

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 toote nõuetele vastavuse 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 1999/5/EÜ

Raadioseadmed ja telekommunikatsioonivõrgu lõppseadmed

(EL Teataja 2012/C 104/01)

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 vastavuseel dus kaotab kehtivuse Märkus 1	Direktiivi 1999/5/EÜ artikkel
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EVS-EN 50401:2006/A1:2011 Tootestandard raadiosidevõrkude jaoks ettenähtud kohtkindlate raadiosaateseadmete (110 MHz – 40 GHz) vastavuse tõendamiseks raadiosageduslike elektromagnetväljade elanikukiirituse alaste põhipiirangutega või baastasemetega nende seadmete kasutuselevõtul / <i>Product standard to demonstrate the compliance of fixed equipment for radio transmission (110 MHz - 40 GHz) intended for use in wireless telecommunication networks with the basic restrictions or the reference levels related to general public exposure to radio frequency electromagnetic fields, when put into service</i>	11.04.2012	Märkus 3	29.08.2014	
EVS-EN 55022:2011/AC:2011 Infotehnoloogiaseadmed. Raadiohäiringute tunnussuurused. Piirväärtused ja mõõtemetodid / <i>Information technology equipment - Radio disturbance characteristics – Limits and methods of measurement</i>	11.04.2012			
EVS-EN 60950-1:2006/AC:2011 Infotehnikaseadmed. Ohutus. Osa 1: Üldnõuded / <i>Information technology equipment - Safety - Part 1: General requirements</i>	11.04.2012			
EVS-EN 300 113-2 V1.5.1:2012 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Liikuv maaside; Antenniühendusega pidevat või vahelduvat mähisjoone modulatsiooni kasutavad raadioseadmed andme- ja/või kõneedastuseks; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 põhinõuete alusel. / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Land mobile service; Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive</i>	11.04.2012	EVS-EN 300 113-2 V1.4.2:2010 Märkus 2.1	31.08.2013	Artikli 3, lõige 2
EVS-EN 300 422-2 V1.3.1:2011 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Raadiosagedusalas 25 MHz kuni 3 GHz töötavad raadiomikrofonid; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 põhinõuete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Wireless microphones in the 25 MHz to 3 GHz frequency range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive</i>	11.04.2012	EVS-EN 300 422-2 V1.2.2:2008 Märkus 2.1	31.05.2013	Artikli 3, lõige 2

<p>EVS-EN 300 433-2 V1.3.1:2011 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Osa 2: CB (Citizens' Band) raadioseade. Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 põhiolemuse alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Citizens' Band (CB) radio equipment; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive</i></p>	<p>11.04.2012</p>	<p>EVS-EN 300 433-2 V1.1.2:2004 Märkus 2.1</p>	<p>30.03.2013</p>	<p>Artikli 3, lõige 2</p>
<p>EVS-EN 300 676-2 V1.5.1:2011 VHF raadiosagedusala liikuva lennuse teenistuse maapealsed kaasaskantavad, liikuvad ja kohtkindlalt paigaldatavad amplituudmodulatsiooniga raadiosaatjad, vastuvõtjad ja transiiverid. Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 põhiolemuse alusel / <i>Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers for the VHF aeronautical mobile service using amplitude modulation; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive</i></p>	<p>11.04.2012</p>	<p>EVS-EN 300 676-2 V1.4.1:2010 Märkus 2.1</p>	<p>31.05.2013</p>	<p>Artikli 3, lõige 2</p>
<p>EVS-EN 301 489-1 V1.9.2:2011 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Raadioseadmete ja raadioside teenistuste elektromagnetilise ühilduvuse (EMC) standard; Osa 1: Üldised tehnilised nõuded / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements</i></p>	<p>11.04.2012</p>	<p>EVS-EN 301 489-1 V1.8.1:2008 Märkus 2.1</p>	<p>30.06.2013</p>	<p>Artikli 3, lõike 1 punkt b</p>
<p>EVS-EN 301 489-23 V1.5.1:2012 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Raadioseadmete ja raadioside teenistuste elektromagnetilise ühilduvuse (EMC) standard; Osa 23: Eritingimused IMT-2000 otsese hajutamise CDMA (UTRA ja E-UTRA) baasjaamale (BS), repiiterile ja nende lisaseadmetele / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 23: Specific conditions for IMT-2000 CDMA, Direct Spread (UTRA and E-UTRA) Base Station (BS) radio, repeater and ancillary equipment</i></p>	<p>11.04.2012</p>	<p>EVS-EN 301 489-23 V1.4.1:2011 Märkus 2.1</p>	<p>31.08.2013</p>	<p>Artikli 3, lõike 1 punkt b</p>

<p>EVS-EN 301 681 V1.4.1:2012 Kosmoseside maajaamad ja süsteemid (SES); Liikuva kosmoseside (MSS) raadiosagedusala 1,5/1,6 GHz töötavate geostatsionaarse liikuva kosmosesidesüsteemi isikliku kasutusega satelliitsidevõrkude (S-PCN) liikuvate maajaamade (MESs) kaasa arvatud teisaldatavate maajaamade harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 põhinõuete alusel / <i>Satellite Earth Stations and Systems (SES); Harmonized EN for Mobile Earth Stations (MESs) of Geostationary mobile satellite systems, including handheld earth stations, for Satellite Personal Communications Networks (S-PCN) in the 1,5/1,6 GHz bands under the Mobile Satellite Service(MSS) covering the essential requirements of article 3.2 of the R&TTE Directive</i></p>	<p>11.04.2012</p>	<p>EVS-EN 301 681 V1.3.2:2003 Märkus 2.1</p>	<p>31.08.2013</p>	<p>Artikli 3, lõige 2</p>
<p>EVS-EN 301 841-3 V1.1.1:2012 VHF õhk/maa side digitaalsed liinid (VDL) tüüp 2. Maapealsete seadmete tehnilised karakteristikud ja mõõtemetodid. Osa 3: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 põhinõuete alusel / <i>VHF air-ground Digital Link (VDL) Mode 2; Technical characteristics and methods of measurement for ground-based equipment; Part 3: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive</i></p>	<p>11.04.2012</p>			<p>Artikli 3, lõige 2</p>
<p>EVS-EN 301 893 V1.6.1:2012 Lairiba raadiojuurdepääsuvõrgud (BRAN); Raadiosagedusala 5 GHz töötavate suure edastuskiirusega RLAN seadmed; Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel / <i>Broadband Radio Access Networks (BRAN); 5 GHz high performance RLAN; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive</i></p>	<p>11.04.2012</p>	<p>EVS-EN 301 893 V1.5.1:2008 Märkus 2.1</p>	<p>31.12.2012</p>	<p>Artikli 3, lõige 2</p>
<p>EVS-EN 301 908-1 V5.2.1:2011 IMT mobiilsidevõrgud. Harmoneeritud EN R&TTE direktiivi artikli 3 punkti 2 põhinõuete alusel. Osa 1: Sissejuhatus ja üldised nõuded / <i>IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 1: Introduction and common requirements</i></p>	<p>11.04.2012</p>	<p>EVS-EN 301 908-1 V4.2.1:2010 Märkus 2.1</p>	<p>31.12.2013</p>	<p>Artikli 3, lõige 2</p>

EVS-EN 301 908-13 V5.2.1:2011 IMT mobiilsidevõrgud.Harmoneeritud EN R&TTE direktiivi artikli 3 punkti 2 põhinõuete alusel. Osa 13: E-UTRA kasutajaseadmed (UE) / <i>IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)</i>	11.04.2012	EVS-EN 301 908-13 V4.2.1:2010 Märkus 2.1	31.01.2012	Artikli 3, lõige 2
EVS-EN 301 908-14 V5.2.1:2011 IMT mobiilsidevõrgud.Harmoneeritud EN R&TTE direktiivi artikli 3 punkti 2 põhinõuete alusel. Osa 14: E-UTRA Baasjaamad (BS) / <i>IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS)</i>	11.04.2012	EVS-EN 301 908-14 V4.2.1:2010 Märkus 2.1	31.01.2013	Artikli 3, lõige 2
EVS-EN 301 908-19 V5.2.1:2012 Kolmanda põlvkonna mobiiltelefonivõrk.Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 põhinõuete alusel. Osa 19: OFDMA TDD WMAN (Mobile WiMAX) TDD kasutajaseadmed / <i>IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 19: OFDMA TDD WMAN (Mobile WiMAX) TDD User Equipment (UE)</i>	11.04.2012			Artikli 3, lõige 2
EVS-EN 301 908-20 V5.2.1:2012 Kolmanda põlvkonna mobiiltelefonivõrk.Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 põhinõuete alusel. Osa 20: OFDMA TDD WMAN (Mobile WiMAX) TDD baasjaamad / <i>IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 20: OFDMA TDD WMAN (Mobile WiMAX) TDD Base Stations (BS)</i>	11.04.2012			Artikli 3, lõige 2
EVS-EN 301 908-21 V5.2.1:2012 Kolmanda põlvkonna mobiiltelefonivõrk.Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 põhinõuete alusel. Osa 21: OFDMA TDD WMAN (Mobile WiMAX) FDD kasutajaseadmed / <i>IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 21: OFDMA TDD WMAN (Mobile WiMAX) FDD User Equipment (UE)</i>	11.04.2012			Artikli 3, lõige 2

EVS-EN 301 908-22 V5.2.1:2012 IMT cellular networks;Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive;Part 22: OFDMA TDD WMAN (Mobile WiMAX) FDD Base Stations (BS)	11.04.2012			Artikli 3, lõige 2
EVS-EN 301 908-4 V5.2.1:2012 Kolmanda põlvkonna mobiiltelefonivõrk.Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 põhiolemuse alusel.Osa 4: mitme kandjaga CDMA (cdma2000) kasutajaseadmed (UE) / <i>IMT cellular networks;Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive;Part 4: CDMA Multi-Carrier (cdma2000) User Equipment (UE)</i>	11.04.2012	EVS-EN 301 908-4 V4.2.1:2010 Märkus 2.1	30.06.2013	Artikli 3, lõige 2
EVS-EN 301 908-5 V5.2.1:2012 Kolmanda põlvkonna mobiiltelefonivõrk.Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 põhiolemuse alusel. Osa 5: mitme kandjaga CDMA (cdma2000) baasjaamad / <i>IMT cellular networks;Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive;Part 5: CDMA Multi-Carrier (cdma2000) Base Stations (BS)</i>	11.04.2012	EVS-EN 301 908-5 V4.2.1:2010 Märkus 2.1	30.06.2013	Artikli 3, lõige 2
EVS-EN 302 208-2 V1.4.1:2012 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM). Raadiosagedusalas 865 MHz kuni 868 MHz võimsusega kuni 2 W töötavad raadiosageduslikud identifitseerimisseadmed. Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 põhiolemuse alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM);Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W;Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive</i>	11.04.2012	EVS-EN 302 208-2 V1.3.1:2010 Märkus 2.1	31.08.2013	Artikli 3, lõige 2
EVS-EN 302 686 V1.1.1:2012 Intelligent Transport Systems (ITS);Radiocommunications equipment operating in the 63 GHz to 64 GHz frequency band;Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive	11.04.2012			Artikli 3, lõige 2

<p>EVS-EN 302 858-2 V1.2.1:2011 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Maanteesidesüsteemi seadmed (RTTT); Sagedusalas 24.05 GHz kuni 24,25 GHz töötavad maanteesidesüsteemi lähitoime radarid; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 põhinõuete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Road Transport and Traffic Telematics (RTTT); Short range radar equipment operating in the 24,05 GHz to 24,25 GHz frequency range for automotive application; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive</i></p>	<p>11.04.2012</p>			<p>Artikli 3, lõige 2</p>
<p>EVS-EN 302 885-2 V1.1.1:2011 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM). Teisaldatavad liikuva mereside VHF raadiosagedusalas töötavad sisseehitatud klass D digitaalselektiivväljakutsega (DCS) käsijaamad.Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class D DSC; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive</i></p>	<p>11.04.2012</p>			<p>Artikli 3, lõige 2</p>
<p>EVS-EN 302 885-3 V1.1.1:2011 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM). Teisaldatavad liikuva mereside VHF raadiosagedusalas töötavad sisseehitatud klass D digitaalselektiivväljakutsega (DCS) käsijaamad.Osa 3: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 3 punkti e alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class D DSC; Part 3: Harmonized EN covering the essential requirements of article 3.3(e) of the R&TTE Directive</i></p>	<p>11.04.2012</p>			<p>Artikli 3, lõige 2</p>

EVS-EN 303 213-6-1 V1.1.1:2012 Lennuvälja maapealse liikluse juhtimise täiustatud süsteem (A-SMGCS); Osa 6: Harmoneeritud EN R&TT artikli 3 lõike 2 põhinõuete alusel süsteemi juures kasutatava maapealse liikluse seireradarite (SMR) jaoks; Alaosa 1: X-riba impulssseireseadmed saatjavõimsusega kuni 100 kW / <i>Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 6: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive for deployed surface movement radar sensors; Sub-part 1: X-band sensors using pulsed signals and transmitting power up to 100 kW</i>	11.04.2012			Artikli 3, lõige 2
EVS-EN 305 550-2 V1.1.1:2011 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lähitoimeseadmed (SRD). Raadioagedusala 40 GHz kuni 246 GHz töötavad raadioseadmed. Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 alusel. / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 40 GHz to 246 GHz frequency range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive</i>	11.04.2012			Artikli 3, lõige 2

Märkus 1: Tavaliselt on kuupäevaks, mil asendatava standardi järgimisest tulenev vastavuseeldus kehtivuse kaotab, Euroopa standardiorganisatsiooni kehtestatud tühistamiskuupäev, kuid kõnealuste standardite kasutajate tähelepanu juhitakse asjaolule, et teataval erandjuhtudel võib olla ka teisiti.

Märkus 2.1: Uue (või muudetud) standardi käsitlusala on samasugune nagu asendataval standardil. Osutatud kuupäeval kaotab kehtivuse asendatava standardi järgimisest tulenev vastavuseeldus direktiivi oluliste nõuetega.

Märkus 3: Muudatuse puhul on viitestandard EVS-EN CCCCC:AAAA, vajaduse korral selle varasemad muudatused ja osutatud uus muudatus. Asendatav standard (veerg 3) koosneb seega standardist EVS-EN CCCCC:AAAA ja vajaduse korral selle varasematest muudatustest, kuid ei hõlma osutatud uut muudatust. Osutatud kuupäeval kaotab kehtivuse asendatava standardi järgimisest tulenev vastavuseeldus direktiivi oluliste nõuetega.

Direktiiv 2004/108/EÜ
Teatavates pingevahemikes kasutatavad elektriseadmed
(EL Teataja 2012/C 104/02)

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 50130-4:2011 Alarmsüsteemid. Osa 4: Elektromagnetiline ühilduvus. Tooteperekonna standard: Häiringukindluse nõuded tulekahju-, sissemurde- ja kallaletungialarmsüsteemide, videovalvesüsteemide, juurdepääsukontrollisüsteemide ja personaal-appikutsesüsteemide komponentidele / <i>Alarm systems - Part 4: Electromagnetic compatibility - Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems</i>	11.04.2012	EVS-EN 50130-4:2001 ja selle muudatused Märkus 2.1	13.06.2014
EVS-EN 55014-1:2007/A2:2011 Elektromagnetiline ühilduvus. Nõuded majapidamismasinadele, elektrilistele tööriistadele ja nendesarnastele seadmetele. Osa 1: Emissioon / <i>Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus -- Part 1: Emission</i>	11.04.2012	Märkus 3	16.08.2014
EVS-EN 55020:2007/A11:2011 Raadioringhäälingu ja televisioonilevi vastuvõtjad ja kaasseadmed. Häiringukindluse tunnussuurused. Piirväärtused ja mõõtemetodid / <i>Sound and television broadcast receivers and associated equipment - Immunity characteristics - Limits and methods of measurement</i>	11.04.2012	Märkus 3	01.01.2013
EVS-EN 55022:2011/AC:2011 Infotehnoloogiaseadmed. Raadiohäiringute tunnussuurused. Piirväärtused ja mõõtemetodid / <i>Information technology equipment - Radio disturbance characteristics – Limits and methods of measurement</i>	11.04.2012		
EVS-EN 60730-2-7:2010/AC:2011 Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 2-7: Erinõuded taimeritele ja lülituskelladele / <i>Automatic electrical controls for household and similar use - Part 2-7: Particular requirements for timers and time switches</i>	11.04.2012		
EVS-EN 60947-4-3:2001/A2:2011 Madalpingelised lülitus- ja juhtimisaparaadid. Osa 4-3: Kontaktorid ja mootorikäivitid. Vahelduvvoolu pooljuhtkontrollerid ja -käivitid mittemootorkoormustele / <i>Low-voltage switchgear and controlgear - Part 4-3: Contactors and motor-starters - AC semiconductor controllers and contactors for non-motor loads</i>	11.04.2012	Märkus 3	18.04.2014

EVS-EN 61812-1:2011 Ajareeled tööstuslikuks kasutuseks. Osa 1: Nõuded ja katsetused / <i>Time relays for industrial and residential use - Part 1: Requirements and tests</i>	11.04.2012	EVS-EN 61812-1:2001 ja selle muudatus Märkus 2.1	19.06.2014
EVS-EN 301 489-1 V1.9.2:2011 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Raadioseadmete ja raadiosideteenistuste elektromagnetilise ühilduvuse (EMC) standard; Osa 1: Üldised tehnilised nõuded / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements</i>	11.04.2012	EVS-EN 301 489-1 V1.8.1:2008 Märkus 2.1	30.06.2013

Märkus 1: Tavaliselt on kuupäevaks, mil asendatava standardi järgimisest tulenev vastavuseeldus kehtivuse kaotab, 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 käsitusala on samasugune nagu asendataval standardil. Osutatud kuupäeval kaotab kehtivuse asendatava standardi järgimisest tulenev vastavuseeldus direktiivi oluliste nõuetega.

Märkus 3: Muudatuse puhul on viitestandard EVS-EN CCCC:AAAA, vajaduse korral selle varasemad muudatused ja osutatud uus muudatus. Asendatav standard (veerg 3) koosneb seega standardist EVS-EN CCCC:AAAA ja vajaduse korral selle varasematest muudatustest, kuid ei hõlma osutatud uut muudatust. Osutatud kuupäeval kaotab kehtivuse asendatava standardi järgimisest tulenev vastavuseeldus direktiivi oluliste nõuetega.

Direktiiv 2009/105/EÜ
Lihtsad surveanumad
(EL Teataja 2012/C 104/03)

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 287-1:2011 Keevitajate atesteerimine. Sulakeevitus. Osa 1: Terased / <i>Qualification test of welders - Fusion welding - Part 1: Steels</i>	11.04.2012	EVS-EN 287-1:2004 Märkus 2.1	11.04.2012

Märkus 1: Tavaliselt on kuupäevaks, mil asendatava standardi järgimisest tulenev vastavuseeldus kehtivuse kaotab, 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 käsitusala on samasugune nagu asendataval standardil. Osutatud kuupäeval kaotab kehtivuse asendatava standardi järgimisest tulenev vastavuseeldus direktiivi oluliste nõuetega.

Direktiiv 97/23/EÜ
Surveseadmed
(EL Teataja 2012/C 104/03)

Järgnev loetelu sisaldab viiteid surveseadmete ühtlustatud standarditele ja surveseadmete tootmisel kasutatavate materjalide ühtlustatud tugistandarditele. Surveseadmete tootmisel kasutatavate materjalide ühtlustatud tugistandardite puhul on olulistele ohutusnõuetele vastavuse eeldus piiratud standardi materjalide tehniliste andmetega ning ei hõlma materjalide sobivust konkreetse seadme puhul. Seetõttu tuleb hinnata materjalistandardis esitatud tehnilisi andmeid vastavalt konkreetse seadme konstruktsiooninõuetele, et kontrollida vastavust surveseadmeid käsitleva direktiivi peamistele ohutusnõuetele.

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 267:2010+A1:2011 Automatiseeritud sundõhuga vedelkütuste põletid KONSOLIDEERITUD TEXT / <i>Automatic forced draught burners for liquid fuels CONSOLIDATED TEXT</i>	11.04.2012	EVS-EN 267:2010 Märkus 2.1	11.04.2012
EVS-EN 287-1:2011 Keevitajate atesteerimine. Sulakeevitus. Osa 1: Terased / <i>Qualification test of welders - Fusion welding - Part 1: Steels</i>	11.04.2012	EVS-EN 287-1:2004 Märkus 2.1	11.04.2012
EVS-EN 1563:2011 Metallivalu. Keraja grafiidiga malmid / <i>Founding - Spheroidal graphite cast irons</i>	11.04.2012	EVS-EN 1563:2000 Märkus 2.1	30.06.2012
EVS-EN 1564:2011 Konstruktsioonid. Austeniitaterast sisaldav keragrafiitmalm / <i>Founding - Ausferritic spheroidal graphite cast iron</i>	11.04.2012	EVS-EN 1564:2000 Märkus 2.1	31.05.2012
EVS-EN 10305-4:2011 Terastorud täppiseadmetele. Tehnilised tarnetingimused. Osa 4: Õmblusteta külmtõmmatud torud hüdraulilistele ja pneumaatilistele elektrisüsteemidele / <i>Steel tubes for precision applications - Technical delivery conditions - Part 4: Seamless cold drawn tubes for hydraulic and pneumatic power systems</i>	11.04.2012	EVS-EN 10305-4:2003 Märkus 2.1	11.04.2012
EVS-EN 12952-2:2011 Veetorudega katlad ja abipaigaldised. Osa 2: Katelde ja liseseadmete survedetailide materjalid / <i>Water-tube boilers and auxiliary installations - Part 2: Materials for pressure parts of boilers and accessories</i>	11.04.2012	EVS-EN 12952-2:2002 Märkus 2.1	11.04.2012
EVS-EN 12952-3:2011 Veetorudega katlad ja abipaigaldised. Osa 3: Katla survedetailide projekteerimine ja arvutamine / <i>Water-tube boilers and auxiliary installations - Part 3: Design and calculation for pressure parts of the boiler</i>	11.04.2012	EVS-EN 12952-3:2002 Märkus 2.1	30.06.2012

EVS-EN 12952-5:2011 Veetorudega katlad ja abipaigaldised. Osa 5: Katla survedetailide väljatöötamisviis ja valmistamine / <i>Water-tube boilers and auxiliary installations - Part 5: Workmanship and construction of pressure parts of the boiler</i>	11.04.2012	EVS-EN 12952-5:2002 Märkus 2.1	31.05.2012
EVS-EN 12952-6:2011 Veetorudega katlad ja abipaigaldised. Osa 6: Inspekteerimine katla survedetailide valmistamise, dokumenteerimise ja märgistamise ajal / <i>Water-tube boilers and auxiliary installations - Part 6: Inspection during construction; documentation and marking of pressure parts of the boiler</i>	11.04.2012	EVS-EN 12952-6:2002 Märkus 2.1	11.04.2012
EVS-EN 12953-6:2011 Trummelkatlad. Osa 6: Nõuded katla seadmestikule / <i>Shell boilers - Part 6: Requirements for equipment for the boiler</i>	11.04.2012	EVS-EN 12953-6:2002 Märkus 2.1	Kehtivuse lõppkuupäev (09.09.2011)
EVS-EN 13445-4:2009/A1:2011 Leekkuumutuseta surveanumad. Osa 4: Valmistamine / <i>Unfired pressure vessels - Part 4: Fabrication</i>	11.04.2012	Märkus 3	30.06.2012
EVS-EN 13445-5:2009/A1:2011 Leekkuumutuseta surveanumad. Osa 5: Kontroll ja katsetamine / <i>Unfired pressure vessels - Part 5: Inspection and testing</i>	11.04.2012	Märkus 3	11.04.2012
EVS-EN 13445-5:2009/A2:2011	11.04.2012	Märkus 3	11.04.2012
EVS-EN 13445-5:2009/A3:2011	11.04.2012	Märkus 3	11.04.2012
EVS-EN 13480-5:2002/A1:2011 Metallist tööstustorustik. Osa 5: Kontroll ja katsetamine / <i>Metallic industrial piping - Part 5: Inspection and testing</i>	11.04.2012	Märkus 3	11.04.2012
EVS-EN 13480-8:2007/A1:2011 Metallist tööstustorustik. Osa 8: Täiendavad nõuded alumiiniumist ja alumiiniumsulamist torudele / <i>Metallic industrial piping - Part 8: Additional requirements for aluminium and aluminium alloy piping</i>	11.04.2012	Märkus 3	11.04.2012
EVS-EN 13611:2007+A2:2011 Gaasipõletite ja gaasikütteseadmete ohutus- ja juhtseadmed. Üldnõuded KONSOLIDEERITUD TEKST / <i>Safety and control devices for gas burners and gas burning appliances - General requirements CONSOLIDATED TEXT</i>	11.04.2012	EVS-EN 13611:2007 Märkus 2.1	30.04.2012

Märkus 1: Tavaliselt on kuupäevaks, mil asendatava standardi järgimisest tulenev vastavuseeldus kehtivuse kaotab, Euroopa standardiorganisatsiooni kehtestatud tühistamiskuupäev, kuid kõnealuste standardite kasutajate tähelepanu juhitakse asjaolule, et teataval erandjuhtudel võib olla ka teisiti.

Märkus 2.1: Uue (või muudetud) standardi käsitusala on samasugune nagu asendataval standardil. Osutatud kuupäeval kaotab kehtivuse asendatava standardi järgimisest tulenev vastavuseeldus direktiivi oluliste nõuetega.

Märkus 3: Muudatuse puhul on viitestandard EVS-EN CCCC:AAAA, vajaduse korral selle varasemad muudatused ja osutatud uus muudatus. Asendatav standard (veerg 3) koosneb seega standardist EVS-EN CCCC:AAAA ja vajaduse korral selle varasematest muudatustest, kuid ei hõlma osutatud uut muudatust. 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 käsitlusalaga 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
- Käsitlusala
- 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 ISO 3040:2012

Hind 9,49

Identne EN ISO 3040:2012

ja identne ISO 3040:2009

Geometrical product specifications (GPS) - Dimensioning and tolerancing - Cones (ISO 3040:2009)

This International Standard establishes the definition of cones and specifies the graphical symbol to be used for their indication and methods for their dimensioning and tolerancing. For the purposes of this International Standard, the term "cone" relates to right-angle circular cones only.

Keel en

EVS-EN ISO 19762-1:2012

Hind 15,4

Identne EN ISO 19762-1:2012

ja identne ISO/IEC 19762-1:2008

Information technology - Automatic identification and data capture (AIDC) techniques - Harmonized vocabulary - Part 1: General terms relating to AIDC (ISO/IEC 19762-1:2008)

This part of ISO/IEC 19762 provides general terms and definitions in the area of automatic identification and data capture techniques on which are based further specialized sections in various technical fields, as well as the essential terms to be used by non-specialist users in communication with specialists in automatic identification and data capture techniques.

