

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Keel en

Asendab EVS-EN 61918:2008

FprEN 61918:2011/FprAA

Identne FprEN 61918:2011/FprAA:2012
Tähtaeg 31.03.2012

Industrial communication networks - Installation of communication networks in industrial premises

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Keel en

FprEN ISO 19156

Identne FprEN ISO 19156:2012
ja identne ISO 19156:2011
Tähtaeg 31.03.2012

Geographic information - Observations and measurements (ISO 19156:2011)

This International Standard defines a conceptual schema for observations, and for features involved in sampling when making observations. These provide models for the exchange of information describing observation acts and their results, both within and between different scientific and technical communities. Observations commonly involve sampling of an ultimate feature-of-interest. This International Standard defines a common set of sampling feature types classified primarily by topological dimension, as well as samples for ex-situ observations. The schema includes relationships between sampling features (sub-sampling, derived samples). This International Standard concerns only externally visible interfaces and places no restriction on the underlying implementations other than what is needed to satisfy the interface specifications in the actual situation.

Keel en

prEN 50600-1

Identne prEN 50600-1:2011
Tähtaeg 31.03.2012

Information technology - Data centre facilities and infrastructures - Part 1: General concepts

This European standard a) details the issues to be addressed in a business risk and operating cost analysis enabling application of an appropriate classification of the data centre, b) defines the common aspects of data centres including terminology, parameters and reference models (functional elements and their accommodation) addressing both the size and complexity of their intended purpose, c) describes general aspects of the facilities and infrastructures required to support effective operation of telecommunications within data centres, d) specifies a classification system, based upon the key criteria of "availability", "security" and "energy-efficiency" over the planned lifetime of the data centre, for the provision of effective facilities and infrastructure, e) describes the general design principles for data centres upon which the requirements of the EN 50600 series are based including symbols, labels, coding in drawings, quality assurance and education, f) specifies the measurement methodologies and report formats to monitor the performance of the data centre facilities and infrastructures and to provide the necessary management and operational information specified in EN 50600-2-X standards.

Keel en

43 MAANTEESÕIDUKITE EHITUS

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TS 15597-2:2012

Hind 14,64
Identne CEN/TS 15597-2:2012

Winter maintenance equipment - Spreading machines (gritting machines) - Part 2: Requirements for distribution and its test

This Technical Specification gives the possibility to certify a model of vehicle-mounted or (trailer-)dragged spreading machines for winter service with standard parameters, leaving the possibility for the manufacturer to evolve performance. At the same time, information is given on the minimum content required for operating manuals. This Technical Specification is valid for machines which are used to spread the following media: - solid thawing media with or without pre-wetted media; - liquid thawing media. The following points are not covered by this Technical Specification: - requirements for registration and approval; - requirements made by automobile manufacturers; - requirements on safety – these are dealt with in EN 13021.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

FprEN 12252

Identne FprEN 12252:2012

Tähtaeg 31.03.2012

LPG equipment and accessories - Equipping of LPG road tankers

This European Standard specifies equipment and accessories for road tankers used for the transport of Liquefied Petroleum Gas (LPG) and identifies the equipment that is considered necessary to ensure that filling, transportation and discharge operations can be carried out safely. It also specifies the requirements for the assembly of the accessories and the vehicle LPG equipment to the road tanker. This European Standard also identifies additional equipment and accessories that can be used on road tankers carrying LPG. NOTE This European Standard does not preclude the use of alternative designs, materials and equipment testing which provide the same or a higher level of safety. ADR requires that such alternative technical codes shall be recognized by the competent authority provided that the minimum requirements of section 6.8.2 of ADR are complied with. This European Standard does not apply to "tank-containers" and "battery-vehicles" used for the transport of LPG.

Keel en

Asendab EVS-EN 12252:2006+A1:2008

45 RAUDTEETEHNIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 50317:2012

Hind 7,93

Identne EN 50317:2012

Raudteelased rakendused. Vooluvõtusüsteemid. Pantograafi ja liinivahelise dünaamilise vastasmõju mõõtmiste esitatavad nõuded ja hindamine

This European Standard specifies the functional requirements for output and accuracy of measurements of the dynamic interaction between pantograph and overhead contact line.

Keel en

Asendab EVS-EN 50317:2003/A2:2007/AC:2010; EVS-EN 50317:2003; EVS-EN 50317:2003/A1:2004; EVS-EN 50317:2003/A2:2007

EVS-EN 116200:2012

Hind 11,38

Identne EN 116200:1991

Sectional Specification: Electromechanical all-or-nothing relays (including relays for severe environmental conditions)

This sectional specification applies to electro-mechanical all-or-nothing relays of assessed quality. It selects from the generic specification CECC 16 000 the appropriate methods of the tests to be used in detail specifications derived from this specification, and contains basic test schedules to be used in the preparation of such specifications. Detailed test schedules are contained in the blank details specifications supplementary to this specification.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 50123-5:2003

Identne EN 50123-5:2003

Railway applications - Fixed installations - D.C. switchgear - Part 5: Surge arresters and low-voltage limiters for specific use in d.c. systems

Clauses 1, 2, 3 and 4 of this European Standard cover particular requirements for surge arresters (following named arresters) for specific use in fixed installations of d.c. traction systems. These are surge arresters consisting of one or more non-linear resistors which may be in series with single or multiple spark gaps

Keel en

Asendab EVS-EN 50123-5:2002

Asendatud EVS-EN 50526-1:2012

KAVANDITE ARVAMUSKÜSITLUS

FprEN 15839

Identne FprEN 15839:2012

Tähtaeg 31.03.2012

Railway applications - Testing for the acceptance of running characteristics of railway vehicles - Freight wagons - Testing of running safety under longitudinal compressive forces

This European Standard defines the acceptance process to be followed by vehicles that are operated in trains capable of generating high longitudinal forces and that are susceptible, as a result of their design, to derailment as a result of being subjected to these forces. This European Standard applies to the following types of freight wagons equipped with standard ends as defined in this EN: - single wagons; - permanently coupled units with side buffers and screw couplers between the vehicles; - permanently coupled units with diagonal buffers with screw couplers between the vehicles; - articulated units with three 2-axle bogies; - low-floor wagons with eight or more axles (e.g. rolling road wagon 1)). The following vehicles are not currently in the scope of this European Standard: - wagons which are not subjected to extensive Longitudinal compressive forces due to their operational environment (as train composition, braking regime, track layout); - wagons with automatic couplers 2); wagons with 3-axle bogies 3); - permanently coupled units with a bar coupler between the vehicles 4); - articulated wagons with more than three 2-axle bogies.

Keel en

FprEN 50526-2

Identne FprEN 50526-2:2012

Tähtaeg 31.03.2012

Railway Applications - Fixed Installations - D.C. surge arresters and voltage limiting devices - Part 2: Voltage limiting devices

This European Standard applies to Voltage Limiting Devices (VLDs) to be applied in d.c. traction systems in order to comply with protective provisions against electric shock from d.c., and mixed a.c. - d.c. voltages, in accordance with EN 50122, taking into account stray current provisions. VLDs operate in a way as to connect the track return circuit of d.c. railway systems to earthing system or conductive parts within the overhead contact line zone or current collector zone in order to: 1) prevent impermissible touch voltages caused by train traffic or short circuits; and/or 2) prevent impermissible touch voltages by reducing the fault circuit impedance and thus causing tripping of the circuit breaker by overcurrent.

Keel en

FprEN 61375-2-5

Identne FprEN 61375-2-5:2012
ja identne IEC 61375-2-5:201X
Tähtaeg 31.03.2012

Electronic railway equipment - Train backbone - Part 2-5: Ethernet Train Backbone

This part of IEC 61375 series of International Standards defines Ethernet Train Backbone (ETB) requirements to fulfil open train data communication system based on Ethernet technology. Respect of this standard ensure interoperability between local consist subnets whatever consist network technology (see IEC 61375-1 for more details). All consist network definitions shall take in account this current part to preserve interoperability. This standard may be additionally applicable to closed trains and multiple unit trains when so agreed between purchaser and supplier.

Keel en

47 LAEVAEHITUS JA MERE-EHITISED

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 16083:2012

Hind 6,71
Identne EN 16083:2012

Paddles and oars for recreational boats - Safety requirements and test methods

This European Standard specifies safety requirements and test methods for paddles and oars for non-rigid hull water crafts. Paddles and oars are classified in two performance levels A and B. This standard is not applicable for paddles and oars for: - training and competitive sports; - white water; - items covered by EN 71-1; - folding/rigid framed boats/kayaks. This standard does not apply to wooden paddles and oars.

Keel en

49 LENNUNDUS JA KOSMOSETEHNIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 3155-076:2012

Hind 7,29
Identne EN 3155-076:2012

Aerospace series - Electrical contacts used in elements of connection - Part 076: Contacts, electrical, male, type A, crimp, class R - Product standard

This European Standard specifies the required characteristics, tests and tooling applicable to male contacts size 22, 20, 16, 12, 8 and 5, type A, crimp, class R, used in elements of connection according to EN 3155-002. It should be used together with EN 3155-001. The associated female contacts are defined in EN 3155-077.

Keel en

EVS-EN 3155-077:2012

Hind 8,63
Identne EN 3155-077:2012

Aerospace series - Electrical contacts used in elements of connection - Part 077: Contacts, electrical, female, type A, crimp, class R - Product standard

This European Standard specifies the required characteristics, tests and tooling applicable to female contacts size 22, 20, 16, 12, 8 and 5, type A, crimp, class R, used in elements of connection according to EN 3155-002. It should be used together with EN 3155-001. The associated male contacts are defined in EN 3155-076.

Keel en

EVS-EN 6059-503:2012

Hind 5,11
Identne EN 6059-503:2012

Aerospace series - Electrical cables, installation - Protection sleeves - Test methods - Part 503: Temperature rise due to rated current injected on the sleeve

This European Standard specifies a method of assessing the behaviour and temperature increase of EMI protection sleeves or conduits subject to permanent and/or fault currents in the shielding. It should be used together with EN 3475-100.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

FprEN 2591-307

Identne FprEN 2591-307 rev:2011
Tähtaeg 31.03.2012

Lennunduse ja kosmonautika seeria. Elektriliste ja optiliste ühenduste elemendid. Katsemeetodid. Osa 307: Soolased aurud

This standard specifies a method of assessing the effects of salt mist on elements of connection. It shall be used together with EN 2591-100. The test is based on EN 60068-2-11

Keel en

Asendab EVS-EN 2591-307:2000

FprEN 2591-402

Identne FprEN 2591-402 rev:2011
Tähtaeg 31.03.2012

Lennunduse ja kosmonautika seeria. Elektriliste ja optiliste ühenduste elemendid. Testimismeetodid. Osa 402: Lõök

This standard specifies a method of assessing the ability of elements of connection to withstand mechanical shock of a specified severity. It shall be used together with EN 2591-100. This test is based on EN 60068-2-27.

Keel en

Asendab EVS-EN 2591-402:2000

FprEN 2591-403

Identne FprEN 2591-403 rev:2011

Tähtaeg 31.03.2012

Lennunduse ja kosmonautika seeria. Elektriliste ja optiliste ühenduste elemendid. Katsemeetodid. Osa 403: Sinusoidne ja juhusliku suunaga vibratsioon

This standard specifies a method of determining the ability of elements of connection to withstand sinusoidal or random vibrations of specified severities. It shall be used together with EN 2591-100. This test is based on EN 60068-2-6 and EN 60068-2-64.

Keel en

Asendab EVS-EN 2591-403:2000

FprEN 3456

Identne FprEN 3456 rev:2011

Tähtaeg 31.03.2012

Aerospace series - Titanium alloy TI-P64001 (Ti-6Al-4V) - Annealed - Sheet and strip, hot rolled - a ≤ 6 mm

This standard specifies the requirements relating to: Titanium alloy TI-P64001 (Ti-6Al-4V) Annealed Sheet and strip, hot rolled a ≤ 6 mm for aerospace applications.

Keel en

Asendab EVS-EN 3456:2009

FprEN 3464

Identne FprEN 3464:2011

Tähtaeg 31.03.2012

Aerospace series - Titanium alloy TI-P64001 (Ti-6Al-4V) - Annealed - Plate - 6 mm < a ≤ 100 mm

This standard specifies the requirements relating to: Titanium alloy TI-P64001 (Ti-6Al-4V) Annealed Plate 6 mm < a ≤ 100 mm for aerospace applications.

Keel en

FprEN 3682-004

Identne FprEN 3682-004 rev:2012

Tähtaeg 31.03.2012

Aerospace series - Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous - Part 004: Size 2 receptacle - Product standard

This standard defines the size 2 receptacle used in the family of rectangular electrical connectors for rack to panel, with interchangeable inserts. The plug corresponding to this receptacle is defined in EN 3682-005.

Keel en

Asendab EVS-EN 3682-004:2006

FprEN 3745-405

Identne FprEN 3745-405:2011

Tähtaeg 31.03.2012

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 405: Low/High temperature bend test

This standard specifies a method of determining the attenuation variation of an optical cable during mechanical bending under load at the maximum and minimum operating temperatures.

Keel en

FprEN 3745-510

Identne FprEN 3745-510 rev:2011

Tähtaeg 31.03.2012

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 510: Bending test

This standard specifies a method of determining the attenuation variation of an optical cable during mechanical bending under load at the maximum and minimum operating temperatures.

Keel en

Asendab EVS-EN 3745-510:2002

FprEN 3745-515

Identne FprEN 3745-515:2011

Tähtaeg 31.03.2012

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 515: Buffer insertion force

This standard specifies procedures for the practical measurement of the force required to move the buffer a specified distance relative to the outer jacket.

Keel en

FprEN 3745-516

Identne FprEN 3745-516:2011

Tähtaeg 31.03.2012

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 516: Severe cable bend test

This standard specifies a method of checking the break resistance and attenuation variation recovery of an optical cable subjected to severe bending under load.

Keel en

FprEN 3745-517

Identne FprEN 3745-517:2011

Tähtaeg 31.03.2012

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 517: Cable tie clamping test

This standard specifies a method of determining the attenuation variation of an optical cable when clamped to a mandrel with cable ties, simulating the condition in an installed harness.

Keel en

FprEN 4632-004

Identne FprEN 4632-004:2011

Tähtaeg 31.03.2012

Aerospace series - Welded and brazed assemblies for aerospace constructions - Weldability and brazeability of materials - Part 004: Homogeneous assemblies highly alloyed steels

This standard specifies the weldability and brazeability of materials or material families used in the aerospace industry. It comprises a series of sheets, by materials or material family, which: - indicate the main titles, the typical chemical composition and the main characteristics, - contain recommendations for welding and brazing, - indicate a degree of weldability or brazeability for a given process under defined conditions, - indicate a value for the welded joint mechanical resistance coefficient for each welding process when extracted from relevant bibliographical references. Joint coefficient is the ratio of stress resistance transversally to welded joint over tensile strength of parent alloy. It recommends ISO/TR 17671-3 and EN 1011-3 recommendations for pre-heating conditions specially for the welding of martensitic steels. These conditions depend on the line energy of welding, thickness, arc welding process and of hydrogen rate in filler metal. It applies unreservedly to the manufacturing of new parts or for repair.

Keel en

FprEN 60952-1

Identne FprEN 60952-1:2011

ja identne IEC 60952-1:201X

Tähtaeg 31.03.2012

Aircraft batteries - Part 1: General test requirements and performance levels

This part of IEC 60952 defines test procedures for the evaluation, comparison and qualification of batteries and states minimum performance and environmental levels for airworthiness. Where specific tests are defined with no pass/fail requirement (to establish performance capability), the manufacturer's declared values, from qualification testing, will be used to establish minimum requirements for ongoing maintenance of approval for that design of battery. To provide representative examples, this standard utilises voltage and current values based upon an aircraft electrical system nominally rated at 28 V d.c. Additionally, the nominal values for cell voltage are assumed to be 1,2 V per cell for nickel-cadmium batteries and 2,0 V per cell for lead-acid batteries. It is important to note that when using this standard to evaluate products designed to operate on an aircraft electrical system other than the nominal 28 V d.c., or whose chemical properties are such that the individual cell voltage differs from that stated above, test values need to be adjusted accordingly. The specific topics addressed in this part of 60952 serve to establish acceptable quality standards required to qualify a battery as airworthy. In cases where the requirements for a specific application exceed those detailed in this standard the purchaser will detail said requirements in the product specification and the method of establishing compliance.

Keel en

Asendab EVS-EN 60952-1:2005

FprEN 60952-2

Identne FprEN 60952-2:2011

ja identne IEC 60952-2:201X

Tähtaeg 31.03.2012

Aircraft batteries - Part 2: Design and construction requirements

This part of IEC 60952 defines the physical design, construction and material requirements for nickel-cadmium and lead-acid aircraft batteries containing vented or valve-regulated cells or monoblocs. The batteries are used for both general purposes and specific aerospace applications. The specific topics addressed in this part serve to establish acceptable quality standards required to qualify a battery as airworthy as defined in Clause 3 of IEC 60952-1. A preferred range of aircraft batteries is specified in Annex A, but this part of IEC 60952 may be used for other battery sizes, arrangements and ratings. For particular applications, other design requirements may be stipulated. These will be in addition to the requirements of this part and will be covered by specific documents.

Keel en

Asendab EVS-EN 60952-2:2005

FprEN 60952-3

Identne FprEN 60952-3:2011

ja identne IEC 60952-3:201X

Tähtaeg 31.03.2012

Aircraft batteries - Part 3: Product specification and declaration of design and performance (DDP)

This part of IEC 60952 defines requirements for the product specification as well as procedures for a Declaration of Design and Performance (DDP) for nickel-cadmium and lead-acid aircraft batteries containing vented or valve-regulated cells or monoblocs. The batteries are used for both general purposes and specific aerospace applications. The specific topics addressed in this part serve to establish acceptable quality standards required to qualify a battery as airworthy as defined in Clause 3 of IEC 60952-1. The design construction and test requirements should conform to the requirements specified in IEC 60952-1 and IEC 60952-2.

Keel en

Asendab EVS-EN 60952-3:2005

53 TÕSTE- JA TEISALDUS-SEADMED

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 474-4:2007+A2:2012

Hind 10,61

Identne EN 474-4:2006+A2:2012

Mullatöömasinad. Ohutus. Osa 4: Ületõstelaaduritele esitatavad nõuded KONSOLIDEERITUD TEKST

This part of EN 474 deals with all significant hazards, hazardous situations and events relevant to wheel and crawler backhoe loaders as defined in EN ISO 6165:2006, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). This part also deals with fork application, object handling application and log handling. The requirements of this part are complementary to the common requirements formulated in !EN 474-1:2006+A1:2009". This does not repeat the requirements from !EN 474-1:2006+A1:2009", but adds or replaces the requirements for application for backhoe loaders. This part specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards, hazardous situations and events during commissioning, operation and maintenance of backhoe loaders. This European Standard is not applicable to machinery manufactured before the date of publication of this European Standard by CEN.

Keel en

Asendab EVS-EN 474-4:2007+A1:2009

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 474-4:2007+A1:2009

Identne EN 474-4:2006+A1:2009

Mullatöömasinad. Ohutus. Osa 4: Ületõstelaaduritele esitatavad nõuded KONSOLIDEERITUD TEKST

This part of EN 474 deals with all significant hazards, hazardous situations and events relevant to wheel and crawler backhoe loaders as defined in EN ISO 6165:2006, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). This part also deals with fork application, object handling application and log handling. The requirements of this part are complementary to the common requirements formulated in !EN 474-1:2006+A1:2009". This does not repeat the requirements from !EN 474-1:2006+A1:2009", but adds or replaces the requirements for application for backhoe loaders. This part specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards, hazardous situations and events during commissioning, operation and maintenance of backhoe loaders. This European Standard is not applicable to machinery manufactured before the date of publication of this European Standard by CEN.

Keel en

Asendab EVS-EN 474-4:2007

Asendatud EVS-EN 474-4:2007+A2:2012

KAVANDITE ARVAMUSKÜSITLUS

EN 12999:2011/FprA1

Identne EN 12999:2011/FprA1:2012

Tähtaeg 31.03.2012

Kraanad. Laadurkraanad

This European Standard specifies minimum requirements for design, calculation, examinations and tests of hydraulic powered loader cranes and their mountings on vehicles or static foundations. This European Standard does not apply to loader cranes used on board ships or floating structures or to articulated boom system cranes which are designed as total integral parts of special equipment such as forwarders. The hazards covered by this standard are identified in Clause 4. This European Standard does not cover hazards related to the lifting of persons. This European Standard is not applicable to loader cranes which are manufactured before the date of its publication as EN.

Keel en

prEN 12643

Identne prEN 12643 rev:2012

ja identne ISO 5010:1992

Tähtaeg 31.03.2012

Mullatöömasinad. Õhkrehvidel masinad. Juhtimissüsteeminõuded (ISO 5010:1992 modified)

This European Standard specifies steering system tests and performance criteria for evaluating the steering capability of rubber-tyred self-propelled earth-moving machines having a machine speed, determined in accordance with ISO 6165:2006, greater than 20 km/h. It applies to tractors, loaders, backhoe loaders, excavators, dumpers, tractor-scrappers and graders equipped with either manual (unassisted) steering, power-assisted steering of fully powered steering as defined in EN ISO 6165:2006. This European Standard excludes rollers, compactors and pipelayers.

Keel en

Asendab EVS-EN 12643:1999+A1:2008

prEN ISO 3164

Identne prEN ISO 3164 rev:2012

ja identne ISO/DIS 3164:2012

Tähtaeg 31.03.2012

Mullatöömasinad. Kaitsekonstruktsioonide laboratoorne hindamine. Läbipainde piirväärtuse tehnilised andmed (ISO/DIS 3164:2012)

This International Standard specifies the deflection limiting volume (DLV) to be used when performing laboratory evaluations of structures which provide protection to operators of earth-moving machinery, as defined in ISO 6165.

Keel en

Asendatud EVS-EN ISO 3164:2008

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

UUED STANDARDID JA PUBLIKATSIOONID

EVS-ISO 1496-2:2012

Hind 17,32

ja identne ISO 1496-2:2008

1. seeria veokonteinerid. Andmed ja katsetamine.