Keel en

EVS-EN ISO 19762-3:2012

Hind 11,67

Identne EN ISO 19762-3:2012

ja identne ISO/IEC 19762-3:2008

Information technology - Automatic identification and data capture (AIDC) techniques - Harmonized vocabulary - Part 3: Radio frequency identification (RFID) (ISO/IEC 19762-3:2008)

This part of ISO/IEC 19762 provides terms and definitions unique to radio frequency identification (RFID) in the area of automatic identification and data capture techniques. This glossary of terms enables the communication between non-specialist users and specialists in RFID through a common understanding of basic and advanced concepts.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

CEN/TS 14825:2003

Identne CEN/TS 14825:2003

Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling - Testing and rating at part load conditions

This Technical Specification covers testing of air conditioners, heat pumps and liquid chilling packages for part load conditions. It specifies the terms, the definitions, the methods for testing and reporting, and the calculation method for the cyclic and compressor reduced capacity. The temperature and system reduced capacities are excluded. This European Standard applies to factory made units defined in EN 14511-1.

Keel en

Asendatud EVS-EN 14825:2012

EVS-EN ISO 8373:1999

Identne EN ISO 8373:1996 + AC:1996

ja identne ISO 8373:1994

Manipuleerivad tööstusrobotid. Sõnastik

Käesolev rahvusvaheline standard määratleb tootmiskeskonnas kasutatavate manipuleerivate tööstusrobotitega seotud terminid.

Keel en

Asendatud prEN ISO 8373

KAVANDITE ARVAMUSKÜSITLUS

prEN 12597

Identne prEN 12597:2012

Tähtaeg 29.06.2012

Bituumen ja bituumensideained. Terminoloogia

This European Standard defines terms for paving grade or industrial bitumen of various types and binders derived from bitumen. This standard is intended to cover materials only within the scope of CEN/TC 336, i.e. only bitumens and bituminous binders. It should consequently not extend to non-petroleum "hydrocarbon" binders such as coal tar and its derivatives or to natural asphalts. However, some definitions are given for some excluded materials and related terms. The corresponding terms were introduced only when they appeared in a definition of a product or process and when their definition was found necessary for understanding or for avoiding any ambiguity.

Keel en

Asendab EVS-EN 12597:2007

prEN 14076

Identne prEN 14076 rev:2012

Tähtaeg 29.06.2012

Puitrepid. Terminoloogia

This European Standard defines general terms relating to timber stairs or to timber in prefabricated stairs, including wood-based materials for dwellings and buildings other than dwellings for permanent use

Keel en

Asendab EVS-EN 14076:2004

prEN 50173-6

Identne prEN 50173-6:2012

Tähtaeg 29.06.2012

Information technology - Generic cabling systems - Part 6: Distributed building services

This European Standard specifies generic cabling that supports a wide range of communication services within premises that comprise single or multiple buildings on a campus, many of which require the use of remote powered devices including telecommunications, energy management, environmental control, personnel management, personal information and alarms. The distribution of these services is provided to locations (e.g. for wireless access points, remote powered devices and building management systems) other than those specified in premises-specific standards in EN 50173 series by means of either: a) an overlay structure and configuration to that specified within EN 50173 series or b) a stand-alone structure and configuration. It covers balanced cabling and optical fibre cabling. This European Standard is based upon and references the requirements of EN 50173-1, and in addition specifies implementation options. Safety (electrical safety and protection, optical power, fire, etc.) and electromagnetic compatibility (EMC) requirements are outside the scope of this European Standard and are covered by other standards and regulations. However, information given in this European Standard may be of assistance in meeting these standards and regulations.

Keel en

prEN ISO 9235

Identne prEN ISO 9235:2012

ja identne ISO/DIS 9235:2012

Tähtaeg 29.06.2012

Aromatic natural raw materials - Vocabulary (ISO/DIS 9235:2012)

This International Standard specifies the terms and definitions, in English and French, relating to aromatic natural raw materials.

Keel en

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

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 16332:2012

Hind 10,19

Identne CEN/TR 16332:2012

Non-destructive testing - Interpretation of EN ISO/IEC 17024 for NDT personnel certification application

This European Standard is a CEN Technical Report (CEN/TR) on the application of EN ISO/IEC 17024 specifically for the implementation of EN 473. The guidance provided is in sequence with the criteria of EN ISO/IEC 17024:2003, and makes direct reference to EN 473 where no guidance is considered necessary because EN 473 provides the necessary detail. It is important to note that the guidance provided herein is specifically for certification bodies implementing EN 473, and not for employers implementing EN 4179:2009 which includes, in Clause 2, a normative reference to EN ISO/IEC 17024:2003.

Keel en

EVS-EN ISO 13485:2012

Hind 22,15

Identne EN ISO 13485:2012

ja identne ISO 13485:2003

Meditsiiniseadmed. Kvaliteedijuhtimissüsteem. Normatiivsed nõuded

See rahvusvaheline standard täpsustab kvaliteedijuhtimissüsteemi nõudeid, kus organisatsioon peab näitama oma suutlikkust pakkuda meditsiiniseadmeid ja seotud teenuseid, mis vastavad järjekindlalt kliendi nõuetele ja normatiivsetele nõuetele, mida rakendatakse meditsiiniseadmetele ja seotud teenustele.

Selle rahvusvahelise standardi esmane eesmärk on lihtsustada meditsiiniseadmete kvaliteedijuhtimissüsteemide ühtlustatud normatiivseid nõudeid. Selle tulemusena sisaldab see mõnda konkreetset meditsiiniseadmete kohta käivat normatiivset nõuet ja jätab välja mõned normatiivseteks nõueteks mittesobivad standardi ISO 9001:2000 nõuded. Nende väljajätmiste tõttu ei saa organisatsioonid, kelle kvaliteedijuhtimissüsteem on vastavuses selle rahvusvahelise standardiga, taotleda vastavust standardile ISO 9001:2000, kuni nende kvaliteedijuhtimissüsteem on vastavuses kõigi standardi ISO 9001:2000 nõuetega (vt lisa B).

Keel et

Asendab EVS-EN ISO 13485:2004; EVS-EN ISO 13485:2004/AC:2009

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN ISO 13485:2004

Identne EN ISO 13485:2003+AC:2009

ja identne ISO 13485:2003

Meditsiiniseadmed. Kvaliteedijuhtimissüsteem. Normatiivsed nõuded

Standard täpsustab kvaliteedijuhtimissüsteemi nõudeid, kus organisatsioon peab näitama oma suutlikkust pakkuda meditsiiniseadmeid ja seotud teenuseid, mis vastavad järjekindlalt kliendi nõuetele, ja reguleerivad sätteid, mida rakendatakse meditsiiniseadmetele ja seotud teenustele.

Keel et

Asendab EVS-EN 46003:2000; EVS-EN ISO 13485:2002; EVS-EN ISO 13488:2002

Asendatud EVS-EN ISO 13485:2012

EVS-EN ISO 13485:2004/AC:2009

Identne EN ISO 13485:2003/AC:2009

ja identne ISO 13485:2003/Cor 1:2009

Meditsiiniseadmed. Kvaliteedijuhtimissüsteem. Normatiivsed nõuded

Keel et

Asendab EVS-EN ISO 13485:2004/AC:2007

KAVANDITE ARVAMUSKÜSITLUS

EN 15528:2008/FprA1

Identne EN 15528:2008/FprA1:2012

Tähtaeg 29.06.2012

Raudteealased rakendused. Liinikategooriad veeremi ja infrastruktuuri piirkormuste vahelise ühilduvuse määramiseks

Käesolevas Euroopa standardis on kirjeldatud olemasolevate raudteeliinide ja raudteeveeremi liigitusmeetodeid. Standardis on kindlaks määratud tehnilised nõuded veeremi ja infrastruktuuri omaduste ühilduvuse tagamiseks. Standard sobib ühilduvuse tagamiseks kaubaveo-, reisijateveo- ja segaveoliinidel ning sisaldab nõudeid seoses: - raudtee infrastruktuuri vertikaalkandevõime liigitamisega; - raudteeveeremi konstruktsiooniga; - kaubavagunite suurima lubatud kasuliku koormuse kindlakstegemisega. Infrastruktuuri ja veeremi liigitamise kokkuvõtte on antud lisas B. Rööbastee teerajatiste, pealisehitiste ja muldkehade vertikaalkandevõime hindamine lisas A kindlaksmääratud koormusmudelite kasutamise võimaldab liigitada infrastruktuuri liinikategooriatesse. Käesolevas Euroopa standardis on kirjeldatud veeremi ja raudteeliinide infrastruktuuri ühilduvuse kindlakstegemist tavaliste talitusolude korral vertikaalkoormusmõjudega seotud täiendavate kontrollimisteta. Standardis kirjeldatud meetodika ei ole kasutatav kiirraudteeliinide suhtes. Standardi käsitusallas ei kuulu ka kallutava kerega veerem ning rööbasmasinad ja rööbaskraanad. Standardis ei ole käsitletud Suurbritannias kasutatavat kõikide liinide ja raudteeveeremi liigitamiseks kasutatavat RA-süsteemi (Route Availability System). RA-süsteemile vastava liigituse ja käesolevale standardile vastavate liinikategooriate vastavus on antud lisas C. Standardis ei ole käsitletud rongi suurima kogumassiga ega rongi suurima pikkusega seotud nõudeid. Standardis sätestatud nõuded ei asenda suurimaid lubatud ratta/rööpa dünaamilisi kontaktjõude, veeremi sõiduomadusi, veeremi konstruktsiooniga seotud piiranguid jms käsitlevaid eeskirju.

Keel en

07 MATEMAATIKA. LOODUSTEADUSED

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN ISO 11930:2012

Hind 12,51

Identne EN ISO 11930:2012

ja identne ISO 11930:2012

Cosmetics - Microbiology - Evaluation of the antimicrobial protection of a cosmetic product (ISO 11930:2012)

This International Standard comprises: - a preservation efficacy test; - a procedure for evaluating the overall antimicrobial protection of a cosmetic product which is not considered low risk, based on a risk assessment described in ISO 29621. This International Standard provides a procedure for the interpretation of data generated by the preservation efficacy test or by the microbiological risk assessment, or both.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

EN 50536:2011/FprAA

Identne EN 50536:2011/FprAA:2012

Tähtaeg 29.06.2012

Protection against lightning - Thunderstorm warning systems

This European Standard provides the basic requirements of sensors and networks collecting accurate data of the relevant parameters informing in real-time about lightning tracking and range. It describes the application of the data collected by these sensors and networks in the form of warnings and historical data. This European Standard applies to the use of information from thunderstorm warning systems (which are systems or equipment which provide real-time information) on atmospheric electrical activity in order to monitor for preventive means. The scope of this document is providing: - a general description of the available lightning and storm electrification hazard warning systems; - a classification of thunderstorm detection devices and properties; - guidelines for alarming methods; - a procedure to determine the thunderstorm information usefulness; - some examples of possible preventive actions (only for information).

Keel en

11 TERVISEHOOLDUS

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 1865-4:2012

Hind 6,47

Identne EN 1865-4:2012

Kiirabiautodes kasutatavad patsiendi transpordi abivahendid. Osa 4: Kokkupandav patsiendi transporditool

This European Standard defines the minimum requirements for the design and performance of foldable patient transfer chairs, which are used for the conveyance of patients to and/or from road ambulances. It aims to ensure patient safety and to minimize the physical effort required by staff operating the equipment.

Keel en

Asendab EVS-EN 1865:2000

EVS-EN 60601-1:2006+A11:2011/AC:2012

Hind 0

Elektrilised meditsiiniseadmed. Osa 1: Üldised nõuded esmasele ohutusele ja olulistele toimimisnäitajatele

Parandus standardi EVS-EN 60601-1:2006+A11:2011 eestikeelsele väljaandele

Keel et

EVS-EN 60731:2012

Hind 22,15

Identne EN 60731:2012

ja identne IEC 60731:2011

Medical electrical equipment - Dosimeters with ionization chambers as used in radiotherapy

This International Standard specifies the performance requirements of RADIOTHERAPY DOSIMETERS, intended for the measurement of ABSORBED DOSE TO WATER or AIR KERMA (and their rates and spatial distributions) in PHOTON, ELECTRON, proton or heavy ion RADIATION FIELDS as used in RADIOTHERAPY. The DOSE MONITORING SYSTEMS incorporated in RADIOTHERAPY treatment machines are not covered by this standard, neither are the re-entrant IONIZATION CHAMBERS used for BRACHYTHERAPY source calibration and constancy check devices. This standard is applicable to the following types of dosimeter: a) FIELD-CLASS DOSIMETERS normally used for 1) the measurement of KERMA or dose in a RADIATION BEAM, either in air or in a PHANTOM; 2) in vivo skin surface or intracavitary measurements of dose on PATIENTS. b) REFERENCE-CLASS DOSIMETERS normally used for the calibration of FIELD-CLASS DOSIMETERS; NOTE REFERENCE-CLASS DOSIMETERS may be used as FIELD-CLASS DOSIMETERS. c) SCANNING-CLASS DOSIMETERS normally used for relative dose distribution measurements with a SCANNING SYSTEM such as an automatic water PHANTOM.

Keel en

Asendab EVS-EN 60731:2002; EVS-EN 60731:2002/A1:2003

EVS-EN 61217:2012

Hind 19,05

Identne EN 61217:2012

ja identne IEC 61217:2011

Röntgeneraapia aparatuur. Koordinaadid, mehhanismid ja astmikud

This International Standard applies to equipment and data related to the process of TELERADIOTHERAPY, including PATIENT image data used in relation with RADIOTHERAPY TREATMENT PLANNING SYSTEMS, RADIOTHERAPY SIMULATORS, isocentric GAMMA BEAM THERAPY EQUIPMENT, isocentric medical ELECTRON ACCELERATORS, and non-isocentric equipment when relevant. The object of this standard is to define a consistent set of coordinate systems for use throughout the process of TELERADIOTHERAPY, to define the marking of scales (where provided), to define the movements of ME EQUIPMENT used in this process, and to facilitate computer control when used.

Keel en

Asendab EVS-EN 61217:2010; EVS-EN 61217:2010/A1:2010; EVS-EN 61217:2010/A2:2010

EVS-EN ISO 11137-2:2012

Hind 20,74

Identne EN ISO 11137-2:2012

ja identne ISO 11137-2:2012

Tervishoiutoodete steriliseerimine. Kiirgus. Osa 2: Steriliseerimisdoosi määramine (ISO 11137-2:2012)

This part of ISO 11137 specifies methods for determining the minimum dose needed to achieve a specified requirement for sterility and methods to substantiate the use of 25 kGy or 15 kGy as the sterilization dose to achieve a sterility assurance level, SAL, of 10⁻⁶. This part of ISO 11137 also specifies methods of sterilization dose audit used to demonstrate the continued effectiveness of the sterilization dose. This part of ISO 11137 defines product families for sterilization dose establishment and sterilization dose audit.

Keel en

Asendab EVS-EN ISO 11137-2:2007/AC:2009; EVS-EN ISO 11137-2:2007

EVS-EN ISO 11608-1:2012

Hind 16,1

Identne EN ISO 11608-1:2012

ja identne ISO 11608-1:2012

Needle-based injection systems for medical use - Requirements and test methods - Part 1: Needle-based injection systems (ISO 11608-1:2012)

This part of ISO 11608 specifies requirements and test methods for needle-based injection systems (NISs) intended to be used with needles and with replaceable or non-replaceable containers. Containers covered in this part of ISO 11608 include single- and multi-dose syringe-based and cartridge-based systems, filled either by the manufacturer or by the end-user. Additional guidance for NISs equipped with electronic or electromechanical components and NISs equipped with automated functions is given in ISO 11608-4 and ISO 11608-5 respectively. Needle-free injectors, and requirements relating to methods or equipment associated with end-user filling of containers, are outside the scope of this part of ISO 11608.

Keel en

Asendab EVS-EN ISO 11608-1:2001

EVS-EN ISO 11608-2:2012

Hind 11,67

Identne EN ISO 11608-2:2012

ja identne ISO 11608-2:2012

Needle-based injection systems for medical use - Requirements and test methods - Part 2: Needles (ISO 11608-2:2012)

This part of ISO 11608 specifies requirements and test methods for single-use, double-ended, sterile needles for needle-based injection systems (NISs) that fulfil the specifications of ISO 11608-1. It is not applicable to: - needles for dental use; - pre-filled syringe needles; - needles pre-assembled by the manufacturer; - needles not requiring assembly or attachment to the NIS.

Keel en

Asendab EVS-EN ISO 11608-2:2001

EVS-EN ISO 12870:2012

Hind 14,69

Identne EN ISO 12870:2012

ja identne ISO 12870:2012

Oftalmiline optika. Prilliraamid. Nõuded ja katsemeetodid (ISO 12870:2012)

This International Standard specifies fundamental requirements for unglazed spectacle frames designed for use with all prescription lenses. It is applicable to frames at the point of sale by the manufacturer or supplier to the retailer. This International Standard is applicable to all spectacle frame types, including rimless mounts, semi-rimless mounts and folding spectacle frames. It is also applicable to spectacle frames made from natural organic materials. NOTE See Annex A for recommendations on the design of spectacle frames. This International Standard is not applicable to complete custom-made spectacle frames or to products designed specifically to provide personal eye protection.

Keel en

Asendab EVS-EN ISO 12870:2009

EVS-EN ISO 13485:2012

Hind 22,15

Identne EN ISO 13485:2012

ja identne ISO 13485:2003

Meditsiiniseadmed. Kvaliteedijuhtimissüsteem. Normatiivsed nõuded

See rahvusvaheline standard täpsustab kvaliteedijuhtimissüsteemi nõudeid, kus organisatsioon peab näitama oma suutlikkust pakkuda meditsiiniseadmeid ja seotud teenuseid, mis vastavad järjekindlalt kliendi nõuetele ja normatiivsetele nõuetele, mida rakendatakse meditsiiniseadmetele ja seotud teenustele.

Selle rahvusvahelise standardi esmane eesmärk on lihtsustada meditsiiniseadmete kvaliteedijuhtimissüsteemide ühtlustatud normatiivseid nõudeid. Selle tulemusena sisaldab see mõnda konkreetset meditsiiniseadmete kohta käivat normatiivset nõuet ja jätab välja mõned normatiivseteks nõueteks mittesobivad standardi ISO 9001:2000 nõuded. Nende väljajätmiste tõttu ei saa organisatsioonid, kelle kvaliteedijuhtimissüsteem on vastavuses selle rahvusvahelise standardiga, taotleda vastavust standardile ISO 9001:2000, kuni nende kvaliteedijuhtimissüsteem on vastavuses kõigi standardi ISO 9001:2000 nõuetega (vt lisa B).

Keel et

Asendab EVS-EN ISO 13485:2004; EVS-EN ISO 13485:2004/AC:2009

EVS-EN ISO 19980:2012

Hind 12,51

Identne EN ISO 19980:2012

ja identne ISO 19980:2012

Ophthalmic instruments - Corneal topographers (ISO 19980:2012)

This International Standard specifies minimum requirements for instruments and systems that fall into the class of corneal topographers (CTs). It also specifies tests and procedures to verify that a system or instrument complies with this International Standard and thus qualifies as a CT according to this International Standard. It also specifies tests and procedures that allow the verification of capabilities of systems that are beyond the minimum requirements for CTs. This International Standard defines terms that are specific to the characterization of the corneal shape so that they may be standardized throughout the field of vision care. This International Standard is applicable to instruments, systems and methods that are intended to measure the surface shape of the cornea of the human eye. NOTE The measurements can be of the curvature of the surface in local areas, three-dimensional topographical measurements of the surface or other more global parameters used to characterize the surface. It is not applicable to ophthalmic instruments classified as ophthalmometers.

Keel en

Asendab EVS-EN ISO 19980:2005

EVS-EN ISO 21672-1:2012

Hind 8,72

Identne EN ISO 21672-1:2012

ja identne ISO 21672-1:2012

Dentistry - Periodontal probes - Part 1: General requirements (ISO 21672-1:2012)

This part of ISO 21672 specifies general requirements and test methods for periodontal probes. It is applicable to periodontal probes made of austenitic and martensitic stainless steel. It is not applicable to periodontal probes with working ends made completely of plastics, nor to HAUER probes and periodontal probes with a defined probing force.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 60731:2002**

Identne EN 60731:1997

ja identne IEC 60731:1997

Medical electrical equipment - Dosimeters with ionization chambers as used in radiotherapy

This international Standard specifies the performance requirements for radiotherapy dosimeters, as defined in 3.1, intended for the measurement of absorbed dose to water or air kerma (and their rates) in photon or electron radiation fields as used in radiotherapy.

Keel en

Asendatud EVS-EN 60731:2012

EVS-EN 60731:2002/A1:2003

Identne EN 60731:1997/A1:2002
ja identne IEC 60731:1997/A1:2002

Medical electrical equipment - Dosimeters with ionization chambers as used in radiotherapy

This international Standard specifies the performance requirements or radiotherapy dosimeters, as defined in 3.1, intended for the measurement of absorbed dose to water or air kerma (and their rates) in photon or electron radiation fields as used in radiotherapy.

Keel en

Asendatud EVS-EN 60731:2012

EVS-EN 61217:2010

Identne EN 61217:1996
ja identne IEC 61217:1996

Röntgenteraapia aparatuur. Koordinaadid, mehhanismid ja astmikud

This International Standard applies to equipment and data related to the process of tele-radiotherapy, including patient image data used in relation with radiotherapy treatment planning systems, radiotherapy simulators, isocentric gamma beam therapy equipment, isocentric medical electron accelerators, and non-isocentric equipment when relevant.

Keel en

Asendatud EVS-EN 61217:2012

EVS-EN 61217:2010/A2:2010

Identne EN 61217:1996/A2:2008
ja identne IEC 61217:1996/A2:2007

Röntgenteraapia aparatuur. Koordinaadid, mehhanismid ja astmikud

This International Standard applies to equipment and data related to the process of tele-radiotherapy, including patient image data used in relation with radiotherapy treatment planning systems, radiotherapy simulators, isocentric gamma beam therapy equipment, isocentric medical electron accelerators, and non-isocentric equipment when relevant.

Keel en

Asendatud EVS-EN 61217:2012

EVS-EN 61217:2010/A1:2010

Identne EN 61217:1996/A1:2001
ja identne IEC 61217:1996/A1:2000

Röntgenteraapia aparatuur. Koordinaadid, mehhanismid ja astmikud

This International Standard applies to equipment and data related to the process of tele-radiotherapy, including patient image data used in relation with radiotherapy treatment planning systems, radiotherapy simulators, isocentric gamma beam therapy equipment, isocentric medical electron accelerators, and non-isocentric equipment when relevant.

Keel en

Asendatud EVS-EN 61217:2012

EVS-EN ISO 11137-2:2007

Identne EN ISO 11137-2:2007
ja identne ISO 11137-2:2006, corrected version 2006-08-01

Tervishoiutoodete steriliseerimine. Kiirgus. Osa 2: Steriliseerimisdoosi määramine

This part of ISO 11137 specifies methods of determining the minimum dose needed to achieve a specified requirement for sterility and methods to substantiate the use of 25 kGy or 15 kGy as the sterilization dose to achieve a sterility assurance level, SAL, of 10⁻⁶. This part of ISO 11137 also specifies methods of dose auditing in order to demonstrate the continued effectiveness of the sterilization dose.

Keel en

Asendab EVS-EN ISO 11137-2:2006

Asendatud EVS-EN ISO 11137-2:2012

EVS-EN ISO 11137-2:2007/AC:2009

Identne EN ISO 11137-2:2007/AC:2009
ja identne ISO 11137-2:2006/Cor.1:2009

Tervishoiutoodete steriliseerimine. Kiirgus. Osa 2: Steriliseerimisdoosi määramine

Keel en

Asendatud EVS-EN ISO 11137-2:2012

EVS-EN ISO 11608-2:2001

Identne EN ISO 11608-2:2000
ja identne ISO 11608-2:2000

Pen-injectors for medical use - Part 2: Needles - Requirements and test methods

This International Standard specifies requirements and test methods for single use, double ended, sterile needles for pen-injectors which fulfil the specifications of ISO 11608-1.

Keel en

Asendatud EVS-EN ISO 11608-2:2012

EVS-EN ISO 11608-1:2001

Identne EN ISO 11608-1:2000
ja identne ISO 11608-1:2000

Pen-injectors for medical use - Part 1: Pen-injectors - Requirements and test methods

This International Standard specifies requirements and test methods for pen-injectors intended to be used with needles and with replaceable or non-replaceable prefilled cartridges. Pen-injectors which are not electrically driven, but are equipped with electronic components.

Keel en

Asendatud EVS-EN ISO 11608-1:2012

EVS-EN ISO 12870:2009

Identne EN ISO 12870:2009
ja identne ISO 12870:2004

Oftalmiline optika. Prilliraamid. Nõuded ja katsemeetodid

Käesolev rahvusvaheline standard esitab põhinõuded klaasimata prilliraamidele, mis on ette nähtud kasutamiseks koos kõigi väljakirjutatud klaasidega, k.a. toonitud ja toonimata klaasid, ning kehtib jaemüügikohtade kaupmeestele.

Keel en

Asendab EVS-EN ISO 12870:2004

Asendatud EVS-EN ISO 12870:2012

EVS-EN ISO 13485:2004

Identne EN ISO 13485:2003+AC:2009
ja identne ISO 13485:2003

**Meditsiiniseadmed. Kvaliteedijuhtimissüsteem.
Normatiivsed nõuded**

Standard täpsustab kvaliteedijuhtimissüsteemi nõudeid, kus organisatsioon peab näitama oma suutlikkust pakkuda meditsiiniseadmeid ja seotud teenuseid, mis vastavad järjekindlalt kliendi nõuetele, ja reguleerivaid sätteid, mida rakendatakse meditsiiniseadmetele ja seotud teenustele.

Keel et

Asendab EVS-EN 46003:2000; EVS-EN ISO 13485:2002; EVS-EN ISO 13488:2002

Asendatud EVS-EN ISO 13485:2012

EVS-EN ISO 13485:2004/AC:2009

Identne EN ISO 13485:2003/AC:2009
ja identne ISO 13485:2003/Cor 1:2009

**Meditsiiniseadmed. Kvaliteedijuhtimissüsteem.
Normatiivsed nõuded**

Keel et

Asendab EVS-EN ISO 13485:2004/AC:2007

EVS-EN ISO 19980:2005

Identne EN ISO 19980:2005
ja identne ISO 19980:2005

Ophthalmic instruments - Corneal topographers

This International Standard is applicable to instruments, systems and methods that are intended to measure the surface shape of the cornea of the human eye.

Keel en

Asendatud EVS-EN ISO 19980:2012

KAVANDITE ARVAMUSKÜSITLUS**EN ISO 8359:2009/FprA1**

Identne EN ISO 8359:2009/FprA1:2012
ja identne ISO 8359:1996/FDAM 1:2012
Tähtaeg 29.06.2012

Oxygen concentrators for medical use - Safety requirements - Amendment 1 (ISO 8359:1996/FDAM 1:2012)

This International Standard specifies safety requirements for continuous-flow oxygen concentrators, as defined in 1.3.8 (in this International Standard). This International Standard does not apply to oxygen concentrators intended to supply gas to several patients via a piped medical gas installation or to those intended for use in the presence of flammable anaesthetic and/or cleaning agents.