Osa 2: Termokonteinerid

Standardi ISO 1496 see osa esitab põhilised andmed ja katsetamisnõuded rahvusvahelises vahetuskaubanduses ning kaupade veol raud- ja maanteel ning merel kasutatavate ISO 1. seeria termokonteineritele, sh neile, mida kasutatakse vahelduvalt eri transpordiviisidega.

MÄRKUS Standardi selle osa kasutusmugavuse nimel on lisas N mõõtühikute SI-süsteemis esitatud väärtuste teisendused mitte SI-süsteemi mõõtühikutele.

Keel en

Asendab EVS-ISO 1496-2:2003; EVS-ISO 1496-2:2003/A1:2006

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-ISO 1496-2:2003

ja identne ISO 1496-2:1996

1. Seeria veokonteinerid. Andmed ja katsetamine.

Osa 2: Termokonteinerid

This part of ISO 1496 lays down the basic specifications and testing requirements for ISO series 1 thermal containers which are suitable for international exchange and for conveyance by road, rail and sea, including interchange between these forms of transport.

Keel en

Asendatud EVS-ISO 1496-2:2012

EVS-ISO 1496-2:2003/A1:2006

ja identne ISO 1496-2:1996/A1:2006

1. Seeria veokonteinerid. Andmed ja katsetamine.

Osa 2: Termokonteinerid. Muudatus 1

This part of ISO 1496 lays down the basic specifications and testing requirements for ISO series 1 thermal containers which are suitable for international exchange and for conveyance by road, rail and sea, including interchange between these forms of transport.

Keel en

Asendatud EVS-ISO 1496-2:2012

KAVANDITE ARVAMUSKÜSITLUS

FprEN 60335-2-75

Identne FprEN 60335-2-75:2011

ja identne IEC 60335-2-75:201X

Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.

Ohutus. Osa 2-75: Erinõuded kaubanduslikele jaotusseadmetele ja müügiautomaatidele

This International Standard deals with the safety of electric commercial dispensing appliances and vending machines for preparation or delivery of food, drinks and consumer products, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel en

Asendab EVS-EN 60335-2-75:2004; EVS-EN 60335-2-75:2004/A1:2005; EVS-EN 60335-2-75:2004/A2:2008; EVS-EN 60335-2-75:2004/A11:2006; EVS-EN 60335-2-75:2004/A12:2010; EN 60335-2-75:2004/FprAC

FprEN ISO 8611-1

Identne FprEN ISO 8611-1 rev:2012

ja identne ISO 8611-1:2011

Tähtaeg 31.03.2012

Pallets for materials handling - Flat pallets - Part 1: Test methods (ISO 8611-1:2011)

This part of ISO 8611 specifies the test methods available for evaluating new flat pallets for materials handling. The test methods are split into groups for: - nominal load testing; - maximum working load testing; - durability comparison testing. It is not intended to apply to pallets with a fixed superstructure or a rigid, self-supporting container that can be mechanically attached to the pallet and which contributes to the strength of the pallet.

Keel en

Asendab EVS-EN ISO 8611-1:2004

FprEN ISO 8611-2

Identne FprEN ISO 8611-2:2012

ja identne ISO 8611-2:2011

Tähtaeg 31.03.2012

Pallets for materials handling - Flat pallets - Part 2: Performance requirements and selection of tests (ISO 8611-2:2011)

This part of ISO 8611 specifies the performance requirements to establish nominal loads for new flat pallets. It also specifies the tests required for new flat pallets in various handling environments and the performance requirements for tests with payloads. It is not intended to apply to pallets with a fixed superstructure or a rigid, self-supporting container that can be mechanically attached to the pallet and which contributes to the strength of the pallet.

Keel en

FprEN ISO 8611-3

Identne ISO 8611-3:2011

ja identne FprEN ISO 8611-3:2012

Tähtaeg 31.03.2012

Pallets for materials handling - Flat pallets - Part 3: Maximum working loads (ISO 8611-3:2011)

This part of ISO 8611 specifies the determination of maximum working load for new flat pallets with known payloads in different handling environments. It is not intended to apply to pallets with a fixed superstructure or a rigid, self-supporting container that can be mechanically attached to the pallet and which contributes to the strength of the pallet.

Keel en

59 TEKSTIILI- JA NAHATEHNOLOOGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 994:2012

Hind 5,88

Identne EN 994:2012

Tekstiilpõrandakatted. Plaatide küljepikkuse, täisnurksuse ja sirguse määramine

This European Standard specifies a method for determining the length and straightness of the edges and the squareness of floor coverings in the form of right-angled tiles.

Keel en

Asendab EVS-EN 994:2000

EVS-EN 12226:2012

Hind 5,88

Identne EN 12226:2012

Geosynthetics - General tests for evaluation following durability testing

This European Standard specifies test methods for determining the change in specific properties of aged geosynthetics.

Keel en

Asendab EVS-EN 12226:2001

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 994:2000**

Identne EN 994:1995

Tekstiilpõrandakatted. Plaatide küljepikkuse, täisnurksuse ja sirguse määramine

See standard määrab kindlaks meetodi täisnurksete plaatide kujuliste põrandakatete servade pikkuse ja sirguse ning täisnurksuse määramiseks.

Keel en

Asendatud EVS-EN 994:2012

EVS-EN 12226:2001

Identne EN 12226:2000

Geotekstiil ja geotekstiilitaolised tooted. Üldkatsed edasise vastupidavuse hindamiseks

See standard määrab kindlaks katsemeetodid vana geotekstiili eriomaduste muutuste määramiseks. See on rakendatav geotekstiili ja geotekstiilitaoliste toodete puhul.

Keel en

Asendab EVS-ENV 12226:1999

Asendatud EVS-EN 12226:2012

KAVANDITE ARVAMUSKÜSITLUS**FprEN ISO 30023**

Identne FprEN ISO 30023:2011

ja identne ISO 30023:2010

Tähtaeg 31.03.2012

Textiles - Qualification symbols for labelling workwear to be industrially laundered (ISO 30023:2010)

This International Standard - establishes a system of graphical symbols, intended for use in the marking of workwear articles and protective clothing providing information on the suitability for professional industrial laundering using ISO 15797, and - specifies the use of these symbols in qualifying garments as potentially suitable for industrial laundering. The following professional industrial laundering treatments are covered: washing, bleaching, tunnel finishing and tumble drying after washing. Textile-care treatments in dry and wet cleaning are covered in ISO 3175. This International Standard applies to articles of workwear and protective clothing in the form in which they are supplied to the professional launderer. It is a requirement of this International Standard that information on the performance of workwear and protective-clothing articles and their components with respect to cleaning treatments (ISO 15797) be obtained to allow selection of the appropriate labels. Only garments that can be successfully tested according to ISO 15797 need be labelled.

Keel en

prEN ISO 11646

Identne prEN ISO 11646 rev:2012

ja identne ISO/DIS 11646:2012

Tähtaeg 31.03.2012

Leather - Measurement of area (ISO/DIS 11646:2012)

This International Standard specifies a method of measuring the area of pieces of leather. It is intended only for the measurement of dressed and other dry flexible leathers.

Keel en

Asendab EVS-EN ISO 11646:2001

prEN ISO 17130

Identne prEN ISO 17130:2012

ja identne ISO/DIS 17130:2012

Tähtaeg 31.03.2012

Leather - Physical and mechanical tests - Determination of dimensional change (ISO/DIS 17130:2012)

This international standard specifies a method of determining the dimensional change (shrinkage) of leathers caused by ageing. It is applicable to all leathers.

Keel en

prEN ISO 17489

Identne prEN ISO 17489:2012

ja identne ISO/DIS 17489:2012

Tähtaeg 31.03.2012

Leather - Chemical tests - Determination of tan content in tanning agents (ISO/DIS 17489:2012)

This International Standard specifies a simple and practical method of determining the adsorbable fraction of tanning agents using a polymer-based product. It is particularly suitable for measuring the batch-to-batch consistency of synthetic tanning agents. The ISO Standard, ISO 14088, uses hide powder to determine the tanning component of a tanning agent. However, this traditional method is time consuming and not suitable when results are needed in a short period of time.

Keel en

prEN ISO 17502

Identne prEN ISO 17502:2012

ja identne ISO/DIS 17502:2012

Tähtaeg 31.03.2012

Leather - Determination of surface reflectance (ISO/DIS 17502:2012)

This International Standard specifies a method for determining the reflectance properties of a leather surface for visible and near infra-red radiation. The reflection value in the near infra-red determines if a leather can be classified as solar reflective. The method is applicable to all types of leather, in particular for coloured leather.

Keel en

61 RÕIVATÖÖSTUS

KAVANDITE ARVAMUSKÜSITLUS

FprEN 14602

Identne FprEN 14602:2012

Tähtaeg 31.03.2012

Footwear - Test method for the assessment of ecological criteria

This European Standard has been designed to define certain test methods necessary to issue the footwear Ecolabel. Many of the criteria are defined in the core of the text. However, for some criteria, this European Standard provides important clarification or gives a test method to assess the ecological criteria. NOTE The footwear Ecolabel has been published in the JOCE of 28th July 2009. This European Standard applies to any kind of footwear except those containing electrical or electronic components. The chemical analysis of the metallic components is outside of the scope of this European Standard.

Keel en

Asendab EVS-EN 14602:2005

FprEN 60204-31

Identne FprEN 60204-31:2011

ja identne IEC 60204-31:201X

Tähtaeg 31.03.2012

Masinate ohutus. Masinate elektriseadmestik. Osa 31: Ohutuse ja elektromagnetilise ühilduvuse erinõuded õmblusmasinatele, -seadetele ja -süsteemidele

This part of IEC 60204 applies to the application of electrical and electronic equipment to sewing machines, units and systems, designed specifically for professional use in the sewing industry. NOTE See IEC 60335-2-28 for requirements for sewing machines for household and similar use. The equipment covered by this part commences at the point of connection of the supply to the electrical equipment of the machine (see 5.1). This part is applicable to the electrical equipment or parts of the electrical equipment which operate with nominal supply voltages not exceeding 1 000 V for alternating current and not exceeding 1 500 V for direct current, and with nominal frequencies not exceeding 200 Hz. It does not cover all the requirements (e.g. guarding, interlocking, control) that are necessary to safeguard persons from hazards other than electrical hazards and which are specified in other standards. This part applies to sewing units and systems which are installed in dry and well-kept clean locations and which process dry sewing material, as in the clothing industry. Where sewing units and systems are used in other than dry and well-kept clean locations, more stringent measures may be necessary, which need to be agreed.

Keel en

Asendab EVS-EN 60204-31:2001

prEN ISO 16187

Identne prEN ISO 16187:2012

ja identne ISO/DIS 16187:2012

Tähtaeg 31.03.2012

Footwear - Test methods for uppers, lining and insoles - Antibacterial activity (ISO/DIS 16187:2012)

This International Standard specifies quantitative test methods to evaluate the antibacterial activity of footwear and components. This International Standard is applicable to all types of footwear and components employing non-diffusing antibacterial treatments.

Keel en

65 PÕLLUMAJANDUS

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TS 16305:2012

Hind 7,29

Identne CEN/TS 16305:2012

Liming materials - Determination of the dust content of granular liming materials before and after simulated handling conditions

This European Standard specifies a method for the determination of the amount of dust in granulated liming materials, both before and after simulated handling conditions. This method applies to all granulated and screened liming materials.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

EN 60335-2-70:2003/FprA2

Identne EN 60335-2-70:2002/FprA2:2012

ja identne IEC 60335-2-70:2002/A2:201X

Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.

Ohutus. Osa 2-70: Erinõuded lüpsimasinatele

Deals with milking machines for milking farm animals, for use in stalls or in the open. Examples are bucket and direct-to-can milking machines, milking pipeline machines, recorder milking machines. The rated voltage is less than 250 V for single-phase operation and 480 V for other operations

Keel en

EN 60335-2-71:2003/FprA2

Identne EN 60335-2-71:2003/FprA2:2012

ja identne IEC 60335-2-71:2002/A2:201X

Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.

Ohutus. Osa 2-71: Erinõuded kütteseadmetele, mis on mõeldud loomade tõuaretamiseks ja kasvatamiseks

Deals with the safety of all kinds of electrical heating appliances for rearing and breeding livestock. Examples are heat-radiating appliances, electrical sitting-hens, incubators, chicken breeding units and heating plates for animals. For room heaters, s

Keel en

EN 60335-2-76:2005/FprA2

Identne EN 60335-2-76:2005/FprA2:2012

ja identne IEC 60335-2-76:2002/A2:201X

Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.

Ohutus. Osa 2-76: Erinõuded elektritara impulsigeneraatoritele

Applicable to the safety of electric fence energizers, the rated voltage of which is not more than 250 V.

Keel en

EN 60335-2-86:2003/FprA2

Identne EN 60335-2-86:2003/FprA2:2012
ja identne IEC 60335-2-86:2002/A2:201X
Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-86: Erinõuded elektriliste kalapüügimasinatele**

Deals with the safety of electric fishing machines, in which water may be electrified for catching fish or providing barriers to animals living in water. Examples are mains-operated and battery-operated electric fishing machines. The rated voltage of port

Keel en

EN 60335-2-87:2003/FprA2

Identne EN 60335-2-87:2002/FprA2:2012
ja identne IEC 60335-2-87:2002/A2:201X
Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-87: Erinõuded elektrilistele loomauimastamiseseadmetele**

Deals with the safety of electric animal-stunning equipment, These are for industrial or commercial use, on farms or in areas where they may be a source of danger to the public. The standard covers manual, semi-automatic and automatic equipment. For electric fence energizers, see IEC 60335-2-76. For electric fishing machines, see IEC 60335-2-86

Keel en

prEN 690

Identne prEN 690:2012
Tähtaeg 31.03.2012

Põllumajandusmasinad. Sõnnikulaoturid. Ohutus

This European Standard, to be used together with EN ISO 4254-1, specifies the safety requirements and their verification for the design and construction of self-propelled, mounted and trailed manure spreaders, provided with vertical or horizontal axes rotors rear spreader device or with vertical axes disc rear spreader device. In addition, it specifies the type of information on safe working practices to be provided by the manufacturer. When requirements of this document are different from those which are stated in EN ISO 4254-1, the requirements of this document take precedence over the requirements of EN ISO 4254-1 for machines that have been designed and built according to the provisions of this document. This document, taken together with EN ISO 4254-1, deals with all the significant hazards, hazardous situations and events relevant to manure spreaders, when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer (see Table 1), except the hazards arising from: - vibrations of self-propelled machinery; - travelling function of self-propelled machinery; - overturning in regard to the protection of the operator at the driving station of a self-propelled machine.

Keel en

Asendab EVS-EN 690:2003+A1:2009

prEN ISO 5395-1

Identne prEN ISO 5395-1:2012
ja identne ISO/DIS 5395-1:2012
Tähtaeg 31.03.2012

Garden equipment - Safety requirements for combustion-enginepowered lawnmowers - Part 1: Terminology and common tests (ISO/DIS 5395-1:2012)

This part of ISO 5395 specifies terminology and common test methods used for verification of safety requirements for internal combustion engine powered rotary lawnmowers and cylinder lawnmowers including pedestrian controlled (with or without sulky) and ride-on (riding or standing) types (hereafter named "lawnmower"), and equipped with: - metallic cutting means and/or; - non-metallic cutting means with one or more cutting elements pivotally mounted on a generally circular drive unit, where these cutting elements rely on centrifugal force to achieve cutting, and have a kinetic energy for each single cutting element of 10 J or more. This document does not apply to: - robotic and remote controlled lawnmowers, flail mowers, grassland mowers, sickle bar mowers, towed/semi-mounted grass cutting machines, and scrub-clearing machines; - cutting means assembly when used in combination with an agricultural tractor; - electrical powered and battery-powered lawnmowers. NOTE IEC 60335-1[1] together with IEC 60335-2-77[2] give requirements for pedestrian-controlled walk-behind electrically powered lawn mowers This document is not applicable to lawnmowers which are manufactured before the date of publication of this document.

Keel en

Asendab EVS-EN 836:1999+A4:2011

prEN ISO 5395-2

Identne prEN ISO 5395-2:2012
ja identne ISO/DIS 5395-2:2012
Tähtaeg 31.03.2012

Garden equipment - Safety requirements for combustion-enginepowered lawnmowers - Part 2: Pedestrian-controlled lawnmowers (ISO/DIS 5395-2:2012)

1.1 This document specifies safety requirements and their verification for internal combustion engine powered pedestrian controlled (with or without sulky) rotary lawnmowers and cylinder lawnmowers (hereafter named "lawnmower"), and equipped with: - metallic cutting means; and/or - non-metallic cutting means with one or more cutting elements pivotally mounted on a generally circular drive unit, where these cutting elements rely on centrifugal force to achieve cutting, and have a kinetic energy for each single cutting element of 10 J or more. This document does not apply to: - robotic and remote controlled lawnmowers, flail mowers, grassland mowers, sickle bar mowers, towed/semi-mounted grass cutting machines, and scrub-clearing machines; - electrical powered and battery-powered lawnmowers; - pedestrian controlled lawnmower with a swing-over handle. NOTE IEC 60335-1[2] together with IEC 60335-2-77[3] give requirements for pedestrian-controlled walk-behind electrically powered lawnmowers 1.2 This document deals with all significant hazards, hazardous situations or events (see Annex A) relevant to lawnmowers when used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer. 1.3 This document is not applicable to lawnmowers which are manufactured before the date of publication of this document.

Keel en

Asendab EVS-EN 836:1999+A4:2011

prEN ISO 5395-3

Identne prEN ISO 5395-3:2012
ja identne ISO/DIS 5395-3:2012
Tähtaeg 31.03.2012

Garden equipment - Safety requirements for combustion-enginepowered lawnmowers - Part 3: Ride-on lawnmowers (ISO/DIS 5395-3:2012)

1.1 This document specifies safety requirements and their verification for internal combustion engine powered ride-on (seated or standing) rotary lawnmowers and cylinder lawnmowers (hereafter named "lawnmower"), and equipped with: - metallic cutting means; and/or - non-metallic cutting means with one or more cutting elements pivotally mounted on a generally circular drive unit, where these cutting elements rely on centrifugal force to achieve cutting, and have a kinetic energy for each single cutting element of 10 J or more. This document does not apply to: - robotic and remote controlled lawnmowers, flail mowers, grassland mowers, sickle bar mowers, towed/semi-mounted grass cutting machine, and scrub-clearing machines; - cutting means assembly when used in combination with an agricultural tractor; - electrical powered and battery-powered lawnmowers. 1.2 This document deals with all significant hazards, hazardous situations or events (see Annex C) relevant to lawnmowers when used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer. 1.3 This document is not applicable to lawnmowers which are manufactured before the date of publication of this document.

Keel en

Asendab EVS-EN 836:1999+A4:2011

prEN ISO 19932-1

Identne prEN ISO 19932-1:2011
ja identne ISO/DIS 19932-1:2011
Tähtaeg 31.03.2012

Equipment for crop protection - Knapsack sprayers - Part 1: Safety and environmental requirements (ISO/DIS 19932-1:2011)

This part of ISO 19932 specifies the safety and environmental requirements and their verification for the design and construction of knapsack sprayers carried on the back or shoulder of the operator for use with plant protection products. In addition, it specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer. It is applicable to lever-operated knapsack sprayers, knapsack compression sprayers and knapsack sprayers driven by an engine or electric motor using hydraulic pressure atomisation of spray liquid, with a nominal volume of more than 3 l, for their intended use in, for example, agriculture and horticulture. It does not apply to knapsack mistblowers. This part of ISO 19932 deals with all significant hazards, hazardous situations or hazardous events relevant to knapsack sprayers when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Annex A), excepting the hazards arising from: - static electricity; - explosion or fire from chemicals for spraying; and - insufficient structural integrity. - This document is not applicable to knapsack sprayers which are manufactured before the date of publication of this document.

Keel en

prEN ISO 19932-2

Identne prEN ISO 19932-2:2011
ja identne ISO/DIS 19932-2:2011
Tähtaeg 31.03.2012

Equipment for crop protection - Knapsack sprayers - Part 2: Test methods (ISO/DIS 19932-2:2011)

This part of ISO 19932 specifies test methods for knapsack sprayers carried on the back or shoulder of the operator for use with plant protection products. It is applicable to lever-operated knapsack sprayers, knapsack compression sprayers and knapsack sprayers driven by an engine or electric motor using hydraulic pressure atomisation of the spray liquid, with a nominal volume of more than 3 l, for their intended use in, for example, agriculture and horticulture. It does not apply to knapsack mistblowers.

Keel en

67 TOIDUAINETE TEHNOLOOGIA

KAVANDITE ARVAMUSKÜSITLUS

prEN ISO 21572

Identne prEN ISO 21572:2012
ja identne ISO/DIS 21572:2012
Tähtaeg 31.03.2012

Foodstuffs - Molecular biomarker analysis - Protein-based methods (ISO/DIS 21572:2012)

This International Standard provides general guidelines and performance criteria for methods for the detection and/or quantification of specific proteins or protein(s) of interest [POI(s)] in a specified matrix. These general guidelines address existing antibody based methods. Methods other than those described in Annex A or Annex B may also detect the POI. The same criteria as outlined in this standard apply generally.

Keel en

Asendab EVS-EN ISO 21572:2004

71 KEEMILINE TEHNOLOOGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 14624:2012

Hind 10,61
Identne EN 14624:2012

Performance of portable leak detectors and of room monitors for halogenated refrigerants

The purpose of this European Standard is to qualify the performance of portable sniffing leak detectors and room monitors for halogenated refrigerants. These leak detectors are designed for the detection of CFC, HCFC, HFC and PFC halogenated gases, and their detection limit is checked with a calibration leak or calibration gas.

Keel en

Asendab EVS-EN 14624:2005

EVS-EN 15492:2012

Hind 7,29

Identne EN 15492:2012

Ethanol as a blending component for petrol - Determination of inorganic chloride and sulfate content - Ion chromatographic method

This European Standard specifies an ion chromatographic (IC) method for the determination of inorganic chloride content in ethanol from about 1 mg/kg to about 30 mg/kg and of sulfate content in ethanol from about 1 mg/kg to about 20 mg/kg. NOTE Sulfate content can be determined from 0,5 mg/kg to 1,0 mg/kg. However, the precision was not established as no samples with sulfate content in this range were included in the interlaboratory test. WARNING - 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 15492 V2:2008

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 14624:2005

Identne EN 14624:2005

Performances of mobile leak detectors and of room controllers of halogenated refrigerants

The purpose of this document is to qualify performances of leak detectors or room controllers of halogenated refrigerants. These leak detectors are designed for the detection of CFC, HCFC, HFC and PFC halogenated gases, and their sensitivity is checked with a calibrated leak.

Keel en

Asendatud EVS-EN 14624:2012

KAVANDITE ARVAMUSKÜSITLUS

prEN 73

Identne prEN 73 rev:2012

Tähtaeg 31.03.2012

Puidukaitsevahendid. Töödeldud puidu kiirendatud vanandamine enne bioloogilist katsetamist. Aurustus-vanandamisprotseduur

This European Standard describes an evaporative ageing procedure, applicable to test specimens of wood which have been previously treated with a wood preservative, in order to evaluate any loss of effectiveness when these test specimens are subsequently subjected to biological tests.

Keel en

Asendab EVS-EN 73:1999

prEN 330

Identne prEN 330 rev:2012

Tähtaeg 31.03.2012

Wood preservatives - Determination of the relative protective effectiveness of a wood preservative for use under a coating and exposed out-of-ground contact - Field test: L-joint method

This European Standard specifies a method for determining the relative protective effectiveness against fungal decay of a wood preservative applied to wood in combination with a subsequent surface coating, exposed to the weather and out of contact with the ground. The effectiveness is evaluated relative to a reference material. The method is applicable to the testing of commercial or experimental preservatives applied to non-durable timbers by methods appropriate to commercial practice and subsequently coated with a specified coating system. The method is applicable to products and processes used individually or in combination to prevent the development of decay in the wood. The method is also appropriate for factory finishing systems which include wood protection and wood preservation claims.

Keel en

Asendab EVS-EN 330:2000

75 NAFTA JA NAFTATEHNOLOOGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 1428:2012

Hind 6,71

Identne EN 1428:2012

Bitumen and bituminous binders - Determination of water content in bituminous emulsions - Azeotropic distillation method

This European Standard specifies a method for the determination of the water content in bituminous emulsions by means of distillation. WARNING - The use of this standard may involve hazardous materials, operations and equipment. This standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 1428:2000

EVS-EN 14961-6:2012

Hind 7,93

Identne EN 14961-6:2012

Solid biofuels - Fuel specifications and classes - Part 6: Nonwoody pellets for non-industrial use

This European standard determines the fuel quality classes and specifications of non-woody pellets for non-industrial use. This European standard covers only non-woody pellets produced from the following raw material (see EN 14961-1:2010, Table 1): - 2

Herbaceous biomass. NOTE 1 Herbaceous biomass is from plants that have a non-woody stem and which die back at the end of the growing season. It includes grains or seeds crops from food processing industry and their by-products such as cereal straw: - 3 Fruit biomass; - 4 Biomass blends and mixtures. NOTE 2 Group 4 Blends and mixtures include blends and mixtures from the main origin-based solid biofuel groups woody, herbaceous biomass and fruit biomass. Blends are intentionally mixed biofuels, whereas mixtures are unintentionally mixed biofuels. The origin of the blend and mixture should be described using EN 14961-1:2010, Table 1. If solid biofuel blend or mixture contains chemically treated material, it should be stated.

Keel en

EVS-EN 15234-2:2012

Hind 8,63

Identne EN 15234-2:2012

Solid biofuels - Fuel quality assurance - Part 2: Wood pellets for non-industrial use

This European Standard defines the procedures to fulfil the quality requirements (quality control) and describes measures to ensure adequate confidence that the wood pellet specification described in EN 14961-2 is fulfilled (quality assurance). This European Standard covers the production and delivery chain, from purchasing of raw materials to point of delivery to the enduser. This European standard covers only quality assurance for wood pellets produced from the woody biomasses stated in EN 14961-1:2010, Table 1 and EN 14961-2.

Keel en

EVS-EN 15234-4:2012

Hind 8,63

Identne EN 15234-4:2012

Solid biofuels - Fuel quality assurance - Part 4: Wood chips for non-industrial use

This European Standard defines the procedures to fulfil the quality requirements (quality control) and describes measures to ensure adequate confidence that the wood chips specification for non-industrial use as described in EN 14961-4 is fulfilled (quality assurance). This European Standard covers the raw material supply, production and delivery chain, from purchasing of raw materials to point of delivery to the end-user. This European standard covers only quality assurance for wood chips produced from the woody biomasses stated in EN 14961-1:2010, Table 1 and EN 14961-4.

Keel en

EVS-EN 15234-5:2012

Hind 7,93

Identne EN 15234-5:2012

Solid biofuels - Fuel quality assurance - Part 5: Firewood for non-industrial use

This European Standard defines the procedures to fulfil the quality requirements (quality control) and describes measures to ensure adequate confidence that specification of firewood described in EN 14961-5 is fulfilled (quality assurance). This European Standard covers the raw material supply, production and delivery chain, from purchasing of raw materials to point of delivery to the end-user. This European standard covers only quality assurance for firewood produced from the woody biomasses stated in EN 14961-1:2010, Table 1 and EN 14961-5.

Keel en

EVS-EN 15234-6:2012

Hind 8,63

Identne EN 15234-6:2012

Solid biofuels - Fuel quality assurance - Part 6: Non-woody pellets for non-industrial use

This European Standard defines the procedures to fulfil the quality requirements (quality control) and describes measures to ensure adequate confidence that the non-woody pellet specification described in EN 14961-6 is fulfilled (quality assurance). This European Standard covers production and delivery chain, from purchasing of raw materials to point of delivery to the end-user. This European standard covers only quality assurance for non-woody pellets produced from the non-woody biomasses stated in EN 14961-1:2010, Table 1 and EN 14961-6.

Keel en

EVS-EN 15492:2012

Hind 7,29

Identne EN 15492:2012

Ethanol as a blending component for petrol - Determination of inorganic chloride and sulfate content - Ion chromatographic method

This European Standard specifies an ion chromatographic (IC) method for the determination of inorganic chloride content in ethanol from about 1 mg/kg to about 30 mg/kg and of sulfate content in ethanol from about 1 mg/kg to about 20 mg/kg. NOTE Sulfate content can be determined from 0,5 mg/kg to 1,0 mg/kg. However, the precision was not established as no samples with sulfate content in this range were included in the interlaboratory test. WARNING - 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 15492 V2:2008

EVS-EN ISO 13678:2012

Hind 16,36

Identne EN ISO 13678:2012

ja identne ISO 13678:2010

Petroleum and natural gas industries - Evaluation and testing of thread compounds for use with casing, tubing, line pipe and drill stem elements (ISO 13678:2010)

This International Standard provides requirements, recommendations and methods for the testing of thread compounds intended for use on threaded casing, tubing, and line pipe connections; and for thread compounds intended for use on rotary shouldered connections. The tests outlined are used to evaluate the critical performance properties and physical and chemical characteristics of thread compounds under laboratory conditions. These test methods are primarily intended for thread compounds formulated with a lubricating base grease and are not applicable to some materials used for lubricating and/or sealing thread connections. It is recognized that many areas can have environmental requirements for products of this type. This International Standard does not include requirements for environmental compliance. It is the responsibility of the end user to investigate these requirements and to select, use and dispose of the thread compounds and related waste materials accordingly.

Keel en

Asendab EVS-EN ISO 13678:2009

EVS-EN 15234-3:2012

Hind 8,63

Identne EN 15234-3:2012

Solid biofuels - Fuel quality assurance - Part 3: Wood briquettes for non-industrial use

This European Standard defines the procedures to fulfil the quality requirements (quality control) and describes measures to ensure adequate confidence that the wood briquette specification described in EN 14961-3 is fulfilled (quality assurance). This European Standard covers the production and delivery chain, from purchasing of raw materials to point of delivery to the end-user. This European standard covers only quality assurance for wood briquettes produced from the woody biomasses stated in EN 14961-1:2010, Table 1 and EN 14961-3.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 1428:2000**

Identne EN 1428:1999

Petroleum products - Bitumen and bituminous binders - Determination of water content in bitumen emulsions - Distillation method

This European Standard specifies a method for the determination of water content in bitumen emulsions by means of distillation.

Keel en

Asendatud EVS-EN 1428:2012

EVS-EN 15492 V2:2008

Identne EN 15492:2008

Ethanol as a blending component for petrol - Determination of inorganic chloride and sulfate content - Ion chromatographic method

This European Standard specifies an ion chromatographic (IC) method for the determination of the inorganic chloride content in ethanol from 2,0 mg/l to 25,0 mg/l and of the sulfate content in ethanol from 0,9 mg/l to 15,0 mg/l. NOTE Inorganic chloride content can be determined from 0,8 mg/l to 2,0 mg/l and sulfate content can be determined from 0,4 mg/l to 0,9 mg/l. However, the precision was not established as no samples with chloride and sulfate contents in these ranges were included in the interlaboratory test.

Keel en

Asendab EVS-EN 15492 V1:2008

Asendatud EVS-EN 15492:2012

EVS-EN ISO 13678:2009

Identne EN ISO 13678:2009

ja identne ISO 13678:2009

Petroleum and natural gas industries - Evaluation and testing of thread compounds for use with casing, tubing, line pipe and drill stem elements

This International Standard provides requirements, recommendations and methods for the testing of thread compounds intended for use on ISO/API thread forms, as well as proprietary casing, tubing, line pipe and drill stem elements with rotary shouldered connections. The tests outlined are used to evaluate the critical performance properties and physical and chemical characteristics of thread compounds under laboratory conditions. These test methods are primarily intended for thread compounds formulated with a lubricating base grease and are not applicable to some materials used for lubricating and/or sealing thread connections. It is recognized that many areas can have environmental requirements for products of this type. This International Standard does not include requirements for environmental compliance. It is the responsibility of the end user to investigate these requirements and to select, use and dispose of the thread compounds and related waste materials accordingly.

Keel en

Asendatud EVS-EN ISO 13678:2012

KAVANDITE ARVAMUSKÜSITLUS

FprEN 62282-3-201

Identne FprEN 62282-3-201:2012
ja identne IEC 62282-3-201:201X
Tähtaeg 31.03.2012

Fuel cell technologies - Part 3-201: Small stationary fuel cell power systems - Performance test methods

This international standard provides the test methods for the electric/thermal and environmental performance of small stationary fuel cell power systems that meet the following criteria: Output: nominal electric power output of less than 10 kW; Output mode: grid-connected/independent operation or stand-alone operation with single-phase AC output or 3-phase AC output not exceeding 1000 V, or DC output not exceeding 1500V; NOTE The limit to 1000 V comes from the definition of "low voltage" in IEC (IEC number 601-01-26). Operating pressure: maximum allowable working pressure of less than 0,1 MPa (G) for the fuel and oxidant passages; Fuel: gaseous fuel (natural gas, liquefied petroleum gas, propane, butane, hydrogen, etc.) or liquid fuel (kerosene, methanol, etc.); and, Oxidant: air. This standard covers fuel cell power systems whose primary purpose is the production of electric power and secondary purpose is the utilization of by-product heat. Accordingly, fuel cell power systems for which the use of heat is primary and the use of by-product electric power is secondary are outside the scope of this standard.

Keelen

prEN ISO 13628-6

Identne prEN ISO 13628-6:2012
ja identne ISO/DIS 13628-6:2012
Tähtaeg 31.03.2012

Petroleum and natural gas industries - Design and operation of subsea production systems - Part 6: Subsea production control systems (ISO/DIS 13628-6:2012)

This part of ISO 13628 is applicable to design, fabrication, testing, installation and operation of subsea production control systems. This part of ISO 13628 covers surface control system equipment, subsea-installed control system equipment and control fluids. This equipment is utilized for control of subsea production of oil and gas and for subsea water and gas injection services. Where applicable, this part of ISO 13628 can be used for equipment on multiple-well applications. Rework and repair of used equipment are beyond the scope of this part of ISO 13628.

Keelen

Asendab EVS-EN ISO 13628-6:2006

prEN ISO 28300

Identne prEN ISO 28300:2011
ja identne ISO/DIS 28300:2011
Tähtaeg 31.03.2012

Nafta-, naftakeemia- ja maagaasitööstused. Atmosfääri- ja madalrõhu hoiumahutite õhutamine (ISO/DIS 28300:2011)

This International Standard covers the normal and emergency vapour venting requirements for aboveground liquid petroleum or petroleum products storage tanks and aboveground and underground refrigerated storage tanks designed for operation at pressures from full vacuum through 103,4 kPa (ga) [15psig]. Discussed in this International Standard are the causes of overpressure and vacuum; determination of venting requirements; means of venting; selection, and installation of venting devices; and testing and marking of relief devices. This International Standard is intended for tanks containing petroleum and petroleum products but it can also be applied to tanks containing other liquids; however, it is necessary to use sound engineering analysis and judgment whenever this International Standard is applied to other liquids. This International Standard does not apply to external floating-roof tanks.

Keelen

Asendab EVS-EN ISO 28300:2008; EVS-EN ISO 28300:2008/AC:2009

77 METALLURGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 10218-1:2012

Hind 7,29

Identne EN 10218-1:2012

Terastraat ja traattooted. Üldinfo. Osa 1: Katsemeetodid

This European Standard specifies the methods for the general testing of steel wire and wire products which have been cold worked, annealed or oil hardened and tempered and/or coated and are of constant cross section, either round, or special section. It includes tensile testing, torsion testing, reverse bend testing, wrapping test, bend test, reverse torsion test, compression test, deep etch test, hardness test, quench hardenability test, fatigue test, wire cast measurement, artificial ageing, decarburization test, non-destructive tests, grain size tests, segregation test, non-metallic inclusion test and chemical analysis.

Keelen

Asendab EVS-EN 10218-1:2000

EVS-EN 10218-2:2012

Hind 6,71

Identne EN 10218-2:2012

Terastraat ja traattooted. Üldinfo. Osa 2: Traadi mõõtmed ja tolerantsid

This European Standard specifies the tolerances on diameter of round wire and, where applicable, on the length of round wire cut to length, for bright steel wire, (i.e. uncoated), metallic coated steel wire and nonmetallic coated steel wire. This European Standard should not be applied where other requirements for dimensions and tolerances are specified in a particular product standard.

Keelen

Asendab EVS-EN 10218-2:2000

EVS-EN 10264-2:2012

Hind 6,71

Identne EN 10264-2:2012

Steel wire and wire products - Steel wire for ropes - Part 2: Cold drawn non alloy steel wire for ropes for general applications

This part of this European Standard defines cold drawn non alloy steel wire used for the manufacture of: - ropes for general applications and lifts; - ropes for applications for which there is no specific EN standard. This part of this European Standard does not apply to steel wire taken from manufactured ropes. This part of this European Standard specifies the following for cold drawn non alloy steel wire for ropes for general applications: - dimensional tolerances; - mechanical characteristics; - requirements relating to the chemical composition of the steel wire; - conditions to be satisfied by any coating. In addition to the requirements of this part of this European Standard, the requirements of EN 10264-1 also apply.

Keel en

Asendab EVS-EN 10264-2:2002

EVS-EN 10264-3:2012

Hind 8,63

Identne EN 10264-3:2012

Steel wire and wire products - Steel wire for ropes - Part 3: Round and shaped non alloyed steel wire for high duty applications

This part of this European Standard specifies round and shaped non alloyed steel wire for use in the manufacture of ropes for mine hoisting, man-riding haulage, cableways for the transportation of passengers and other high duty applications. Heavy duty refers to situations where the stresses applied to the rope are either high or vary by a large amount during service. This part of this European Standard refers to round wires and three types of shaped wire: full lock (Z), half lock (H) and trapezoidal (T). In addition to the requirements of this part of this European Standard, the requirements of EN 10264-1 also apply. It does not apply to steel wire taken from manufactured ropes. This part of this European Standard specifies the following for cold drawn non alloyed steel wire for ropes for high duty applications: - dimensional tolerances; - mechanical characteristics; - requirements relating to the chemical composition of the steel wire; - conditions to be satisfied by any coating.

Keel en

Asendab EVS-EN 10264-3:2002

EVS-EN 10264-4:2012

Hind 5,88

Identne EN 10264-4:2012

Steel wire and wire products - Steel wire for ropes - Part 4: Stainless steel wire

This part of this European Standard specifies the characteristics of stainless steel wire for the manufacture of ropes that are exposed to corrosion and in some cases to a moderate temperature. This part of this European Standard specifies the following for stainless steel wire for ropes: - dimensional tolerances; - mechanical characteristics; - requirements relating to the chemical composition of the stainless steel wire; - conditions to be satisfied by any coating.

Keel en

Asendab EVS-EN 10264-4:2002

EVS-EN 10264-1:2012

Hind 6,71

Identne EN 10264-1:2012

Steel wire and wire products - Steel wire for ropes - Part 1: General requirements

This part of this European Standard defines the general requirements for wire intended for mechanical steel ropes. Additional requirements are given in the following parts of this European Standard, which are specific to each category of wire. This part of this European Standard specifies: - dimensional tolerances; - mechanical characteristics; - requirements relating to the chemical composition of the steel wire; - conditions to be satisfied by any coating.

Keel en

Asendab EVS-EN 10264-1:2002

EVS-EN 13835:2012

Hind 13,36

Identne EN 13835:2012

Valutehnoloogia. Austeniitvalumalm

This European Standard specifies the grades and corresponding requirements for austenitic cast irons. These requirements are specified in terms of: - graphite form and metal structure: either flake or spheroidal graphite in an austenitic matrix; - chemical composition: as given for each of the grades; - mechanical properties measured on machined test pieces prepared from cast samples. This standard does not cover technical delivery conditions for iron castings, see EN 1559-1 [1] and EN 1559-3 [2].

Keel en

Asendab EVS-EN 13835:2002/A1:2006; EVS-EN 13835:2002

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 10218-2:2000

Identne EN 10218-2:1996

Terastraat ja traattooted. Üldinfo. Osa 2: Traadi mõõtmed ja tolerantsid

See standardi osa määrab kindlaks ümmarguse traadi diameetri tolerantsid ning seal, kus see rakendatav on, ka teatud pikkusesse lõigatud ümmarguse traadi pikkuse tolerantsid. Need tolerantsid kehtivad halja terastraadi (s.t pinnakatteta traadi), metallpinnakattega terastraadi ja mittemetallpinnakattega terastraadi kohta.

Keel en

Asendatud EVS-EN 10218-2:2012

EVS-EN 10218-1:2000

Identne EN 10218-1:1994

Terastraat ja traattooted. Üldinfo. Osa 1: Katsemeetodid

See EN 10218 standardi osa määrab kindlaks üldised katsetusmeetodid terastraadi ja traadist toodete kohta, mis on külmtöödeldud, lõõmutatud või õlikarastatud ja noolutatud ja/või pinnakattega ning millel on ümar või erikujuline konstantne ristlõige.

Keel en

Asendatud EVS-EN 10218-1:2012

EVS-EN 10264-2:2002

Identne EN 10264-2:2002

Steel wire and wire products - Steel wire for ropes - Part 2: Cold drawn non alloy steel wire for ropes for general applications

This part of this European Standard defines cold drawn non alloy steel wire used for the manufacture of: - Ropes for general applications and lifts; - Ropes for applications for which there is no specific EN standard. This part of this standard does not apply to steel wire taken from manufactured ropes. This part of this European standard specifies the following for cold drawn non alloy steel wire for ropes for general applications: dimensional tolerances; mechanical characteristics; requirements relating to the chemical composition of the steel wire; conditions to be satisfied by any coating. In addition to the requirements of this part of this European standard, the requirements of prEN 10264-1 also apply.

Keel en

Asendatud EVS-EN 10264-2:2012

EVS-EN 10264-3:2002

Identne EN 10264-3:2002

Steel wire and wire products - Steel wire for ropes - Part 3: Cold drawn and cold shaped non alloyed steel wire for high duty applications

Steel wire and wire products - Steel wire for ropes - Part 3: Cold drawn and cold shaped non alloyed steel wire for high duty applications

Keel en

Asendatud EVS-EN 10264-3:2012

EVS-EN 10264-4:2002

Identne EN 10264-4:2002

Steel wire and wire products - Steel wire for ropes - Part 4: Stainless steel wire

This Part of this European Standard specifies the characteristics of stainless steel wire for the manufacture of ropes that are exposed to corrosion and in some cases to a moderate temperature. This part of this European standard specifies the following for stainless steel wire for ropes - dimensional tolerances; - mechanical characteristics; - requirements relating to the chemical composition of the stainless steel wire; - conditions to be satisfied by any coating

Keel en

Asendatud EVS-EN 10264-4:2012

EVS-EN 13835:2002

Identne EN 13835:2002

Valutehnoloogia. Austeniitvalumalm

This European Standard specifies the grades and corresponding requirements for austenitic cast irons. These requirements are specified in terms of: - graphite form and metal structure: either flake or spheroidal graphite in an austenitic matrix; - chemical composition: as given for each of the grades; - mechanical properties: obtained from separately cast samples

Keel en

Asendatud EVS-EN 13835:2012

EVS-EN 13835:2002/A1:2006

Identne EN 13835:2002/A1:2006

Valutehnoloogia. Austeniitvalumalm

This European Standard specifies the grades and corresponding requirements for austenitic cast irons. These requirements are specified in terms of: - graphite form and metal structure: either flake or spheroidal graphite in an austenitic matrix; - chemical composition: as given for each of the grades; - mechanical properties: obtained from separately cast samples

Keel en

Asendatud EVS-EN 13835:2012

KAVANDITE ARVAMUSKÜSITLUS**prEN 10293**

Identne prEN 10293 rev:2012

Tähtaeg 31.03.2012

Steel casting and forgings - Steel castings for general engineering uses

This document applies to steel castings: - for general engineering uses. Its uses include machinery (mechanical, electrical...), automotive industries, railroad, armament, agricultural equipment, mining In cases where castings are joined by welding by the founder, this document applies. In cases where castings are welded: - to wrought products (plates, tubes, forgings...), or - by non founders this document does not apply.