Keel en

EN ISO 13408-6:2011/prA1

Identne EN ISO 13408-6:2011/prA1:2012
ja identne ISO 13408-6:2005/DAM 1:2012
Tähtaeg 29.06.2012

**Tervishoiutoodete aseptiline töötlemine. Osa 6:
Isolaatorsüsteemid (ISO 13408-6:2005/DAM 1:2012)**

This part of ISO 13408 specifies the requirements for isolator systems used for aseptic processing and offers guidance on qualification, bio-decontamination, validation, operation and control of isolator systems used for aseptic processing of health care products. This part of ISO 13408 is focused on the use of isolator systems to maintain aseptic conditions; this may include applications for hazardous materials. This part of ISO 13408 does not supersede or replace national regulatory requirements, such as Good Manufacturing Practices (GMPs) and/or compendial requirements that pertain in particular to national or regional jurisdictions.

Keel en

FprEN 60601-1-2

Identne FprEN 60601-1-2:2012
ja identne IEC 60601-1-2:201X
Tähtaeg 29.06.2012

**Elektrilised meditsiiniseadmed. Osa 1-2: Üldnõuded
esmasese ohutusele ja olulistele toimimisnäitajatele.
Kollateraalsandard: Elektromagnetiline ühilduvus.
Nõuded ja katsetused**

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. Specifically, this collateral standard applies to BASIC SAFETY and ESSENTIAL PERFORMANCE with regard to ELECTROMAGNETIC DISTURBANCES of ME EQUIPMENT and ME SYSTEMS. Applicability of this collateral standard includes ME EQUIPMENT and ME SYSTEMS that have been found to have no ESSENTIAL PERFORMANCE. BASIC SAFETY with regard to ELECTROMAGNETIC DISTURBANCES shall be evaluated for all ME EQUIPMENT and ME SYSTEMS.

Keel en

Asendab EVS-EN 60601-1-2:2007; EVS-EN 60601-1-2:2007/AC:2010

FprEN ISO 11073-10421

Identne FprEN ISO 11073-10421:2012
ja identne ISO/FDIS 11073-10421:2012
Tähtaeg 29.06.2012

Health informatics - Personal health device communication - Part 10421: Device specialization - Peak expiratory flow monitor (peak flow) (ISO/FDIS 11073-10421:2012)

The scope of this standard is to establish a normative definition of communication between personal telehealth peak flow monitoring devices (agents) and managers (e.g., cell phones, personal computers, personal health appliances, and set top boxes) in a manner that enables plug-and-play interoperability. It leverages work done in other ISO/IEEE 11073 standards including existing terminology, information profiles, application profile standards, and transport standards. It specifies the use of specific term codes, formats, and behaviors in telehealth environments restricting optionality in base frameworks in favor of interoperability. This standard defines a common core of functionality of a peak-flow monitoring device. The use case is restricted to personal respiratory monitoring and therefore does not include hospital-based spirometry. Continuous and high-acuity monitoring (e.g., for emergency response) are outside the scope of the use case.

Keel en

prEN ISO 5356-1

Identne prEN ISO 5356-1:2012
ja identne ISO/DIS 5356-1:2012
Tähtaeg 29.06.2012

Anesteesia- ja hingamisaparatuur. Koonilised konnektorid. Osa 1: Koonused ja pesad (ISO/DIS 5356-1:2012)

This part of ISO 5356 specifies dimensional and gauging requirements for cones and sockets intended for connecting anaesthetic and respiratory equipment, e.g. in breathing systems, anaesthetic-gas scavenging systems and vaporizers. This part of ISO 5356 gives requirements for the following conical connectors: - 8,5 mm size intended for use in paediatric breathing systems; - 15 mm and 22 mm sizes intended for general use in breathing systems; - 22 mm latching connectors (including performance requirements); - 23 mm size intended for use with vaporizers, but not for use in breathing systems; - 30 mm size intended for the connection of a breathing system to an anaesthetic gas scavenging system. This part of ISO 5356 does not specify the medical devices and accessories on which these connections are to be provided. Requirements for the application of conical connectors are not included in this part of ISO 5356, but are or will be given in the relevant International Standards for specific medical devices and accessories.

Keel en

Asendab EVS-EN ISO 5356-1:2004

prEN ISO 16498

Identne ISO/DIS 16498:2012
ja identne prEN ISO 16498:2012
Tähtaeg 29.06.2012

Dentistry - Minimal dental implant data set for clinical use (ISO/DIS 16498:2012)

This International Standard specifies the minimal data set to be recorded for a patient receiving dental implant treatment. This will comprise the locations and types of dental implant bodies, connecting components and adjunctive devices, including grafting materials, placed in a patient's jaw(s). The final prosthesis is excluded. This information will be recorded by the responsible clinician in the patient's file and should be made available to the patient by the clinician(s) who provided the care.

Keel en

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 1317-6:2012

Hind 17,08
Identne CEN/TR 1317-6:2012

Road restraint systems - Part 6: Pedestrian restraint system - Pedestrian parapets

This Technical Report specifies geometrical and technical requirements for the design and manufacture for pedestrian parapets on road bridges, on footbridges, on top of retaining walls and on similar elevated structures. This Technical Report also specifies test methods and provision for the labelling and marking of these products. This Technical Report does not cover: - vehicle restraint systems; - pedestrian restraint systems in residential, commercial or industrial buildings and within their perimeter; - non-rigid rails i.e. rope, cables. This Technical Report may be used for pedestrian parapets on structures which cross over railways, rivers and canals.

Keel en

CEN/TS 1317-8:2012

Hind 16,1
Identne CEN/TS 1317-8:2012

Road restraint systems - Part 8: Motorcycle road restraint systems which reduce the impact severity of motorcyclist collisions with safety barriers

This Technical Specification specifies requirements for the impact performance of systems designed for the reduction of impact severity for PTW riders impacting safety barriers whilst sliding along the ground, having fallen from their PTW vehicle. The protection systems concerned are those fitted to barriers or barriers that have an inherent PTW rider protection or risk reduction capability. This Technical Specification excludes the assessment of the vehicle restraint capabilities of barriers and the risk that they represent to the occupants of impacting cars. The assessment of performance of impacting vehicles is covered by EN 1317-1 and EN 1317-2. This Technical Specification defines performance classes taking into account rider speed classes, impact severity and the working width of the system with respect to rider impacts. For systems designed to be added to a standard barrier, the test results are valid only when the system is fitted to the model of barrier used in the tests since the performance will not necessarily be the same if the system is fitted to a different barrier.

Keel en

CLC/TS 50131-2-8:2012

Hind 16,1

Identne CLC/TS 50131-2-8:2012

Alarm systems - Intrusion and hold-up systems - Part 2-8: Intrusion detectors - Shock detectors

This Technical Specification is for shock detectors installed in buildings to detect the shock or series of shocks due to a forcible attack through a physical barrier (for example doors or windows). It provides for security Grades 1-4 (see EN 50131-1), specific or non specific wired or wire-free detectors and uses Environmental Classes i-iv (see EN 50130-5). This Technical Specification does not include requirements for detectors intended to protect for example vaults and safes from penetration attacks from e.g. drilling, cutting or thermal lance. This Technical Specification does not include requirements for shock detectors intended for use outdoors. A detector shall fulfil all the requirements of the specified grade. Functions additional to the mandatory functions specified in this Technical Specification may be included in the detector, providing they do not adversely influence the correct operation of the mandatory functions. This Technical Specification does not apply to system interconnections.

Keel en

EVS-EN 54-1:2011/AC:2012

Hind 0

Automaatne tulekahjusignalisatsioonisüsteem. Osa 1: Sissejuhatus

Parandus standardi EVS-EN 54-1:2011 eestikeelsele väljaandele.

Keel et

EVS-EN 482:2012

Hind 10,9

Identne EN 482:2012

Töökeskonna õhu kvaliteet. Üldnõuded keemiliste toimeainete mõõteprotseduuride teostamiseks

This European Standard specifies general performance requirements for procedures for the determination of the concentration of chemical agents in workplace atmospheres as required by the Chemical Agents Directive 98/24/EC (see reference [7]). These requirements apply to all measuring procedures, irrespective of the physical form of the chemical agent (gas, vapour, airborne particles), the sampling method and the analytical method used. This European Standard is applicable to - all steps of a measuring procedure, - measuring procedures with separate sampling and analysis steps, and - direct-reading devices.

Keel en

Asendab EVS-EN 482:2006

EVS-EN 671-1:2012

Hind 16,1

Identne EN 671-1:2012

Paiksed tulekustutussüsteemid. Voolikusüsteemid. Osa 1: Pooljäiga voolikuga voolikupoolid

This European Standard specifies requirements and methods of test for the construction and performance of fire hose reel systems with semi-rigid hose for installation in buildings, permanently connected to a water supply, for use by the occupants. It also provides requirements on evaluation of conformity and marking of these products. Its requirements may apply in general for other applications, for example in marine applications or in aggressive environments, but additional requirements can be necessary in such cases. This European Standard is applicable to both manual and automatic fire hose reels for installation with and without cabinets.

Keel en

Asendab EVS-EN 671-1:2002

EVS-EN 671-2:2012

Hind 15,4

Identne EN 671-2:2012

Paiksed tulekustutussüsteemid. Voolikusüsteemid. Osa 2: Lamevoolikuga voolikusüsteemid

This European Standard specifies requirements and methods of test for the construction and performance of fire hose reel systems with lay-flat hose for installation in buildings, permanently connected to a water supply, for use by the occupants. Furthermore, it provides also for requirements on evaluation of conformity and marking of these products. Its requirements may apply in general for other applications, for example in marine applications or in aggressive environments, but additional requirements may be necessary in such cases.

Keel en

Asendab EVS-EN 671-2:2002

EVS-EN 1317-5:2007+A2:2012

Hind 16,1

Identne EN 1317-5:2007+A2:2012

Teepiiridesüsteemid. Osa 5: Sõidukiiridesüsteemide toodetele esitatavad nõuded ja vastavushindamine KONSOLIDEERITUD TEKST

Käesolev Euroopa standard sätestab nõuded järgmiste sõidukiiridesüsteemide vastavuse hindamiseks: a) pörkepiirded; b) pörkeleevendid; c) terminalid (jõustub pärast ENV 1317-4 vastuvõtmist EN standardina); d) üleminekud (jõustub pärast ENV 1317-4 vastuvõtmist EN standardina); e) sõiduki-/jalakäijapiirded (üksnes sõidukiiridesüsteemide funktsioone täitvad). Käesolev dokument ei käsitle nõudeid jalakäijate rinnatistele. Käesolev dokument sisaldab nõudeid ilmastikukindluse hindamiseks. Käesolev dokument ei sisalda muid vastupidavusnõudeid (nt merekeskkonnas, liivast põhjustatud hõõrdumine). Ajutised piirded ei kuulu käesoleva dokumendi käsitlusalasasse.

Keel en

Asendab EVS-EN 1317-5:2007+A1:2008

EVS-EN 50379-1:2012

Hind 15,4

Identne EN 50379-1:2012

Specification for portable electrical apparatus designed to measure combustion flue gas parameters of heating appliances - Part 1: General requirements and test methods

This European Standard covers apparatus for measuring gas concentrations and other combustion parameters, as used in the installation and maintenance of heating appliances. Such apparatus may be used for testing the performance of appliances for different types of fuels, either by the installer, maintenance engineer or inspector. The apparatus may consist of different functional modules, which may be tested separately for complying with this standard and will be combined in different ways according to the different applications.

This part of EN 50379 specifies the general requirements and is supplemented by the requirements in EN 50379-2 and/or EN 50379-3. This European Standard specifies general requirements for the construction, testing and performance of portable spot reading apparatus designed to give an assessment of specific combustion flue gas parameters, such as concentration of gaseous compounds, temperature and/or pressure, to check the combustion performance of heating appliances for domestic residential and commercial applications, using commercially available fuels. This European Standard excludes apparatus for - continuous emission, safety monitoring and control, and - use in vessels with an international load line.

Keel en

Asendab EVS-EN 50379-1:2004

EVS-EN 50379-2:2012

Hind 8,01

Identne EN 50379-2:2012

Specification for portable electrical apparatus designed to measure combustion flue gas parameters of heating appliances - Part 2: Performance requirements for apparatus used in statutory inspections and assessment

This European Standard covers apparatus designed to measure flue gas parameters of heating appliances for domestic residential and commercial applications using commercially available fuels in compliance with metrological specification. The apparatus may consist of different functional modules that may be tested separately for complying with this standard and will be combined in different ways according to the different applications. Part 1 of EN 50379 specifies the general requirements and is supplemented by the requirements in EN 50379-2 and/or EN 50379-3. This European Standard specifies the performance requirements of portable spot reading apparatus designed to give a measurement of specific combustion flue gas parameters such as concentration of gaseous compounds, temperature and/or pressure to be used for testing the compliance with national regulations for the above mentioned appliances. This European Standard excludes apparatus for - continuous emission, safety monitoring and control, and - use in vessels with an international load line.

Keel en

Asendab EVS-EN 50379-2:2004

EVS-EN 50379-3:2012

Hind 8,01

Identne EN 50379-3:2012

Specification for portable electrical apparatus designed to measure combustion flue gas parameters of heating appliances - Part 3: Performance requirements for apparatus used in non-statutory servicing of gas fired heating appliances

This European Standard covers apparatus designed for checking the performance of heating appliances by measuring flue gas parameters of gas fired heating appliances for domestic residential and commercial applications. The apparatus may consist of different functional modules which may be tested separately for complying with this standard, and will be combined in different ways according to the different applications.

Part 1 of EN 50379 specifies the general requirements and is supplemented by the requirements in EN 50379-2 and/or EN 50379-3. This European Standard specifies the performance requirements of portable spot reading apparatus designed to detect specific combustion flue gas parameters, such as concentration of gaseous compounds, temperature and/or pressure, to be used to decide if maintenance for the appliance is required and for adjusting the appliance during maintenance. This European Standard excludes apparatus for - checking appliances using fuels other than gas, - continuous emission, safety monitoring and control, and - use in vessels with an international load line.

Keel en

Asendab EVS-EN 50379-3:2004

EVS-EN 60335-2-14:2006/A11:2012

Hind 7,38

Identne EN 60335-2-14:2006/A11:2012

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

This European Standard deals with the safety of electric kitchen machines for household and similar purposes, their rated voltage being not more than 250 V. NOTE Z101 Examples of appliances that are within the scope of this standard are - bean slicers; - berry-juice extractors; - blenders; - can openers; - centrifugal juicers; - churns; - citrus-fruit squeezers; - coffee mills not exceeding 500 g hopper capacity; - cream whippers; - egg beaters; - food mixers; - food processors; - grain grinders not exceeding 3 l hopper capacity; - graters; - ice-cream machines, including those for use in refrigerators and freezers; - knife sharpeners; - knives; - mincers; - noodle makers; - potato peelers; - shredders; - sieving machines; - slicing machines. 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

EVS-EN 60335-2-15:2003/A11:2012

Hind 6,47

Identne EN 60335-2-15:2002/A11:2012

**Majapidamis- ja muud taolised elektriseadmed.
Ohutus. Osa 2-15: Erinõuded vedelike kuumutamise
seadmetele**

This European 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. NOTE Z101 Some appliances may be used for heating food. NOTE Z102 Examples of appliances that are within the scope of this standard are: - coffee-makers; - cooking pans; - egg boilers; - feeding-bottle heaters; - kettles and other appliances for boiling water, having a rated capacity not exceeding 10 l; - milk heaters; - pressure cookers having a rated cooking pressure not exceeding 140 kPa and a rated capacity not exceeding 10 l; - rice cookers; - slow cookers; - steam cookers; - wash boilers; - yoghurt makers. 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

Asendatud FprEN 60335-2-15

EVS-EN 60335-2-25:2012

Hind 14,69

Identne EN 60335-2-25:2012

ja identne IEC 60335-2-25:2010

**Majapidamis- ja muud taolised elektriseadmed.
Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele**

This European Standard deals with the safety of microwave ovens for household and similar use, their rated voltage being not more than 250 V. This European Standard also deals with combination microwave ovens, for which Annex AA is applicable. This standard also deals with microwave ovens intended to be used on board ships, for which Annex BB is applicable. As far as is practicable, this European Standard deals with the common hazards presented by appliances that are encountered by all persons in household and similar environments. However, in general, it does not take into account: - children playing with the appliance; - the use of the appliance by very young children; - the use of the appliance by young children without supervision. It is recognized that very vulnerable people may have needs beyond the level addressed in this European Standard.

Keel en

Asendab EVS-EN 60335-2-25:2003/A2:2006; EVS-EN 60335-2-25:2003/A11:2010; EVS-EN 60335-2-25:2003; EVS-EN 60335-2-25:2003/A1:2005

EVS-EN 60335-2-30:2010/A11:2012

Hind 5,62

Identne EN 60335-2-30:2009/A11:2012

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

This European 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 Z101 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, EN 60335-2-80 is applicable as far as is reasonable. 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

EVS-EN 61217:2012

Hind 19,05

Identne EN 61217:2012

ja identne IEC 61217:2011

**Röntgenteraapia aparatuur. Koordinaadid,
mehhanismid ja astmikud**

This International Standard applies to equipment and data related to the process of TELERADIOTHERAPY, including PATIENT image data used in relation with RADIOTHERAPY TREATMENT PLANNING SYSTEMS, RADIOTHERAPY SIMULATORS, isocentric GAMMA BEAM THERAPY EQUIPMENT, isocentric medical ELECTRON ACCELERATORS, and non-isocentric equipment when relevant. The object of this standard is to define a consistent set of coordinate systems for use throughout the process of TELERADIOTHERAPY, to define the marking of scales (where provided), to define the movements of ME EQUIPMENT used in this process, and to facilitate computer control when used.

Keel en

Asendab EVS-EN 61217:2010; EVS-EN 61217:2010/A1:2010; EVS-EN 61217:2010/A2:2010

EVS-EN ISO 28802:2012

Hind 12,51

Identne EN ISO 28802:2012

ja identne ISO 28802:2012

Ergonomics of the physical environment - Assessment of environments by means of an environmental survey involving physical measurements of the environment and subjective responses of people (ISO 28802:2012)

This International Standard provides an environmental survey method for the assessment of the comfort and well-being of occupants of indoor and outdoor environments. It is not restricted to any particular environment, but provides the general principles that allow assessment and evaluation. It presents the principles for conducting an environmental survey to assess the comfort and well-being of people in environments. It gives guidance on the design of the survey, as well as on the environmental measurements used to quantify the environment and the subjective assessment methods used to quantify the occupants' responses to that environment. It does not provide guidance on the design of subjective scales. It is applicable to built as well as other environments, including vehicle and outdoor environments, and to all the occupants of those environments who can be considered as providing valid responses to an environmental survey. There may be specific features of certain types of environment that have to be taken into account; however, the general principles it outlines will apply. This International Standard is not restricted to specific environmental components. It includes assessment of thermal environments, the acoustic environment, the visual and lit environment, air quality and other environmental factors that could be considered to influence the comfort and well-being of the occupants of an environment. It is a basic ergonomics standard which can contribute to the development of standards concerned with specific environments such as those found in buildings. It is intended to be used by people involved in the general assessment and evaluation of physical environments, including general ergonomics practitioners as well as those who develop standards and guidelines for specific applications.

Keel en

EVS-EN ISO 28803:2012

Hind 11,67

Identne EN ISO 28803:2012

ja identne ISO 28803:2012

Ergonomics of the physical environment - Application of international standards to people with special requirements (ISO 28803:2012)

This International Standard describes how International Standards concerned with the ergonomics of the physical environment can be applied for people with special requirements, who would otherwise be considered to be beyond the scope of those standards. It has been produced according to the principles of accessible design provided in ISO/IEC Guide 71 and using the data provided in ISO/TR 22411. It is not restricted to any specific environment but provides the general principles that allow assessment and evaluation, and can contribute to the development of standards concerned with specific environments. It is applicable to built environments as well as to other indoor, vehicle and outdoor environments. Nor is it restricted to specific environmental components; it includes assessment of acoustic environments, thermal environments, lighting, air quality and other environmental factors that could be considered to influence the health, comfort and performance of people with special requirements in an environment. It is applicable to all occupants of such environments who can be considered to have special requirements.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 482:2006**

Identne EN 482:2006

Töökeskonna õhu kvaliteet. Üldnõuded keemiliste toimeainete mõõteprotseduuride teostamiseks

Standard määrab kindlaks töökoha õhus levivate keemiliste toimeainete kontsentratsiooni mõõtmisprotseduuride üldnõuded.

Keel en

Asendab EVS-EN 482:1999

Asendatud EVS-EN 482:2012

EVS-EN 671-2:2002

Identne EN 671-2:2001

Paiksed tulekustutussüsteemid. Voolikusüsteemid. Osa 2: Lamevoolikuga voolikusüsteemid

This standard specifies requirements and methods of tests for construction and performance of fire hose systems with lay-flat hose for installation in buildings and other construction works, permanently connected to a water supply, for use by the occupants.

Keel en

Asendab EVS-EN 671-2:1998

Asendatud EVS-EN 671-2:2012

EVS-EN 671-1:2002

Identne EN 671-1:2001 + AC:2002

Paiksed tulekustutussüsteemid. Voolikusüsteemid. Osa 1: Pooljäiga voolikuga voolikupoolid

This standard specifies requirements and methods of test for construction and performance of fire hose reel systems with semi-rigid hose for installation in buildings and other construction works, permanently connected to a water supply, for use by the occupants.

Keel en

Asendab EVS-EN 671-1:1998

Asendatud EVS-EN 671-1:2012

EVS-EN 671-2:2002/A1:2004

Identne EN 671-2:2001/A1:2004

Paiksed tulekustutusüsteemid. Voolikusüsteemid.**Osa 2: Lamevoolikuga voolikusüsteemid**

This standard specifies requirements and methods of tests for construction and performance of fire hose systems with lay-flat hose for installation in buildings and other construction works, permanently connected to a water supply, for use by the occupant

Keel en

Asendatud EVS-EN 671-2:2012

EVS-EN 1317-5:2007+A1:2008

Identne EN 1317-5:2007+A1:2008

Teepiirdesüsteemid. Osa 5: Sõidukiirdesüsteemide toodetele esitatavad nõuded ja vastavushindamine KONSOLIDEERITUD TEKST

Käesolev Euroopa standard sätestab nõuded järgmiste sõidukiirdesüsteemide vastavuse hindamiseks:

- a) pörkepiirded;
- b) pörkeleevendid;
- c) terminalid (jõustub pärast ENV 1317-4 vastuvõtmist EN standardina);
- d) üleminekud (jõustub pärast ENV 1317-4 vastuvõtmist EN standardina);
- e) sõiduki-/jalakäijapiirded (üksnes sõidukiirdesüsteemide funktsioone täitvad).

Käesolev dokument ei käsitle nõudeid jalakäijate rinnatistele.

Käesolev dokument sisaldab nõudeid ilmastikukindluse hindamiseks.

Käesolev dokument ei sisalda muid vastupidavusnõudeid (nt merekeskkonnas, liivast põhjustatud hõõrdumine).

Ajutised piirded ei kuulu käesoleva dokumendi käsituslasse.

Keel et

Asendab EVS-EN 1317-5:2007

Asendatud EVS-EN 1317-5:2007+A2:2012

EVS-EN 50379-2:2004

Identne EN 50379-2:2004

Specification for portable electrical apparatus designed to measure combustion flue gas parameters of heating appliances Part 2: Performance requirements for apparatus used in statutory inspections and assessment

This European Standard covers apparatus designed to measure flue gas parameters of heating appliances for domestic residential and commercial applications using commercially available fuels in compliance with metrological specification.

Keel en

Asendatud EVS-EN 50379-2:2012

EVS-EN 50379-3:2004

Identne EN 50379-3:2004

Specification for portable electrical apparatus designed to measure combustion flue gas parameters of heating appliances - Part 3: Performance requirements for apparatus used in non-statutory servicing of gas fired heating appliances

This European Standard covers apparatus designed for checking the performance of heating appliances by measuring flue gas parameters of gas fired heating appliances for domestic residential and commercial applications. The apparatus may consist of different functional modules which may be tested separately for complying with this standard, and will be combined in different ways according to the different applications. The apparatus shall comply with the general requirements as specified in EN 50379-1 and the performance requirements of EN 50379-3.

Keel en

Asendatud EVS-EN 50379-3:2012

EVS-EN 60335-2-25:2003/A2:2006

Identne EN 60335-2-25:2002/A2:2006

ja identne IEC 60335-2-25:2002/A2:2006

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele**

Deals with the safety of microwave ovens for household use. The rated voltage is less than 250 V. It also deals with combination microwave ovens. For commercial microwave ovens, see IEC 60335-2-90

Keel en

Asendatud EVS-EN 60335-2-25:2012

EVS-EN 60335-2-25:2003/A11:2010

Identne EN 60335-2-25:2002/A11:2010

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele**

Deals with the safety of microwave ovens for household use. The rated voltage is less than 250 V. It also deals with combination microwave ovens. For commercial microwave ovens, see IEC 60335-2-90

Keel en

Asendatud EVS-EN 60335-2-25:2012

EVS-EN 60335-2-25:2003/A1:2005

Identne EN 60335-2-25:2002/A1:2005

ja identne IEC 60335-2-25:2002/A1:2005

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele**

Deals with the safety of microwave ovens for household use. The rated voltage is less than 250 V. It also deals with combination microwave ovens. For commercial microwave ovens, see IEC 60335-2-90

Keel en

Asendatud EVS-EN 60335-2-25:2012

EVS-EN 61217:2010/A2:2010

Identne EN 61217:1996/A2:2008
ja identne IEC 61217:1996/A2:2007

Röntgenteraapia aparatuur. Koordinaadid, mehhanismid ja astmikud

This International Standard applies to equipment and data related to the process of tele-radiotherapy, including patient image data used in relation with radiotherapy treatment planning systems, radiotherapy simulators, isocentric gamma beam therapy equipment, isocentric medical electron accelerators, and non-isocentric equipment when relevant.

Keel en

Asendatud EVS-EN 61217:2012

EVS-EN 61217:2010

Identne EN 61217:1996
ja identne IEC 61217:1996

Röntgenteraapia aparatuur. Koordinaadid, mehhanismid ja astmikud

This International Standard applies to equipment and data related to the process of tele-radiotherapy, including patient image data used in relation with radiotherapy treatment planning systems, radiotherapy simulators, isocentric gamma beam therapy equipment, isocentric medical electron accelerators, and non-isocentric equipment when relevant.

Keel en

Asendatud EVS-EN 61217:2012

EVS-EN 61217:2010/A1:2010

Identne EN 61217:1996/A1:2001
ja identne IEC 61217:1996/A1:2000

Röntgenteraapia aparatuur. Koordinaadid, mehhanismid ja astmikud

This International Standard applies to equipment and data related to the process of tele-radiotherapy, including patient image data used in relation with radiotherapy treatment planning systems, radiotherapy simulators, isocentric gamma beam therapy equipment, isocentric medical electron accelerators, and non-isocentric equipment when relevant.