Keel en

Asendab EVS-EN 10293:2005; EVS-EN 10293:2005/AC:2008

79 PUIDUTEHNOLOOGIA**KAVANDITE ARVAMUSKÜSITLUS****EN 859:2007+A1:2010/FprA2**

Identne EN 859:2007+A1:2009/FprA2:2012

Tähtaeg 31.03.2012

Puidutöötlemismasinate ohutus. Käsitsietteandega rihthöövelpingid

This document specifies all significant hazards, hazardous situation and events as listed in Clause 4 relevant to stationary and displaceable hand fed surface planing machines fitted or not with demountable power feed unit hereinafter referred to as "machines" designed to cut solid wood, chipboard, fibreboard and plywood when they are used as intended and under the conditions foreseen by the manufacturer.

Keel en

EN 860:2007+A1:2009/FprA2

Identne EN 860:2007+A1:2009/FprA2:2012

Tähtaeg 31.03.2012

Puidutöötlemismasinate ohutus. Ühepoolised paksushöövelpingid

This document specifies all significant hazards, hazardous situations and events as listed in Clause 4, relevant to stationary and displaceable one side thickness planing machines fitted with an integrated feed and with cutterblock fixed in position and manual loading and unloading of the work-piece, hereinafter referred to as "machines", designed to cut solid wood, chipboard, fibreboard and plywood when they are used as intended and under the conditions foreseen by the manufacturer.

Keel en

EN 861:2007+A1:2009/FprA2

Identne EN 861:2007+A1:2009/FprA2:2012
Tähtaeg 31.03.2012

Safety of woodworking machines - Surface planing and thicknessing machines

This document specifies all significant hazards, hazardous situation and events as listed in Clause 4 relevant to stationary and displaceable surface planing and thicknessing machines with an integrated feed in thicknessing mode, (with or without demountable power feed unit in planning mode) and with manual loading and unloading of the work-piece, hereinafter referred to as "machines". The cutterblock is fixed in position and for thicknessing an integrated feed is provided. The machines are designed to cut solid wood, chipboard, fibreboard and plywood when they are used as intended and under the conditions foreseen by the manufacturer.

Keel en

EN 1870-5:2002+A1:2009/FprA2

Identne EN 1870-5:2002+A1:2009/FprA2:2012
Tähtaeg 31.03.2012

Puidutöötlemismasinate ohutus.

Ketassaagimisseadmed. Osa 5:

Ketassaepingid/ülallõikamise järkamissaeseadmed

For Computer Numerically Controlled (CNC) machines this European Standard does not cover hazards related to Electro-Magnetic Compatibility (EMC). This European Standard is primarily directed at machines which are manufactured after the date of issue of this European Standard.

Keel en

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 1096-1:2012

Hind 9,91

Identne EN 1096-1:2012

Ehitusklaas. Pinnatud klaas. Osa 1: Määratlused ja liigitus

This European Standard defines the characteristics, properties and classification of coated glass for use in building. Test methods and procedures used to establish durability are in Parts 2 and 3 of this standard. Factory production control and evaluation of conformity, including Annex ZA, are in Part 4 of this standard. Test methods for determination of self cleaning performances of coated glass are in Part 5. This standard applies to coated glass for glazing application for use in normally occupied domestic or commercial premises. This standard is not applicable to: - adhesive backed polymeric films on glass (prEN 15755-1); - mirrors made from silvered float glass (EN 1036-1); - enamelled glass (EN 12150-1, EN 1863-1, 14179-1). - Painted glass (standard in development)

Keel en

Asendab EVS-EN 1096-1:2002

EVS-EN 1096-3:2012

Hind 9,27

Identne EN 1096-3:2012

Glass in building - Coated glass - Part 3: Requirements and test methods for class C and D coatings

This European Standard specifies requirements and a test method related to resistance to solar radiation for coated glass for use in buildings. This test is aimed at evaluating if the exposure to solar radiation over an extended period of time produces any appreciable change in light transmittance and solar transmittance of the coated glass as well as a reduction of the infrared reflectance in the case of low emissivity coatings. This European Standard applies to Class C and D coatings as defined in EN 1096-1 and used in insulating glass units.

Keel en

Asendab EVS-EN 1096-3:2001

EVS-EN 1096-2:2012

Hind 12,02

Identne EN 1096-2:2012

Glass in building - Coated glass - Part 2: Requirements and test methods for class A, B and S coatings

This European Standard specifies requirements and test methods related to artificial weathering and abrasion of coatings on glass for use in buildings. These tests are aimed at evaluating the resistance of the coating to attack by simulated natural weathering conditions as well as to abrasion. This attack can be considered as representative of that which could be found on the external and/or internal face of the glazing. This European Standard applies to Class A, B and S coatings, as described in EN 1096-1.

Keel en

Asendab EVS-EN 1096-2:2001

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 1096-2:2001

Identne EN 1096-2:2001

Glass in building - Coated glass - Part 2: Requirements and test methods for class A, B and S coatings

This European Standard specifies requirements and test methods related to artificial and abrasion of coatings on-glass for use in buildings. These tests are aimed at evaluating the resistance of the coating to attack by simulated natural weathering conditions as well as to abrasion.

Keel en

Asendatud EVS-EN 1096-2:2012

EVS-EN 1096-3:2001

Identne EN 1096-3:2001

Glass in building - Coated glass - Part 3: Requirements and test methods for class C and D coatings

This European Standard specifies the requirements and a test methods related to resistance to solar radiation for coated glass for use in buildings. This test is aimed at evaluating if the exposure to solar radiation over an extended period of time produces any appreciable change in light transmittance and solar transmittance of the coated glass as well as reduction of the infrared reflectance in the case of low emissivity coatings.

Keel en

Asendatud EVS-EN 1096-3:2012

EVS-EN 1096-1:2002

Identne EN 1096-1:1998

Ehitusklaas. Pinnatud klaas. Osa 1: Määratlused ja liigitus

Käesolev standard määratleb ehituses kasutatava pinnatud klaasi näitajad, omadused ja liigituse. Vastupidavuse määramiseks rakendatavad katsemeetodid ja -moodused on esitatud selle standardi teises ja kolmandas osas. Käesolev standard kehtib tavatingimustes kasutatavate olme- ja ärihoonete klaasimiseks kasutatava pinnatud klaasi kohta. Käesolev standard ei kehti järgmiste materjalide kohta: plastkiled klaasil, peegliid ja emailklaas.

Keel et

Asendatud EVS-EN 1096-1:2012

KAVANDITE ARVAMUSKÜSITLUS

prEN 1096-4

Identne prEN 1096-4:2012

Tähtaeg 31.03.2012

Ehitusklaas. Pindkattega klaas. Osa 4: Vastavuse hindamine/Tootestandard

This document covers the evaluation of conformity and the factory production control of coated glass for use in buildings.

Keel en

Asendab EVS-EN 1096-4:2004

prEN 12150-1

Identne prEN 12150-1:2012

Tähtaeg 31.03.2012

Ehitusklaas. Termiliselt tugevdatud lubi-liiv-turvaklaas. Osa 1: Termin ja kirjeldus

This European Standard specifies tolerances, flatness, edgework, fragmentation and physical and mechanical characteristics of monolithic flat thermally toughened soda lime silicate safety glass for use in buildings. Information on curved thermally toughened soda lime silicate safety glass is given in Annex A, but this product does not form part of this European Standard. Other requirements, not specified in this European Standard, can apply to thermally toughened soda lime silicate safety glass which is incorporated into assemblies, e.g. laminated glass or insulating glass units, or undergo an additional treatment, e.g. coating. The additional requirements are specified in the appropriate product standard. Thermally toughened soda lime silicate safety glass, in this case, does not lose its mechanical or thermal characteristics. This European Standard does not cover glass sandblasted after toughening.

Keel en

Asendab EVS-EN 12150-1:2000

83 KUMMI- JA PLASTITÖÖSTUS

KAVANDITE ARVAMUSKÜSITLUS

EN 12004:2008/FprA1

Identne EN 12004:2007/FprA1:2012

Tähtaeg 31.03.2012

Plaatimissegud ja -liimid. Nõuded, vastavuse hindamine, klassifikatsioon ja määramine

Käesolev Euroopa standard käsitleb plaatimissegusid ja -liime, mida kasutatakse põrandate ja seinte katmisel keraamiliste plaatidega nii sise- kui ka välitingimustes. Käesolev standard esitab terminid keraamiliste plaatide paigaldamisel kasutatavate toodete, töömeetodite, kasutusomaduste jne kohta. Käesolev standard spetsifitseerib keraamiliste plaatide paigaldamisel kasutatavate tsementmörtide, dispersioon- ja reaktsioonvaikliimide toimivusnõuete väärtused. Käesolev standard ei esita kriteeriume ega soovitusi keraamiliste plaatide kavandamiseks ja paigaldamiseks.

Keel en

EN ISO 178:2010/prA1

Identne EN ISO 178:2010/prA1:2011

ja identne ISO 178:2010/DAM 1:2011

Tähtaeg 31.03.2012

Plastics - Determination of flexural properties (ISO 178:2010/DAM 1:2011)

1.1 This International Standard specifies a method for determining the flexural properties of rigid (see 3.12) and semi-rigid plastics under defined conditions. A standard test specimen is defined, but parameters are included for alternative specimen sizes for use where appropriate. A range of test speeds is included. 1.2 The method is used to investigate the flexural behaviour of the test specimens and to determine the flexural strength, flexural modulus and other aspects of the flexural stress/strain relationship under the conditions defined. It applies to a freely supported beam, loaded at midspan (three-point loading test). 1.3 The method is suitable for use with the following range of materials: - thermoplastic moulding, extrusion and casting materials, including filled and reinforced compounds in addition to unfilled types; rigid thermoplastics sheets; - thermosetting moulding materials, including filled and reinforced compounds; thermosetting sheets. In agreement with ISO 10350-1[5] and ISO 10350-2[6], this International Standard applies to fibre-reinforced compounds with fibre lengths $u \leq 7,5$ mm prior to processing. For long-fibre-reinforced materials (laminates) with fibre lengths $> 7,5$ mm, see ISO 14125[7]. The method is not normally suitable for use with rigid cellular materials or sandwich structures containing cellular material. In such cases, ISO 1209-1[3] and/or ISO 1209-2[4] can be used.

Keel en

EN ISO 180:2001/prA2

Identne EN ISO 180:2000/prA2:2012

ja identne ISO 180:2000/DAM 2:2012

Tähtaeg 31.03.2012

Plastics - Determination of Izod impact strength - Amendment 2: Precision data (ISO 180:2000/DAM 2:2012)

Käesolev standard määrab kindlaks meetodi plastide Izod' löögisitkuse määramiseks kindlaksmääratud tingimustes. Kindlaks on määratud ka proovikehade mitu eri tüüpi ja katsetuskuju.

Keel en

prEN ISO 75-1

Identne prEN ISO 75-1:2012
ja identne ISO/DIS 75-1:2012
Tähtaeg 31.03.2012

Plastid. Läbipaindetemperatuuri määramine koormuse all. Osa 1: Põhiline katsemeetod (ISO/DIS 75-1:2012)

1.1 ISO 75 specifies methods for the determination of the temperature of deflection under load (flexural stress under three-point loading) of plastics. Different types of test specimen and different constant loads are defined to suit different types of material. 1.2 This part of ISO 75 gives a general test method, part 2 gives specific requirements for plastics (including filled plastics and fibre-reinforced plastics in which the fibre length, prior to processing, is up to 7,5 mm) and ebonite while part 3 gives specific requirements for high-strength thermosetting laminates and long-fibre-reinforced plastics in which the fibre length is greater than 7,5 mm. 1.3 The methods specified are suitable for assessing the relative behaviour of different types of material at elevated temperature under load at a specified rate of temperature increase. The results obtained do not necessarily represent maximum applicable temperatures, because in practice essential factors such as time, loading conditions and nominal surface stress may differ from the test conditions. True comparability of data can only be achieved for materials having the same room-temperature flexural modulus. 1.4 The methods specify preferred dimensions for the test specimens. Tests which are carried out on specimens of different dimensions, or on specimens which are prepared under different conditions, may produce different results. Consequently, when repeatable data are required, sample preparation conditions and test variables should be carefully controlled and recorded. 1.5 Data obtained using the test methods described may not be used to predict actual end-use performance. The data are not intended for design analysis or predicting the endurance of materials at 1.6 This method is commonly known as the HDT test (heat deflection test or heat distortion test), although there is no official document using this designation.

Keel en

Asendab EVS-EN ISO 75-1:2004

prEN ISO 75-2

Identne prEN ISO 75-2:2011
ja identne ISO/DIS 75-2:2011
Tähtaeg 31.03.2012

Plastics - Determination of temperature of deflection under load - Part 2: Plastics and ebonite (ISO/DIS 75-2:2011)

This part of ISO 75 specifies three methods, using different values of constant flexural stress, that can be used for the determination of the temperature of deflection under load of plastics (including filled plastics and fibre-reinforced plastics in which the fibre length, prior to processing, is up to 7,5 mm) and ebonite: - method A, using a flexural stress of 1,80 MPa; - method B, using a flexural stress of 0,45 MPa; - method C, using a flexural stress of 8,00 MPa. The standard deflection Δs used to determine the temperature of deflection under load corresponds to a flexural-strain increase $\Delta \epsilon_f$ defined in this part of ISO 75. The initial flexural strain due to the loading of the specimen at room temperature is neither specified nor measured in this part of ISO 75. The ratio of this flexural-strain difference to the initial flexural strain depends on the modulus of elasticity, at room temperature, of the material under test. This method is therefore only suitable for comparing the temperatures of deflection of materials with similar room-temperature elastic properties. NOTE The methods give better reproducibility with amorphous plastics than with semi-crystalline ones. With some materials, it may be necessary to anneal the test specimens to obtain reliable results. Annealing procedures, if used, generally result in an increase in the temperature of deflection under load (see 6.6). For additional information, see ISO 75-1, clause 1.

Keel en

Asendab EVS-EN ISO 75-2:2004

prEN ISO 306

Identne prEN ISO 306 rev:2012
ja identne ISO/DIS 306:2012
Tähtaeg 31.03.2012

Plastics - Thermoplastic materials - Determination of Vicat softening temperature (VST) (ISO/DIS 306:2012)

1.1 This International Standard specifies four methods for the determination of the Vicat softening temperature (VST) of thermoplastic materials: - Method A50 using a force of 10 N and a heating rate of 50 °C/h - Method B50 using a force of 50 N and a heating rate of 50 °C/h - Method A120 using a force of 10 N and a heating rate of 120 °C/h - Method B120 using a force of 50 N and a heating rate of 120 °C/h 1.2 The methods specified are applicable only to thermoplastics, for which they give a measure of the temperature at which the thermoplastics start to soften rapidly.

Keel en

Asendab EVS-EN ISO 306:2004

85 PABERITEHNOLOOGIA

KAVANDITE ARVAMUSKÜSITLUS

FprEN 1034-17

Identne FprEN 1034-17:2012

Tähtaeg 31.03.2012

Masinate ohutus. Ohutusnõuded paberivalmistus- ja viimistlusmasinate projekteerimisele ja ehitamisele.

Osa 17: Pabersalvrätikute valmistamise masinad

This European Standard applies to tissue making machines for the production of soft and crepe paper and applies together with EN 1034-1:2000+A1:2010. It deals with all significant hazards, hazardous situations and hazard events relevant to tissue making machines, when used as intended and under the conditions foreseen by the manufacturer (see Clause 4). This document does not deal with pressure hazards in steam-heated drying cylinders and Yankee cylinders. NOTE Directive 97/23/EC give essential safety requirements for equipment under pressure. This document does not apply to: - Paper and board making machines - Tissue winder (plying machines) - Tissue converting machines. At this stage this standard does not deal with tissue making machines applying the dry process for sheet forming. These machines are to be included in the standard at a later date. This document is not applicable to tissue making machines which are manufactured before the date of publication of this document by CEN.

Keel en

FprEN 1034-21

Identne FprEN 1034-21:2012

Tähtaeg 31.03.2012

Masinate ohutus. Ohutusnõuded paberivalmistus- ja viimistlusmasinate projekteerimisele ja ehitamisele.

Osa 21: Katmismasinad

This European Standard applies to coating machines applying the wet process for off-line coating of base paper including unwind unit, coating units, drying section, flotation and infrared dryer, smoothing unit, integrated calender, measuring device, reel-up, integrated sheeter, drives and control system and applies together with EN 1034-1:2000+A1:2010. It deals with all significant hazards, hazardous situations and hazard events relevant to coating machines, when used as intended and under the conditions foreseen by the manufacturer (see Clause 4). This document does not deal with pressure hazards in steam-heated drying cylinders. NOTE Directive 97/23/EC give essential safety requirements for equipment under pressure. This document does not apply to: - paper and board making machines, - equipment for the treatment of coating substances, - coating machines using solvent-based colours, - coating machines applying silicon, adhesives or resin onto the paper web, - printing and varnishing machines, - integrated conveyors and cranes designed for transporting reels/shells (reel spools) and for machine maintenance, - integrated fire extinguishing equipment. This document is not applicable to coating machines which are manufactured before the date of publication as an EN.

Keel en

FprEN 1034-27

Identne FprEN 1034-27:2012

Tähtaeg 31.03.2012

Masinate ohutus. Ohutusnõuded paberivalmistus- ja viimistlusmasinate projekteerimisele ja ehitamisele.

Osa 27: Paberirullide teisaldussüsteemid

This European Standard applies to roll handling systems for use in paper finishing and applies together with EN 1034-1:2000+A1:2010. It deals with all significant hazards, hazardous situations and hazardous events relevant to roll handling systems, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). This document is not applicable to roll handling systems which are manufactured before the date of publication as an EN. This document does not apply to: - machine reel handling systems, - stacker trucks, industrial trucks and driverless industrial trucks, - separate storage systems with cranes and high bay storage systems, - portable devices for moving rolls.

Keel en

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

KAVANDITE ARVAMUSKÜSITLUS

EN 50177:2009/FprAA

Identne EN 50177:2009/FprAA:2012

Tähtaeg 31.03.2012

Kohtkindlad süttiva pulber-pinnakattematerjali elektrostaatilised pihustusseadmed. Ohutusnõuded

This European Standard specifies the requirements for stationary electrostatic application equipment for ignitable coating powders to be used in explosive atmospheres generated by their own spray cloud. A distinction is made between spraying systems corresponding to EN 50050:2001 and spraying systems designed for higher discharge energies and/or currents. The charging of ignitable coating powder can be achieved by applying high voltage or triboelectrically.

Keel en

prEN 12878

Identne prEN 12878:2012

Tähtaeg 31.03.2012

Pigments for the colouring of building materials based on cement and/or lime - Specifications and methods of test

This European Standard specifies the requirements and the methods of test for pigments for use in the colouring of building materials based on cement and cement/lime combinations. Pigments covered by this European Standard may also be used in pure lime mortar. For this application see EN 459-1 and EN 459-2. Pigments for this purpose may be single pigments, blends of pigments, or blends of pigments and extenders, in powder or granular form, or aqueous preparations. Pigments typically belong to one of the following classes of compounds: - synthetic or natural oxides and hydroxides of iron; - oxides of chromium, titanium and manganese; - complex inorganic pigments, for example combinations of the above mentioned metal oxides and hydroxides with cobalt, aluminium, nickel and antimony oxides and hydroxides; - ultramarine pigments; - phthalocyanine blue and green; - elemental carbon (shall be regarded as an inorganic pigment); - blends of the above materials (which may also include extenders).

Keel en

Asendab EVS-EN 12878:2005

prEN ISO 15528

Identne prEN ISO 15528:2011
ja identne ISO/DIS 15528:2011
Tähtaeg 31.03.2012

Paints, varnishes and raw materials for paints and varnishes - Sampling (ISO/DIS 15528:2011)

This International Standard describes methods of sampling paints, varnishes and raw materials for paints and varnishes. Such products include liquids and materials which, without undergoing chemical modification, are capable of being liquefied when heated up, and also powdered, granulated and pasty materials. Samples may be taken from containers, e.g. cans, drums, tanks, containers, tank wagons or ships' tanks, as well as from barrels, sacks, big-bags, silos or silo wagons, or from conveyor belts.

Keel en

Asendab EVS-EN ISO 15528:2000

91 EHITUSMATERJALID JA EHITUS

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TS 1187:2012

Hind 16,36

Identne CEN/TS 1187:2012

Test methods for external fire exposure to roofs

This Technical Specification specifies four methods for determining the performance of roofs to external fire exposure. The four methods assess the performance of roofs under the following conditions: a) test 1 - with burning brands; b) test 2 - with burning brands and wind; c) test 3 - with burning brands, wind and supplementary radiant heat; d) test 4 - with two stages incorporating burning brands, wind and supplementary radiant heat. The tests assess the fire spread across the external surface of the roof, the fire spread within the roof (tests 1, 2 and 3), the fire penetration (tests 1, 3 and 4) and the production of flaming droplets or debris falling from the underside of the roof or from the exposed surface (tests 1, 3 and 4). Tests 2 and 3 are not applicable to geometrically irregular roofs or roof mounted appliances, e.g. ventilators and roof lights.

Keel en

Asendab EVS-ENV 1187:2006; EVS-ENV 1187:2006/A1:2006

EVS-EN 933-1:2012

Hind 9,27

Identne EN 933-1:2012

Täitematerjalide geomeetriliste omaduste katsetamine. Osa 1: Terastikulise koostise määramine. Söelanalüüs

This European Standard describes the reference washing and dry sieving method used for type testing and in case of dispute, for determination of the particle size distribution of aggregates. For other purposes, in particular factory production control, other methods may be used, provided that an appropriate working relationship with the reference method has been established. It applies to all aggregates, including lightweight aggregates, up to 90 mm nominal size, but excluding filler.

Keel en

Asendab EVS-EN 933-1:2007

EVS-EN 933-3:2012

Hind 7,29

Identne EN 933-3:2012

Täitematerjalide geomeetriliste omaduste katsetamine. Osa 3: Tera kuju määramine. Plaatsustegur

This European Standard describes the reference method, used for type testing and in case of dispute, for determination of the flakiness index of aggregates. For other purposes, in particular production control, other methods may be used, provided that an appropriate working relationship with the reference method has been established. This European Standard applies to natural, manufactured or recycled aggregates. The test procedure specified in this part of this European Standard is not applicable to particle sizes less than 4 mm or greater than 100 mm.