Keel en

Asendatud EVS-EN 61217:2012

KAVANDITE ARVAMUSKÜSITLUS**EN 60704-1:2010/FprAA**

Identne EN 60704-1:2010/FprAA
Tähtaeg 29.06.2012

Koduses ja sellega sarnanevas kasutuses elektriseadmed. Katse eeskiri õhu kaudu leviva müra määramiseks. Osa 1: Üldnõuded

This part of IEC 60704 applies to electric appliances (including their accessories or components) for household and similar use, supplied from mains or from batteries. By similar use is understood the use in similar conditions as in households, for example in inns, coffee-houses, tea-rooms, hotels, barber or hairdresser shops, laundrettes, etc., if not otherwise specified in part 2. This standard does not apply to - appliances, equipment or machines designed exclusively for industrial or professional purposes; - appliances which are integrated parts of a building or its installations, such as equipment for air conditioning, heating and ventilating (except household fans, cooker hoods and free standing heating appliances), oil burners for central heating, pumps for water supply and for sewage systems; - separate motors or generators; - appliances for outdoor use.

Keel en

FprEN 1744-8

Identne FprEN 1744-8:2012
Tähtaeg 29.06.2012

Tests for chemical properties of aggregates - Part 8: Sorting test to determine metal content of Municipal Incinerator Bottom Ash (MIBA) Aggregates

This European Standard specifies a simple method for the examination of Municipal Incinerator Bottom Ash (MIBA) Aggregates for the purpose of estimating the relative proportions of metallic constituents. This European standard describes the reference methods use for type testing and in case of dispute for estimating the relative proportions of aluminium or other metallic constituents of MIBA 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

FprEN 60695-9-1

Identne FprEN 60695-9-1:2012
ja identne IEC 60695-9-1:201X
Tähtaeg 29.06.2012

Fire hazard testing - Part 9-1: Surface spread of flame - General guidance

This part of IEC 60695 provides guidance for the assessment of surface spread of flame for electrotechnical products and the materials from which they are formed. It provides: - an explanation of the principles of flame spread for both liquids and solids, - guidance for the selection of test methods, - guidance on the use and interpretation of test results, and - informative references. This basic safety publication is intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. One of the responsibilities of a technical committee is, wherever applicable, to make use of basic safety publications in the preparation of its publications. The requirements, test methods or test conditions of this basic safety publication will not apply unless specifically referred to or included in the relevant publications.

Keel en

Asendab EVS-EN 60695-9-1:2005

FprEN ISO 5923

Identne ISO/FDIS 5923:2012
Tähtaeg 29.06.2012

Equipment for fire protection and fire fighting - Fire extinguishing media - Carbon dioxide (ISO/FDIS 5923:2012)

This International Standard specifies requirements for carbon dioxide for use as a fire extinguishing medium.

Keel en

Asendab EVS-EN 25923:1999

HD 60364-5-51:2009/prAA

Identne HD 60364-5-51:2009/prAA:2012
Tähtaeg 29.06.2012

Ehitiste elektripaigaldised. Osa 5-51: Elektriseadmete valik ja paigaldamine. Üldjuhised

This part of HD 60364 deals with the selection of equipment and its erection. It provides common rules for compliance with measures of protection for safety, requirements for proper functioning for intended use of the installation, and requirements appropriate to the external influences foreseen.

Keel en

prEVS-ISO 16000-17

ja identne ISO 16000-17:2008
Tähtaeg 29.06.2012

Siseõhk. Osa 17: Hallituseente avastamine ja loendamine. Kasvatuspõhine meetod

See osa standardist ISO 16000 määratleb meetodid hallituseente detekteerimiseks ja loendamiseks ISO 16000-18 alusel impaktori abil võetud aspiratsiooniproovides või ISO 16000-16 põhjal filtreerimise teel saadud proovides. See kohaldub samuti hallituse kultiveerimisel materjalisuspensioonist või otse plaadipinnalt.

Keel et

prEN 12881-1

Identne prEN 12881-1:2012
Tähtaeg 29.06.2012

Konveierilindid. Süttivuskatsed tulesimulatsiooniga. Osa 1: Katsed propaanipõletiga

This part of EN 12881 describes three methods for measuring the propagation of a flame along a conveyor belt which has been exposed to a relatively high localised heat source such as a fire. The damage suffered by the conveyor belt, as well as its tendency to support combustion, is measured by observing the extent to which the fire spreads along the test piece. Method A uses a test piece 2 m in length and consumes propane gas through the burner at the rate of $(1,30 \pm 0,05)$ kg per 10 min. Method B uses a test piece 1,5 m in length and consumes propane gas through the burner at the rate of (565 ± 10) g per 50 min. Method C uses a test piece 1,2 m in length and consumes propane gas through the burner at the rate of 150 l per hour (D1) or 190 l per hour (D2).

Keel en

Asendab EVS-EN 12881-1:2005+A1:2008

prEN 13381-2

Identne prEN 13381-2 rev:2012
Tähtaeg 29.06.2012

Test methods for determining the contribution to the fire resistance of structural members - Part 2: Vertical protective membranes

This part of this European Standard specifies a test method for determining the ability of a vertical protective membrane, when used as a fire resistant barrier, to contribute to the fire resistance (loadbearing capacity R) of loadbearing vertical structural building members fabricated from steel, concrete, steel/concrete composites or timber. The method described is applicable to any type of vertical protective membrane, which can be associated with a separate bracing membrane. The vertical protective membrane can be separate from the structural building member and is self-supporting. This test method is applicable to vertical protective membranes where there is a separating gap of at least 5 mm size between the vertical protective membrane and the structural building member, otherwise alternative test methods prEN 13381-3, prEN 13381-4, FprEN 13381-6 or ENV 13381-7 shall be used as appropriate. This test method and assessment is not applicable to the following: a) all situations where the cavity is to be used as a service or ventilation shaft; b) all situations where the vertical protective membrane acts as a bracing membrane.

Keel en

prEN 15269-5

Identne prEN 15269-5:2012

Tähtaeg 29.06.2012

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 5: Fire resistance of hinged and pivoted metal framed glazed doorsets and openable windows

This Part of prEN 15269, which should be read in conjunction with prEN 15269-1, covers single and double leaf, hinged and pivoted metal framed, glazed doorsets or openable windows. This document prescribes the methodology for extending the application of test results obtained from test(s) conducted in accordance with EN 1634-1. Subject to the completion of the appropriate test or tests selected from those identified in Clause 4 the extended application may cover all or some of the following non-exhaustive list: - Integrity only (E), radiation (EW) or insulated (EI1 or EI2) classifications; - Doorsets and openable windows - Door / window leaf; - wall/ceiling fixed elements (frame/suspension system); - glazing and non-glazed panels in doorset and openable window - items of building hardware; - decorative finishes; - intumescent, smoke, draught or acoustic seals; - alternative supporting construction(s).

Keel en

prEN 16413

Identne prEN 16413:2012

Tähtaeg 29.06.2012

Air quality - Biomonitoring with lichens - Assessing epiphytic lichen diversity

This European Standard aims to provide a reliable, repeatable and objective method for assessing epiphytic lichen diversity. According to international literature on the topic (see e.g. Nimis et al., 2002 for an overall outline), it provides a framework for assessing the impact of anthropogenic intervention, particularly for estimating the effects of atmospheric pollution.

Keel en

prEN 16414

Identne prEN 16414:2012

Tähtaeg 29.06.2012

Air quality - Biomonitoring with mosses - Accumulation of atmospheric contaminants in mosses collected in situ: from the collection to the preparation of samples

This European Standard describes the sampling protocol and the preparation of samples of in situ mosses to monitor the bioaccumulation of atmospheric contaminants. This European Standard specifies the actions that should be taken from the field sampling of mosses to their final preparation before analysis for targeted contaminants. This European Standard is of interest to all operators wishing to conduct air quality biomonitoring studies.

Keel en

prEN ISO 15791-1

Identne prEN ISO 15791-1:2012

ja identne ISO/DIS 15791-1:2012

Tähtaeg 29.06.2012

Plastics - Development and use of intermediate-scale fire tests for plastics products - Part 1: General guidance (ISO/DIS 15791-1:2012)

This part of ISO 15791 provides a framework guide for the development and use of intermediate-scale fire tests for products made of or containing plastics. The guidance identifies typical applications of plastics products and possible fire scenarios that can arise involving products in these applications. The development and use of intermediate-scale tests is described to ensure their relevance to the end use of the product.

Keel en

Asendab EVS-EN ISO 15791-1:2004

prEN ISO 16387

Identne prEN ISO 16387:2012

ja identne ISO/DIS 16387:2012

Tähtaeg 29.06.2012

Soil quality - Effects of pollutants on Enchytraeidae (Enchytraeus sp.) - Determination of effects on reproduction (ISO/DIS 16387:2012)

This part of ISO 16387 specifies one of the methods for evaluating the habitat function of soils and determining effects of soil contaminants and chemicals on the reproduction of Enchytraeus sp. by dermal and alimentary uptake in a chronic test. It is applicable to soils and soil materials of unknown quality e.g. from contaminated sites, amended soils, soils after remediation, agricultural or other sites under concern and waste materials. Effects of substances are assessed using a standard soil, preferably a defined artificial soil substrate. For contaminated soils, the effects are determined in the test soil and in a control soil. According to the objective of the study, the control and dilution substrate (dilution series of contaminated soil) should be either an uncontaminated soil comparable to the soil sample to be tested (reference soil) or a standard soil (e.g. artificial soil). Information is provided how to use this method for testing chemicals under temperate conditions. The method is not applicable to volatile substances, i.e. substances for which H (Henry's constant) or the air/water partition coefficient is greater than 1, or for which the vapour pressure exceeds 0,013 3 Pa at 25 °C. NOTE No provision is made in the test method for monitoring the persistence of the substance under test. WARNING - Contaminated soils may contain unknown mixtures of toxic, mutagenic, or otherwise harmful chemicals or infectious micro-organisms. Occupational health risks may arise from dust or evaporated chemicals as well as via dermal contact during handling and incubation.

Keel en

prEN ISO 17249

Identne prEN ISO 17249 rev:2012

ja identne ISO/DIS 17249:2012

Tähtaeg 29.06.2012

Saeketilõigetele vastupidavad kaitsejalatsid (ISO/DIS 17249:2012)

This international standard specifies requirements for safety footwear with resistance to chain saw cutting.

Keel en

Asendab EVS-EN ISO 17249:2004; EVS-EN ISO 17249:2004/A1:2007

prEN ISO 28258

Identne prEN ISO 28258:2012
ja identne ISO/DIS 28258:2012
Tähtaeg 29.06.2012

Soil quality - Digital exchange of soil-related data (ISO/DIS 28258:2012)

This International Standard describes how to digitally exchange soil-related data. It aims to facilitate the exchange of valid, clearly described and specified soil-related data between individuals and organizations via digital systems and enables any soil data producer, holder or user to find and transfer data in an unambiguous way. This International Standard contains definitions of features, several parameter specifications and encoding rules that allow consistent and retrievable data exchange. It also allows to explicitly geo-reference soil data by building on existing ISO standards, thus facilitating the use of soil data within geographical information systems (GIS). Because soil data are of various origin and obtained according to a huge variety of description and classification systems, this International Standard provides no attribute catalogue, but a flexible approach to the unified encoding of soil data by implementing the rules of ISO 19156-2 observations and measurements (O & M) for the use in soil science. Figure 1 shows the fluxes of soil data, generic to many kinds of applications that can be organized by using the rules of this International standard.

Keel en

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TS 16165:2012

Hind 18
Identne CEN/TS 16165:2012

Determination of slip resistance of pedestrian surfaces - Methods of evaluation

This Technical Specification specifies test methods for the determination of the slip resistance of surfaces in the most commonly encountered situations in which pedestrians walk. This Technical Specification does not cover sports surfaces and road surfaces for vehicles (skid resistance).

Keel en

EVS-EN 13032-1:2004+A1:2012

Hind 19,05
Identne EN 13032-1:2004+A1:2012

Valgus ja valgustus. Lampide ja valgustite fotomeetriliste andmete mõõtmine ja esitamine. Osa 1: Mõõtmine ja failiformaat KONSOLIDEERITUD TEKST

This European Standard establishes general principles for the measurement of basic photometric data for lighting application purposes. It establishes the measurement criteria needed for the standardisation of basic photometric data and details of the CEN file format for electronic data transfer. This is part 1 of a multi part standard. Part 1 deals with the basic photometric measurement and file format. Other parts deal with lamps and luminares data depending on the applications.

Keel en

Asendab EVS-EN 13032-1:2004

EVS-EN 60118-15:2012

Hind 13,92
Identne EN 60118-15:2012
ja identne IEC 60118-15:2012

Electroacoustics - Hearing aids - Part 15: Methods for characterising signal processing in hearing aids with a speech-like signal

International Speech Test Signal (ISTS), together with the procedures and the requirements for measuring the characteristics of signal processing in air-conduction hearing aids. The measurements are used to derive the estimated insertion gain (EIG). For the purposes of characterizing a hearing aid for production, supply and delivery, the procedures and requirements to derive the coupler gain on a 2 cm³ coupler as defined in IEC 60318-5 are also specified. The procedure uses a speech-like test signal and the hearing aid settings are set to those programmed for an individual end-user or those recommended by the manufacturer for a typical end-user for a range of flat, moderately sloping or steep sloping audiograms, so that the measured characteristics are comparable to those which may be obtained by a wearer at typical user settings. The purpose of this standard is to ensure that the same measurements made on a hearing aid following the procedures described, and using equipment complying with these requirements, give substantially the same results. Measurements of the characteristics of signal processing in hearing aids which apply nonlinear processing techniques are valid only for the test signal used. Measurements which require a different test signal or test conditions are outside the scope of this standard. Conformance to the specifications in this standard is demonstrated only when the result of a measurement, extended by the actual expanded uncertainty of measurement of the testing laboratory, lies fully within the tolerances specified in this standard as given by the values given in 6.1. Measurement methods that take into account the acoustic coupling of a hearing aid to the individual ear and the acoustic influence of the individual anatomical variations of an end-user on the acoustical performance of the hearing aid, known as real-ear measurements, are outside the scope of this particular standard.

Keel en

EVS-EN 60544-5:2012

Hind 10,9
Identne EN 60544-5:2012
ja identne IEC 60544-5:2011

Electrical insulating materials - Determination of the effects of ionizing radiation - Part 5: Procedures for assessment of ageing in service

This part of IEC 60544 covers ageing assessment methods which can be applied to components based on polymeric materials (e.g. cable insulation and jackets, elastomeric seals, polymeric coatings, gaiters) which are used in environments where they are exposed to radiation. The object of this standard is aimed at providing methods for the assessment of ageing in service. The approaches discussed in the following clauses cover ageing assessment programmes based on condition monitoring (CM), the use of sample deposits in severe environments and sampling of real-time aged components.

Keel en

Asendab EVS-EN 60544-5:2003

EVS-EN 60865-1:2012

Hind 18

Identne EN 60865-1:2012

ja identne IEC 60865-1:2011

Short-circuit currents - Calculation of effects - Part 1: Definitions and calculation methods

This part of IEC 60865 is applicable to the mechanical and thermal effects of short-circuit currents. It contains procedures for the calculation of - the electromagnetic effect on rigid conductors and flexible conductors, - the thermal effect on bare conductors. For cables and insulated conductors, reference is made, for example, to IEC 60949 and IEC 60986. For the electromagnetic and thermal effects in d.c. auxiliary installations of power plants and substations reference is made to IEC 61660-2. Only a.c. systems are dealt with in this standard. The following points should, in particular, be noted: a) The calculation of short-circuit currents should be based on IEC 60909. For the determination of the greatest possible short-circuit current, additional information from other IEC standards may be referred to, e.g. details about the underlying circuitry of the calculation or details about current-limiting devices, if this leads to a reduction of the mechanical stress. b) Short-circuit duration used in this standard depends on the protection concept and should be considered in that sense. c) These standardized procedures are adjusted to practical requirements and contain simplifications which are conservative. Testing or more detailed methods of calculation or both may be used. d) In Clause 5 of this standard, for arrangements with rigid conductors, only the stresses caused by short-circuit currents are calculated. Furthermore, other stresses can exist, e.g. caused by dead-load, wind, ice, operating forces or earthquakes. The combination of these loads with the short-circuit loading should be part of an agreement and/or be given by standards, e.g. erection-codes. The tensile forces in arrangements with flexible conductors include the effects of deadload. With respect to the combination of other loads the considerations given above are valid. e) The calculated loads are design loads and should be used as exceptional loads without any additional partial safety factor according to installation codes of, for example, IEC 61936-1 [1]1.

Keel en

Asendab EVS-EN 60865-1:2003

EVS-EN 61340-4-4:2012

Hind 15,4

Identne EN 61340-4-4:2012

ja identne IEC 61340-4-4:2012

Electrostatics - Part 4-4: Standard test methods for specific applications - Electrostatic classification of flexible intermediate bulk containers (FIBC)

This part of IEC 61340 specifies requirements for flexible intermediate bulk containers (FIBC) between 0,25 m³ and 3 m³ in volume, intended for use in hazardous explosive atmospheres. The explosive atmosphere may be created by the contents in the FIBC or may exist outside the FIBC. The requirements include: - classification and labelling of FIBC; - classification of inner liners; - specification of test methods for each type of FIBC and inner liner; - design and performance requirements for FIBC and inner liners; - safe use of FIBC (including those with inner liners) within different zones defined for explosion endangered environments, described for areas where combustible dusts are, or may be, present (IEC 60079-10-2), and for explosive gas atmospheres (IEC 60079-10-1); - procedures for type qualification and certification of FIBC, including the safe use of inner liners.

Keel en

Asendab EVS-EN 61340-4-4:2005

EVS-EN 62059-32-1:2012

Hind 9,49

Identne EN 62059-32-1:2012

ja identne IEC 62059-32-1:2011

Electricity metering equipment - Dependability - Part 32-1: Durability - Testing of the stability of metrological characteristics by applying elevated temperature

The stability of metrological characteristics is one important aspect of durability. This part of IEC 62059 specifies a method for testing the stability of metrological characteristics of electricity meters, by operating a test specimen at the upper limit of the specified operating range of temperature, voltage and current for an extended period. Functional performance other than the accuracy of energy measurement is out of the scope of this standard. Note, that from the results of this test, no conclusion can be drawn for the length of period during which the stability of the metrological characteristics will be maintained when the meter is operated under usual conditions. This International Standard is applicable to all types of electricity meters in the scope of IEC TC 13.

Keel en

EVS-EN ISO 3745:2012

Hind 19,05

Identne EN ISO 3745:2012

ja identne ISO 3745:2012

Akustika. Heliallikate helivõimsustaseme ja helienergiataseme määrtmine helirõhu abil. Täppismeetodid kajavabades ja helipeegeldava pörandaga ruumides (ISO 3745:2012)

This International Standard specifies methods for measuring the sound pressure levels on a measurement surface enveloping a noise source (machinery or equipment) in an anechoic room or a hemi-anechoic room. The sound power level (or, in the case of impulsive or transient noise emission, the sound energy level) produced by the noise source, in frequency bands of width one-third octave or with frequency weighting A applied, is calculated using those measurements, including corrections to allow for any differences between the meteorological conditions at the time and place of the test and those corresponding to a reference characteristic acoustic impedance. In general, the frequency range of interest includes the one-third-octave bands with mid-band frequencies from 100 Hz to 10 000 Hz. In practice, the range is extended or restricted to frequencies beyond or within these limits, to those between which the test room is qualified for the purposes of the measurements.

Keel en

Asendab EVS-EN ISO 3745:2009

EVS-EN ISO 25178-2:2012

Hind 18

Identne EN ISO 25178-2:2012

ja identne ISO 25178-2:2012

Geometrical product specifications (GPS) - Surface texture: Areal - Part 2: Terms, definitions and surface texture parameters (ISO 25178-2:2012)

This part of ISO 25178 specifies terms, definitions and parameters for the determination of surface texture by areal methods.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 13032-1:2004**

Identne EN 13032-1:2004+AC:2005

Valgus ja valgustus. Lampide ja valgustite fotomeetriliste andmete määrtmine ja esitamine. Osa 1: Määrtmine ja failiformaat

Käesolev Euroopa standard kehtestab valgustusel kasutatavate peamiste fotomeetriliste andmete määrtmiste üldpõhimõtteid. Standard kehtestab määrtmiskriteeriumid peamiste fotomeetriliste andmete standardiseerimiseks ja detailse CENi failiformaadi andmete elektrooniliseks edastamiseks. Käesolev dokument on mitmeosalise standardi esimene osa. Esimeses osas käsitletakse põhilisi fotomeetrilisi määrtmisi ja failiformaati. Teistes osades käsitletakse lampide ja valgustite andmeid sõltuvalt nende rakendusala.

Keel et

Asendatud EVS-EN 13032-1:2004+A1:2012

EVS-EN 60544-5:2003

Identne EN 60544-5:2003

ja identne IEC 60544-5:2003

Electrical insulating materials - Determination of the effects of ionizing radiation - Part 5: Procedures for assessment of ageing in service

Covers ageing assessment methods which can be applied to components based on polymeric materials (for example, cable insulation and jackets, elastomeric seals, polymeric coatings, gaskets) which are used in environments where they are exposed to radiation. The object of this part of IEC 60544 is to provide guidelines on the assessment of ageing in service. The approaches discussed cover ageing assessment programmes based on condition monitoring (CM), the use of equipment deposits in severe environments and sampling of real-time aged components

Keel en

Asendatud EVS-EN 60544-5:2012

EVS-EN 60731:2002

Identne EN 60731:1997

ja identne IEC 60731:1997

Medical electrical equipment - Dosimeters with ionization chambers as used in radiotherapy

This international Standard specifies the performance requirements of radiotherapy dosimeters, as defined in 3.1, intended for the measurement of absorbed dose to water or air kerma (and their rates) in photon or electron radiation fields as used in radiotherapy.

Keel en

Asendatud EVS-EN 60731:2012

EVS-EN 60731:2002/A1:2003

Identne EN 60731:1997/A1:2002

ja identne IEC 60731:1997/A1:2002

Medical electrical equipment - Dosimeters with ionization chambers as used in radiotherapy

This international Standard specifies the performance requirements of radiotherapy dosimeters, as defined in 3.1, intended for the measurement of absorbed dose to water or air kerma (and their rates) in photon or electron radiation fields as used in radiotherapy.

Keel en

Asendatud EVS-EN 60731:2012

EVS-EN 60865-1:2003

Identne EN 60865-1:1993

ja identne IEC 60865-1:1993

Short-circuit currents - Calculation of effects - Part 1: Definitions and calculation methods

Contains standardized procedures for the calculation of the effects of short-circuit currents in two sections as follows: - the electromagnetic effect on rigid conductors and flexible conductors; the thermal effect on bare conductors. Only a.c. systems for rated voltages up to and including 420 kV are dealt with.

Keel en

Asendatud EVS-EN 60865-1:2012

EVS-EN 61340-4-4:2005

Identne EN 61340-4-4:2005

ja identne IEC 61340-4-4:2005

Electrostatics Part 4-4: Standard test methods for specific applications – Electrostatic classification of flexible intermediate bulk containers (FIBC)

Describes procedures for evaluating the ignition risk presented by electrostatic discharges from FIBC to flammable or explosive environments. The requirements of this standard are applicable to all types of FIBC, tested as manufactured, prior to usage, intended for use without liners in flammable or explosive environments with minimum ignition energy of more than 0,14 mJ, and where the charging currents do not exceed 3,0 A. NOTE 0,14 mJ is the minimum ignition energy normally quoted for methanol.

Keel en

Asendatud EVS-EN 61340-4-4:2012

EVS-EN ISO 3745:2009

Identne EN ISO 3745:2009

ja identne ISO 3745:2004

Akustika. Müraalikate helivõimsuse taseme määramine helirõhu abil. Täppismeetodid kajaga ja ühepoolse kajaga ruumide hindamiseks

This International Standard specifies methods for measuring the sound pressure levels on a measurement surface enveloping a noise source in anechoic and hemi-anechoic rooms, in order to determine the sound power level or sound energy level produced by the noise source. It gives requirements for the test environment and instrumentation, as well as techniques for obtaining the surface sound pressure level from which the sound power level or sound energy level is calculated, leading to results which have a grade 1 accuracy. The methods specified in this International Standard are suitable for measurements of all types of noise. The noise source can be a device, machine, component or sub-assembly. The maximum size of the source under test depends on the radius of the hypothetical sphere (or hemisphere) used as the enveloping measurement surface.

Keel en

Asendab EVS-EN ISO 3745:2004

Asendatud EVS-EN ISO 3745:2012

KAVANDITE ARVAMUSKÜSITLUS

FprEN 60216-1

Identne FprEN 60216-1:2012

ja identne IEC 60216-1:201X

Tähtaeg 29.06.2012

Electrical insulating materials - Thermal endurance properties - Part 1: Ageing procedures and evaluation of test results

This part of IEC 60216 specifies the general ageing conditions and procedures to be used for deriving thermal endurance characteristics and gives guidance in using the detailed instructions and guidelines in the other parts of the standard. Although originally developed for use with electrical insulating materials and simple combinations of such materials, the procedures are considered to be of more general applicability and are widely used in the assessment of materials not intended for use as electrical insulation. In the application of this standard, it is assumed that a practically linear relationship exists between the logarithm of the time required to cause the predetermined property change and the reciprocal of the corresponding absolute temperature (Arrhenius relationship). For the valid application of the standard, no transition, in particular no first-order transition should occur in the temperature range under study. Throughout the rest of this standard the term "insulating materials" is always taken to mean "insulating materials and simple combinations of such materials".

Keel en

Asendab EVS-EN 60216-1:2003

FprEN 61869-4

Identne FprEN 61869-4:2012

ja identne IEC 61869-4:201X

Tähtaeg 29.06.2012

Instrument transformers - Part 4: Combined transformers

This part of IEC 61869 applies to new combined transformers for use with electrical 186 measuring instruments and electrical protective devices at frequencies from 15 Hz to 100 Hz. 187 The requirements and tests of this standard, in addition to the requirements and tests of 188 IEC 61869-1, IEC 61869-2, IEC 61869-3 and IEC 61869-5 cover current, inductive voltage 189 and capacitor voltage transformers, that are necessary for combined instrument transformers.

Keel en

Asendab EVS-EN 60044-3:2003

prEN 16421

Identne prEN 16421:2012

Tähtaeg 29.06.2012

Influence of materials on water for human consumption - Enhancement of microbial growth (EMG)

This European Standard specifies procedures for determining the ability of non-metallic materials to promote the growth of microorganisms. This standard is applicable to those materials destined to be used under various conditions for the transport and storage of water intended for human consumption. The Standard allows for the testing of a single type of material, or a product in which only one material is in contact with water. It is unsuitable for use with assembled products where more than one material is exposed to water.

Keel en

prEN ISO 16610-71

Identne prEN ISO 16610-71:2012
ja identne ISO/DIS 16610-71:2012
Tähtaeg 29.06.2012

Geometrical product specifications (GPS) - Filtration - Part 71: Robust areal filters: Gaussian regression filters (ISO/DIS 16610-71:2012)

This part of ISO/TS 16610 specifies the characteristics of the robust areal Gaussian regression filter for the evaluation of surfaces that may contain spike discontinuities as well as deep valleys and high peaks. It specifies in particular how to separate large scale lateral components and short scale lateral components of a surface.

Keel en

prEN ISO 16610-85

Identne prEN ISO 16610-85:2012
ja identne ISO/DIS 16610-85:2012
Tähtaeg 29.06.2012

Geometrical product specifications (GPS) - Filtration - Part 85: Areal morphological: Segmentation (ISO/DIS 16610-85:2012)

This part of ISO 16610 develops the terminology and concepts for areal morphological segmentation. In particular it describes the watershed segmentation method and the Wolf pruning method.

Keel en

19 KATSETAMINE

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 16332:2012

Hind 10,19
Identne CEN/TR 16332:2012

Non-destructive testing - Interpretation of EN ISO/IEC 17024 for NDT personnel certification application

This European Standard is a CEN Technical Report (CEN/TR) on the application of EN ISO/IEC 17024 specifically for the implementation of EN 473. The guidance provided is in sequence with the criteria of EN ISO/IEC 17024:2003, and makes direct reference to EN 473 where no guidance is considered necessary because EN 473 provides the necessary detail. It is important to note that the guidance provided herein is specifically for certification bodies implementing EN 473, and not for employers implementing EN 4179:2009 which includes, in Clause 2, a normative reference to EN ISO/IEC 17024:2003.

Keel en

EVS-EN 62059-32-1:2012

Hind 9,49
Identne EN 62059-32-1:2012
ja identne IEC 62059-32-1:2011

Electricity metering equipment - Dependability - Part 32-1: Durability - Testing of the stability of metrological characteristics by applying elevated temperature

The stability of metrological characteristics is one important aspect of durability. This part of IEC 62059 specifies a method for testing the stability of metrological characteristics of electricity meters, by operating a test specimen at the upper limit of the specified operating range of temperature, voltage and current for an extended period. Functional performance other than the accuracy of energy measurement is out of the scope of this standard. Note, that from the results of this test, no conclusion can be drawn for the length of period during which the stability of the metrological characteristics will be maintained when the meter is operated under usual conditions. This International Standard is applicable to all types of electricity meters in the scope of IEC TC 13.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 13146-6:2002

Identne EN 13146-6:2002
Railway applications - Track - Test methods for fastening systems - Part 6: Effect of severe environmental conditions

This European Standard specifies a laboratory test procedure for finding the effect of exposure to severe environmental conditions on the fastening system. This test procedure applies to a complete fastening assembly.

Keel en

Asendatud EVS-EN 13146-6:2012

KAVANDITE ARVAMUSKÜSITLUS

prEN ISO 3452-2

Identne prEN ISO 3452-2 rev:2012
ja identne ISO/DIS 3452-2:2012
Tähtaeg 29.06.2012

Non-destructive testing - Penetrant testing - Part 2: Testing of penetrant materials (ISO/DIS 3452-2:2012)

This part of ISO 3452 specifies the technical requirements and test procedures for penetrant materials for their type testing and batch testing. This Part of the standard covers the temperature range 10 °C to 50 °C. Additional tests in Part 5 or Part 6 of ISO 3452 may be required outside this range. On-site control tests and methods are detailed in ISO 3452-1.

Keel en

Asendab EVS-EN ISO 3452-2:2006

prEN ISO 3452-3

Identne prEN ISO 3452-3:2012
ja identne ISO/DIS 3452-3:2012
Tähtaeg 29.06.2012

Mittepurustav katsetamine. Defektoskoopilised katsed. Osa 3: Etalonblokid (ISO/DIS 3452-3:2012)

This International Standard describes two types of reference blocks: - Type 1 reference blocks are used to determine the sensitivity levels of both fluorescent and colour contrast penetrant product families; - Type 2 reference blocks are used for routine assessment of the performance of both fluorescent and colour contrast penetrant facilities and part-used containers. The reference blocks are to be used in accordance with part 1 of this International standard.

Keel en

Asendab EVS-EN ISO 3452-3:1999

prEN ISO 14577-2

Identne prEN ISO 14577-2 rev:2012
ja identne ISO/DIS 14577-2:2012
Tähtaeg 29.06.2012

Metallic materials - Instrumented indentation test for hardness and materials parameters - Part 2: Verification and calibration of testing machines (ISO/DIS 14577-2:2012)

This part of ISO 14577 specifies the method of verification and calibration of testing machines for carrying out the instrumented indentation test in accordance with ISO/DIS 14577-1:2012. It describes a direct verification method for checking the main functions of the testing machine and an indirect verification method suitable for the determination of the repeatability of the testing machine. The indirect method shall be used in addition to the direct method and for the periodic routine checking of the testing machine in service. The indirect method of verification of the testing machine shall be carried out independently for each test method. This part of ISO 14577 is also applicable for transportable testing machines.

Keel en

Asendab EVS-EN ISO 14577-2:2003

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN ISO 898-2:2012

Hind 12,51
Identne EN ISO 898-2:2012
ja identne ISO 898-2:2012

Mechanical properties of fasteners made of carbon steel and alloy steel - Part 2: Nuts with specified property classes - Coarse thread and fine pitch thread (ISO 898-2:2012)

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

Keel en

Asendab EVS-EN 20898-2:1999; EVS-EN ISO 898-6:1999

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 20898-2:1999

Identne EN 20898-2:1993
ja identne ISO 898-2:1992

Kinnitusdetailide mehaanilised omadused. Osa 2: Etteantud proovikoormusnäitajatega mutrid. Jämekeere

See rahvusvaheline standard määrab kindlaks etteantud proovikoormusnäitajatega mutrite mehaanilised omadused katsetatuna toatemperatuuril (vt ISO 1). Omadused võivad erineda kõrgemal ja madalamal temperatuuril.

Keel en

Asendatud EVS-EN ISO 898-2:2012

EVS-EN ISO 898-6:1999

Identne EN ISO 898-6:1995
ja identne ISO 898-6:1994

Kinnitusdetailide mehaanilised omadused. Osa 6: Etteantud proovikoormusnäitajatega mutrid. Peenkeere

ISO 898 see osa määrab kindlaks etteantud proovikoormusnäitajatega mutrite mehaanilised omadused katsetatuna õhutemperatuuril +10...+35 °C.

Keel en

Asendatud EVS-EN ISO 898-2:2012

KAVANDITE ARVAMUSKÜSITLUS

EN ISO 10642:2004/FprA1

Identne EN ISO 10642:2004/FprA1:2012
ja identne ISO 10642:2004/FDAM 1:2012
Tähtaeg 29.06.2012

Kuuskantsüvendiga peitpeakruvid (ISO 10642:2004/FDAM 1:2012)

See rahvusvaheline standard määrab kindlaks selliste kuuskantsüvendiga peitpeakruvide parameetrid, mille keerme suurus on M3 - M20 (kaasa arvatud), mis on tooteklassist A ja materjaliklassist 8.8, 10.9 ja 12.9.

Keel en

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 126:2012

Hind 12,51
Identne EN 126:2012

Gaasitarvitite multiregulaatorid

This European Standard specifies the safety, construction and performance requirements for multifunctional controls intended for use with gas burners, gas appliances and similar use, hereafter referred to as "MFC". This European Standard is applicable to MFC with declared maximum inlet pressures up to and including 50 kPa (500 mbar) of nominal connection sizes up to and including DN 150 for use with one or more fuel gases in accordance with EN 437. MFC consist of two or more functions, at least one of which is a mechanical control, as specified in the relevant control standards (see Figure 1). MFC consisting only of electronics are not covered by EN 126 (an example is a combination of functions according to EN 298 and EN 1643).

Keel en

Asendab EVS-EN 126:2004

EVS-EN 1440:2008+A1:2012

Hind 16,1

Identne EN 1440:2008+A1:2012

Vedelgaasi seadmed ja lisavarustus. Vedelgaasi korduvtäidetavate transporditavate balloonide perioodiline tehniline ülevaatus KONSOLIDEERITUD TEKST

This European Standard specifies procedures for periodic inspection and testing, for transportable refillable LPG cylinders with a water capacity from 0,5 l up to and including 150 l. This "European Standard" is applicable to the following: - welded and brazed steel LPG cylinders with a specified minimum wall thickness (see EN 1442 and EN 12807 or the equivalent standard); - welded steel LPG cylinders "manufactured to an alternative design and construction" (see EN 14140:2003+A1 or the equivalent standard); !NOTE This European Standard also applies to protected cylinders, see 5.3 and Annex G. - welded aluminium LPG cylinders (see EN 13110 or the equivalent standard); - composite LPG cylinders (see EN 14427 or the equivalent standard). This "European Standard" is intended to be applied to cylinders complying with RID/ADR (including pi marked cylinders) and also to existing non RID/ADR cylinder populations. This "European Standard" does not apply to cylinders permanently installed in vehicles.

Keel en

Asendab EVS-EN 1440:2008

EVS-EN 12266-1:2012

Hind 10,19

Identne EN 12266-1:2012

Tööstuslikud sulgeseadmed. Metallist sulgeseadmete katsetamine. Osa 1: Surveproovid, katseprotseduurid ja vastuvõtukriteeriumid. Kohustuslikud nõuded

This European Standard specifies requirements for tests, test procedures and acceptance criteria for production testing of industrial valves made of metallic materials. The specified tests may also be used as type tests or acceptance tests. Safety devices are not covered by EN 12266-1. When specified as a normative reference in a valve product or performance standard, this European Standard is to be considered in conjunction with given specific requirements of the valve product or performance standard. Where requirements in a product or performance standard differ from those given in this European Standard, the requirements of the product or performance standard apply.

Keel en

Asendab EVS-EN 12266-1:2003

EVS-EN 12493:2008+A1:2012

Hind 19,05

Identne EN 12493:2008+A1:2012

LPG equipment and accessories - Welded steel tanks for liquefied petroleum gas (LPG) - Road tankers design and manufacture CONSOLIDATED TEXT

This European Standard specifies minimum requirements for materials, design, construction and workmanship procedures, and tests for welded LPG road tanker tanks and their welded attachments manufactured from carbon, carbon/manganese and micro alloy steels. There is no upper size limit as this is determined by the gross vehicle weight limitation. This European Standard does not cover tanks for tank containers.

Keel en

Asendab EVS-EN 12493:2008

EVS-EN 13575:2012

Hind 13,22

Identne EN 13575:2012

Static thermoplastic tanks for the above ground storage of chemicals - Blow moulded or rotationally moulded polyethylene tanks - Requirements and test methods

This European Standard specifies requirements for materials, physical properties and performance for blow moulded and rotationally moulded polyethylene single tanks, with or without reinforcement, for the above ground storage of chemical liquids having a maximum specific gravity of 1 400 kg/m³ except water and those liquids dealt with by EN 13341. It is only applicable to static blow moulded or rotationally moulded polyethylene tanks, which are subjected to atmospheric pressures but not subject to any external loading and having a volume of 400 l to 10 000 l. Except for periodic temperature fluctuation their normal operating temperature does not exceed 25 °C. Tanks according to this European Standard are expected to have a period of intended use of 10 years. This European Standard specifies test methods and factory production control tests as well.

Keel en

Asendab EVS-EN 13575:2004

EVS-EN 13799:2012

Hind 13,22

Identne EN 13799:2012

LPG equipment and accessories - Contents gauges for Liquefied Petroleum Gas (LPG) pressure vessels

This European Standard specifies minimum requirements for design and testing of contents gauges, which are directly connected to LPG transportable pressure vessels, LPG drums, LPG cylinders and static LPG pressure vessels above 0,5 l water capacity excluding those used for automotive containers. This European Standard does not apply to refineries or other process plants.

Keel en

Asendab EVS-EN 13799:2003; EVS-EN 13799:2003/AC:2007

EVS-EN 13951:2012

Hind 13,22

Identne EN 13951:2012

Vedelikupumbad. Ohutusnõuded. Põllumajanduslikud toiduained. Hügieenilise kasutamise tagamiseks vajalikud konstruktsiooninõuded

This European Standard deals with the special technical safety requirements for liquid pumps and pump units operating with agrifood-stuff. This European Standard is intended to be used with EN 809 to give the additional requirements for hazards arising from the pumping of substances intended for human and domestic animal consumption (see Clause 4). This European Standard also establishes requirements and/or measures for the reduction of risks during use, including misuse foreseeable by the manufacturer. This European Standard is not intended to be used for pumps and pump units at any stage in the public water supply, nor for pumps handling pharmaceutical products, nor for any other application for which more appropriate standards exist. The pumps and pump units covered by this European Standard are the following: - rotodynamic pumps; - rotary positive displacement pumps; - reciprocating positive displacement pumps. Pumps dealing with agrifood-stuff which are not indicated in this scope are potentially covered by EN 1672-2:2005+A1:2009. This document is not applicable to liquid pumps for agrifoodstuff applications which are manufactured before the date of its publication as an EN.

Keel en

Asendab EVS-EN 13951:2003+A1:2008

EVS-EN ISO 10961:2012

Hind 12,51

Identne EN ISO 10961:2012

ja identne ISO 10961:2010

Gas cylinders - Cylinder bundles - Design, manufacture, testing and inspection (ISO 10961:2010)

This International Standard specifies the requirements for the design, construction, testing and initial inspection of a transportable cylinder bundle. It is applicable to cylinder bundles containing compressed gas, liquefied gas and mixtures thereof. It is also applicable to cylinder bundles for acetylene. This International Standard does not apply to packages in which cylinders are manifolded together in a support frame which is designed to be fixed permanently to a road vehicle, to a railway wagon or to the ground as a customer storage vessel. It does not apply to cylinder bundles which are designed for use in extreme environmental or operational conditions when additional and extraordinary requirements are imposed to maintain safety standards, reliability and performance, e.g. offshore cylinder bundles. Some special applications (e.g. electronics) require an alternative design approach. With the agreement of the inspection body, the manifold and its piping components may be designed and tested at a pressure which is appropriate to the service conditions. Specific requirements for acetylene cylinder bundles containing acetylene in a solvent are included in Annex B. This International Standard does not, however, cover acetylene cylinder bundles with solvent-free acetylene cylinders. This International Standard is intended primarily for industrial gases other than liquefied petroleum gases (LPGs), but it may also be used for LPGs. Unless otherwise stated, individual cylinders within cylinder bundles will have to conform to applicable standards for single cylinders. This International Standard specifies the additional requirements that apply when individual cylinders are assembled into a bundle.

Keel en

Asendab EVS-EN 13769:2003/A1:2005; EVS-EN 13769:2003

EVS-EN ISO 11114-1:2012

Hind 18

Identne EN ISO 11114-1:2012

ja identne ISO 11114-1:2012

Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 1: Metallic materials (ISO 11114-1:2012)

This part of ISO 11114 provides requirements for the selection of safe combinations of metallic cylinder and valve materials and cylinder gas content. The compatibility data given is related to single gases and to gas mixtures. Seamless metallic, welded metallic and composite gas cylinders and their valves, used to contain compressed, liquefied and dissolved gases, are considered. NOTE In this part of ISO 11114 the term "cylinder" refers to transportable pressure receptacles, which also include tubes and pressure drums. Aspects such as the quality of delivered gas product are not considered.

Keel en

Asendab EVS-EN ISO 11114-1:1999

ASENDATUD VÕI TÜHISTATUD STANDARDID

CEN/TS 14825:2003

Identne CEN/TS 14825:2003

Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling - Testing and rating at part load conditions

This Technical Specification covers testing of air conditioners, heat pumps and liquid chilling packages for part load conditions. It specifies the terms, the definitions, the methods for testing and reporting, and the calculation method for the cyclic and compressor reduced capacity. The temperature and system reduced capacities are excluded. This European Standard applies to factory made units defined in EN 14511-1.

Keel en

Asendatud EVS-EN 14825:2012

EVS-EN 126:2004

Identne EN 126:2004

Gaasitarvite multiregulaatorid

This European Standard specifies the safety, constructional and performance requirements for multifunctional controls for gas burners and gas appliances, hereafter referred to as multifunctional controls. It also gives the test procedures for evaluating these requirements and information necessary to the purchaser and the user.

Keel en

Asendab EVS-EN 126:1997

Asendatud EVS-EN 126:2012

EVS-EN 1440:2008

Identne EN 1440:2008

Vedelgaasi seadmed ja lisavarustus. Vedelgaasi korduvtäidetavate transporditavate balloonide perioodiline tehniline ülevaatus

Standard määratleb perioodilise kontrolli intervallid, kontrolli protseduurid, kontrollimised ja katsed transporditavatele korduvtäidetavatele vedelgaasi balloonidele, mille vee mahtuvus on 0,5 l kuni 150 l kaasa arvatud. Standard on rakendatav järgmistele balloonidele: - terasest keevitatud või joodetud vedelgaasi balloonidele, millele on määratud minimaalne seinapaksus (vaata EN 1442 ja EN 12807 või muu sama väärne standard); - terasest keevitatud vedelgaasi balloonidele millele ei ole määratud minimaalset seinapaksust (vaata EN 14140:2003+A1 või muu sama väärne standard); - alumiiniumist keevitatud vedelgaasi balloonidele (vaata EN 13110 või muu sama väärne standard); - komposiitmaterjalist vedelgaasi balloonidele (vaata EN 14427 või muu sama väärne standard). Standard on ettenähtud rakendamiseks balloonidele, mis vastavad RID/ADR (kaasa arvatud "pi" märgistatud balloonid) nõuetele ja samuti olemasolevatele RID/ADR nõuetele mittevastavatele balloonidele. Standard ei rakendu sõidukitesse püsivalt paigaldatud balloonidele.

Keel et

Asendab EVS-EN 1440:2006; EVS-EN 14795:2006;

EVS-EN 14767:2006; EVS-EN 14914:2006

Asendatud EVS-EN 1440:2008+A1:2012

EVS-EN 1638:1999

Identne EN 1638:1997

Plasttorustikusüsteemid. Klaassarrusega termokõvenevast plastist torud. Tsüklilise sisesurve mõju katsemetod

Käesolev standard määrab kindlaks meetodi tsüklilise sisesurve mõjude uurimiseks klaassarrusega termokõvenevast plastist torudel. Standard kehtib torudele nimiläbimõõduga kuni DN 600 (kaasa arvatud). Tähelepanu! Kuigi käesolev standard kehtib torude kohta, võib kirjeldatud meetodeid rakendada toruliitmikele.

Keel en

EVS-EN 1862:1999

Identne EN 1862:1997

Plasttorustikusüsteemid. Klaassarrusega termokõvenevast plastist torud. Suhtelise paineroometeguri määramine, kasutades kemikaalide mõjule allutamist

Käesolev standard esitab meetodi klaassarrusega termokõvenevate plasttorude suhtelise roometeguri kindlaksmääramiseks, kasutades kemikaalide mõjule allutamist. Standard kehtib torudele nimiläbimõõduga kuni DN 600 (kaasa arvatud).

Keel en

EVS-EN 12266-1:2003

Identne EN 12266-1:2003

Tööstuslikud ventiilid. Ventiilide testimine. Osa 1: Survetestid, testiprotseduurid ja aktsepteerimiskriteeriumid. Kohustuslikud nõuded

This standard specifies mandatory requirements for tests, test procedures and acceptance criteria for production testing of industrial valves. The specified tests may also be used as type tests or acceptance tests

Keel en

Asendatud EVS-EN 12266-1:2012

EVS-EN 12493:2008

Identne EN 12493:2008

LPG equipment and accessories - Welded steel tanks for liquefied petroleum gas (LPG) - Road tankers design and manufacture

This European Standard specifies minimum requirements for materials, design, construction and workmanship procedures, and tests for welded LPG road tanker tanks and their welded attachments manufactured from carbon, carbon/manganese and micro alloy steels. There is no upper size limit as this is determined by the gross vehicle weight limitation. This European Standard does not cover tanks for tank containers. NOTE 1 In the context of this standard the term "road tanker" is understood to mean "fixed tanks" and "demountable tanks" as defined in ADR. NOTE 2 The equipment of the tanks and the inspection and testing after assembly is covered by EN 12252, and EN 14334, respectively. NOTE 3 The design type of the road tanker is subject to the approval by the competent authority, as required by ADR.

Keel en

Asendab EVS-EN 12493:2001

Asendatud EVS-EN 12493:2008+A1:2012

EVS-EN 13575:2004

Identne EN 13575:2004

Thermoplastic tanks made from blow or rotational moulded polyethylene - Tanks for the above ground storage of chemicals - Requirements and test methods

This European Standard specifies requirements for above ground single static thermoplastic tanks of volume 450 l to 10 000 l, which can be used for the storage of liquids other than water including chemicals classified as dangerous goods

Keel en

Asendatud EVS-EN 13575:2012

EVS-EN 13769:2003

Identne EN 13769:2003

Transportable gas cylinders - Cylinder bundles - Design, manufacture, identification and testing

This European Standard specifies the requirements for the design, manufacture, identification and testing of a cylinder bundle. It is applicable to cylinder bundles containing compressed gas, liquefied gas and mixtures thereof. It is also applicable to cylinder bundles for acetylene

Keel en

Asendatud EVS-EN ISO 10961:2012

EVS-EN 13769:2003/A1:2005

Identne EN 13769:2003/A1:2005

Transportable gas cylinders - Cylinder bundles - Design, manufacture, identification and testing

This European Standard specifies the requirements for the design, manufacture, identification and testing of a cylinder bundle. It is applicable to cylinder bundles containing compressed gas, liquefied gas and mixtures thereof. It is also applicable to cylinder bundles for acetylene

Keel en

Asendatud EVS-EN ISO 10961:2012

EVS-EN 13799:2003/AC:2007

Identne EN 13799:2002/AC:2007

LPG tsisternide sisumöödikud

Keel en

Asendatud EVS-EN 13799:2012

EVS-EN 13799:2003

Identne EN 13799:2002

LPG tsisternide sisumöödikud

This European Standard specifies minimum requirements for design and testing of contents gauges, which are directly connected to transportable or static LPG tanks above 0,5 l water capacity excluding those used for automotive containers

Keel en

Asendatud EVS-EN 13799:2012

EVS-EN 13951:2003+A1:2008

Identne EN 13951:2003+A1:2008

Vedelikupumbad. Ohutusnõuded.**PõlluMajanduslikud toiduained. Hügieenilise kasutamise tagamiseks vajalikud****konstruktsiooninõuded KONSOLIDEERITUD TEKST**

This European Standard is concerned with the special technical safety requirements for liquid pumps and pump units operating with agrifoodstuffs. It augments EN 809 and contains a list of the additional significant hazards which can arise from the pump and pump units used with substances intended for human and domestic animal consumption. In drafting this standard it was assumed that the pumps falling within its scope will conform to all relevant requirement of EN 809. It also establishes requirements and/or measures which lead to a reduction of the risks. This standard is not intended to be used for pumps and pump units at any stage in the public water supply, nor for pumps handling pharmaceutical products, nor for any other application for which more appropriate standards can exist.

Keel en

Asendab EVS-EN 13951:2003

Asendatud EVS-EN 13951:2012

EVS-EN ISO 11114-1:1999

Identne EN ISO 11114-1:1997+AC:1998

ja identne ISO 11114-1:1997

Transporditavad gaasiballoonid. Ballooni ja ventiilimaterjali kokkusobivus sisalduva gaasi koostisega. Osa 1: Metallilised materjalid

Käesolev standard annab juhiseid metallist gaasiballooni, ventiilimaterjali ja sisalduva gaasi koostise kokkusobivuse valikuks ning hindamiseks. Antud kokkusobivuse andmed kehtivad ühekomponendilise gaasi korral. Standard on kohaldatav õmblusteta ja keevitatud gaasiballoonidele, mis on arvestatud kasutamiseks kokkusurutud, veeldatud ja lahustatud gaasidega. Tarnitud toote kvaliteediküsimusi ei ole arvesse võetud.

Keel en

Asendatud EVS-EN ISO 11114-1:2012

KAVANDITE ARVAMUSKÜSITLUS**FprEN 12450**

Identne FprEN 12450:2012

Tähtaeg 29.06.2012

Copper and copper alloys - Seamless, round copper capillary tubes

This European Standard specifies the composition, property requirements and tolerances on dimensions and on form for seamless round copper capillary tubes for use as metering lines for liquids or gases where close controls over the smoothness and dimensions of the bore are required to ensure uniform flow characteristics. This European Standard applies to capillary tubes in straight lengths, or in coils, in the size range up to and including 6,10 mm outside diameter and from 0,30 mm up to and including 4,45 mm inside diameter which are intended for restrictor applications. The sampling procedures and the methods of test for verification of conformity to the requirements of this European Standard are also specified.

Keel en

Asendab EVS-EN 12450:2000

FprEN ISO 13088

Identne FprEN ISO 13088:2012
ja identne ISO 13088:2011
Tähtaeg 29.06.2012

Gas cylinders - Acetylene cylinder bundles - Filling conditions and filling inspection (ISO 13088:2011)

This International Standard specifies the minimum requirements for the filling conditions and filling inspection of acetylene cylinder bundles. It applies both to bundles which are filled while the cylinders are assembled in the bundle and to bundles of which the cylinders are filled as individual cylinders and are assembled into a bundle after filling. It does not apply to bundles containing solvent-free acetylene cylinders. This International Standard is not applicable to individual acetylene cylinders that are not intended to be assembled into a bundle (see ISO 11372).

Keel en

prEN 13480-8

Identne prEN 13480-8:2012
Tähtaeg 29.06.2012

Metallist tööstustorustik. Osa 8: Täiendavad nõuded alumiiniumist ja alumiiniumsulamist torudele

This Part of EN 13480 specifies requirements for industrial piping systems made of aluminium and aluminium alloys in addition to the general requirements for industrial piping according to the series of standards EN 13480 and CEN/TR 13480-7.

Keel en

Asendab EVS-EN 13480-8:2007; EVS-EN 13480-8:2007/A1:2011

prEN ISO 1179-1

Identne prEN ISO 1179-1:2012
ja identne ISO/DIS 1179-1:2012
Tähtaeg 29.06.2012

Connections for general use and fluid power - Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing - Part 1: Threaded ports (ISO/DIS 1179-1:2012)

This part of ISO 1179 specifies dimensions for ports with ISO 228-1 threads for use with non-adjustable stud ends shown in ISO 1179-2, ISO 1179-3 and ISO 1179-4 and with adjustable stud ends shown in ISO 1179-3. Ports in accordance with this part of ISO 1179 may be used: - with ISO 1179-2 heavy-duty (S series) stud ends with type E sealing at working pressures up to 63 MPa (630 bar) and light-duty (L series) stud ends at working pressures up to 25 MPa (250 bar); - with ISO 1179-3 light-duty (L series) stud ends with type G sealing at working pressures up to 31,5 MPa (315 bar), and with ISO 1179-3 light-duty (L series) adjustable stud ends with type H sealing at working pressures up to 20 MPa (200 bar); - with ISO 1179-4 stud ends with type B sealing at working pressures up to 40 MPa (400 bar) for the S series, up to 25 MPa (250 bar) for the L series, and up to 10 MPa (100 bar) for the LL series, except for the G2 size port, which in hydraulic fluid power systems is used mainly with accumulators and for which ISO 1179-3 and ISO 1179-4 do not specify stud ends. The permissible working pressure depends upon size, materials, design, working conditions, application, etc. Users of this part of ISO 1179 should ensure that there is sufficient material around the port to maintain the pressure.