Keel en

Asendab EVS-EN 933-3:2007

EVS-EN 933-8:2012

Hind 9,91

Identne EN 933-8:2012

Tests for geometrical properties of aggregates - Part 8: Assessment of fines - Sand equivalent test

This European Standard describes the reference method used for type testing and in case of dispute for the determination of the sand equivalent value of 0/2 mm fraction (for 0/4 mm, see Annex A) in fine aggregates or all-in aggregates. For other purposes, in particular factory production control, other methods may be used provided that an appropriate working relationship with the reference method has been established.

Keel en

Asendab EVS-EN 933-8:2001

EVS-EN 1428:2012

Hind 6,71

Identne EN 1428:2012

Bitumen and bituminous binders - Determination of water content in bituminous emulsions - Azeotropic distillation method

This European Standard specifies a method for the determination of the water content in bituminous emulsions by means of distillation. WARNING - The use of this standard may involve hazardous materials, operations and equipment. This standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 1428:2000

EVS-EN 12839:2012

Hind 16,36

Identne EN 12839:2012

Betoonvalmistooted. Piirdeaedade elemendid

This European standard specifies precast products in reinforced or pre-stressed concrete with or without fibres, to be used together or in combination with other elements to erect fences e.g. boundary fences. This European standard covers both mechanical resistance determined by calculation and load bearing capacity determined by testing. Normal weight concrete or light weight concrete elements include posts, solid or open panels, slabs, rails, spurs, struts and base panels. The intended uses may be nonstructural or lightly structural. It provides for the evaluation of conformity of elements to this European Standard. Marking conditions are included.

Keel en

Asendab EVS-EN 12839:2002

EVS-EN 15804:2012

Hind 15,53

Identne EN 15804:2012

Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products

This European standard provides core product category rules (PCR) for Type III environmental declarations for any construction product and construction service. NOTE The assessment of social and economic performances at product level is not covered by this standard. The core PCR: - defines the parameters to be declared and the way in which they are collated and reported, - describes which stages of a product's life cycle are considered in the EPD and which processes are to be included in the life cycle stages, - defines rules for the development of scenarios, - includes the rules for calculating the Life Cycle Inventory and the Life Cycle Impact Assessment underlying the EPD, including the specification of the data quality to be applied, - includes the rules for reporting predetermined, environmental and health information, that is not covered by LCA for a product, construction process and construction service where necessary, - defines the conditions under which construction products can be compared based on the information provided by EPD. For the EPD of construction services the same rules and requirements apply as for the EPD of construction products.

Keel en

EVS-HD 60364-4-442:2012

Hind 16,36

Identne HD 60364-4-442:2012

ja identne IEC 60364-4-44:2007

Low-voltage electrical installations - Part 4-442: Protection for safety - Protection of low-voltage installations against temporary overvoltages due to earth faults in the high-voltage system and due to faults in the low voltage system

The rules of this Part of IEC 60364 are intended to provide requirements for the safety of electrical installations in the event of voltage disturbances and electromagnetic disturbances generated for different specified reasons. The rules of this part are not intended to apply to systems for distribution of energy to the public, or power generation and transmission for such systems (see the scope of IEC 60364-1) although such disturbances may be conducted into or between electrical installations via these supply systems.

Keel en

Asendab EVS-IEC 60364-4-44:2003; EVS-IEC 60364-4-44:2003/AC:2010

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 933-8:2001**

Identne EN 933-8:1999

Tests for geometrical properties of aggregates - Part 8: Assessment of fines - Sand equivalent test

This European Standard specifies a method for the determination of the sand equivalent value in the 0/2 fraction in fine aggregates and all-in aggregates. It applies to natural aggregates.

Keel en

Asendatud prEN 933-8; EVS-EN 933-8:2012

EVS-EN 933-1:2007

Identne EN 933-1:1997+A1:2005

Täitematerjalide geomeetriliste omaduste katsetamine. Osa 1: Terastikulise koostise määramine. Sõelanalüüs KONSOLIDEERITUD TEKST

Käesolev standard sätestab täitematerjalide terastikulise koostise määramise meetodi katsesõeltega. Standard rakendub kuni 63 mm nimimõõtmega looduslikele, tehis- ja kergtäitematerjalidele, filter välja arvatud.

Keel et

Asendatud EVS-EN 933-1:2012

EVS-EN 933-3:2007

Identne EN 933-3:1997+A1:2003

Täitematerjalide geomeetriliste omaduste katsetamine. Osa 3: Tera kuju määramine. Plaatsustegur KONSOLIDEERITUD TEKST

Käesolev Euroopa standard sätestab looduslike, tehis- ja kergtäitematerjalide plaatsusteguri määramise meetodi. Käesolevas standardi osas kirjeldatud katsetoodika ei ole rakendatav teradele mõõduga alla 4 mm ja üle 80 mm

Keel et

Asendab EVS-EN 933-3:1999

Asendatud EVS-EN 933-3:2012

EVS-EN 1428:2000

Identne EN 1428:1999

Petroleum products - Bitumen and bituminous binders - Determination of water content in bitumen emulsions - Distillation method

This European Standard specifies a method for the determination of water content in bitumen emulsions by means of distillation.

Keel en

Asendatud EVS-EN 1428:2012

EVS-EN 12839:2002

Identne EN 12839:2001

Betoonvalmistooted. Piirdeaedade elemendid

This standard covers prefabricated concrete elements (in reinforced or prestressed concrete) which can be used together or in combination with other elements to erect fences e.g. boundary fences.

Keel en

Asendatud EVS-EN 12839:2012

EVS-IEC 60364-4-44:2003

ja identne IEC 60364-4-44:2001 + A1:2003

Ehitiste elektripaigaldised. Osa 4-44: Kaitseviisid. Kaitse pingehäirete ja elektromagnetiliste häirete eest

IEC 60364 käesolev osa on ette nähtud inimeste ja seadmete kaitse sätestamiseks madalpingesüsteemides madalpingevõrku toitava trafoalajaama kõrgepingepoolse maaühenduste korral. Jaotis 443 on asendunud Eesti standardi EVS-HD 60364-4-446:2007.

Keel et

Asendatud EVS-HD 60364-4-442:2012; EVS-HD 60364-4-443:2007; EVS-HD 60364-4-444:2010

EVS-IEC 60364-4-44:2003/AC:2010

ja identne IEC 60364-4-44/Cor 1:2010

Corrigendum 1 - Low-voltage electrical installations - Part 4-44: Protection for safety - Protection against voltage disturbances and electromagnetic disturbances

Keel en

Asendatud EVS-HD 60364-4-442:2012; EVS-HD 60364-4-443:2007; EVS-HD 60364-4-444:2010

KAVANDITE ARVAMUSKÜSITLUS

EN 12004:2008/FprA1

Identne EN 12004:2007/FprA1:2012

Tähtaeg 31.03.2012

Plaatimissegud ja -liimid. Nõuded, vastavuse hindamine, klassifikatsioon ja määramine

Käesolev Euroopa standard käsitleb plaatimissegusid ja -liime, mida kasutatakse põrandate ja seinte katmisel keraamiliste plaatidega nii sise- kui ka välistingimustes. Käesolev standard esitab terminid keraamiliste plaatide paigaldamisel kasutatavate toodete, töömeetodite, kasutusomaduste jne kohta. Käesolev standard spetsifitseerib keraamiliste plaatide paigaldamisel kasutatavate tsementmörtide, dispersioon- ja reaktsioonvaikliimide toimivusnõuete väärtused. Käesolev standard ei esita kriteeriume ega soovitusi keraamiliste plaatide kavandamiseks ja paigaldamiseks.

Keel en

FprEN 12390-1

Identne FprEN 12390-1:2012

Tähtaeg 31.03.2012

Kivistunud betooni katsetamine. Osa 1: Kuju, mõõtmed ja muud katsekehadele ja vormidele esitatavad nõuded

This European Standard specifies the shape, dimensions and tolerances of cast concrete test specimens in the form of cubes, cylinders and prisms, and of the moulds required to produce them.

Keel en

Asendab EVS-EN 12390-1:2002; EVS-EN 12390-1:2002/AC:2004

FprEN 12504-2

Identne FprEN 12504-2:2012

Tähtaeg 31.03.2012

Konstruktiooni betooni katsetamine. Osa 2: Mittepurustav katsetamine. Põrkearvu määramine

This European Standard specifies a method for determining the rebound number of an area of hardened concrete using a spring-driven hammer.

Keel en

Asendab EVS-EN 12504-2:2003

FprEN 15269-2

Identne FprEN 15269-2:2012

Tähtaeg 31.03.2012

Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware - Part 2: Fire resistance of hinged and pivoted steel doorsets

This European Standard covers single and double leaf, hinged and pivoted, steel based doorsets. It document prescribes the methodology for extending the application of test results obtained from fire resistance test(s) conducted in accordance with EN 1634-1. Subject to the completion of the appropriate test or tests the extended application may cover all or some of the following examples: integrity (E), integrity / radiation (EW) or integrity / insulation (EI1 or EI2) classification; door leaf; ventilation grilles and / or louveres wall/ceiling fixed elements (frame/suspension system); glazing for door leaf, side, transom and flush over panels; items of building hardware; decorative finishes; intumescent, smoke, draught or acoustic seals; alternative supporting construction(s).

Keel en

FprEN 15651-5

Identne FprEN 15651-5:2012

Tähtaeg 31.03.2012

Sealants for non-structural use in joints in buildings and pedestrian walkways - Part 5: Evaluation of conformity and marking

This European Standard specifies procedures for evaluation of conformity, marking and labelling of nonstructural sealants for joints in building construction according to EN 15651-1, EN 15651-2, EN 15651-3 or EN 15651-4 dealing with sealants for non-structural use in joints in building construction and pedestrian walkways.

Keel en

Asendab EVS-EN 15651-5:2010

FprEN 60335-2-21

Identne FprEN 60335-2-21:2011

ja identne IEC 60335-2-21:201X

Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.

Ohutus. Osa 2-21: Erinõuded salvestusveesoojenditele

This International Standard deals with the safety of electric storage water heaters for household and similar purposes and intended for heating water below boiling temperature, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. This Standard is also applicable to immersion heater units intended to be retrofitted in a heat exchange closed water heater having provision for retrofitting. Such a unit shall comply with the requirements in Annex AA.

Keel en

Asendab EVS-EN 60335-2-21:2003; EVS-EN 60335-2-21:2003/A1:2005; EVS-EN 60335-2-21:2003/A2:2009; EVS-EN 60335-2-21:2003/AC:2010

FprEN 60335-2-67:2012/FprAA

Identne FprEN 60335-2-67:2012/FprAA:2012
Tähtaeg 31.03.2012

Household and similar electrical appliances - Safety - Part 2-67: Particular requirements for floor treatment machines for commercial use

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of powered floor treatment machines intended for commercial indoor or outdoor use for the following applications: - scrubbing, - wet or dry pick-up, - polishing and dry buffing, - application of wax, sealing products and powder based detergents, - shampooing, - stripping, grinding and scarifying of floors with an artificial surface. Their cleaning motion is more lateral or periodic than linear.

Keel en

FprEN 62561-1:2011/FprAA

Identne FprEN 62561-1:2011/FprAA:2012
Tähtaeg 31.03.2012

Lightning Protection System Components (LPSC) - Part 1: Requirements for connection components

This part of IEC 62561 specifies the requirements and tests for metallic connection components that form part of a lightning protection system (LPS). Typically, these can be connectors, bonding and bridging components, expansion pieces and test joints. Testing of components for an explosive atmosphere is not covered by this standard.

Keel en

FprEN 62561-2:2011/FprAA

Identne FprEN 62561-2:2011/FprAA:2012
Tähtaeg 31.03.2012

Lightning Protection System Components (LPSC) - Part 2: Requirements for conductors and earth electrodes

This part of IEC 62561 specifies the requirements and tests for: - metallic conductors (other than "natural" conductors) that form part of the air termination system and down conductors; - metallic earth electrodes that form part of the earth termination system.

Keel en

FprEN 62561-3:2011/FprAA

Identne FprEN 62561-3:2011/FprAA:2012
Tähtaeg 31.03.2012

Lightning Protection System Components (LPSC) - Part 3: Requirements for isolating spark gaps

This part of IEC 62561 specifies the requirements and tests for isolating spark gaps (ISG) for lightning protection systems. ISGs can be used to indirectly bond a lightning protection system to other nearby metalwork where a direct bond is not permissible for functional reasons. Typical applications include the connection to: - earth termination systems of power installations; - earth termination systems of telecommunication systems; - auxiliary earth electrodes of voltage-operated, earth fault circuit breakers; - rail earth electrode of AC and DC railways; - measuring earth electrodes for laboratories; - installations with cathodic protection and stray current systems; - service entry masts for low-voltage overhead cables; - bypassing insulated flanges and insulated couplings of pipelines. This standard does not cover applications where follow currents occur.

Keel en

prEN 197-2

Identne prEN 197-2 rev:2012
Tähtaeg 31.03.2012

Tsement. Osa 2: Vastavushindamine

This European Standard specifies the scheme for the evaluation of conformity of cements to their corresponding product specification standards, including certification of conformity by a certification body. The standard provides technical rules for factory production control by the manufacturer, including autocontrol testing of samples, and for the tasks of the certification body. It also provides rules for actions to be followed in the event of non-conformity, the procedure for the certification of conformity and requirements for dispatching centres. In this European Standard the word "cement" is used to refer both to common cements as defined in EN 197-1 and to other cements and binders for which the relevant product specification standard makes reference to this European Standard and which are submitted for certification. Such a cement is produced at a given factory and belongs to a particular type and a particular strength class, as defined and specified in the relevant product specification standard. The guidelines given in the CEN Report CR 14245 [1] should be used for the application of this European Standard. This European Standard shall be linked with annexes ZA of European Standards covering cements and binders, i.e. EN 197-1, EN 14216, EN 14647, EN 413-1, EN 15743, in particular for the assignments of tasks to the manufacturer and to the certification body.

Keel en

Asendab EVS-EN 197-2:2002

prEN 1469

Identne prEN 1469:2012
Tähtaeg 31.03.2012

Looduslikust kivist tooted. Välisvooderdusplaadid. Nõuded

This European Standard specifies requirements for slabs of natural stone which are made for use as cladding and ceiling finishes. It does not cover aggregates and artificially agglomerated stony material and does not cover installation for cladding.

Keel en

Asendab EVS-EN 1469:2005

prEN 12057

Identne prEN 12057:2012
Tähtaeg 31.03.2012

Looduslikust kivist tooted. Moodulplaadid. Nõuded

This document specifies requirements for flat modular tiles of natural stone which are made for use as flooring, stairs, cladding and ceiling finishes. It does not cover mineral aggregates and artificial agglomerated stone material and does not cover installation.

Keel en

Asendab EVS-EN 12057:2004

prEN 12058

Identne prEN 12058:2012
Tähtaeg 31.03.2012

Looduslikust kivist tooted. Põranda- ja trepiplaadid. Nõuded

This European Standard specifies requirements for flat natural stone slabs fabricated for use as floor and stair coverings. It does not cover mineral aggregates and artificial agglomerated stone material and does not cover installation.

Keel en

Asendab EVS-EN 12058:2004

prEN 12878

Identne prEN 12878:2012

Tähtaeg 31.03.2012

Pigments for the colouring of building materials based on cement and/or lime - Specifications and methods of test

This European Standard specifies the requirements and the methods of test for pigments for use in the colouring of building materials based on cement and cement/lime combinations. Pigments covered by this European Standard may also be used in pure lime mortar. For this application see EN 459-1 and EN 459-2. Pigments for this purpose may be single pigments, blends of pigments, or blends of pigments and extenders, in powder or granular form, or aqueous preparations. Pigments typically belong to one of the following classes of compounds: - synthetic or natural oxides and hydroxides of iron; - oxides of chromium, titanium and manganese; - complex inorganic pigments, for example combinations of the above mentioned metal oxides and hydroxides with cobalt, aluminium, nickel and antimony oxides and hydroxides; - ultramarine pigments; - phthalocyanine blue and green; - elemental carbon (shall be regarded as an inorganic pigment); - blends of the above materials (which may also include extenders).

Keel en

Asendab EVS-EN 12878:2005

prEN 13381-5

Identne prEN 13381-5:2011

Tähtaeg 31.03.2012

Test methods for determining the contribution to the fire resistance of structural members - Part 5: Applied protection to concrete/profiled sheet steel composite members

This European Standard specifies a test method for determining the contribution of fire protection systems to the fire resistance of structural concrete/profiled sheet steel composite members or slabs. The concrete can be lightweight, normal-weight or heavy-weight concrete and of strength classes 20/25 (LC/C/HC) to 50/60 (LC/C/HC). The method is applicable to all fire protection systems used for the protection of such structural composite members or slabs and includes sprayed fire protection, coatings, cladding protection systems and multi-layer or composite fire protection materials. The test method and its assessment procedure are designed to permit direct application of the results to cover a range of thicknesses of the applied fire protection material. The test method is applicable to all fire protection materials used for the protection of concrete/steel composite members or slab and includes sprayed materials, coatings, cladding protection systems and multi-layer or composite fire protection materials, with or without a cavity between the fire protection material and the concrete/steel composite members or slab.

Keel en

prEN 14428

Identne prEN 14428 rev:2012

Tähtaeg 31.03.2012

Dušikabiinid. Funktsionaalsed nõuded ja katsemeetodid

This document specifies requirements for shower enclosures for domestic purposes which ensure that the product, when installed in accordance with the manufacturer's installation instructions, gives satisfactory performance when used as intended. This document does not apply to shower cabinets or curtains and does not specify aesthetic and dimensional requirements. This standard also does not cover shower enclosures manufactured using laminated safety glass.

Keel en

Asendab EVS-EN 14428:2004+A1:2008

93 RAJATISED

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 16303-1:2012

Hind 5,88

Identne CEN/TR 16303-1:2012

Road restraint systems - Guidelines for computational mechanics of crash testing against vehicle restraint system - Part 1: Common reference information and reporting

The focus of this Technical Report will be on establishing accuracy, credibility and confidence in the results of crash test simulations to roadside safety devices through the definition of procedures for verification and validation in roadside safety application. This part gives a general introduction and describe the organisation of this document.

Keel en

CEN/TR 16303-2:2012

Hind 12,65

Identne CEN/TR 16303-2:2012

Road restraint systems - Guidelines for computational mechanics of crash testing against vehicle restraint system - Part 2: Vehicle Modelling and Verification

The aim of this Technical Report is to provide a step-by-step description of the development process of a reliable vehicle model for the simulations of full-scale crash tests giving the reader a first synthetic summary of problems encountered in the different steps of the vehicle modelling process.

Keel en

CEN/TR 16303-3:2012

Hind 9,91

Identne CEN/TR 16303-3:2012

Road restraint systems - Guidelines for computational mechanics of crash testing against vehicle restraint system - Part 3: Test Item Modelling and Verification

The aim of this Technical Report is to provide a step-by-step description of the development process of a reliable VRS model for the simulations of full-scale crash tests.

Keel en

CEN/TR 16303-4:2012

Hind 8,63

Identne CEN/TR 16303-4:2012

Road restraint systems - Guidelines for computational mechanics of crash testing against vehicle restraint system - Part 4: Validation Procedures

The aim of this part is to provide a methodology for the validation of the simulation performed to demonstrate compliance with the essential requirements for CE marking. The use of computational mechanics in the approval process for CE market of a test item is defined and regulated within EN 1317.

Keel en

EVS-EN 295-3:2012

Hind 14,64

Identne EN 295-3:2012

Klaasja kihiga kaetud keraamilised torud ja liitmikud ning toruühendused drenide ja kanalisatsioonitorustike jaoks. Osa 3: Katsemeetodid

This European Standard specifies requirements for testing of products manufactured from vitrified clay and other materials specified in the following standards: - pipes, fittings and joints according to EN 295-1; - adaptors, connectors and flexible couplings according to EN 295-4; - perforated pipes and fittings according to EN 295-5; - components of manholes and inspection chambers according to EN 295-6; - pipes and joints for pipe jacking according to EN 295-7.

Keel en

Asendab EVS-EN 295-3:1999

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 295-3:1999

Identne EN 295-3:1991+A1:1998

Klaasja kihiga kaetud keraamilised torud ja liitmikud ning toruühendused drenide ja kanalisatsioonitorustike jaoks. Osa 3: Katsemeetodid

Käesolev standardi EN 295 osa esitab standardis EN 295-1 esitatud nõuetele vastavate testimismeetodite määrangu.

Keel en

Asendatud EVS-EN 295-3:2012

97 OLME. MEELELAHUTUS. SPORT

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 498:2012

Hind 17,32

Identne EN 498:2012

Vedelgaasiseadmete tehniline kirjeldus. Grillahjud välikasutuseks, kontaktgrillid kaasa arvatud

This European Standard specifies the constructional and performance characteristics, safety specifications, relevant test methods and marking of barbecues burning liquefied petroleum gas, referred to in the body of the text as "appliances". This European Standard covers barbecues as defined in 3.6 and contact grills as defined in 3.8, used outdoors and operating with the gases indicated in 4.1 according to the categories indicated in 4.2. They are fitted with at least one cooking device. This European Standard applies to these appliances and their functional sections whether or not the latter are independent or incorporated into an assembly. This European Standard also applies to appliances designed to be built-in. This European Standard only applies to type testing. Appliances supplied with third family gas at pressures greater those defined in 4.2 are outside the field of application of this European Standard. During the consideration of this text, it was apparent that the concept of thermal efficiency with regard to appliances such as barbecues was not appropriate. This is because: - during cooking, there is an additional transfer of heat due to the meat juices falling onto the refractories; - there is no relation between the item to be cooked and the useful area; - the barbecue is an outdoor appliance in which the action of the wind is important in relation to efficiency. In consequence there is no specific requirement covering thermal efficiency for this type of appliance. This European Standard does not state all applicable requirements for integral equipments of other nature (for example burners covered by EN 484).