Keel en

Asendab EVS-EN ISO 1179-1:2008

prEN ISO 1179-2

Identne prEN ISO 1179-2:2012
ja identne ISO/DIS 1179-2:2012
Tähtaeg 29.06.2012

Connections for general use and fluid power - Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing - Part 2: Heavy-duty (S series) and light-duty (L series) stud ends with elastomeric sealing (type E) (ISO/DIS 1179-2:2012)

This part of ISO 1179 specifies dimensions, performance requirements and test procedures for heavy-duty (S series) and light-duty (L series) stud ends with ISO 228-1 threads and the elastomeric sealing (type E) that is used with them. Heavy-duty (S series) stud ends with type E sealing in accordance with this part of ISO 1179 may be used at working pressures up to 63 MPa (630 bar). Light-duty (L series) stud ends with type E sealing in accordance with this part of ISO 1179 may be used at working pressures up to 25 MPa (250 bar). The permissible working pressure depends upon size, materials, design, working conditions, application, etc. Conformance to the dimensional information in this part of ISO 1179 does not guarantee rated performance. Each manufacturer shall perform testing according to the specification contained in this part of ISO 1179 to assure that components made to this part of ISO 1179 comply with the performance ratings.

Keel en

Asendab EVS-EN ISO 1179-2:2008; EN ISO 1179-2:2008/prA1

prEN ISO 3807

Identne prEN ISO 3807:2012
ja identne ISO/DIS 3807:2012
Tähtaeg 29.06.2012

Gas cylinders - Acetylene cylinders - Basic requirements and type testing (ISO/DIS 3807:2012)

This document specifies the basic and type testing requirements for acetylene cylinders with and without fusible plugs with a maximum nominal water capacity of 150 l and requirements regarding production/batch test procedures for manufacturing of acetylene cylinders with porous material. It does not include details of the design of the cylinder shell; these are specified e.g. in ISO 9809-1, ISO 9809-3, ISO 4706 or ISO 7866.

Keel en

prEN ISO 11439

Identne prEN ISO 11439:2012
ja identne ISO/DIS 11439:2012
Tähtaeg 29.06.2012

Gas cylinders - High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles (ISO/DIS 11439:2012)

This International Standard specifies minimum requirements for serially produced light-weight refillable gas cylinders intended only for the on-board storage of high pressure compressed natural gas as a fuel for automotive vehicles to which the cylinders are to be fixed. The service conditions do not cover external loadings that can arise from vehicle collisions, etc. This International Standard covers cylinders of any steel, aluminium or non-metallic material construction, using any design or method of manufacture suitable for the specified service conditions. This International Standard does not cover cylinders of stainless steel or of welded construction. Although this standard uses 200 bar as a reference working pressure, other working pressures can be used. Cylinders covered by this International Standard are designated Type 1, Type 2, Type 3 and Type 4.

Keel en

Asendab EVS-EN ISO 11439:2001

25 TOOTMISTEHNOLLOOGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 10169:2010+A1:2012

Hind 15,4

Identne EN 10169:2010+A1:2012

Continuously organic coated (coil coated) steel flat products - Technical delivery conditions CONSOLIDATED TEXT

This European Standard specifies requirements for continuously organic coated (coil coated) steel flat products. It particularly specifies the performance requirements. The products covered are wide strip, sheet cut from wide strip, slit wide strip, strip rolled in widths less than 600 mm and cut lengths (from sheet or strip). NOTE This document is not applicable to continuously organic coated flat products made of: - tinmill products, - electrical steels.

Keel en

Asendab EVS-EN 10169:2010

EVS-EN 61784-5-2:2012

Hind 26,5

Identne EN 61784-5-2:2012

ja identne IEC 61784-5-2:2010

Industrial communication networks - Profiles - Part 5-2: Installation of fieldbuses - Installation profiles for CPF 2

This part of IEC 61784 specifies the installation profiles for CPF 2 (CIP™1). The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2010.

Keel en

Asendab EVS-EN 61784-5-2:2008

EVS-EN 61784-5-3:2012

Hind 23,62

Identne EN 61784-5-3:2012

ja identne IEC 61784-5-3:2010

Industrial communication networks - Profiles - Part 5-3: Installation of fieldbuses - Installation profiles for CPF 3

This part of IEC 61784 specifies the installation profiles for CPF 3 (PROFIBUS/PROFINET)1. The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2010.

Keel en

Asendab EVS-EN 61784-5-3:2008

EVS-EN 61784-5-4:2012

Hind 13,92

Identne EN 61784-5-4:2012

ja identne IEC 61784-5-4:2010

Industrial communication networks - Profiles - Part 5-4: Installation of fieldbuses - Installation profiles for CPF 4

This part of IEC 61784 specifies the installation profiles for CPF 4 (P-NET)1. The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2010.

Keel en

EVS-EN 61784-5-6:2012

Hind 17,08

Identne EN 61784-5-6:2012

ja identne IEC 61784-5-6:2010

Industrial communication networks - Profiles - Part 5-6: Installation of fieldbuses - Installation profiles for CPF 6

This part of IEC 61784 specifies the installation profiles for CPF 6 (INTERBUS)1. The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2010.

Keel en

Asendab EVS-EN 61784-5-6:2008

EVS-EN 61784-5-10:2012

Hind 10,9

Identne EN 61784-5-10:2012

ja identne IEC 61784-5-10:2010

Industrial communication networks - Profiles - Part 5-10: Installation of fieldbuses - Installation profiles for CPF 10

This part of IEC 61784 specifies the installation profile for CPF 10 (Vnet/IP™)1. The installation profile is specified in the annex. This annex is read in conjunction with IEC 61918:2010.

Keel en

Asendab EVS-EN 61784-5-10:2008

EVS-EN 61784-5-11:2012

Hind 13,22

Identne EN 61784-5-11:2012

ja identne IEC 61784-5-11:2010

Industrial communication networks - Profiles - Part 5-11: Installation of fieldbuses - Installation profiles for CPF 11

This part of IEC 61784 specifies the installation profiles for CPF 11 (TCnet1). The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2010.

Keel en

Asendab EVS-EN 61784-5-11:2008

EVS-EN 61784-5-12:2012

Hind 10,9

Identne EN 61784-5-12:2012

ja identne IEC 61784-5-12:2010

Industrial communication networks - Profiles - Part 5-12: Installation of fieldbuses - Installation profiles for CPF 12

This part of IEC 61784 specifies the installation profiles for CPF 12 (EtherCAT™) 1. The installation profiles are specified in the annex. This annex is read in conjunction with IEC 61918:2010.

Keel en

EVS-EN 61784-5-14:2012

Hind 13,92

Identne EN 61784-5-14:2012

ja identne IEC 61784-5-14:2010

Industrial communication networks - Profiles - Part 5-14: Installation of fieldbuses - Installation profiles for CPF 14

This part of IEC 61784 specifies the installation profiles for CPF 14 (EPA)1. The installation profiles are specified in the annex. This annex is read in conjunction with IEC 61918:2010.

Keel en

EVS-EN 61784-5-15:2012

Hind 11,67

Identne EN 61784-5-15:2012

ja identne IEC 61784-5-15:2010

Industrial communication networks - Profiles - Part 5-15: Installation of fieldbuses - Installation profiles for CPF 15

This part of IEC 61784 specifies the installation profiles for CPF 15/1 (MODBUS™-TCP)1 and CPF 15/2 (RTPS). The installation profiles are specified in the annex. This annex is read in conjunction with IEC 61918:2010.

Keel en

EVS-EN 62264-5:2012

Hind 23,62

Identne EN 62264-5:2012

ja identne IEC 62264-5:2011

Enterprise system integration - Part 5: Business to manufacturing transactions

This part of IEC 62264 defines transactions in terms of information exchanges between applications performing business and manufacturing activities associated with Levels 3 and 4. The exchanges are intended to enable information collection, retrieval, transfer and storage in support of Enterprise-Control system integration. This part of IEC 62264 is consistent with the IEC 62264-1 models and terminology and IEC 62264-2 object model attributes. This standard also defines transactions that specify how to exchange the objects defined in IEC 62264-1, Clause 7, IEC 62264-2 and this standard. Other uses of the transaction model are not defined in this part. The models covered in this standard are: Personnel Model, Equipment Model, Maintenance Model, Material Model, Process Segment Model, Production Capability Model, Product Definition Model, Production Schedule Model, and Production Performance Model.

Keel en

EVS-EN 62337:2012

Hind 15,4

Identne EN 62337:2012

ja identne IEC 62337:2012

Commissioning of electrical, instrumentation and control systems in the process industry - Specific phases and milestones

This International Standard defines specific phases and milestones (see Figure 1) in the commissioning of electrical, instrumentation and control systems in the process industry. By way of example, it describes activities following the "completion-of-erection" milestone of the project and prior to the "acceptance-of-the-plant" phase by the owner. Such activities need to be adapted for each type of process/plant concerned.

Keel en

Asendab EVS-EN 62337:2007

EVS-EN 62381:2012

Hind 15,4

Identne EN 62381:2012

ja identne IEC 62381:2012

Automation systems in the process industry - Factory acceptance test (FAT), site acceptance test (SAT) and site integration test (SIT)

This International Standard defines procedures and specifications for the Factory Acceptance Test (FAT), the Site Acceptance Test (SAT), and the Site Integration Test (SIT). These tests are carried out to prove that the automation system is in accordance with the specification. Engineering and manufacturing activities prior to these tests are not covered by this standard. For application in the pharmaceutical or other highly specialized industries, additional guidelines (for example, Good Automated Manufacturing Practice (GAMP)), definitions and stipulations should apply in accordance with existing standards, for example, for GMP Compliance 21 CFR (FDA) and the Standard Operating Procedure of the European Medicines Agency (SOP/INSP/2003). The description of activities given in this standard can be taken as a guideline and adapted to the specific requirements of the process, plant or equipment. A typical sequence of activities and events is shown in Figure 1, and their relationship are shown in Figures 2 and Figure 3.

Keel en

Asendab EVS-EN 62381:2007

EVS-EN 62439-4:2010/A1:2012

Hind 5,62

Identne EN 62439-4:2010/A1:2012

ja identne IEC 62439-4:2010/A1:2012

Industrial communication networks - High availability automation networks - Part 4: Cross-network Redundancy Protocol (CRP)

The IEC 62439 series is applicable to high-availability automation networks based on the ISO/IEC 8802-3 (IEEE 802.3) (Ethernet) technology. This part of the IEC 62439 series specifies a redundancy protocol that is based on the duplication of the network, the redundancy protocol being executed within the end nodes, as opposed to a redundancy protocol built in the switches. The switchover decision is taken in each node individually. The cross-network connection capability enables single attached end nodes to be connected on either of the two networks.

Keel en

EVS-EN 62439-7:2012

Hind 22,15

Identne EN 62439-7:2012

ja identne IEC 62439-7:2011

Industrial communication networks - High availability automation networks - Part 7: Ring-based Redundancy Protocol (RRP)

The IEC 62439 series of standards is applicable to high-availability automation networks based on the ISO/IEC 8802-3:2000 (Ethernet) technology. This part of the IEC 62439 series specifies a redundancy protocol that is based on a ring topology, in which the redundancy protocol is executed at the end nodes, as opposed to being built into the switches. Each node detects link failure and link establishment using mediasensing technologies, and shares the link information with the other nodes, to guarantee fast connectivity recovery times. The nodes have equal RRP network management functions.

Keel en

EVS-EN ISO 3690:2012

Hind 12,51

Identne EN ISO 3690:2012

ja identne ISO 3690:2012

Welding and allied processes - Determination of hydrogen content in arc weld metal (ISO 3690:2012)

This International Standard specifies the sampling and analytical procedure for the determination of diffusible hydrogen in martensitic, bainitic, and ferritic steel weld metal arising from the welding of such steels using arc welding processes with filler metal. The techniques specified in this International Standard include collection of diffusible hydrogen via displacement of mercury or collection into a headspace filled with an inert gas such as argon. The amount of hydrogen collected is determined by measuring the displaced volume in the former and by, for example, thermal conductivity in the latter. The temperature for collection of diffusible hydrogen is controlled to avoid thermal activation of non-diffusible hydrogen.

Keel en

Asendab EVS-EN ISO 3690:2001

EVS-EN ISO 14271:2011/AC:2012

Hind 0

Identne EN ISO 14271:2011/AC:2012

ja identne ISO 14271:2011/Cor 1:2012

Resistance welding - Vickers hardness testing (low-force and microhardness) of resistance spot, projection, and seam welds - Technical Corrigendum 1 (ISO 14271:2011/Cor 1:2012)

Keel en

EVS-EN ISO 23125:2010/A1:2012

Hind 9,49

Identne EN ISO 23125:2010/A1:2012

ja identne ISO 23125:2010/Amd 1:2012

Machine tools - Safety - Turning machines - Amendment 1 (ISO 23125:2010/Amd 1:2012)

This International Standard specifies the requirements and/or measures to eliminate the hazards or reduce the risks in the following groups of turning machines and turning centres, which are designed primarily to shape metal by cutting. - Group 1: Manually controlled turning machines without numerical control. - Group 2: Manually controlled turning machines with limited numerically controlled capability. - Group 3: Numerically controlled turning machines and turning centres. - Group 4: Single- or multi-spindle automatic turning machines.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 10169:2010**

Identne EN 10169:2010

Continuously organic coated (coil coated) steel flat products - Technical delivery conditions

This European Standard specifies requirements for continuously organic coated (coil coated) steel flat products. It particularly specifies the performance requirements. The products covered are wide strip, sheet cut from wide strip, slit wide strip, strip rolled in widths less than 600 mm and cut lengths (from sheet or strip).

Keel en

Asendab EVS-EN 10169-3:2003; EVS-EN 10169-1:2004; EVS-EN 10169-2:2006

Asendatud EVS-EN 10169:2010+A1:2012

EVS-EN 61784-5-2:2008

Identne EN 61784-5-2:2008

ja identne IEC 61784-5-2:2007

Industrial communication networks - Profiles -- Part 5-2: Installation of fieldbuses - Installation profiles for CPF 2

This part of IEC 61784 specifies the installation profiles for CPF 2 (CIP™1). The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2007.

Keel en

Asendatud EVS-EN 61784-5-2:2012

EVS-EN 61784-5-3:2008

Identne EN 61784-5-3:2008

ja identne IEC 61784-5-3:2007

Industrial communication networks - Profiles - Part 5-3: Installation of fieldbuses - Installation profiles for CPF 3

This part of IEC 61784 specifies the installation profiles for CPF 3 (PROFIBUS/PROFINET)1. The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2007.

Keel en

Asendatud EVS-EN 61784-5-3:2012

EVS-EN 61784-5-6:2008

Identne EN 61784-5-6:2008

ja identne IEC 61784-5-6:2007

Industrial communication networks - Profiles - Part 5-6: Installation of fieldbuses - Installation profiles for CPF 6

This part of IEC 61784 specifies the installation profiles for the media specified in CPF 6 (INTERBUS)1. The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2007.

Keel en

Asendatud EVS-EN 61784-5-6:2012

EVS-EN 61784-5-10:2008

Identne EN 61784-5-10:2008

ja identne IEC 61784-5-10:2007

Industrial communication networks - Profiles - Part 5-10: Installation of fieldbuses - Installation profiles for CPF 10

This part of IEC 61784 specifies the installation profile for CPF 10 (Vnet/IP™1). The installation profile is specified in the annex. This annex is read in conjunction with IEC 61918:2007.

Keel en

Asendatud EVS-EN 61784-5-10:2012

EVS-EN 61784-5-11:2008

Identne EN 61784-5-11:2008

ja identne IEC 61784-5-11:2007

Industrial communication networks - Profiles - Part 5-11: Installation of fieldbuses - Installation profiles for CPF 11

This part of IEC 61784 specifies the installation profile for CPF 11 (TCnet1). The installation profile is specified in the annex. This annex is read in conjunction with IEC 61918:2007.

Keel en

Asendatud EVS-EN 61784-5-11:2012

EVS-EN 62337:2007

Identne EN 62337:2007

ja identne IEC 62337:2006

Commissioning of electrical, instrumentation and control systems in the process industry – Specific phases and milestones

This International Standard defines specific phases and milestones (see Figure 1) in the commissioning of electrical, instrumentation and control systems in the process industry. By way of example, it describes activities following the “completion-of-erection” milestone of the project and prior to the “acceptance-of-the-plant” phase by the owner. Such activities need to be adapted for each type of process/plant concerned.

Keel en

Asendatud EVS-EN 62337:2012

EVS-EN 62381:2007

Identne EN 62381:2007

ja identne IEC 62381:2006

Automation systems in the process industry - Factory acceptance test (FAT), site acceptance test (SAT) and site integration test (SIT)

This International Standard defines procedures and specifications for the Factory Acceptance Test (FAT), the Site Acceptance Test (SAT), and the Site Integration Test (SIT). These tests are carried out to prove that the automation system is in accordance with the specification. Engineering and manufacturing activities prior to these tests are not covered by this standard. The description of activities described in this standard can be taken as a guideline and adapted to the specific requirements of the process/plant/equipment.

Keel en

Asendatud EVS-EN 62381:2012

EVS-EN ISO 3690:2001

Identne EN ISO 3690:2000

ja identne ISO 3690:2000

Welding and allied processes - Determination of hydrogen content in ferritic arc weld metal

This International standard specifies the sampling and analytical procedure for the determination of diffusible and residual hydrogen in weld metal arising from the welding of ferritic steel using arc welding processes with filler metal.

Keel en

Asendatud EVS-EN ISO 3690:2012

EVS-EN ISO 8373:1999

Identne EN ISO 8373:1996 + AC:1996

ja identne ISO 8373:1994

Manipuleerivad tööstusrobotid. Sõnastik

Käesolev rahvusvaheline standard määratleb tootmiskeskonnas kasutatavate manipuleerivate tööstusrobotitega seotud terminid.

Keel en

Asendatud prEN ISO 8373

KAVANDITE ARVAMUSKÜSITLUS

FprEN 60770-3

Identne FprEN 60770-3:2012
ja identne IEC 60770-3:201X
Tähtaeg 29.06.2012

Transmitters for using in industrial-process control systems - Part 3: Methods for performance evaluation of intelligent transmitters

This part of IEC 60770 specifies the following methods. - Methods for - assessment the functionality of intelligence transmitters; - testing the operational behaviour, as well as the static and dynamic performance of an intelligent transmitter. - Methodologies for - determining the reliability and diagnostic features used to detect malfunctions; - determining the communication capabilities of the intelligent transmitters in a communication network. The methods and methodologies are applicable to intelligent transmitters, which convert one or more physical, chemical or electrical quantities into digital signals for use in a communication network (as specified in the IEC 61158 series or others) or into analogue electrical signals (as specified in the IEC 60381 series). The methods and methodologies listed in this part of IEC 60770 are intended for use by: - manufacturers to determine the performance of their products and - users or independent testing laboratories to verify equipment performance specifications. Manufacturers of intelligent transmitters are urged to apply this part of IEC 60770 at an early stage of development. This standard is intended to provide guidance for designing evaluations of intelligent transmitters by providing: - a checklist for reviewing the hardware and software design in a structured way; - test methods for measuring and qualifying the performance, dependability and operability under various environmental and operational conditions; - methods for reporting the data obtained.

Keel en

Asendab EVS-EN 60770-3:2006

FprEN 62439-3

Identne FprEN 62439-3:2012
ja identne IEC 62439-3:201X
Tähtaeg 29.06.2012

Industrial communication networks - High availability automation networks - Part 3: Parallel Redundancy Protocol (PRP) and High-availability Seamless Redundancy (HSR)

The IEC 62439 series is applicable to high-availability automation networks based on the ISO/IEC 8802-3 (Ethernet) technology. This part of the IEC 62439 series specifies two redundancy protocols designed to provide seamless recovery in case of single failure of an inter-bridge link or bridge in the network, which are based on the same scheme: duplication of the LAN, resp. duplication of the transmitted information.

Keel en

Asendab EVS-EN 62439-3:2010; EN 62439-3:2010/FprA1

FprEN 62677-1

Identne FprEN 62677-1:2012
ja identne IEC 62677-1:201X
Tähtaeg 29.06.2012

Heat shrinkable low and medium voltage moulded shapes - Part 1: General requirements

This standard is applicable to heat shrinkable low and medium voltage moulded shapes in a range of configurations and materials suitable for insulation, environmental sealing, mechanical protection, electrical conductance, anti tracking and strain relief for power cable terminations, joints and stop ends. It specifies the test methods and material requirements. The most commonly available shapes are as shown in the Annex A. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application should be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. These moulded shapes are designed to be used in low and medium voltage cable accessories and as such electrical performance must be proven as part of the assembly. Examples of this are described in EN50393, HD 629 and IEC 60502.

Keel en

27 ELEKTRI- JA SOOJUSENERGEETIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 12977-1:2012

Hind 10,9
Identne EN 12977-1:2012

Thermal solar systems and components - Custom built systems - Part 1: General requirements for solar water heaters and combisystems

This European Standard specifies requirements on durability, reliability and safety of small and large custom built solar heating and cooling systems with liquid heat transfer medium in the collector loop for residential buildings and similar applications. This document also contains requirements on the design process of large custom built systems.

Keel en

Asendab CEN/TS 12977-1:2010

EVS-EN 12977-2:2012

Hind 18

Identne EN 12977-2:2012

Thermal solar systems and components - Custom built systems - Part 2: Test methods for solar water heaters and combisystems

This European Standard applies to small and large custom built solar heating systems with liquid heat transfer medium for residential buildings and similar applications, and gives test methods for verification of the requirements specified in EN 12977-1. This document also includes a method for thermal performance characterization and system performance prediction of small custom built systems by means of component testing and system simulation. Furthermore, this document contains methods for thermal performance characterization and system performance prediction of large custom built systems. This document applies to the following types of small custom built solar heating systems: - systems for domestic hot water preparation only; - systems for space heating only; - systems for domestic hot water preparation and space heating; - others (e.g. including cooling). This document applies to large custom built solar heating systems, primarily to solar preheat systems, with one or more storage vessels, heat exchangers, piping and automatic controls and with collector array(s) with forced circulation of fluid in the collector loop. This document does not apply to - systems with a store medium other than water (e.g. phase- change materials), - thermosiphon systems, - integral collector-storage (ICS) systems.

Keel en

Asendab CEN/TS 12977-2:2010

EVS-EN 12977-3:2012

Hind 18

Identne EN 12977-3:2012

Thermal solar systems and components - Custom built systems - Part 3: Performance test methods for solar water heater stores

This European Standard specifies test methods for the performance characterization of stores which are intended for use in small custom built systems as specified in EN 12977-1. Stores tested according to this document are commonly used in solar hot water systems. However, the thermal performance of all other thermal stores with water as a storage medium can also be assessed according to the test methods specified in this document. The document applies to stores with a nominal volume between 50 l and 3 000 l. This document does not apply to combistores. Performance test methods for solar combistores are specified in EN 12977-4.

Keel en

Asendab EVS-EN 12977-3:2008

EVS-EN 12977-4:2012

Hind 11,67

Identne EN 12977-4:2012

Thermal solar systems and components - Custom built systems - Part 4: Performance test methods for solar combistores

This European Standard specifies test methods for the performance characterization of stores which are intended for use in small custom built systems as specified in EN 12977-1. Stores tested according to this document are commonly used in solar combisystems. However, the thermal performance of all other thermal stores with water as a storage medium (e.g. for heat pump systems) can be also assessed according to the test methods specified in this document. This document applies to combistores with a nominal volume up to 3 000 l and without integrated burner.

Keel en

Asendab CEN/TS 12977-4:2010

EVS-EN 12977-5:2012

Hind 16,1

Identne EN 12977-5:2012

Thermal solar systems and components - Custom built systems - Part 5: Performance test methods for control equipment

This European Standard specifies performance test methods for control equipment. Furthermore, this document contains requirements on accuracy, durability and reliability of control equipment. The tests described in this document are limited to electrically activated components delivered with or for the system by the final supplier. For the purposes of this document controller and control equipment for solar heating systems and auxiliary heaters, if part of the system, are restricted to the following: a) Controllers as: 1) system clocks, timers and counters; 2) differential thermostats; 3) multi-function controllers. b) Sensors as: 1) temperature sensors; 2) irradiance sensors (for short wave radiation); 3) pressure sensors; 4) level sensors; 5) flow meters; 6) heat meters. c) Actuators as: 1) pumps; 2) solenoid and motor valves; 3) relays. d) Combinations of controllers, sensors and actuators listed above. An additional objective of the procedures described in this document is to verify control algorithms and, together with the accuracy of sensors, to determine control parameters. In addition to verifying the functioning of a controller, its equipment and actuators, the determined parameters may be used for numerical system simulations. Typically, electrical anodes are not part of the control equipment and are not controlled by the control equipment. However, because they are electrical appliances, electrical anodes are included in this document.

Keel en

Asendab CEN/TS 12977-5:2010

EVS-EN 14825:2012

Hind 20,74

Identne EN 14825:2012

Air conditioners, liquid chilling packages and heat pumps, with electrically driven compressors, for space heating and cooling - Testing and rating at part load conditions and calculation of seasonal performance

This European Standard covers air conditioners, heat pumps and liquid chilling packages. It applies to factory made units defined in EN 14511-1:2011, except single duct, control cabinet and close control units. This European Standard gives the calculation methods for the determination of reference seasonal energy efficiency SEER and SEERon and reference seasonal coefficient of performance SCOP, SCOPon and SCOPnet. Such calculation methods may be based on calculated or measured values. In case of measured values, this European Standard covers the test methods for determination of capacities, EER and COP values during active mode at part load conditions. It also covers test methods for electric power consumption during thermostat off mode, standby mode and crankcase heater mode. This European Standard serves as an input for the calculation of the system energy efficiency in heating mode of specific heat pump systems in buildings, as stipulated in the standard EN 15316-4-2.

Keel en

Asendab CEN/TS 14825:2003

EVS-EN 61701:2012

Hind 8,72

Identne EN 61701:2012

ja identne IEC 61701:2011

Salt mist corrosion testing of photovoltaic (PV) modules

Photovoltaic (PV) modules are electrical devices intended for continuous outdoor exposure during their lifetime. Highly corrosive wet atmospheres, such as marine environments, could eventually degrade some of the PV module components (corrosion of metallic parts, deterioration of the properties of some non-metallic materials - such as protective coatings and plastics - by assimilation of salts, etc.) causing permanent damages that could impair their functioning. Temporary corrosive atmospheres are also present in places where salt is used in winter periods to melt ice formations on streets and roads. This Standard describes test sequences useful to determine the resistance of different PV modules to corrosion from salt mist containing Cl⁻ (NaCl, MgCl₂, etc.). All tests included in the sequences, except the bypass diode functionality test, are fully described in IEC 61215, IEC 61646, IEC 62108, IEC 61730-2 and IEC 60068-2-52. They are combined in this Standard to provide means to evaluate possible faults caused in PV modules when operating under wet atmospheres having high concentration of dissolved salt (NaCl). Depending on the specific nature of the surrounding atmosphere to which the module is exposed in real operation several testing severities can be applied, as defined in IEC 60068-2-52. For example severity (1) is intended to be used for PV modules used in a marine environment, or in close proximity to the sea. Severities (3) to (6) are intended for PV modules operating in locations where there could be a change between salt-laden and dry atmospheres, for examples in places where salt is used to melt ice formations. Severity (2) is not suitable for PV modules as testing conditions are too weak (this severity is originally intended for products exposed to corrosive environments from time to time that are normally protected by an enclosure) and should be avoided when applying this Standard. This Standard can be applied to both flat plate PV modules and concentrator PV modules and assemblies.