Keel en

Asendab EVS-EN 498:1999

EVS-EN 15649-1:2010+A1:2012

Hind 12,02

Identne EN 15649-1:2009+A1:2012

Ujuvahendid vaba aja veetmiseks vee peal ja vees. Osa 1: Klassifikatsioon, materjalid, üldised nõuded ja katsemeetodid KONSOLIDEERITUD TEKST

This European Standard specifies safety requirements and test methods related to materials, safety, performance for classified floating leisure articles for use on and in water in accordance with Clause 4 (see Table 1). This document (EN 15649-1) is only applicable with EN 15649-2 and the relevant specific parts (EN 15649-3 to EN 15649-7).

Keel en

Asendab EVS-EN 15649-1:2010

EVS-EN 15649-2:2010+A1:2012

Hind 12,02

Identne EN 15649-2:2009+A1:2012

Ujuvahendid vaba aja veetmiseks vee peal ja vees. Osa 2: Info kasutajatele KONSOLIDEERITUD TEKST

This European Standard specifies consumer information for classified floating leisure articles for use on and in water according to EN 15649-1. This document (EN 15649-2) is applicable with EN 15649-1 and the relevant specific parts (EN 15649-3 to EN 15649-7).

Keel en

Asendab EVS-EN 15649-2:2010

EVS-EN 15649-3:2010+A1:2012

Hind 10,61

Identne EN 15649-3:2009+A1:2012

Ujuvahendid vaba aja veetmiseks vee peal ja vees. Osa 3: Täiendavad eriotstarbelised ohutusnõuded ja katsemeetodid A klassi seadmetele KONSOLIDEERITUD TEKST

This European Standard is applicable for CLASS A classified floating leisure articles for use on and in water according to EN 15649-1 regardless whether the buoyancy is achieved by inflation or inherent buoyant material. This document (EN 15649-3) is applicable with EN 15649-1 and EN 15649-2. NOTE 1 Typical products forming Class A: - "Floating Islands" in near round or square shaped forms decorated with palm tree, sun shade, etc. high superstructure; - large floats/rafts in various forms from round to square; - large floating tubes, giant tubes (inflatable or inherently buoyant); - floating arm chairs, seats and sun beds; - air mattresses for use on the water; - Deleted text" - recreational rafts / floating platforms / pontoons. NOTE 2 Typical places for application: - pools; - protected areas of lakes, ponds; - protected area sea shore (no offshore winds, no currents).

Keel en

Asendab EVS-EN 15649-3:2010

EVS-EN 15649-4:2010+A1:2012

Hind 13,36

Identne EN 15649-4:2010+A1:2012

Ujuvahendid vaba aja veetmiseks vee peal ja vees. Osa 4: Täiendavad ohutusnõuded ja katsemeetodid B-klassi seadmetele KONSOLIDEERITUD TEKST

This European Standard specifies safety requirements and test methods related to materials, safety, performance and consumer information for classified floating leisure articles for use on and in the water according to EN 15649-1. This document is applicable with EN 15649-1 and EN 15649-2. This European Standard is applicable for Class B floating leisure articles for use on and in the water according to EN 15649-1 regardless whether the buoyancy is achieved by inflation or inherent buoyant material. Class B devices provide a buoyant structure with one or more body openings into which the user is positioned partly immersed. NOTE 1 Typical products forming Class B (see Annex B): - floating rafts with interior body holding system ("swim seats") mostly in circular or square shape, fantasy shape for playing purposes; - floating fantasy shaped Deleted text" structures with one or more openings to host a child's body, with or without body holding system; - floating with slits or openings to put legs through any shape Deleted text"; - floating rings with interior seat segments inside the circular body opening. NOTE 2 Typical places for application: - pools; - protected areas of lakes, ponds; - protected area sea shore (no offshore winds, no currents).

Keel en

Asendab EVS-EN 15649-4:2010

EVS-EN 16094:2012

Hind 7,29

Identne EN 16094:2012

Laminate floor coverings - Test method for the determination of micro-scratch resistance

This European Standard specifies a test method for the micro-scratch resistance which can be used for all types of laminate floor coverings.

Keel en

EVS-EN 60335-1:2012

Hind 25,18

Identne EN 60335-1:2012

ja identne IEC 60335-1:2010

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

This European Standard deals with the safety of electrical appliances for household environment and commercial purposes, their rated voltage being not more than 250 V for single-phase and 480 V for others. NOTE 1 Battery-operated appliances and other d.c. supplied appliances are within the scope of this standard. NOTE Z1 Examples of appliance for household environment are appliances for typical housekeeping functions used in the household environment that may also be used by non expert users for typical housekeeping functions: - in shops, offices and other similar working environments; - in farm houses; - by clients in hotels, motels and other residential type environments; - in bed and breakfast type environments.

Keel en

Asendab EVS-EN 60335-1:2003; EVS-EN 60335-1:2003/A11:2004; EVS-EN 60335-1:2003/A1:2005; EVS-EN 60335-1:2003/A12:2006; EVS-EN 60335-1:2003/A2:2006; EVS-EN 60335-1:2003/A13:2009; EVS-EN 60335-1:2003/A1:2005/AC:2007; EVS-EN 60335-1:2003/AC:2009; EVS-EN 60335-1:2003/

EVS-EN 60730-1:2012

Hind 30,23

Identne EN 60730-1:2011

ja identne IEC 60730-1:2010

Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 1: Üldnõuded

In general, this International Standard applies to automatic electrical controls for use in, on, or in association with equipment for household and similar use, including controls for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof.

Keel en

Asendab EVS-EN 60730-1:2001; EVS-EN 60730-1:2001/A12:2004; EVS-EN 60730-1:2001/A1:2004; EVS-EN 60730-1:2001/A13:2004; EVS-EN 60730-1:2001/A14:2005; EVS-EN 60730-1:2001/A16:2007; EVS-EN 60730-1:2001/A2:2008; EVS-EN 60730-1:2001/AC:2007; EVS-EN 60730-1:2001/A16:200

Asendatud FprEN 60730-1

EVS-EN ISO 9994:2007+A1:2008

Hind 14,64

Identne EN ISO 9994:2006 + EN ISO 9994:2006/A1:2008
ja identne ISO 9994:2005 + ISO 9994:2005/Amd 1:2008

Välgumihklid. Ohutusnõuded

See standard kehtestab välgumihklitele esitatavad nõuded, mis peavad tagama välgumihklite normaalse kasutamise või põhjendatult etteaimatava väärkasutamise korral nende mõistliku ohutuse astme. Standardis toodud ohutusnõuded kehtivad kõikidele leeki tekitavatele toodetele, mida tavaliselt tuntakse sigarettide välgumihklite, sigarite välgumihklite ja piipude välgumihklitena. See ei kehti tikkudele ega teistele leeki tekitavatele toodetele, mis on ette nähtud ainult teiste materjalide süütamiseks, mille hulka ei kuulu sigaretid, sigarid ja piibud.

Välgumihklid, nagu kõik teisedki leegiallikad, võivad olla kasutajale ohtlikud.

Standardis toodud ohutusnõuded ei saa kõrvaldada kõiki ohte, aga selle eesmärgiks on vähendada kõiki võimalikke ohte, mis välgumihkli kasutajat ohustavad.

Keel et

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 498:1999

Identne EN 498:1997

Vedelgaasiseadmete tehniline kirjeldus. Välisgrillid

See standard määrab kindlaks konstruktsiooni- ja käituskarakteristikud, ohutusandmed, asjakohased katsemeetodid ja märgistamise selliste grillahjude puhul, mis põletavad veeldatud naftagaasi ja mis tekstis on nimetatud kui seadmed.

Keel en

Asendatud EVS-EN 498:2012

EVS-EN 15649-1:2010

Identne EN 15649-1:2009

Ujuvahendid vaba aja veetmiseks vee peal ja vees. Osa 1: Klassifikatsioon, materjalid, üldised nõuded ja katsemeetodid

This European Standard specifies safety requirements and test methods related to materials, safety, performance for classified floating leisure articles for use on and in water in accordance with Clause 4 (see Table 1). This document (EN 15649-1) is only applicable with EN 15649-2 and the relevant specific parts (EN 15649-3 to EN 15649-7).

Keel en

Asendatud EVS-EN 15649-1:2010+A1:2012

EVS-EN 15649-2:2010

Identne EN 15649-2:2009

Ujuvahendid vaba aja veetmiseks vee peal ja vees. Osa 2: Info kasutajatele

This European Standard specifies consumer information for classified floating leisure articles for use on and in water according to EN 15649-1. This document (EN 15649-2) is applicable with EN 15649-1 and the relevant specific parts (EN 15649-3 to EN 15649-7).

Keel en

Asendatud EVS-EN 15649-2:2010+A1:2012

EVS-EN 15649-3:2010

Identne EN 15649-3:2009

Ujuvahendid vaba aja veetmiseks vee peal ja vees. Osa 3: Täiendavad eriotstarbelised ohutusnõuded ja katsemeetodid A klassi seadmetele

This European Standard is applicable for CLASS A classified floating leisure articles for use on and in water according to EN 15649-1 regardless whether the buoyancy is achieved by inflation or inherent buoyant material. This document (EN 15649-3) is applicable with EN 15649-1 and EN 15649-2.

Keel en

Asendatud EVS-EN 15649-3:2010+A1:2012

EVS-EN 15649-4:2010

Identne EN 15649-4:2010

Ujuvahendid vaba aja veetmiseks vee peal ja vees. Osa 4: Täiendavad ohutusnõuded ja katsemeetodid B-klassi seadmetele

This European Standard specifies safety requirements and test methods related to materials, safety, performance and consumer information for classified floating leisure articles for use on and in the water according to EN 15649-1. This document is applicable with EN 15649-1 and EN 15649-2. This European Standard is applicable for Class B floating leisure articles for use on and in the water according to EN 15649-1 regardless whether the buoyancy is achieved by inflation or inherent buoyant material. Class B devices provide a buoyant structure with one or more body openings into which the user is positioned partly immersed.

Keel en

Asendatud EVS-EN 15649-4:2010+A1:2012

EVS-EN 60335-1:2003

Identne EN 60335-1:2002

ja identne IEC 60335-1:2001

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

Deals with the safety of electrical appliances for household and similar purposes. It deals with the common hazards presented by appliances that are encountered by all persons in and around the home. It also covers appliances used by laymen in shops, in light industry and on farms (such as catering equipment, and industrial and commercial cleaning appliances). The rated voltage of the appliances are not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel en

Asendab EVS-EN 60335-1:2001; EVS-EN 60335-1:2001/AC:2009

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/A2:2006

Identne EN 60335-1:2002/A2:2006

ja identne IEC 60335-1:2001/A2:2006 + corrigendum Aug. 2006

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

This standard deals with the safety of electric appliances for household and similar purposes, the rated voltage of the appliances being not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel en

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/A12:2006

Identne EN 60335-1:2002/A12:2006

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

Deals with the safety of electrical appliances for household and similar purposes. It deals with the common hazards presented by appliances that are encountered by all persons in and around the home. It also covers appliances used by laymen in shops, in light industry and on farms (such as catering equipment, and industrial and commercial cleaning appliances). The rated voltage of the appliances are not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel en

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/A13:2009

Identne EN 60335-1:2002/A13:2008

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

Deals with the safety of electrical appliances for household and similar purposes. It deals with the common hazards presented by appliances that are encountered by all persons in and around the home. It also covers appliances used by laymen in shops, in light industry and on farms (such as catering equipment, and industrial and commercial cleaning appliances). The rated voltage of the appliances are not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel en

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/A1:2005/AC:2007

Identne EN 60335-1:2002/A1:2004/Corr:2007

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

Keel en

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/AC:2009

Identne EN 60335-1:2002/Corr:2009

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

Keel en

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/A14:2010

Identne EN 60335-1:2002/A14:2010

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

This European Standard deals with the safety of electrical appliances and machines for household environment and commercial purpose, their rated voltage being not more than 250 V for single-phase appliances and machines and 480 V for other appliances and machines.

Keel en

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/AC:2010

Identne EVS-EN 60335-1:2003

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

Keel en

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/A15:2011

Identne EN 60335-1:2002/A15:2011

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

Deals with the safety of electrical appliances for household and similar purposes. It deals with the common hazards presented by appliances that are encountered by all persons in and around the home. It also covers appliances used by laymen in shops, in light industry and on farms (such as catering equipment, and industrial and commercial cleaning appliances). The rated voltage of the appliances are not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel en

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/A1:2005

Identne EN 60335-1:2002/A1:2004

ja identne IEC 60335-1:2001/A1:2004

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

Deals with the safety of electrical appliances for household and similar purposes. It deals with the common hazards presented by appliances that are encountered by all persons in and around the home. It also covers appliances used by laymen in shops, in light industry and on farms (such as catering equipment, and industrial and commercial cleaning appliances). The rated voltage of the appliances are not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel en

Asendatud EVS-EN 60335-1:2012

EVS-EN 60335-1:2003/A11:2004

Identne EN 60335-1:2002/A11:2004

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

Deals with the safety of electrical appliances for household and similar purposes. It deals with the common hazards presented by appliances that are encountered by all persons in and around the home. It also covers appliances used by laymen in shops, in light industry and on farms (such as catering equipment, and industrial and commercial cleaning appliances). The rated voltage of the appliances are not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel en

Asendatud EVS-EN 60335-1:2012

EVS-EN 60730-1:2001/A2:2008

Identne EN 60730-1:2000/A2:2008
ja identne IEC 60730-1:1999/A2:2007

Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 1: Üldnõuded

In general, this standard applies to automatic electrical controls for use in, on, or in association with equipment for household and similar use, including controls for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof. This part 1 is to be used in conjunction with the appropriate part 2 for a particular type of control, or for controls for particular applications. This part 1 may also be applied, so far as reasonable, to controls not mentioned in a part 2, and to controls designed

Keel en

Asendab EVS-EN 60730-1:2001/A15:2007

Asendatud EVS-EN 60730-1:2012

EVS-EN 60730-1:2001/A1:2004

Identne EN 60730-1:2000/A1:2004
ja identne IEC 60730-1:1999/A1:2003

Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 1: Üldnõuded

In general, this standard applies to automatic electrical controls for use in, on, or in association with equipment for household and similar use, including controls for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof. This part 1 is to be used in conjunction with the appropriate part 2 for a particular type of control, or for controls for particular applications. This part 1 may also be applied, so far as reasonable, to controls not mentioned in a part 2, and to controls designed

Keel en

Asendatud EVS-EN 60730-1:2012

KAVANDITE ARVAMUSKÜSITLUS**EN 60335-1:201X/FprA1 (fragment 8)**

Identne EN 60335-1:201X/FprA1:2011 (fragment 8)
ja identne IEC 60335-1:2010/A1:201X (fragment 8)
Tähtaeg 31.03.2012

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

This International Standard deals with the safety of electrical appliances for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. NOTE 1 Battery-operated appliances and other d.c. supplied appliances are within the scope of this standard. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. NOTE 2 Examples of such appliances are catering equipment, cleaning appliances for commercial use, and appliances for hairdressers. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account - persons (including children) whose - physical, sensory or mental capabilities; or - lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; - children playing with the appliance.

Keel en

EN 60335-1:201X/FprA1 (fragment 7)

Identne EN 60335-1:201X/FprA1:2011 (fragment 7)
ja identne IEC 60335-1:2010/A1:201X (fragment 7)

Tähtaeg 31.03.2012

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 1: Üldnõuded

This International Standard deals with the safety of electrical appliances for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. NOTE 1 Battery-operated appliances and other d.c. supplied appliances are within the scope of this standard. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. NOTE 2 Examples of such appliances are catering equipment, cleaning appliances for commercial use, and appliances for hairdressers. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account - persons (including children) whose - physical, sensory or mental capabilities; or - lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; - children playing with the appliance.

Keel en

EN 60335-2-2:2010/FprA1

Identne EN 60335-2-2:2010/FprA1:2011
ja identne IEC 60335-2-2:2009/A1:201X

Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-2: Erinõuded tolmuimejatele ja veeimemis-puhastusseadmetele

This International Standard deals with the safety of electric vacuum cleaners and water-suction cleaning appliances for household and similar purposes, including vacuum cleaners for animal grooming, their rated voltage being not more than 250 V. It also applies to centrally-sited vacuum cleaners and automatic battery-powered cleaners. This standard also applies to motorized cleaning heads and current-carrying hoses associated with a particular vacuum cleaner. Appliances not intended for normal household use, but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops and other premises for normal housekeeping purposes, are within the scope of this standard.

Keel en

EN 60335-2-4:2010/FprA1

Identne EN 60335-2-4:2010/FprA1:2011
ja identne IEC 60335-2-4:2008/A1:201X
Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-4: Erinõuded pöörlevatele tõmbeventilaatoritele**

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

Keel en

EN 60335-2-11:2010/FprA1

Identne EN 60335-2-11:2010/FprA1:2011
ja identne IEC 60335-2-11:2008/A1:201X
Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-11: Erinõuded trummelkuivatitele**

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric tumble dryers intended for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. NOTE 101 This standard applies to the drying function of washing machines having a drying cycle. This standard also deals with the safety of tumble dryers that use a refrigerating system, incorporating sealed motor-compressors, for drying textile material. These appliances may use flammable refrigerants. Additional requirements for these appliances are given in Annex BB. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms are within the scope of this standard.

Keel en

EN 60335-2-14:2006/FprA2

Identne EN 60335-2-14:2006/FprA2:2011
ja identne IEC 60335-2-14:2006/A2:201X
Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-14: Erinõuded köögimasinatele**

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric kitchen machines for household and similar purposes, their rated voltage being not more than 250 V.

Keel en

EN 60335-2-27:201X/FprA1

Identne EN 60335-2-27:201X/FprA1:2011
ja identne IEC 60335-2-27:2009/A1:201X
Tähtaeg 31.03.2012

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 2-27: Erinõuded naha ultraviolett- ja infrapunakiiritusseadmetele

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electrical appliances incorporating emitters for exposing the skin to ultraviolet or infrared radiation, for household and similar use, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used in tanning salons, beauty parlours and similar premises, are also within the scope of this standard. As far as practicable, this standard deals with the common hazards presented by appliances that are encountered by persons using the UV appliances in tanning salons, beauty parlours and similar premises or at home. However, in general, it does not take into account - persons (including children) whose - physical, sensory or mental capabilities; or - lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; - children playing with the appliance.

Keel en

EN 60335-2-30:2010/FprA1

Identne EN 60335-2-30:2009/FprA1:2011
ja identne IEC 60335-2-30:2009/A1:201X
Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-30: Erinõuded ruumikütteseadmetele**

This International Standard deals with the safety of electric room heaters for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. NOTE 101 Examples of appliances that are within the scope of this standard are - convector heaters; - fan heaters; - heaters for use in greenhouses; - liquid-filled radiators; - panel heaters; - radiant heaters; - tubular heaters; - ceiling mounted heat lamp appliances. For extraction fans of ceiling mounted heat lamp appliances, IEC 60335-2-80 is applicable as far as is reasonable.

Keel en

EN 60335-2-71:2003/FprA2

Identne EN 60335-2-71:2003/FprA2:2012
ja identne IEC 60335-2-71:2002/A2:201X
Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-71: Erinõuded kütteseadmetele, mis on mõeldud loomade tõuaretamiseks ja kasvatamiseks**

Deals with the safety of all kinds of electrical heating appliances for rearing and breeding livestock. Examples are heat-radiating appliances, electrical sitting-hens, incubators, chicken breeding units and heating plates for animals. For room heaters, s

Keel en

EN 60335-2-102:2006/FprA2

Identne EN 60335-2-102:2006/FprA2:2011
ja identne IEC 60335-2-102:2004/A2:201X
Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-102: Erinõuded elektrilisi ühendusi omavatele gaasi, õli ja tahkkütuse põletamise seadmetele

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of gas, oil and solid-fuel burning appliances having electrical connections, for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard covers the electrical safety and some other safety aspects of these appliances. All safety aspects are covered when the appliance also complies with the relevant standard for the fuel-burning appliance. If the appliance incorporates electric heating sources, it also has to comply with the relevant part 2 of IEC 60335.

Keel en

EN 60704-2-4:201X/FprAA

Identne EN 60704-2-4:201X/FprAA:2012
Tähtaeg 31.03.2012

Kodumajapidamises ja sarnastes oludes kasutatavad elektriseadmed. Katsenormid õhumüra määramiseks. Osa 2-4: Erinõuded pesumasinatele ja tsentrifuugidele

These particular requirements apply to single unit electrical washing machines and the washing and spinning function of combined appliances for household and similar use and to spin extractors for household and similar use.

Keel en

FprEN 60065:2011/FprAA

Identne FprEN 60065:2011/FprAA:2011
Tähtaeg 31.03.2012

Audio, video and similar electronic apparatus - Safety requirements

This International Safety Standard applies to electronic apparatus designed to be fed from the MAINS, from a SUPPLY APPARATUS, from batteries or from REMOTE POWER FEEDING and intended for reception, generation, recording or reproduction respectively of audio, video and associated signals. It also applies to apparatus designed to be used exclusively in combination with the above-mentioned apparatus. This standard primarily concerns apparatus intended for household and similar general use but which may also be used in places of public assembly such as schools, theatres, places of worship and the workplace. PROFESSIONAL APPARATUS intended for use as described above is also covered unless falling specifically within the scope of other standards. This standard concerns only safety aspects of the above apparatus; it does not concern other matters, such as style or performance. This standard applies to the above-mentioned apparatus, if designed to be connected to the TELECOMMUNICATION NETWORK or similar network, for example by means of an integrated modem.

Keel en

FprEN 60065

Identne FprEN 60065:2011
ja identne IEC 60065:201X
Tähtaeg 31.03.2012

Audio-, video- jms elektriseadmed. Ohutusnõuded

1 This International Safety Standard applies to electronic apparatus designed to be fed from the MAINS, from a SUPPLY APPARATUS, from batteries or from REMOTE POWER FEEDING and intended for reception, generation, recording or reproduction respectively of audio, video and associated signals. It also applies to apparatus designed to be used exclusively in combination with the above-mentioned apparatus. This standard primarily concerns apparatus intended for household and similar general use but which may also be used in places of public assembly such as schools, theatres, places of worship and the workplace. PROFESSIONAL APPARATUS intended for use as described above is also covered unless falling specifically within the scope of other standards. This standard concerns only safety aspects of the above apparatus; it does not concern other matters, such as style or performance. This standard applies to the above-mentioned apparatus, if designed to be connected to the TELECOMMUNICATION NETWORK or similar network, for example by means of an integrated modem.