Keel en

Asendab EVS-EN 61701:2002

EVS-EN 62282-3-100:2012

Hind 20,74

Identne EN 62282-3-100:2012

ja identne IEC 62282-3-100:2012

Kütuseelementide kasutamistehnika. Osa 3-100:

Kohtkindlad kütuseelement-energiaallikad. Ohutus

This part of IEC 62282 applies to stationary packaged, self-contained fuel cell power systems or fuel cell power systems comprised of factory matched packages of integrated systems which generate electricity through electrochemical reactions. This standard applies to systems - intended for electrical connection to mains direct, or with a transfer switch, or to a standalone power distribution system; - intended to provide AC or DC power; - with or without the ability to recover useful heat; - intended for operation on the following input fuels
a) natural gas and other methane rich gases derived from renewable (biomass) or fossil fuel sources, for example, landfill gas, digester gas, coal mine gas; b) fuels derived from oil refining, for example, diesel, gasoline, kerosene, liquefied petroleum gases such as propane and butane; c) alcohols, esters, ethers, aldehydes, ketones, Fischer-Tropsch liquids and other suitable hydrogen-rich organic compounds derived from renewable (biomass) or fossil fuel sources, for example, methanol, ethanol, di-methyl ether, biodiesel; d) hydrogen, gaseous mixtures containing hydrogen gas, for example, synthesis gas, town gas. This standard does not cover: micro fuel cell power systems; - portable fuel cell power systems; - propulsion fuel cell power systems.

Keel en

Asendab EVS-EN 62282-3-1:2007

ASENDATUD VÕI TÜHISTATUD STANDARDID

CEN/TS 12977-1:2010

Identne CEN/TS 12977-1:2010

Thermal solar systems and components - Custom built systems - Part 1: General requirements for solar water heaters and combisystems

This Technical Specification specifies requirements on durability, reliability and safety of small and large custom built solar heating and cooling systems with liquid heat transfer medium in the collector loop for residential buildings and similar applications. This document contains also requirements on the design process of large custom built systems.

Keel en

Asendatud EVS-EN 12977-1:2012

CEN/TS 12977-2:2010

Identne CEN/TS 12977-2:2010

Thermal solar systems and components - Custom built systems - Part 2: Test methods for solar water heaters and combisystems

This document (prCEN/TS 12977-2:2008) applies to small and large custom built solar heating systems with liquid heat transfer medium for residential buildings and similar applications, and gives test methods for verification of the requirements specified in prCEN/TS 12977-1. This document includes also a method for thermal performance characterization and system performance prediction of small custom built systems by means of component testing and system simulation. Furthermore, this document contains methods for thermal performance characterization and system performance prediction of large custom built systems. This document applies to the following types of small custom built solar heating systems: - systems for domestic hot water preparation only; - systems for space heating only; - systems for domestic hot water preparation and space heating; - others (e. g. including cooling). This document applies to large custom built solar heating systems, primarily to solar preheat systems, with one or more storage vessels, heat exchangers, piping and automatic controls and with collector array(s) with forced circulation of fluid in the collector loop. This document does not apply to: - systems with a store medium other than water (e.g. phase-change materials); - thermosiphon systems; - integral collector-storage (ICS) systems.

Keel en

Asendatud EVS-EN 12977-2:2012

CEN/TS 12977-4:2010

Identne CEN/TS 12977-4:2010

Thermal solar systems and components - Custom built systems - Part 4: Performance test methods for solar combistores

This document specifies test methods for the performance characterization of stores which are intended for use in small custom built systems as specified in prCEN/TS 12977-1. Stores tested according to this document are commonly used in solar combisystems. However, also the thermal performance of all other thermal stores with water as storage medium (e.g. for heat pump systems) can be assessed according to the test methods specified in this document. This document applies to combisstores with a nominal volume up to 3000 litres and without integrated burner.

Remark: This standard is extensively based on references to prEN 12977-3.

Keel en

Asendatud EVS-EN 12977-4:2012

CEN/TS 12977-5:2010

Identne CEN/TS 12977-5:2010

Thermal solar systems and components - Custom built systems - Part 5: Performance test methods for control equipment

This document (prCEN/TS 12977-5:2008) specifies performance test methods for control equipment. Furthermore this document contains requirements on accuracy, durability and reliability of control equipment. The tests described in prCEN/TS 12977-5 are limited to components delivered with or for the system by the final supplier. For the purposes of this document (prCEN/TS 12977-5) controller and control equipment for solar heating systems and auxiliary heaters, if part of the system, are restricted to: - Controllers as - system clocks, timers and counters, - differential thermostats, - multi-function controllers. - Sensors as - temperature sensors, - irradiance sensors (for short wave radiation), - pressure sensors, - level sensors, - flow meters or - heat meters. - Actuators as - pumps, - solenoid and motor valves or - relays.

Keel en

Asendatud EVS-EN 12977-5:2012

CEN/TS 14825:2003

Identne CEN/TS 14825:2003

Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling - Testing and rating at part load conditions

This Technical Specification covers testing of air conditioners, heat pumps and liquid chilling packages for part load conditions. It specifies the terms, the definitions, the methods for testing and reporting, and the calculation method for the cyclic and compressor reduced capacity. The temperature and system reduced capacities are excluded. This European Standard applies to factory made units defined in EN 14511-1.

Keel en

Asendatud EVS-EN 14825:2012

EVS-EN 12977-3:2008

Identne EN 12977-3:2008

Thermal solar systems and components - Custom built systems - Part 3: Performance test methods for solar water heater stores

This European Standard specifies test methods for the performance characterization of stores which are intended for use in small custom built systems as specified in prCEN/TS 12977-1. Stores tested according to this document are commonly used in solar hot water systems. However, also the thermal performance of all other thermal stores with water as storage medium can be assessed according to the test methods specified in this document. The document applies to stores with a nominal volume between 50 l and 3 000 l. This document does not apply to combistores. Performance test methods for solar combistores are specified in prCEN/TS 12977-4.

Keel en

Asendatud EVS-EN 12977-3:2012

EVS-EN 61701:2002

Identne EN 61701:1999

ja identne IEC 61701:1995

Salt mist corrosion testing of photovoltaic (PV) modules

Determines the resistance of the module to corrosion from salt mist.

Keel en

Asendatud EVS-EN 61701:2012

EVS-EN 62282-3-1:2007

Identne EN 62282-3-1:2007

ja identne IEC 62282-3-1:2007

Kütuseelementide kasutamistehnika. Osa 3-1:

Kohtkindlad kütuseelement-energiaallikad. Ohutus

This part of IEC 62282 is a product safety standard suitable for conformity assessment as stated in IEC Guide 104:1997, ISO/IEC Guide 51:1999 and ISO/IEC Guide 7:1994. This standard applies to stationary packaged, self-contained fuel cell power systems or fuel cell power systems comprised of factory matched packages of integrated systems which generate electricity through electrochemical reactions. This standard applies to: – systems intended for electrical connection to mains direct, or with a transfer switch, or to a stand-alone power distribution system; – systems intended to provide a.c. or d.c. power; – systems with or without the ability to recover useful heat; – systems intended for operation on the following input fuels

Keel en

Asendatud EVS-EN 62282-3-100:2012

KAVANDITE ARVAMUSKÜSITLUS

FprEN 62040-4

Identne FprEN 62040-4:2012

ja identne IEC 62040-4:201X

Tähtaeg 29.06.2012

Uninterruptible power systems (UPS) - Part 4:

Environmental aspects - requirements and reporting

This international product standard specifies the process and requirements to declare the environmental aspects concerning Uninterruptible Power Systems (UPS), with the goal of promoting reduction of any adverse environmental impact during a complete UPS life-cycle. This product standard is harmonized with the applicable generic and horizontal environmental standards and contains additional details relevant to UPS. This standard applies to movable, stationary and/or fixed UPS that deliver single or three-phase fixed frequency a.c. output voltage not exceeding 1000V a.c. and that present, generally through a d.c. link, an energy storage system and specified in IEC 62040 product standards for UPS (part 1 - safety, part 2 - emc and part 3 - test and performance). The following applications are excluded from the scope: - Conventional a.c. input and output distribution boards or d.c. boards and their associated switches (e.g. switches for batteries, rectifier output or inverter input); - Stand-alone static transfer systems (STS) specified in IEC 62310 product standards for STS (part 1 - safety, part 2 - emc and part 3 - test and performance) - Systems wherein the output voltage is derived from a rotating machine

Keel en

FprEN 62116

Identne FprEN 62116:2012
ja identne IEC 62116:201X
Tähtaeg 29.06.2012

Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters

The purpose of this International Standard is to provide a test procedure to evaluate the performance of islanding prevention measures used with utility-interconnected PV systems. This standard describes a guideline for testing the performance of automatic islanding prevention measures installed in or with single or multi-phase utility interactive PV inverters connected to the utility grid. The test procedure and criteria described are minimum requirements that will allow repeatability. Additional requirements or more stringent criteria may be specified if demonstrable risk can be shown. Inverters and other devices meeting the requirements of this standard are considered non-islanding as defined in IEC 61727. This standard may be applied to other types of utility-interconnected systems (e.g. inverterbased microturbine and fuel cells, induction and synchronous machines). However, technical review may be necessary for other than inverter-based PV systems.

Keel en

Asendab EVS-EN 62116:2011

FprEN 62586-1

Identne FprEN 62586-1:2012
ja identne IEC 62586-1:201X
Tähtaeg 29.06.2012

Power quality measurement in power supply systems - Part 1: Power Quality Instruments (PQI)

This standard specifies product and performance requirements for instruments whose functions include measuring, recording and possibly monitoring Power Quality parameters in power supply systems, and whose measuring methods (class A or class S) are defined in IEC 61000-4-30. These requirements are applicable in single, dual- (split phase) and 3-phase a.c. power supply systems at 50 Hz or 60 Hz. These instruments can be used: - in the generation, transmission & distribution of electricity, e.g. inside a power station, substation or a distributed generator connection. - at the interface point between the installation and the network, e.g. in order to check the compliance of the connection agreement between a network operator and the customer. NOTE – These instruments might be also used for other applications, e.g. inside commercial / industrial installations especially where comparable measurements are needed, (i.e. data centers or petrochemical plants). These instruments are fixed-installed or portable. They are intended to be used indoors and/or outdoors. Devices such as digital fault recorders, energy/power meters, protection relays or circuit breakers may include Power Quality functions defined in 61000-4-30 class A or class S. If these devices are specified according to this standard, then this standard shall fully apply and shall apply in addition to the relevant product standard. This standard does not replace the relevant product standard.

Keel en

FprEN 62586-2

Identne FprEN 62586-2:2012
ja identne IEC 62586-2:201X
Tähtaeg 29.06.2012

Power quality measurement in power supply systems - Part 2: Functional tests and uncertainty requirements

This standard specifies functional tests and uncertainty requirements for instruments whose functions include measuring, recording, and possibly monitoring power quality parameters in power supply systems, and whose measuring methods (class A or class S) are defined in IEC 61000-4-30. This standard applies to power quality instruments complying with IEC 62586-1. This standard may also be referred to by other product standards (e.g. digital fault recorders, revenue meters, MV or HV protection relays) specifying devices embedding class A or class S power quality functions according to IEC 61000-4-30. These requirements are applicable in single, dual- (split phase) and 3-phase a.c. power supply systems at 50 Hz or 60 Hz.

Keel en

prEN ISO 9806

Identne prEN ISO 9806:2012
ja identne ISO/DIS 9806:2012
Tähtaeg 29.06.2012

Solar energy - Solar thermal collectors - Test methods (ISO/DIS 9806:2012)

This International Standard specifies test methods for validating the durability, reliability and safety requirements for fluid heating collectors as specified in EN 12975-1. This International Standard also includes four test methods for the thermal performance characterization of fluid heating collectors. These are steadystate and quasi-dynamic thermal performance of glazed and unglazed liquid heating solar collectors and steady-state thermal performance of glazed and unglazed air heating solar collectors. Performance dependency on flow rate is only included for air heating collectors. This International Standard is not applicable to those collectors in which the thermal storage unit is an integral part of the collector to such an extent that the collection process cannot be separated from the storage process for the purpose of making measurements of these two processes. It is also applicable to thermal-electrical hybrid collectors, so called PVT collectors; however it does not cover electrical safety or other specific properties related to the PV part of these collectors. Collectors that are custom built (built in; e.g. roof integrated collectors that do not compose of factory made modules and are assembled directly on the place of installation) cannot be tested in their actual form for durability, reliability and thermal performance according to this International Standard. Specific size requirements are therefore to be followed when testing these collector types and the test is valid only for larger collectors than the tested module.

Keel en

Asendab EVS-EN 12975-2:2006

29 ELEKTROTEHNIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 50388:2012

Hind 17,08

Identne EN 50388:2012

Raudteelased rakendused. Energiavarustus ja veerevkoosseis. Energiavarustuse (alajaama) ja veerevkoosseisu vahelise koostalitusvõime saavutamise kooskõlastatud tehnilised tingimused

This European Standard establishes requirements for the compatibility of rolling stock with infrastructure particularly in relation to: - co-ordination of protection principles between power supply and traction units, especially fault discrimination for short-circuits; - co-ordination of installed power on the line and the power demand of trains; - co-ordination of traction unit regenerative braking and power supply receptivity; - co-ordination of harmonic behaviour. This European Standard deals with the definition and quality requirements of the power supply at the interface between traction units and fixed installations. This European Standard specifies the interface between rolling stock and electrical fixed installations for traction, in respect of the power supply system. The interaction between pantograph and overhead contact line is dealt with in EN 50367. The interaction with the "control-command" subsystem (especially signalling) is not dealt with in this standard. Requirements are given for TSI lines (both high speed and conventional) and classical lines. For classical lines, values, where given, are for the existing European networks. Furthermore the maximum values that are specified are applicable to the foreseen developments of the infrastructure of the Trans European rail networks. The following electric traction systems are within scope: - railways; - guided mass transport systems that are integrated with railways; - material transport systems that are integrated with railways. This European Standard does not apply retrospectively to rolling stock already in service. Information is given on electrification parameters such as to enable train operating companies to confirm, after consultation with the rolling stock manufacturers, that there will be no consequential disturbance on the electrification system.

Keel en

Asendab EVS-EN 50388:2005; EVS-EN 50388:2005/AC:2010

EVS-EN 50550:2011/AC:2012

Hind 0

Identne EN 50550:2011/AC:2012

Kaitseade tööstussageduslike liigpingete eest majapidamis- ja muudele taoliste paigaldistele

Keel en

EVS-EN 60061-1:2001+A47:2012

Hind 31,07

Identne EN 60061-1:1993+A1-A3:1995+A4-A6:1996+A7:1997+A21:1998+A22,A23:1999+A24:2004+A25-A27:2001+A28-A30:2002+A31-A33:2003+A34:2004+A35,A36:2005+A37:2006+A38,A39:2007+A40:2008+A41,A42:2009+A43,A44,A45,A46:2011+A47:2012

ja identne IEC 60061-1 (DB)

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

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

Keel en

Asendab EVS-EN 60061-1:2001+A46:2011; EVS-EN 60061-1:2001/A45:2011; EVS-EN 60061-1:2001/A46:2011; EVS-EN 60061-1:2001+A44:2011

EVS-EN 60061-1:2001/A47:2012

Hind 10,19

Identne EN 60061-1:1993/A47:2012

ja identne IEC 60061-1:1969/A47:2011

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

EVS-EN 60544-5:2012

Hind 10,9

Identne EN 60544-5:2012

ja identne IEC 60544-5:2011

Electrical insulating materials - Determination of the effects of ionizing radiation - Part 5: Procedures for assessment of ageing in service

This part of IEC 60544 covers ageing assessment methods which can be applied to components based on polymeric materials (e.g. cable insulation and jackets, elastomeric seals, polymeric coatings, gaiters) which are used in environments where they are exposed to radiation. The object of this standard is aimed at providing methods for the assessment of ageing in service. The approaches discussed in the following clauses cover ageing assessment programmes based on condition monitoring (CM), the use of sample deposits in severe environments and sampling of real-time aged components.

Keel en

Asendab EVS-EN 60544-5:2003

EVS-EN 60598-2-18:2003/A1:2012

Hind 4,79

Identne EN 60598-2-18:1994/A1:2012

ja identne IEC 60598-2-18:1993/A1:2011

Luminares - Part 2: Particular requirements - Section 18: Luminaires for swimming pools and similar applications

Specifies requirements for fixed luminaires intended for use in water, or in contact with water, for examples in swimming pools, fountains, paddling pools, and garden pools, and for use with tungsten filament lamps.

Keel en

EVS-EN 60669-2-6:2012

Hind 12,51

Identne EN 60669-2-6:2012

ja identne IEC 60669-2-6:2012

Switches for household and similar fixed electrical installations - Part 2-6: Particular requirements - Fireman's switches for exterior and interior signs and luminaires

This part of IEC 60669 is applicable to fireman's switches used for the breaking of the lowvoltage circuits for exterior and interior signs and luminaires e.g. neon signs for a.c. only with a rated voltage not exceeding 440 V and a rated current not exceeding 125 A. NOTE 101 In the following countries, the rated voltage for the signs and luminous-discharge-tube installations is higher than 1 kV but lower than 10 kV and these should be in accordance with EN 50107 series: all CENELEC countries. Replacement of the 6th paragraph and Note 6 by the following paragraph and new notes: Fireman's switches complying with this standard are suitable for use between -25 °C and +70 °C. NOTE 102 Fireman's switches are designed for overvoltage category III and used in environment of pollution degree 2 according to IEC 60664-1. NOTE 103 In the following country installation rules and/or laws may require different protection switching devices in order to comply with the function given in the scope of this standard: IT.

Keel en

Asendab EVS-EN 50425:2008

EVS-EN 60865-1:2012

Hind 18

Identne EN 60865-1:2012

ja identne IEC 60865-1:2011

Short-circuit currents - Calculation of effects - Part 1: Definitions and calculation methods

This part of IEC 60865 is applicable to the mechanical and thermal effects of short-circuit currents. It contains procedures for the calculation of - the electromagnetic effect on rigid conductors and flexible conductors, - the thermal effect on bare conductors. For cables and insulated conductors, reference is made, for example, to IEC 60949 and IEC 60986. For the electromagnetic and thermal effects in d.c. auxiliary installations of power plants and substations reference is made to IEC 61660-2. Only a.c. systems are dealt with in this standard. The following points should, in particular, be noted: a) The calculation of short-circuit currents should be based on IEC 60909. For the determination of the greatest possible short-circuit current, additional information from other IEC standards may be referred to, e.g. details about the underlying circuitry of the calculation or details about current-limiting devices, if this leads to a reduction of the mechanical stress. b) Short-circuit duration used in this standard depends on the protection concept and should be considered in that sense. c) These standardized procedures are adjusted to practical requirements and contain simplifications which are conservative. Testing or more detailed methods of calculation or both may be used. d) In Clause 5 of this standard, for arrangements with rigid conductors, only the stresses caused by short-circuit currents are calculated. Furthermore, other stresses can exist, e.g. caused by dead-load, wind, ice, operating forces or earthquakes. The combination of these loads with the short-circuit loading should be part of an agreement and/or be given by standards, e.g. erection-codes. The tensile forces in arrangements with flexible conductors include the effects of deadload. With respect to the combination of other loads the considerations given above are valid. e) The calculated loads are design loads and should be used as exceptional loads without any additional partial safety factor according to installation codes of, for example, IEC 61936-1 [1].

Keel en

Asendab EVS-EN 60865-1:2003

EVS-EN 60947-3:2009/A1:2012

Hind 8,01

Identne EN 60947-3:2009/A1:2012

ja identne IEC 60947-3:2008/A1:2012

Madalpingelised lülitus- ja juhtimisaparaadid. Osa 3: Koormuslülitid, lahkülitid, koormus-lahklülitid, sulavkaitsmekombinatsioonid

This part of IEC 60947 applies to switches, disconnectors, switch-disconnectors and fuse-combination units to be used in distribution circuits and motor circuits of which the ratedvoltage does not exceed 1 000 V a.c. or 1 500 V d.c. The manufacturer shall specify the type, ratings and characteristics according to the relevant standard of any incorporated fuses. This part does not apply to equipment coming within the scope of IEC 60947-2, IEC 60947-4-1 and IEC 60947-5-1; however, when switches and fuse-combination units coming into the scope of this part are normally used to start, accelerate and/or stop an individual motor they shall also comply with the additional requirements given in Annex A.

Keel en

EVS-EN 61008-1:2004/A13:2012

Hind 4,79

Identne EN 61008-1:2004/A13:2012

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

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, for rated voltages not exceeding 440 V a.c. and rated currents not exceeding 125 A, intended principally for protection against shock hazard. This part includes definitions, requirements and tests, covering all types of RCCBs.

Keel en

Asendatud FprEN 61008-1

EVS-EN 61009-1:2004/A14:2012

Hind 4,79

Identne EN 61009-1:2004/A14:2012

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

Includes definitions, requirements and tests covering all types of RCBOs for rated voltages not exceeding 440 V a.c., rated currents not exceeding 125 A and rated short-circuit capacities not exceeding 25 000 A.

Keel en

EVS-EN 61340-4-4:2012

Hind 15,4

Identne EN 61340-4-4:2012

ja identne IEC 61340-4-4:2012

Electrostatics - Part 4-4: Standard test methods for specific applications - Electrostatic classification of flexible intermediate bulk containers (FIBC)

This part of IEC 61340 specifies requirements for flexible intermediate bulk containers (FIBC) between 0,25 m³ and 3 m³ in volume, intended for use in hazardous explosive atmospheres. The explosive atmosphere may be created by the contents in the FIBC or may exist outside the FIBC. The requirements include: - classification and labelling of FIBC; - classification of inner liners; - specification of test methods for each type of FIBC and inner liner; - design and performance requirements for FIBC and inner liners; - safe use of FIBC (including those with inner liners) within different zones defined for explosion endangered environments, described for areas where combustible dusts are, or may be, present (IEC 60079-10-2), and for explosive gas atmospheres (IEC 60079-10-1); - procedures for type qualification and certification of FIBC, including the safe use of inner liners.

Keel en

Asendab EVS-EN 61340-4-4:2005

EVS-EN 61915-2:2012

Hind 15,4

Identne EN 61915-2:2012

ja identne IEC 61915-2:2011

Low-voltage switchgear and controlgear - Device profiles for networked industrial devices - Part 2: Root device profiles for starters and similar equipment

This part of IEC 61915 specifies root device profiles as defined by IEC 61915-1 for starters and similar equipment covered by the following product standards: - electromechanical contactors and motor-starters (IEC 60947-4-1), - AC semiconductor motor controllers and starters (IEC 60947-4-2), - AC semiconductor controllers and contactors for non-motor loads (IEC 60947-4-3), - control and protective switching devices (or equipment) (CPS) (IEC 60947-6-2), - control units for built-in thermal protection (PTC) for rotating electrical machines (IEC 60947-8).

Keel en

EVS-EN 61936-1:2010/AC:2012

Hind 0

Identne EN 61936-1:2010/AC:2012

Tugevvoolupaigaldised nimivahelduvpingega üle 1 kV. Osa 1: Üldnõuded

Keel en

EVS-EN 62561-7:2012

Hind 9,49

Identne EN 62561-7:2012

ja identne IEC 62561-7:2011

Lightning Protection System Components (LPSC) - Part 7: Requirements for earthing enhancing compounds

This Part 7 of IEC 62561 specifies the requirements and tests for earthing enhancing compounds producing low resistance of an earth termination system.

Keel en

Asendab EVS-EN 50164-7:2008

EVS-EN 62639:2012

Hind 19,05

Identne EN 62639:2012

ja identne IEC 62639:2012

Fluorescent induction lamps - Performance specification

This International Standard specifies the performance requirements for fluorescent induction lamps for general lighting purposes. In this standard, the term "lamp" stands for "induction lamp". It may be expected that lamps which comply with this standard will start and operate satisfactorily at voltages between 92 % and 106 % of rated supply voltage and at an ambient air temperature between 10 °C and 50 °C, when operated with ballasts complying with IEC 60929 and IEC 61347-2-3, as far as applicable, and in a luminaire complying with IEC 60598-1.

Keel en

EVS-EN 60296:2012

Hind 11,67

Identne EN 60296:2012

ja identne IEC 60296:2012

Fluids for electrotechnical applications - Unused mineral insulating oils for transformers and switchgear

This International Standard is applicable to specifications and test methods for unused mineral insulating oils (see Clause 3 for definitions). It applies to oil delivered to the agreed point and time of delivery, intended for use in transformers, switchgear and similar electrical equipment in which oil is required for insulation and heat transfer. These oils are obtained by refining, modifying and/or blending of petroleum products and other hydrocarbons. Oils with and without additives are both within the scope of this standard. This standard is applicable only to unused mineral insulating oils. Recycled oils are beyond the scope of this standard.

NOTE Definitions and specifications for recycled oils will be covered by IEC 627011. This standard does not apply to mineral insulating oils used as impregnants in cables or capacitors.

Keel en

Asendab EVS-EN 60296:2004

EVS-HD 60364-7-722:2012

Hind 8,01

Identne HD 60364-7-722:2012

Low voltage electrical installations - Part 7-722: Requirements for special installations or locations - Supply of electric vehicle

The particular requirements contained in this part of HD 60364 apply to: - circuits intended to supply electric vehicles for charging purposes; - protection for safety when feeding back electricity from the electric vehicles into the private and public supply network. Inductive charging is not covered. Electrical vehicles charging modes 3 and 4, as defined in EN 61851, require dedicated supply and charging equipment incorporating control and communication circuits (see EN 61851). Modes 1 and 2, as defined in EN 61851, can be achieved by connection of an electric vehicle to mains socket outlets.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 13032-1:2004

Identne EN 13032-1:2004+AC:2005

Valgus ja valgustus. Lampide ja valgustite fotomeetriliste andmete mõõtmine ja esitamine. Osa 1: Mõõtmine ja failiformaat

Käesolev Euroopa standard kehtestab valgustuses kasutatavate peamiste fotomeetriliste andmete mõõtmiste üldpõhimõtted. Standard kehtestab mõõtmiskriteeriumid peamiste fotomeetriliste andmete standardiseerimiseks ja detailse CENi failiformaadi andmete elektrooniliseks edastamiseks. Käesolev dokument on mitmeosalise standardi esimene osa. Esimeses osas käsitletakse põhilisi fotomeetrilisi mõõtmisi ja failiformaati. Teistes osades käsitletakse lampide ja valgustite andmeid sõltuvalt nende rakendusala.