Keel en

Asendab EVS-EN 60065:2002; EVS-EN 60065:2002/A1:2006; EVS-EN 60065:2002/A2:2010; EVS-EN 60065:2002/A11:2008; EVS-EN 60065:2002/AC:2007; EN 60065:2002/FprAB; EVS-EN 60065:2002/A12:2011

FprEN 60335-2-5

Identne FprEN 60335-2-5:2011
ja identne IEC 60335-2-5:201X
Tähtaeg 31.03.2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-5: Erinõuded kaubanduslikele nõudepesumasinatele

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric dishwashers for household and similar purposes that are intended for washing and rinsing dishes, cutlery and other utensils, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. Appliances intended for normal household and similar use and that may also be used by laymen in shops, in light industry and on farms, are within the scope of this standard. However, if the appliance is intended to be used professionally for washing and rinsing dishes and cutlery and other utensils that are used for commercial purposes, the appliance is not considered to be for household and similar use only. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account - persons (including children) whose - physical, sensory or mental capabilities; or - lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; - children playing with the appliance.

Keel en

Asendab EVS-EN 60335-2-5:2003; EVS-EN 60335-2-5:2003/A1:2005; EVS-EN 60335-2-5:2003/A2:2008; EVS-EN 60335-2-5:2003/A11:2009

FprEN 60335-2-8

Identne FprEN 60335-2-8:2011
ja identne IEC 60335-2-8:201X
Tähtaeg 31.03.2012

**Majapidamis- ja muud taolised elektriseadmed.
Ohutus. Osa 2-8: Erinõuded pardlitele,
juukselõikusmasinatele ja muudele taoliste
seadmetele**

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric shavers, hair clippers and similar appliances intended for household and similar purposes, their rated voltage being not more than 250 V. NOTE 101 Examples of similar appliances are those used for manicure and pedicure. Appliances not intended for normal household use, but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops and on farms, are within the scope of this standard. NOTE 102 Examples of such appliances are animal clippers, animal shearers and appliances for hairdressers. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account - persons (including children) whose - physical, sensory or mental capabilities; or - lack of experience and knowledge - prevents them from using the appliance safely without supervision or instruction; - children playing with the appliance.

Keel en

Asendab EVS-EN 60335-2-8:2003; EVS-EN 60335-2-8:2003/A1:2005; EVS-EN 60335-2-8:2003/A2:2008

FprEN 60335-2-9:2009/FprA1

Identne FprEN 60335-2-9:2009/FprA1:2011
ja identne IEC 60335-2-9:2008/A1:201X
Tähtaeg 31.03.2012

**Majapidamis- ja muud taolised elektriseadmed.
Ohutus. Osa 2-9: Erinõuded rösteritele, grillidele ja
muudele taoliste seadmetele**

This International Standard deals with the safety of electric portable appliances for household and similar purposes that have a cooking function such as baking, roasting and grilling, their rated voltage being not more than 250 V. NOTE 101 Examples of appliances that are within the scope of this standard are – barbecues for indoor use; – breadmakers; – contact grills (griddles); – cookers; – food dehydrators; – hotplates; – pop-corn makers; – portable ovens; – raclette grills; – radiant grills; – roasters; – rotary grills; – rotisseries; – toasters; – waffle irons;

Keel en

FprEN 60335-2-15

Identne FprEN 60335-2-15:2011
ja identne IEC 60335-2-15:201X
Tähtaeg 31.03.2012

**Household and similar electrical appliances - Safety -
Part 2-15: Particular requirements for appliances for
heating liquids**

This International Standard deals with the safety of electrical appliances for heating liquids for household and similar purposes, their rated voltage being not more than 250 V.

Keel en

Asendab EVS-EN 60335-2-15:2003; EVS-EN 60335-2-15:2003/A1:2005; EVS-EN 60335-2-15:2003/A2:2008; EN 60335-2-15:2003/FprAA

FprEN 60335-2-31

Identne FprEN 60335-2-31:2011
ja identne IEC 60335-2-31:201X
Tähtaeg 31.03.2012

**Majapidamis- ja muud taolised elektriseadmed.
Ohutus. Osa 2-31: Erinõuded pliitide
äratõmbekuplitele ja muudele toiduvalmistussuitsu
eemaldamise seadmetele**

This International Standard deals with the safety of electric range hoods and other cooking fume extractors intended for installing above, beside, behind or under household cooking ranges, hobs and similar cooking appliances, their rated voltage being not more than 250 V. NOTE 101 The cooking appliance may be supplied by electricity or other fuels, such as gas. Appliances not intended for normal household use but that nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account - persons (including children) whose - physical, sensory or mental capabilities; or - lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; - children playing with the appliance.

Keel en

Asendab EVS-EN 60335-2-31:2003; EVS-EN 60335-2-31:2003/A1:2006; EVS-EN 60335-2-31:2003/A2:2009

FprEN 60335-2-35

Identne FprEN 60335-2-35:2011
ja identne IEC 60335-2-35:201X
Tähtaeg 31.03.2012

**Majapidamis- ja muude taoliste elektriseadmete
ohutus. Osa 2-35: Erinõuded vee kiirkeetjatele**

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric instantaneous water heaters for household and similar purposes and intended for heating water below boiling temperature, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. NOTE 101 Instantaneous water heaters incorporating bare heating elements are within the scope of this standard. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended for use in shops, in light industry and on farms, are within the scope of this standard. As far as is practicable, this standard deals with the common hazards presented by appliances which are encountered by all persons in and around the home. However, in general, it does not take into account - persons (including children) whose - physical, sensory or mental capabilities; or - lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; - children playing with the appliance.

Keel en

Asendab EVS-EN 60335-2-35:2006; EVS-EN 60335-2-35:2006/A1:2007; EVS-EN 60335-2-35:2006/A2:2011

FprEN 60335-2-41

Identne FprEN 60335-2-41:2011
ja identne IEC 60335-2-41:201X
Tähtaeg 31.03.2012

**Majapidamis- ja muud taolised elektriseadmed.
Ohutus. Osa 2-41: Erinõuded pumpadele**

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric pumps for liquids having a temperature not exceeding 90 °C, intended for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. NOTE 101 Examples of appliances within the scope of this standard are - aquarium pumps; - pumps for garden ponds; - shower-boost pumps; - sludge pumps; - submersible pumps; - table fountain pumps; - vertical wet pit pumps. Appliances not intended for normal household use, but that nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account - persons (including children) whose - physical, sensory or mental capabilities; or - lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; - children playing with the appliance.

Keel en

Asendab EVS-EN 60335-2-41:2003; EVS-EN 60335-2-41:2003/A1:2004; EVS-EN 60335-2-41:2003/A2:2010

FprEN 60335-2-68:2012/FprAA

Identne FprEN 60335-2-68:2012/FprAA:2012
Tähtaeg 31.03.2012

**Majapidamis- ja muude taoliste elektriseadmed.
Ohutus. Osa 2-68: Erinõuded
kommertskasutamiseks ettenähtud
piserdusmasinatele**

"This standard deals with the reasonably foreseeable hazards presented by machines that are encountered by all persons. However, in general, it does not take into account; - children playing with the machine; - the use of the machine by children; - user maintenance by children, including the cleaning of the machine. It is recognized that very vulnerable people may have needs beyond the level addressed in this standard."

Keel en

FprEN 60335-2-72:2012/FprAA

Identne FprEN 60335-2-72:2012/FprAA:2012
Tähtaeg 31.03.2012

**Household and similar electrical appliances - Safety -
Part 2-72: Particular requirements for floor treatment
machines with or without traction drive for
commercial use**

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of powered ride-on and powered walkbehind machines intended for commercial indoor or outdoor use for the following applications: - sweeping, - scrubbing, - wet or dry pick-up, - polishing, - application of wax, sealing products and powder based detergents, - shampooing of floors with an artificial surface. Their cleaning motion is more linear than lateral or periodic.

Keel en

FprEN 60335-2-79:2011/FprAA

Identne FprEN 60335-2-79:2011/FprAA:2012
Tähtaeg 31.03.2012

**Household and similar electrical appliances - Safety -
Part 2-79: Particular requirements for high pressure
cleaners and steam cleaners**

This International Standard deals with the safety of high-pressure cleaners without traction drive, intended for household and commercial indoor or outdoor use, having a rated pressure not less than 2,5 MPa and not exceeding 35 MPa. It also applies to steam cleaners and those parts of hot water high pressure cleaners incorporating a steam stage which have a capacity not exceeding 100 l, a rated pressure not exceeding 2,5 MPa and a product of capacity and rated pressure not exceeding 5 MPa·l. They are not equipped with a traction drive. The following power systems of the drive for the high pressure pump are covered: - mains powered motors up to a rated voltage of 250 V for single-phase machines and 480 V for other machines, - battery powered motors, - internal combustion engines, - hydraulic or pneumatic motors.

Keel en

prEN 60350-1

Identne prEN 60350-1:2012
ja identne IEC 60350-1:2011
Tähtaeg 31.03.2012

**Household electric cooking appliances - Part 1:
Ranges, ovens, steam ovens and grills - Methods for
measuring performance**

This part of IEC 60350 specifies methods for measuring the performance of electric cooking ranges, ovens, steam ovens, and grills for household use. The ovens covered by this standard may be with or without microwave function. Manufacturers should define the primary cooking function of the appliance – microwave function or thermal heat. The primary cooking function has to be measured with an existing method according to energy consumption. If the primary cooking function is declared in the instruction manual as a microwave function, IEC 60705 is applied for energy consumption measurement. If the primary cooking function is declared as a thermal heat, then IEC 60350-1 is applied for energy consumption measurement.

Keel en

Asendab EVS-EN 50304:2009/A1:2010; EVS-EN 50304:2009

prEN 60350-2

Identne prEN 60350-2:2012
ja identne IEC 60350-2:2011
Tähtaeg 31.03.2012

**Household electric cooking appliances - Part 2:
Hobs - Methods for measuring performance**

This part of IEC 60350 defines methods for measuring the performance of electric hobs for household use.

Keel en

Asendab EVS-EN 50304:2009; EVS-EN 50304:2009/A1:2010

STANDARDITE TÕLKED KOMMENTEERIMISEL

Selles jaotises avaldame teavet eesti keelde tõlgitavate Euroopa või rahvusvaheliste standardite kohta ja inglise keelde tõlgitavate algupäraste standardite kohta.

Veebruarikuust 2004 alates ei avaldata teavet arvamusküsitluse jaotises eelpool nimetatud standardite kohta, kuna tegemist on varem jõustumisteate meetodil üle võetud standarditega, mille sisu osas arvamust avaldada ei saa. Alates aastast 2008 ei muuda standardi tõlkimine standardi tähises aastaarvu ning eestikeelse standardi avaldamise aasta on sama, mis standardi esmakordsel avaldamisel Eesti standardina (reeglina jõustumisteate meetodil standardi inglisekeelse teksti kättesaadavaks tegemisega).

Standardite tõlgetega tutvumiseks palume ühendust võtta EVS-i standardiosakonnaga standardiosakond@evs.ee või ostmiseks klienditeenindusega standard@evs.ee.

Tõlgete kommenteerimise ja ettepanekute esitamise perioodi lõpp on 01.03.2012

EVS-EN ISO 19011:2011

Juhtimissüsteemide auditeerimise juhised

Rahvusvaheline standard annab juhiseid juhtimissüsteemi auditeerimise kohta, sh auditeerimise põhimõtete, auditi programmide juhtimise ja juhtimissüsteemi auditite läbiviimise kohta, samuti juhiseid auditi protsessiga haaratud isikute pädevuse hindamise kohta, sh auditi programmi juhtiva isiku, audiitorite ja auditirühma kohta. See on rakendatav kõikides organisatsioonides, kus on vaja teostada juhtimissüsteemi sisemisi või väliseid auditeid või juhtida auditi programmi. Selle rahvusvahelise standardi rakendamine

muud tüüpi auditites on võimalik, eeldades, et pööratakse erilist tähelepanu sobiva pädevuse kindlakstegemisele.

Identne: ISO 19011:2011; EN ISO 19011:2011

prEVS-IEC 60050-426

Rahvusvaheline elektrotehnika sõnastik.

Osa 426: Seadmed plahvatusohtlikele keskkondadele

IEC 60050 selles osas määratletakse spetsiaalselt plahvatusohtlike keskkondade jaoks ettenähtud seadmete kohta käivad terminid.

Identne: IEC 60050-426:2008

JAANUARIKUUS LAEKUNUD ALGUPÄRASE EESTI STANDARDI KOOSTAMISETTEPANEKUD

Alljärgnevalt on toodud teave möödunud kuu jooksul Standardikeskusele esitatud algupäraste standardi koostamis-, muutmis- ja uustöötluste panekute kohta, millega algatatakse Eesti standardi koostamisprotsess:

Suitsueemalduse projekteerimine, seadmete paigaldus ja korrashoid (projekt 106579)

Standard annab juhised võitluseks suitsu vastu tulekahju korral. Käsitletakse nii loomulikku kui ka mehaanilist suitsueemaldust ja ülerõhulisi suitsutõrje süsteeme, nende kavandamist ja automatiseerimise taset, aga samuti nõudeid paigalduse, kontrolli ja korrashoiu kohta.

Standardi uustöötluste koostamisettepaneku esitas EVS/TK 27 „Küte ja ventilatsioon“

Standardi uustöötluste koostajateks on EVS/TK 27 ja EVS/TK 5.

Eeldatav arvamusküsitluse algus on 01.12.2012.

EVS poolne kontaktisik on Kati Käär (kati@evs.ee)

Kinnistu kanalisatsioon (EVS 846:2003 uustöötlus)

See standard kehtib kinnistu kanalisatsioonile, mille kaudu reoveed suubuvad linna või asula ühiskanalisatsiooni või veekogusse. Kinnistu kanalisatsiooni all mõeldakse hoonesisest veeneeludega ühendatud kanalisatsioonitorustikku koos võimalike lisaseadmetega (sulgeseadmed, pumplad, puhastusavad) ja kinnistu piires asuvat õuekanalisatsiooni koos kaevude ja võimalike kohtpuhastitega. Standardis ei käsitleta tulekustutusveega seonduvat. Standardi nõudeid tuleb täita nii uue kinnistu kanalisatsiooni projekteerimisel, paigaldamisel, katsetamisel kui ka olemasolevate kanalisatsioonisüsteemide ümberehitamisel.

Standardi uustöötluse koostamisetpaneku esitas ja uustöötluse koostaja on Eesti Veevarustuse ja Kanalisatsiooni Inseneride Selts (EVKIS).

Eeldatav arvamusküsitluse algus on 01.09.2012.

EVS poolne kontaktisik on Kati Käär (kati@evs.ee)

Ühiskanalisatsioonivõrk (EVS 848:2003 uustöötlus)

See projekteerimisstandard kehtib hooneväliste iseveolsete kanalisatsiooni-võrkude kohta, s.o hoonekollektorist või sajuvee restkaevust kohani, kus vesi jõuab reoveepuhastisse või suublasse. Hoonealused torustikud ja kollektorid kuuluvad kanalisatsioonivõrgu hulka siis, kui nad ei ole osa kinnistukanalisatsioonist.

Standardi uustöötluse koostamisetpaneku esitas ja uustöötluse koostaja on Eesti Veevarustuse ja Kanalisatsiooni Inseneride Selts (EVKIS).

Eeldatav arvamusküsitluse algus on 01.09.2012.

EVS poolne kontaktisik on Kati Käär (kati@evs.ee)

Hoone ehitusprojekti kirjeldus. Osa 1: Eelprojekti seletuskiri (EVS 865-1:2006 uustöötlus)

See standard käsitleb kavandatava hoone arhitektuuri, tehnosüsteemide ja -võrkude, krundisise rajatiste, teede ja platside eelprojekti seletuskirja.

Standardi uustöötluse koostamisetpaneku esitas ja uustöötluse koostaja on Eesti Projektbüroode Liit (EPBL).

Eeldatav arvamusküsitluse algus on 01.09.2012.

EVS poolne kontaktisik on Kati Käär (kati@evs.ee)

Ehitiste tuleohutus. Osa 1: Sõnavara (EVS 812-1:2005 uustöötlus)

Standard sätestab ehitusliku tuleohutuse mõisted.

Uustöötluse eesmärgiks on kõrvaldada vastuolud standardiga EN-ISO 13943:2010 „Fire safety.

Vocabulary“, eemaldades eesti standardist rahvusvahelise terminoloogiaga vastuolulised terminid.

Uustöötluse koostamise otsus lähtub standardi perioodilise ülevaatuse tulemustest.

Standardi uustöötluse koostamisetpaneku esitas EVS/TK 5, uustöötluse koostaja on Päästeamet.

EVS poole kontaktisik on Heiki Aasmann (heiki@evs.ee, tel: 605 5059).

Ehitiste tuleohutus. Osa 3: Küttesüsteemid (EVS 812-3:2005 uustöötlus)

Standard käsitleb ehitiste kütmiseks ja kütuse hoidmiseks ettenähtud ruumide ning küttesüsteemide tuleohutust.

Uustöötluse eesmärgiks on täiendada standardit vastavalt kütteseadmetele ja korstnatele kehtestatud uute standardite ja normide nõuetega ning muuta standardit arusaadavamaks. Uustöötluse koostamise otsus lähtub standardi perioodilise ülevaatuse tulemustest.

Standardi uustöötluse koostamisetpaneku esitas EVS/TK 5, uustöötluse koostaja on Päästeameti ja EVS/TK 32 tööühm.

EVS poole kontaktisik on Heiki Aasmann (heiki@evs.ee, tel: 605 5059).

ALGUPÄRASE STANDARDI ÜLEVAATUS

Algupärase Eesti standardi ülevaatus toimub üldjuhul iga viie aasta järel või aasta enne kehtivusaja lõppu ning selle eesmärk on kontrollida: standardi tehnilist taset, vastavust aja nõuetele, vastavust kehtivatele õigusaktidele, kooskõla rahvusvaheliste või Euroopa standarditega jne. Standardi ülevaatus kestab üldjuhul 1 kuu, mille käigus saadetakse ülevaatusküsimustik arvamuse avaldamiseks standardi koostaja(te)le ja kõigile teadaolevatele huvipooltele. Ülevaatusel olevatest standarditest ja ülevaatus tulemustest teavitatakse EVS Teataja ja EVS kodulehekülje vahendusel. Ülevaatus tulemusena jäetakse standard kehtima, algatatakse standardi muudatuse koostamine, tühistatakse standard või asendatakse see ülevõetava Euroopa või rahvusvahelise standardiga.

Ülevaatusel oleva standardi teksti on võimalik tutvumiseks küsida EVS standardiosakonnast (standardiosakond@evs.ee) ning standarditega on võimalik tutvuda ka EVS klienditeeninduses.

Alljärgnevate standardite kohta on esitatud ettepanekud, millede kohta arvamuse esitamise viimane tähtaeg on 01.03.2012:

Ettepanek standardite kehtivuse pikendamiseks viieks aastaks:

Alus: Põllumajandusuringute Keskuse kiri 25.01.2012

EVS 817:2003

Toidukartul. Kvaliteedi määramismeetodid

Standard käsitleb toidukartuli ja varajase kartuli kvaliteedikontrolli ja määramismeetodeid. Standard ei kehti tootekartuli, tärglisekartuli ja piirituskartuli kvaliteedi kontrollimisel.

EVS 818:2003

Varajane kartul

Standard kehtib varajase kartuli (*Solanum tuberosum* L) sortide ja hübriidide kohta, mida realiseeritakse tarbijale värskena ja sätestab varajase kartuli kvaliteedi, mugulate suuruse ja pakendamise nõuded.

Ettepanek standardi tühistamiseks:

Alus: Eesti Mesinike Liidu kiri 17.01.2012

EVS 738:1997

Mesi. Tehnilised nõuded ja katsetamine

Standard kehtib inimtoiduks määratud naturaalsele meele.

EESTI STANDARDI KEHTIVUSE PIKENDAMINE

Järgmiste Eesti standardite kehtivust on pikendatud viieks aastaks:

EVS 812-2:2005

Ehitiste tuleohutus. Osa 2: Ventilatsioonisüsteemid

Standard sätestab tuleohutusnõuded ehitiste ventilatsioonisüsteemide projekteerimisele, ehitamisele ja eksploatatsioonile. Standardis käsitletakse mitut tuletõkkesektsiooni teenindavat ventilatsiooniseadet (keskventilatsiooniseade) ning rakenduslikus mahus ka ühte tuletõkkesektsiooni teenindavat ventilatsiooniseadet. Seda standardit võib rakendada peale põhiliste ventilatsiooniseadmete tuleohutuse kohta. Täiendavateks seadmeteks on näiteks soojaõhugeneraatorite kanalivõrgud, puru-, tolmu- jms eemalduskanalid, materjalide ülekandekanalid jne.

EVS 812-5:2005**Ehitiste tuleohutus. Osa 5: Kütuseterminalid ja tanklate tuleohutus**

Standard sätestab ehituslikud tuleohutusnõuded põlevvedelike käitlemisega tegelevatele tanklatele ja terminalidele (VI kasutusviis), ning vastava tegevusega muude hoonete ja rajatiste piisavalt ohutuks projekteerimiseks ja ehitamiseks.

EESTI STANDARDI TÜHISTAMINE

Tühistatud on järgmine Eesti standard:

EVS-ISO 7005-1:1997**Metalläärrikud. Osa 1: Terasäärrikud**

ETTEPANEK EESTI STANDARDI TÜHISTAMISEKS

Käesolevas rubriigis avaldame teavet Euroopa standardimisorganisatsioonides algatud Euroopa standardite tühistamisküsitluste kohta. Küsitluse eesmärk on selgitada, kas allviidatud standardite jätkuv kehtimine Eesti ja Euroopa standardina on vajalik.

Allviidatud standardi kehtivana hoidmise vajalikkusest palume teavitada EVS-i standardiosakonda (standardiosakond@evs.ee) hiljemalt **29.02.2012**.

EVS-EN 45002:1995**Katselaborite hindamise üldkriteeriumid/General criteria for the assessment of testing**

Standard määratleb nõuded katselaborite, kaasa arvatud kalibreerimislaborid, hindamise menetlustele sõltumata tegevusvaldkonnast. Standardid on mõeldud kasutamiseks katselaboritele ja neid akriditeerivatele organitele ja teiste laborite tehnilist kompetentsust tunnustavatele organitele.

Identne: EN 45002:1989

Keel: et,en

JAANUARIKUUS KOOSTATUD EESTIKEELSE STANDARDI PARANDUSED

Selles rubriigis avaldame teavet eestikeelsete Eesti standardite paranduste koostamise kohta. Standardi parandus koostatakse toimetuskorrale laadi vigade (trükkivead jms) kõrvaldamiseks standardist. Eesti standardi paranduse tähis koosneb standardi tähisest ja selle lõppu lisatud tähtedest AC.

Nt standardile EVS XXX:YYYY tehtud parandus kannab eraldi avaldatuna tähist EVS XXX:YYYY/AC:ZZZZ.

Koostatud standardi parandused on leitavad ja allalaetavad EVS veebilehel asuvast ostukorvist.

Vajadusel avaldatakse koos standardi parandusega ka Eesti standardi parandatud väljaanne, mille teksti on parandus sisse viidud. Parandatud standardi tähis reeglina ei muutu.

Koostatud eestikeelsed parandused ja konsolideeritud standardid:

EVS-ISO 19005-1:2006/AC:2010

Dokumendihaldus. Digidokumendi pikaajalise säilitamise vorming. Osa 1: PDF 1.4 (PDF/A-1) kasutamine

Parandus on konsolideeritud standardisse EVS-ISO 19005-1:2006

EVS-ISO 19005-1:2006/AC:2011

Dokumendihaldus. Digidokumendi pikaajalise säilitamise vorming. Osa 1: PDF 1.4 (PDF/A-1) kasutamine

Parandus on konsolideeritud standardisse EVS-ISO 19005-1:2006

JAANUARIKUUS KINNITATUD JA VEEBRUARIKUUS MÜÜGILE SAABUNUD EESTIKEELSE STANDARDID

EVS-EN 1794-2:2011

Liiklusmüra tõkked. Mitteamustiline toimivus. Osa 2: Üldised ohutus- ja keskkonnanõuded 11,38

Eesti standard on Euroopa standardi EN 1794-2:2011 ingliskeelse teksti sisu poolest identne tõlge eesti keelde.

Standard täpsustab müratõkete üldiste ohutuse ja keskkonnatoimivuse hindamise minimum-nõudeid ja teisi tingimusi tavapärase maanteeäärsetes tingimustes. Projekteerijate hinnata on raskemate tingimuste nõuded. Sobivad katsemeetodid on antud, kus need on vajalikud, kuid mõnede aspektide puhul võivad projekteerijad vajada teavet materjali omadustest. Iga teema käsitus on eraldi toodud lisades A kuni F.

EVS 914:2012

Koristuse kvaliteedi kokku leppimine ja hindamine 17,32

See Eesti standard on koostatud esimest korda. Standard kirjeldab koristus- ja puhastustööde kvaliteedi kindlakstegemise ning hindamise süsteemi. See põhineb standardis

EN 13549:2001 sätestatud üldistel põhimõtetel.

Standard kirjeldab kahte peamist kontrollimise põhimõtet: visuaalne kontrollimine ja mõõtevahendite abil kontrollimine. Olenevalt olukorrast võib olla eelistatav kasutada esimest, teist või mõlemat põhimõtet korraga.

Mõõtevahendeid võib rakendada täiendava meetodina eriruumides, mida kasutatakse nt elektroonika, ravimite või toiduainete tootmiseks, kus asuvad laboratooriumid vms ning kus teenuse tellijad esitavad seetõttu erilisi kvaliteedinõudeid või kus on seadusega kehtestatud kohustuslikud erinõuded.

Siseruumide õhukvaliteeti mõjutab eriti tugevasti tolm. Rahuldava õhukvaliteedi saavutamiseks siseruumides võib olla vaja kehtestada tolmuhindamisega seotud erinõuded. Selleks kasutatakse tolmuhindamist. Teenuse tellijad võivad nõuda tolmuhindamist eraldiseisvalt nagu kirjeldatud jaotises D.1, või visuaalse kontrolli täiendusena. Kliendid peavad määrama, millal mõõtmisi tuleb teha ja milline on rahuldav tolmuhindamise tase tabeli D.1 kohaselt.

Standardis toodud süsteemi saab rakendada erinevatel viisidel:

- koristustööde kvaliteedi kontrollimiseks;
- mustustaseme ja/või taasmäärumise taseme hindamiseks;
- nõutavate tulemuste määramiseks koristusteenuste läbiviimisel, tellimisel, pakumisel ja/või hangete korraldamisel (vt standardit INSTA 810 või EVS 807:2010);
- hindamiseks, milline puhastustegevus on vajalik, et saavutada etteantud kvaliteeditaset;
- koristustegevusega saavutatud kvaliteedi kindlakstegemiseks.

Standard kirjeldab ainult mõõtmisüsteemi rakendamist nõutava kvaliteedi määramiseks ning koristus- ja puhastustööde kvaliteedi kontrollimiseks.

Standard on kasutatav kõigi hoonete ja ruumide tüüpide jaoks, nt mis tahes ruumid kontorihoonetes, haiglates, koolides, lasteaedades, kaubanduskeskustes, poodides, tsehhides, laevadel, bussides, rongides, lennukites, hotellides ja restoranides, olenemata koristamise meetoditest, sagedusest ja süsteemist. Standard kirjeldab vahetult pärast koristuse lõppu saavutatud tulemusi.

MÄRKUS Standard ei hõlma koristusega seotud teenuste osutamise hindamist ja kontrolli, nagu tualett-tarvikutega varustamine, paberikorvide tühjendamine, ümbertöödeldavate materjalide käitlemine vms. Kui selliste tööde teostamine on nõutav, siis tuleb see koristuslepingus eraldi ära märkida, sätestades ka selliste teenuste kvaliteedi hindamise süsteemi.

EVS-EN 771-5:2011

Müürikivide spetsifikatsioon. Osa 5:

Betoontehismüürikivid 12,65

See Eesti standard on Euroopa standardi EN 771-5:2011 ingliskeelse teksti sisu poolest identne tõlge eesti keelde.

See Eesti standard spetsifitseerib põhiliselt hoonete ja rajatiste kandvas või mittekandvas müüritises ja müüritise viimistlus- ning fassaadikihis kasutatavate betoontehiskivide omadused ja toimivuskriteeriumid. Kivid sobivad kõikidele korrapärase ja ebakorrapärase laotisega seintele, kaasa arvatud ühekihilised seinad, täidis-, vahe-, tugiseinad ja korstnate välisvooderdus, mis toimivad

tulekaitsena, sooja- ja heliisolatsiooni ning helineelava materjalina.

See standard hõlmab betoontehiskive, mis on valmistatud valu- või pressimismenetlusele ja millel on või ei ole vormimise, lõhestamise, pesemise ja suruõhu või mehaanilise töötusega moodustatud pinnatekstuur. Standard hõlmab nii läbinisti samast betoonist kui ka erinevatest betoonidest välis- ja sisekihiga müürikive, välja arvatud pealeliimitud dekoratiivkattega kivid. See standard ei hõlma müürikive, mis vastavad standardile EN 771-3.

Standard määratleb toote omadused, sealhulgas tugevuse, tiheduse, mõõtmete täpsuse ja pinna omadused ning toodete sellele standardile vastavuse hindamise korra ja standardile vastavate toodete tähistusele esitatavad nõuded.

See standard ei käsitle nõudeid korrusekõrgustele paneelidele, suitsulõõri vooderduses ja hüdroisolatsioonikihtides kasutatavatele müürikividele, ei normeeri betoontehiskivide mõõtmeid ega spetsifitseeri erikujuga kivide nimimõõtmeid ning nurkade suurust. Samuti ei käsitle standard nõudeid müürikividele, mille eeldatavalt tulega kokkupuutuv pind on kaetud soojusisolatsiooniga.

EVS-EN 771-6:2011

Müürikivide spetsifikatsioon. Osa 6:

Looduslikud müürikivid 12,02

Eesti standard on Euroopa standardi EN 771-6:2011 ingliskeelse teksti sisu poolest identne tõlge eesti keelde.

See Euroopa standard spetsifitseerib omadused ja toimivuskriteeriumid looduskivist valmistatud müürikividele lausega ≥ 80 mm, mida kasutatakse põhiliselt tavaliste müürikividenä ja fassaadi- või voodrikividenä hoonete ja rajatiste kande- ning mittekandeseintes. Need müürikivid sobivad kasutamiseks nii kihilise kui ka ebakorrapärase laotisega müüritistes, kaasa arvatud ühekihilised seinad, täidis-, vahe- ja tugiseinad ning korstnate välisvooder. Neid võib kasutada tulekaitses, soojusisolatsiooniks, heliisolatsiooniks ja helineelava materjalina.

See standard hõlmab ka looduslike mitterööptahukakujulisi ja erikujulisi müürikive ning täiendkive, mida kasutatakse nii sise- kui ka välistingimustes. Standard määratleb nõuded, nt tugevusele, petrograafilisele kirjeldusele, tihedusele, poorsusele, mõõtmete täpsusele, soojusjuhtivusele, veeimavusele ja

külmakindlusele, ning toodete sellele standardile vastavuse hindamise korra. Standardis esitatakse ka nõuded sellele standardile vastavate toodete tähistusele.

See standard ei hõlma korrusekõrgusi paneele, looduslikke sillutuskive, korstna suitsulõõri vooderdusi ega hüdroisolatsioonikihtides kasutatavaid tooted.

EVS-EN 12464-1:2011

Valgus ja valgustus. Töökohavalgustus. Osa 1: Sisetöökohad 16,36

Eesti standard on Euroopa standardi EN 12464-1:2011 ingliskeelse teksti sisu poolest identne tõlge eesti keelde.

Standard sätestab inimeste valgustusnõuded sisetöökohadel, lähtudes normaalse nägemisvõimega inimeste nägemismugavusest ja nägemistöö sooritamiseviisist. Arvesse on võetud kõik tavapärased nägemisülesanded, sealhulgas töö kuvarseadmetega.

Standard sätestab enamiku sisetöökohade ja nendega seotud alade valgustuslahenduste kvantiteedi- ja kvaliteedinõuded. Lisaks sellele esitatakse heal valgustustaval põhinevaid soovitusi.

Standard ei sätesta valgustusnõudeid töötajate tööohutuse ja töötervishoiu seisukohast ega ole koostatud Euroopa Liidu Lepingu artikli 153 rakendamisalasse kuuluvana, kuigi selles standardis sätestatud valgustusnõuded täidavad enamasti ka ohutuse nõudeid. Töötajate tööohutuse ja töötervishoiu seisukohast vajalikud valgustusnõuded võivad sisalduda Euroopa Liidu Lepingu artiklil 153 põhinevates direktiivides, nendel direktiividel põhinevas liikmesriikide seadustes või muudes riiklikes õigusaktides.

EE MÄRKUS 2010. aasta seisuga on tegemist Euroopa Liidu toimimise lepingu konsolideeritud versiooniga, mis on avaldatud Euroopa Liidu Teatajas nr C83 30.03.2010. Selle lepingu artikkel 153 käsitleb liikmesriikide meetmete toetamist ja täiendamist tööõiguslike nõuete alal, eelkõige aga töökeskkonna parandamise valdkonnas, et kaitsta töötajate tervist ja turvalisust. Selles artiklis nähakse ühtlasi ette sellekohaste direktiivide kehtestamist. Standard ei näe ette konkreetseid valgustuslahendusi ega piira projekteerija vabadust kasutada uusi tehnilisi võimalusi ja innovatiivseid valgustusvahendeid. Valgustuses võidakse ette näha päevavalguse, tehisvalgustuse või nende mõlema üheaegset kasutamist.

Standard ei laiene välistöökohade valgustusele, allmaakaevanduste valgustusele ega hädavalgustusele. Nõuded välistöökohade valgustuse kohta on esitatud standardis EN 12464-2, hädavalgustuse kohta aga standardeis EN 1838 ja EN 13032-3.

EVS-EN ISO 22716:2008

Kosmeetikatooted. Head tootmistavad.

Juhised heade tootmistavade osas 12,65

Eesti standard on Euroopa standardi EN ISO 22716:2007 sisu poolest identne tõlge eesti keelde.

See rahvusvaheline standard annab juhised kosmeetikatoodete tootmiseks, kontrollimiseks, säilitamiseks ja tarnimiseks.

Need juhised hõlmavad toote kvaliteedi aspekte, kuid ei kata tervikuna ohutuse aspekte tehases töötavate inimeste jaoks ega ka keskkonnakaitse aspekte. Ohutuse ja keskkonna aspektid on tootjafirma sisemised kohustused ning neid võib reguleerida kohalike seaduste ja määruste abil.

Need juhised ei ole rakendatavad teadus- ja arendustegevuses ning valmistoodete levitamisel.

EVS-EN 62305-1:2011

Piksekaitse. Osa 1: Üldpõhimõtted 17,32

Eesti standard on Euroopa standardi EN 62305-1:2011 ingliskeelse teksti sisu poolest identne tõlge eesti keelde.

Standardi IEC 62305 selles osas on toodud üldpõhimõtted, mida peab järgima nii ehitiste, kaasa arvatud ehitiste seadmestiku ja sisaldiste, kui ka inimeste piksekaitseks.

Selle standardi käsitusalasasse ei kuulu:

- raudteesüsteemid;
- sõidukid, laevad, lennukid, merre ehitatud rajatised;
- maa-alused kõrgrõhutorustikud;
- torud ning elektri- ja sideliinid, mis paiknevad väljaspool ehitist.

MÄRKUS Tavaliselt rakenduvad nendele süsteemidele vastavate eri ametkondade kehtestatud erieeskirjad.

EVS-EN 62305-3:2011

Piksekaitse. Osa 3: Ehitistele tekitatavad füüsikalised kahjustused ja oht elule 24,09

Eesti standard on Euroopa standardi EN 62305-3:2011 ingliskeelse teksti sisu poolest identne tõlge eesti keelde.

EN 62305 see osa esitab nõuded ehitise kaitseks füüsikalise kahjustamise vastu

piksekaitstesüsteemi (LPS) abil ja elusolendite traumade vältimiseks puute- ning sammupingetega piksekaitstesüsteemi lähedal (vt EN 62305-1).

See standard on rakendatav:

- a) ehitiste piksekaitstesüsteemide projekteerimisel, paigaldamisel, kontrollimisel ja hooldustel ilma piiranguteta ehitiste kõrgusele,
- b) meetmete ettevalmistamisel elusolendite kaitseks puute- ja sammupingetega traumeerimise vastu.

MÄRKUS 1 Plahvatusohu tõttu ümbrusele ohtlike ehitiste piksekaitstesüsteemidele esitatavad erinõuded on ettevalmistamisel. Lisas D on ajutiseks kasutamiseks toodud täiendav informatsioon.

MÄRKUS 2 See EN 62305 osa ei käsitle elektri- ja elektroonikasüsteemide kaitset liigpingete tõttu tekkivate rikete vastu. Selleks otstarbeks on erinõuded toodud standardis EN 62305-4.

MÄRKUS 3 Erinõuded elektrituulikute piksekaitseks on esitatud standardis IEC 61400-24.

EVS-EN 62305-4:2011

Piksekaitse. Osa 4: Ehitiste elektri- ja elektroonikasüsteemid 20,13

Eesti standard on Euroopa standardi EN 62305-4:2011 ingliskeelse teksti sisu poolest identne tõlge eesti keelde.

Standardi IEC 62305 see osa annab informatsiooni elektri- ja elektroonikasüsteemide kaitse projekteerimise, paigaldamise, kontrolli, hoolduse ja katsetamise kohta, eesmärgiga vähendada välgu elektromagnetilise impulsi põhjustatud püsivate rikete riski ehitise sees.

Standard ei käsitle kaitset välgu tekitatud elektromagnetiliste häirete vastu, mis võib põhjustada elektroonikasüsteemide väärtalitlust. Siiski võib lisas A toodud informatsiooni kasutada ka selliste häirete hindamiseks. Kaitsemeetmeid elektromagnetiliste häirete vastu käsitletakse standardis IEC 60364-4-44 ja standardisarjas IEC 61000.

Standard annab juhtnööre elektri- ja elektroonikasüsteemide projekteerija ning kaitsemeetmete projekteerija vaheliseks koostööks, eesmärgiga saavutada kaitse optimaalne efektiivsus.

Standard ei käsitle elektri- ja elektroonikasüsteemide enda üksikasjalikku projekteerimist.

EVS-EN 13869:2007+A1:2011

Välgumihklid. Välgumihklite lastekindlus. Ohutusnõuded ja katsemeetodid 8,63

Eesti standard on Euroopa standardi EN 13869:2002+A1:2011 ingliskeelse teksti sisu poolest identne tõlge eesti keelde.

See Euroopa standard määratleb välgumihklite ohutusnõuded. Need nõuded on ette nähtud selleks, et teha välgumihklite kasutamine võimatuks alla 51 kuu vanustele lastele vastavuses selle Euroopa standardi sätetega.

See Euroopa standard on kohaldatav välgumihklitele, nagu määratletud jaotises 3.1, mis kasutavad kütusena butaani, isobutaani, propaani, muid veeldatud süsivesinikke või segu, mille koostisse kuulub süsivesinik, mille aururõhk 24 °C juures on suurem kui 103 kPa.

See Euroopa standard ei ole kohaldatav:

- tikkudele ega muudele süüte-seadmetele, mis on mõeldud eelkõige erinevate materjalide süütamiseks, nagu kaminakütus, süsi või gaasikütusel töötavad grillid, mitte sigarettide või muude tubakatoodete süütamiseks;
- taastäidetavatele välgumihklitele, mille kohta tootja esitab pädevate asutuste nõudel dokumendid, mis tõendavad, et välgumihklid on kujundatud, toodetud ja turule toodud sellistena, et nende ohutu kasutusiga on vähemalt viis aastat, on remonditavad ja mis rahuldavad konkreetset kõiki järgmisi nõudeid:
- vähemalt kaheaastane kirjalik garantiid igale välgumihklile kooskõlas Euroopa Parlamendi ja Nõukogu direktiivi 1999/44/EÜ artikkel 6-ga; see garantiid on lisaks tarbijate õiguste artikkel 3 alusel antule;
- võimalus välgumihkli, sealhulgas ka süütemehhanismi, praktiliseks remondiks ja ohutuks taastamiseks kogu kasutusea jooksul;
- osad, mis ei ole kulumaterjalid, kuid võivad kuluda või üles öelda jätkuval kasutamisel peale garantiiperioodi, peavad olema vahetatavad või remonditavad Euroopa Liidus asuvates tootja volitatud või spetsialiseeritud müüjijärgse teeninduse keskustes.

MÄRKUS Eespool nimetatud kriteeriumites peetakse silmas ka nn luksuslikke või poolluksuslikke tulemasinaid, milledele on iseloomulik ka vähene asendatavus teiste tulemasinatega ja mis on üksiktarbija pakendeis.

EVS-EN ISO 9994:2007+A1:2008

Välgumihklid. Ohutusnõuded 14,64

Eesti standard on Euroopa standardi EN ISO 9994:2006 ja selle muudatuse EN ISO 9994:2006/A1:2008 ingliskeelse teksti sisu poolest identne konsolideeritud tõlge eesti keelde.

See standard kehtestab välgumihklitele esitatavad nõuded, mis peavad tagama välgumihklite normaalse kasutamise või põhjendatult etteaimatava väärkasutamise korral nende mõistliku ohutuse astme.

Standardis toodud ohutusnõuded kehtivad kõikidele leeki tekitavatele toodetele, mida

tavaliselt tuntakse sigarettide välgumihklite, sigarite välgumihklite ja piipude välgumihklitena. See ei kehti tikkudele ega teistele leeki tekitavatele toodetele, mis on ette nähtud ainult teiste materjalide süütamiseks, mille hulka ei kuulu sigaretid, sigarid ja piibud.

Välgumihklid, nagu kõik teisedki leegiallikad, võivad olla kasutajale ohtlikud.

Standardis toodud ohutusnõuded ei saa kõrvaldada kõiki ohte, aga selle eesmärgiks on vähendada kõiki võimalikke ohte, mis välgumihkli kasutajat ohustavad.

EVS-EN ISO 9994:2007/A1:2008

Välgumihklid. Ohutusnõuded. Muudatus 1: Ehitusnõuete selgitus 4,35

Eesti standard on Euroopa standardi

EN ISO 9994:2006 muudatuse

EN ISO 9994:2006/A1:2008 ingliskeelse teksti sisu poolest identne tõlge eesti keelde.

JAANUARIKUUS MUUDETUD STANDARDITE PEALKIRJAD

Selles jaotises avaldame infot Eesti standardite eesti- ja ingliskeelsete pealkirjade muutmise kohta ja ingliskeelsete pealkirjade tõlkimise kohta.

Lisainformatsioon või ettepanekud standardipealkirjade ebatäpsustest enquiry@evs.ee

Eesti standardite eestikeelsete pealkirjade muutmine:

Standardi tähis	Muudetav pealkiri (et)	UUS pealkiri (et)
EVS-EN 15700:2011	Talispordiks või turistidele mõeldud traveleatori lindi ohutus	Talispordiks või vaba aja veetmiseks mõeldud lintkonveieri ohutus
EVS-EN ISO 9994:2007/ A1:2008	Välgumihklid. Ohutuse spetsifikatsioon	Välgumihklid. Ohutusnõuded. Muudatus 1: Ehitusnõuete selgitus

Eesti standardi ingliskeelse pealkirja muutmine:

Standardi tähis	Muudetav pealkiri (en)	UUS pealkiri (en)
EVS-EN 15700:2011	Safety for conveyor belts for winter sport or tourist use	Safety for conveyor belts for winter sport or leisure use

Eesti standardite ingliskeelsete pealkirjade tõlkimine eesti keelde:

Standardi tähis	Standardi pealkiri (en)	Standardi pealkiri (et)
EVS-EN 1570-1:2011	Safety requirements for lifting tables - Part 1: Lifting tables serving up to two fixed landings	Tõstelavade ohutusnõuded. Osa 1: Kuni kahte liikumatut vastuvõtuplatvormi teenindavad tõstelavad

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