Keel et

Asendatud EVS-EN 13032-1:2004+A1:2012

EVS-EN 50379-1:2004

Identne EN 50379-1:2004

Specification for portable electrical apparatus designed to measure combustion flue gas parameters of heating appliances - Part 1: General requirements and test methods

This European Standard covers apparatus for measuring gas concentrations and other combustion parameters, as used in the installation and maintenance of heating appliances. Such apparatus may be used for testing the performance of appliances for different types of fuels, either by the installer, maintenance engineer or inspector. The apparatus may consist of different functional modules, which may be tested separately for complying with this standard and will be combined in different ways according to the different applications. The apparatus shall comply with requirements as specified in EN 50379-2 and/or EN 50379-3. This European Standard specifies general requirements for the construction, testing and performance of portable spot reading apparatus designed to give an assessment of specific combustion flue gas parameters, such as concentration of gaseous compounds, temperature and/or pressure, to check the combustion performance of heating appliances for domestic residential and commercial applications, using

Keel en

Asendatud EVS-EN 50379-1:2012

EVS-EN 50388:2005

Identne EN 50388:2005

Raudteealased rakendused. Energiavarustus ja veerevkoosseis. Energiavarustuse (alajaama) ja veerevkoosseisu vahelise koostalituvõime saavutamise kooskõlastatud tehnilised tingimused

This European Standard is intended to be used to set up the requirements for the acceptance of rolling stock on infrastructure in the field of: - co-ordination of protection principles between power supply and traction units, especially fault discrimination for short-circuits; - co-ordination of installed power on the line and power demand of the trains; - co-ordination of traction unit regenerative braking and power supply receptivity; - co-ordination of harmonic behaviour.

Keel en

Asendatud prEN 50388; EVS-EN 50388:2012

EVS-EN 50388:2005/AC:2010

Identne EN 50388:2005

Raudteealased rakendused. Energiavarustus ja veerevkoosseis. Energiavarustuse (alajaama) ja veerevkoosseisu vahelise koostalituvõime saavutamise kooskõlastatud tehnilised tingimused

Keel en

Asendatud EVS-EN 50388:2012

EVS-EN 50425:2008

Identne EN 50425:2008

Majapidamis- ja muude taoliste kohtkindlate elektripaigaldiste lülitid. Kollateraalsandard. Välis- ja sisemärkide ja -valgustite tuletõrjelülitid

This collateral standard applies to fireman's switches used for the breaking of the low voltage circuits for exterior and interior signs and luminaires e.g. neon signs for a.c. only with a rated voltage not exceeding 440 V and a rated current not exceeding 125 A.

Keel en

Asendatud EVS-EN 60669-2-6:2012

EVS-EN 60061-1:2001/A45:2011

Identne EN 60061-1:1993/A45:2011
ja identne IEC 60061-1:1969/A45:2011

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

Asendatud EVS-EN 60061-1:2001+A47:2012

EVS-EN 60061-1:2001+A46:2011

Identne EN 60061-1:1993+A1-A3:1995+A4-A6:1996+A7:1997+A21:1998+A22,A23:1999+A24:2004+A25-A27:2001+A28-A30:2002+A31-A33:2003+A34:2004+A35,A36:2005+A37:2006+A38,A39:2007+A40:2008+A41,A42:2009+A43,A44,A45,A46:2011
ja identne IEC 60061-1 (DB)

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

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

Keel en

Asendab EVS-EN 60061-1:2001/A43:2011; EVS-EN 60061-1:2001+A44:2011; EVS-EN 60061-1:2001/A44:2011

Asendatud EVS-EN 60061-1:2001+A47:2012

EVS-EN 60061-1:2001/A46:2011

Identne EN 60061-1:1993/A46:2011
ja identne IEC 60061-1:1969/A46:2011

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

Asendatud EVS-EN 60061-1:2001+A47:2012

EVS-EN 60296:2004

Identne EN 60296:2004
ja identne IEC 60296:2003

Fluids for electrotechnical applications – Unused mineral insulating oils for transformers and switchgear

Covers specifications and test methods for unused mineral insulating oils. It applies to oil delivered to the agreed point and time of delivery, intended for use in transformers, switchgear and similar electrical equipment in which oil is required as an insulant and for heat transfer. These oils are obtained by distillation and refining of crude petroleum. Oils with and without additives are both within the scope of this standard. This standard is applicable only to unused mineral insulating oils. Reclaimed oils are beyond the scope of this standard. This standard does not apply to mineral oils used as impregnants in cables or capacitors. NOTE Mineral insulating oils complying with the requirements of this standard, of the same class and containing no additives (see 3.4), are considered to be compatible with one another and can be mixed in any proportion. This does not apply to oils containing additives. Where the user wishes to mix such oils, a check is recommended to be made to ensure that the mixture meets the requirements of this standard. Main changes with regard to previous edition include: the three classes of previous edition have been replaced by only two: transformer oil and low temperature switchgear oil, but a new concept, the lowest cold start energizing temperature, has been included; new properties have been added (i.e. charging tendency); values for properties have been revised.

Keel en

Asendatud EVS-EN 60296:2012

EVS-EN 60865-1:2003

Identne EN 60865-1:1993
ja identne IEC 60865-1:1993

Short-circuit currents - Calculation of effects - Part 1: Definitions and calculation methods

Contains standardized procedures for the calculation of the effects of short-circuit currents in two sections as follows: - the electromagnetic effect on rigid conductors and flexible conductors; the thermal effect on bare conductors. Only a.c. systems for rated voltages up to and including 420 kV are dealt with.

Keel en

Asendatud EVS-EN 60865-1:2012

EVS-EN 61241-17:2005

Identne EN 61241-17:2005
ja identne IEC 61241-17:2005

Electrical apparatus for use in the presence of combustible dust Part 17: Inspection and maintenance of electrical installations in hazardous areas (other than mines)

This part of EN 61241 is intended to be applied by users and covers factors directly related to the inspection and maintenance of electrical installations within hazardous areas only. It does not include conventional requirements for electrical installations, nor the testing and certification of electrical apparatus. This standard supplements the requirements laid down in EN 60364-6-61. NOTE: The text is based on EN 60079-17

Keel en

Asendab EVS-EN 50281-1-2:2001; EVS-EN 50281-1-2:2001/A1:2003

Asendatud EVS-EN 60079-17:2007

EVS-EN 61340-4-4:2005

Identne EN 61340-4-4:2005

ja identne IEC 61340-4-4:2005

Electrostatics Part 4-4: Standard test methods for specific applications – Electrostatic classification of flexible intermediate bulk containers (FIBC)

Describes procedures for evaluating the ignition risk presented by electrostatic discharges from FIBC to flammable or explosive environments. The requirements of this standard are applicable to all types of FIBC, tested as manufactured, prior to usage, intended for use without liners in flammable or explosive environments with minimum ignition energy of more than 0,14 mJ, and where the charging currents do not exceed 3,0 A. NOTE 0,14 mJ is the minimum ignition energy normally quoted for methanol.

Keel en

Asendatud EVS-EN 61340-4-4:2012

KAVANDITE ARVAMUSKÜSITLUS

FprEN 60079-31

Identne FprEN 60079-31:2012

ja identne IEC 60079-31:201X

Tähtaeg 29.06.2012

Plahvatusohtlikud keskkonnad. Osa 31: Seadmete kaitse tolmsüttimise eest ümbrisega "t"

This part of IEC 60079 is applicable to electrical equipment protected by enclosure and surface temperature limitation for use in explosive dust atmospheres. It specifies requirements for design, construction and testing of electrical equipment. This standard supplements and modifies the general requirements of IEC 60079-0. Where a requirement of this standard conflicts with a requirement of IEC 60079-0, the requirement of this standard takes precedence. This standard does not apply to dusts of explosives, which do not require atmospheric oxygen for combustion, or to pyrophoric substances. This standard does not apply to electrical equipment intended for use in underground parts of mines as well as those parts of surface installations of such mines endangered by firedamp and/or combustible dust. This standard does not take account of any risk due to an emission of flammable or toxic gas from the dust.

Keel en

Asendab EVS-EN 60079-31:2010

FprEN 60127-7

Identne FprEN 60127-7:2012

ja identne IEC 60127-7:201X

Tähtaeg 29.06.2012

Miniature fuses - Part 7: Miniature fuse-links for special applications

This part of IEC 60127 covers requirements for miniature fuse-links for special applications. It does not apply to miniature fuse-links for appliances intended to be used under special conditions, such as in corrosive or explosive atmospheres. This standard applies in addition to the requirements of IEC 60127-1. This standard is applicable to fuse-links with a rated voltage not exceeding 1000 V, a rated current not exceeding 20 A and a rated breaking capacity not exceeding 50 kA. Miniature fuse-links for special applications are not intended to be replaced by the end-user of an electrical / electronic appliance. The object of this standard is to establish uniform test methods for miniature fuse-links for special applications, so as to allow verification of the values (for example melting time and breaking capacity values) specified by the manufacturer.

Keel en

FprEN 60216-1

Identne FprEN 60216-1:2012

ja identne IEC 60216-1:201X

Tähtaeg 29.06.2012

Electrical insulating materials - Thermal endurance properties - Part 1: Ageing procedures and evaluation of test results

This part of IEC 60216 specifies the general ageing conditions and procedures to be used for deriving thermal endurance characteristics and gives guidance in using the detailed instructions and guidelines in the other parts of the standard. Although originally developed for use with electrical insulating materials and simple combinations of such materials, the procedures are considered to be of more general applicability and are widely used in the assessment of materials not intended for use as electrical insulation. In the application of this standard, it is assumed that a practically linear relationship exists between the logarithm of the time required to cause the predetermined property change and the reciprocal of the corresponding absolute temperature (Arrhenius relationship). For the valid application of the standard, no transition, in particular no first-order transition should occur in the temperature range under study. Throughout the rest of this standard the term "insulating materials" is always taken to mean "insulating materials and simple combinations of such materials".

Keel en

Asendab EVS-EN 60216-1:2003

FprEN 60317-46

Identne FprEN 60317-46:2012
 ja identne IEC 60317-46:201X
 Tähtaeg 29.06.2012

**Specifications for particular types of winding wires -
 Part 46: Aromatic polyimide enamelled round copper
 wire, class 240**

This part of IEC 60317 specifies the requirements of enamelled round copper winding wire of class 240 with a sole coating of aromatic polyimide resin. The range of nominal conductor diameters covered by this standard is: - grade 1: 0,020 mm up to and including 2,000 mm; - grade 2: 0,020 mm up to and including 5,000 mm. The nominal conductor diameters are specified in clause 4 of IEC 60317-0-1

Keel en

Asendab EVS-EN 60317-46:2002

FprEN 60317-47

Identne FprEN 60317-47:2012
 ja identne IEC 60317-47:201X
 Tähtaeg 29.06.2012

**Specifications for particular types of winding wires -
 Part 47: Aromatic polyimide enamelled rectangular
 copper wire, class 240**

This part of IEC 60317 specifies the requirements of enamelled rectangular copper winding wire of class 240 with a sole coating of aromatic polyimide resin. The range of nominal conductor dimensions covered by this standard is: - width: min. 2,0 mm max. 16,0 mm; - thickness: min. 0,80 mm max. 5,60 mm. Wires of grade 1 and grade 2 are included in this specification and apply to the complete range of conductors. The specified combinations of width and thickness, as well as the specified width / thickness ratio, are given in IEC 60317-0-2.

Keel en

Asendab EVS-EN 60317-47:2002

FprEN 60317-55

Identne FprEN 60317-55:2012
 ja identne IEC 60317-55:201X
 Tähtaeg 29.06.2012

**Specifications for particular types of winding wires -
 Part 55: Solderable polyurethane enamelled round
 copper wire overcoated with polyamide, Class 180**

This part of IEC 60317 specifies the requirements of solderable enamelled round copper winding wire of class 180 with a dual coating. The underlying coating is based on polyurethane resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements. The superimposed coating is based on polyamide resin. NOTE A modified resin is a resin that has undergone a chemical change, or contains one or more additives to enhance certain performance or application characteristics. The range of nominal conductor diameters covered by this standard is as follows: - Grade 1: 0.020 mm up to and including 1,600 mm; - Grade 2: 0.020 mm up to and including 1,600 mm. The nominal conductor diameters are specified in Clause 4 of IEC 60317-0-1.

Keel en

Asendab EVS-EN 60317-55:2008

FprEN 60432-3

Identne FprEN 60432-3:2012
 ja identne IEC 60432-3:201X
 Tähtaeg 29.06.2012

**Hõõglambid. Ohutusnõuded. Osa 3:
 Halogeenhõõglambid (mitte sõidukilambid)**

This part of IEC 60432 specifies the safety requirements for single-capped and double-capped tungsten halogen lamps, having rated voltages of up to 250 V, used for the following applications: - projection (including cinematograph and still projection), - photographic (including studio), - floodlighting, - special purpose, - general purpose, - stage lighting. This International Standard does not apply to general purpose single-capped tungsten halogen lamps, covered by IEC 60432-2, that are used as replacement for conventional tungsten filament lamps.

Keel en

Asendab EVS-EN 60432-3:2003; EVS-EN 60432-3:2003/A1:2006; EVS-EN 60432-3:2003/A2:2008

FprEN 60684-3-214

Identne FprEN 60684-3-214:2012
 ja identne IEC 60684-3-214:201X
 Tähtaeg 29.06.2012

**Flexible insulating sleeving - Part 3: Specifications
 for individual types of sleeving - Sheet 214: Heat-
 shrinkable, polyolefin sleeving, not flame retarded,
 thick and medium wall**

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

Keel en

Asendab EVS-EN 60684-3-214:2010

FprEN 60695-9-1

Identne FprEN 60695-9-1:2012
ja identne IEC 60695-9-1:201X
Tähtaeg 29.06.2012

Fire hazard testing - Part 9-1: Surface spread of flame - General guidance

This part of IEC 60695 provides guidance for the assessment of surface spread of flame for electrotechnical products and the materials from which they are formed. It provides: - an explanation of the principles of flame spread for both liquids and solids, - guidance for the selection of test methods, - guidance on the use and interpretation of test results, and - informative references. This basic safety publication is intended for use by technical committees in the preparation of standards in accordance with the principles laid down in IEC Guide 104 and ISO/IEC Guide 51. One of the responsibilities of a technical committee is, wherever applicable, to make use of basic safety publications in the preparation of its publications. The requirements, test methods or test conditions of this basic safety publication will not apply unless specifically referred to or included in the relevant publications.

Keel en

Asendab EVS-EN 60695-9-1:2005

FprEN 60947-5-3

Identne FprEN 60947-5-3:2012
ja identne IEC 60947-5-3:201X
Tähtaeg 29.06.2012

Low-voltage switchgear and controlgear - Part 5-3: Control circuit devices and switching elements - Requirements for proximity devices with defined behaviour under fault conditions (PDDB)

This document provides additional requirements to those given in IEC 60947-5-2. It addresses the fault performance aspects of proximity devices with a defined behaviour under fault conditions (PDDB). It does not address any other characteristics that can be required for specific applications. This standard does not cover proximity devices with analogue output. For a PDDB used in applications where additional characteristics, dealt with in other standards, are required, it will be necessary to satisfy the requirements of all relevant standards. The use of this standard alone does not demonstrate suitability for the implementation of any specific safety related functionality. In particular, this standard does not provide requirements for the actuation characteristics of a PDDB, or for means to reduce the effects of mutual interference between devices, e.g. coded targets. Therefore these and any other application specific requirements will need to be considered in addition to the requirements of this standard.

Keel en

Asendab EVS-EN 60947-5-3:2001; EVS-EN 60947-5-3:2001/A1:2005

FprEN 61788-5

Identne FprEN 61788-5:2012
ja identne IEC 61788-5:201X
Tähtaeg 29.06.2012

Superconductivity - Part 5: Matrix to superconductor volume ratio measurement - Copper to superconductor volume ratio of Cu/Nb-Ti composite superconducting wires

This part of IEC 61788 covers a test method for the determination of copper to superconductor volume ratio of Cu/Nb-Ti composite superconducting wires. This test method and the alternate method in Annex A are intended for use with Cu/Nb-Ti composite superconducting wires with a cross-sectional area of 0,1 [mm²] to 3 [mm²], a diameter of the Nb-Ti filament(s) of 2 [µm] to 200 [µm], and a copper to superconductor volume ratio of 0,5 or more. The Cu/Nb-Ti composite test conductor discussed in this method has a monolithic structure with a round or rectangular cross-section. This test method is carried out by dissolving the copper with nitric acid. Deviations from this test method that are allowed for routine tests and other specific restrictions are given in this standard. Cu/Nb-Ti composite superconducting wires beyond the limits in the cross-sectional area, the filament diameter and the copper to superconductor volume ratio could be measured with this present method with an anticipated reduction of uncertainty. Other, more specialized, specimen test geometries may be more appropriate for conductors beyond the limits and have been omitted from this present standard for simplicity and to retain low uncertainty. The test method given in this standard is expected to apply to other superconducting composite wires after some appropriate modifications.

Keel en

Asendab EVS-EN 61788-5:2002

FprEN 61788-12

Identne FprEN 61788-12:2012
ja identne IEC 61788-12:201X
Tähtaeg 29.06.2012

Superconductivity - Part 12: Matrix to superconductor volume ratio measurement - Copper to non-copper volume ratio of Nb₃Sn composite superconducting wires

This standard describes the test method for determining the copper to non-copper volume ratio of Cu/Nb₃Sn wires. The test method given hereunder is applicable to Nb₃Sn composite superconducting wires with a cross-sectional area of 0,1 [mm²] to 3,0 [mm²] and a copper to non-copper volume ratio of 0,1 or more. It does not make any reference to the filament diameter; however, it is not applicable to those superconducting wires with their filament, Sn, Cu-Sn alloy, barrier material and other non-copper portions dispersed in the copper matrix or those with the stabilizer dispersed. Furthermore, the copper to non-copper volume ratio can be determined on specimens before or after the Nb₃Sn formation heat treatment process. The Cu/Nb₃Sn wire has a monolithic structure with a round or rectangular cross-section. Though uncertainty increases, this method may be applicable to the measurement of the copper to non-copper volume ratio of the Cu/Nb₃Sn wires whose cross-section and copper to non-copper volume ratio fall outside the specified ranges. This test method may be applied to other composite superconducting wires after some appropriate modifications.

Keel en

Asendab EVS-EN 61788-12:2003

FprEN 61869-4

Identne FprEN 61869-4:2012
 ja identne IEC 61869-4:201X
 Tähtaeg 29.06.2012

Instrument transformers - Part 4: Combined transformers

This part of IEC 61869 applies to new combined transformers for use with electrical 186 measuring instruments and electrical protective devices at frequencies from 15 Hz to 100 Hz. 187 The requirements and tests of this standard, in addition to the requirements and tests of 188 IEC 61869-1, IEC 61869-2, IEC 61869-3 and IEC 61869-5 cover current, inductive voltage 189 and capacitor voltage transformers, that are necessary for combined instrument transformers.

Keel en

Asendab EVS-EN 60044-3:2003

FprEN 62271-4

Identne FprEN 62271-4:2012
 ja identne IEC 62271-4:201X
 Tähtaeg 29.06.2012

High-voltage switchgear and controlgear - Part 4: Handling procedures for sulphur hexafluoride (SF6)

This part of IEC 62271 applies to the procedures for handling of SF6 during installation, commissioning, normal and abnormal operations, disposal at the end-of-life of high-voltage switchgear and controlgear. These procedures should be regarded as minimum requirements to ensure the safety of personnel working with SF6 (see Annex B) and to minimize the SF6 emission to the environment. This standard generally applies also to gas mixtures containing SF6.

Keel en

Asendab CLC/TR 62271-303:2009

FprEN 62271-112

Identne FprEN 62271-112:2012
 ja identne IEC 62271-112:201X
 Tähtaeg 29.06.2012

High-voltage switchgear and controlgear - Part 112: Alternating current high-speed earthing switches for secondary arc extinction on transmission lines

This part of IEC 62271 applies to a.c. high-speed earthing switches designed for indoor and outdoor installation and for operation at service frequencies of 50 Hz and 60 Hz on systems having voltages of 550 kV and above. High speed earthing switches described in this standard are intended to extinguish the secondary arc remaining after clearing faults on transmission lines by the circuit-breakers.

Keel en

FprHD 60269-2

Identne FprHD 60269-2:2012
 ja identne IEC 60269-2:201X
 Tähtaeg 29.06.2012

Low-voltage fuses - Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) - Examples of standardized systems of fuses A to K

Fuses for use by authorized persons are generally designed to be used in installations where the fuse-links are accessible to, and may be replaced by, authorized persons only. Fuses for use by authorized persons according to the following fuse systems also comply with the requirements of the corresponding subclauses of IEC 60269-1, unless otherwise defined in this standard. This standard is divided into fuse systems, each dealing with a specific example of standardized fuses for use by authorized persons: Fuse system A: Fuses with fuse-links with blade contacts (NH fuse system) Fuse system B: Fuses with striker fuse-links with blade contacts (NH fuse system) Fuse system C: Fuse-rails (NH fuse system) Fuse system D: Fuse-bases for busbar mounting (NH fuse system) Fuse system E: Fuses with fuse-links for bolted connections (BS bolted fuse system) Fuse system F: Fuses with fuse-links having cylindrical contact caps (NF cylindrical fuse system) Fuse system G: Fuses with fuse-links with offset blade contacts (BS clip-in fuse system) Fuse system H: Fuses with fuse-links having "gD" and "gN" characteristic (Class J and class L time delay and non time delay fuse types) Fuse system I: gU fuse-links with wedge tightening contacts Fuse system J: Fuses with fuse-links having "gD class CC" and "gN class CC" characteristics (Class CC time delay and non-time delay fuse types) Fuse system K: gK fuse-links with blade for bolted connections - High fuse-link ratings from 1 250 A up to 4 800A (Master fuse-links)

Keel en

Asendab EVS-HD 60269-2:2010

HD 60269-3:2010/FprA1

Identne HD 60269-3:2010/FprA1:2012
 ja identne IEC 60269-3:2010/A1:201X
 Tähtaeg 29.06.2012

Madalpingelised sulavkaitsmed. Osa 3: Lisanõuded tavaisikute poolt (peamiselt majapidamises ja muudel taolistel rakendustel) kasutamiseks ettenähtud kaitsmete. Kaitsmete standardsüsteemide A kuni F näited

Fuses for use by unskilled persons according to the following fuse systems comply with all subclauses of IEC 60269-1 and with the requirements laid down in the relevant fuse systems. This standard is divided into six fuse systems, each dealing with a specific example of standardized fuses for use by unskilled persons: - Fuse system A: D type fuse system - Fuse system B: Cylindrical fuses (NF cylindrical fuse system) - Fuse system C: Cylindrical fuses (BS cylindrical fuse system) - Fuse system D: Cylindrical fuses (Italian cylindrical fuse system) - Fuse system E: Pin-type fuses - Fuse system F: Cylindrical fuse-links for use in plugs (BS plugtop fuse system)

Keel en

prEN 50526-2

Identne prEN 50526-2:2012

Tähtaeg 29.06.2012

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

31 ELEKTROONIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 60297-3-107:2012

Hind 14,69

Identne EN 60297-3-107:2012

ja identne IEC 60297-3-107:2012

Mechanical structures for electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 3-107: Dimensions of subracks and plug-in units, small form factor

This part of IEC 60297 defines the interface dimensions between subracks and associated plug-in units using connectors as defined in PICMG-MTCA.0 (Fixed board, see Figure 7) and IEC 61076-4-116 (Two part, see Figure 12) and other two part connectors, (see Figure 15). For mechanical and climatic tests refer to IEC 61587-1. For electromagnetic shielding performance tests refer to IEC 61587-3.

Keel en

EVS-EN 60384-2:2012

Hind 13,22

Identne EN 60384-2:2012

ja identne IEC 60384-2:2011

Fixed capacitors for use in electronic equipment - Part 2: Sectional specification - Fixed metallized polyethylene terephthalate film dielectric d.c. capacitors

This part of IEC 60384 applies to fixed capacitors for direct current, with metallized electrodes and polyethylene-terephthalate dielectric for use in electronic equipment. These capacitors may have "self-healing properties" depending on conditions of use. They are primarily intended for applications where the a.c. component is small with respect to the rated voltage. Two performance grades of capacitors are covered, Grade 1 for long-life application and Grade 2 for general application. Capacitors for electromagnetic interference suppression and surface mount fixed metallized polyethylene-terephthalate film dielectric d.c. capacitors are not included, but are covered by IEC 60384-14 and IEC 60384-19 respectively.

Keel en

EVS-EN 60384-13:2012

Hind 12,51

Identne EN 60384-13:2012

ja identne IEC 60384-13:2011

Fixed capacitors for use in electronic equipment - Part 13: Sectional specification - Fixed polypropylene film dielectric metal foil d.c. capacitors

This part of IEC 60384 applies to fixed direct current capacitors, using as dielectric a polypropylene film with electrodes of thin metal foils. The capacitors covered by this standard are intended for use in electronic equipment. Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14.

Keel en

Asendab EVS-EN 60384-13:2006

EVS-EN 60384-21:2012

Hind 15,4

Identne EN 60384-21:2012

ja identne IEC 60384-21:2011

Fixed capacitors for use in electronic equipment - Part 21: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1

This part of IEC 60384 is applicable to fixed unencapsulated surface mount multilayer capacitors of ceramic dielectric, Class 1, for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted on printed boards, or directly onto substrates for hybrid circuits. Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14.

Keel en

Asendab EVS-EN 60384-21:2005

EVS-EN 60384-22:2012

Hind 16,1

Identne EN 60384-22:2012

ja identne IEC 60384-22:2011

Fixed capacitors for use in electronic equipment - Part 22: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2

This part of IEC 60384 is applicable to fixed unencapsulated surface mount multilayer capacitors of ceramic dielectric, Class 2, for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted on printed boards, or directly onto substrates for hybrid circuits. Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14.

Keel en

Asendab EVS-EN 60384-22:2004

EVS-EN 60747-15:2012

Hind 12,51

Identne EN 60747-15:2012

ja identne IEC 60747-15:2010

Semiconductor devices - Discrete devices - Part 15: Isolated power semiconductor devices

This part of IEC 60747 gives the requirements for isolated power semiconductor devices excluding devices with incorporated control circuits. These requirements are additional to those given in other parts of IEC 60747 for the corresponding non-isolated power devices.

Keel en

Asendab EVS-EN 60747-15:2004

EVS-EN 61587-1:2012

Hind 12,51

Identne EN 61587-1:2012

ja identne IEC 61587-1:2011

Elektroonikaseadmete mehaaniline osa. Katsetused vastavalt standarditele IEC 60917 ja IEC 60297. Osa 1: Kastide, raamide, osaraamide ja aluste kliima- ja mehaanilised katsetused

This part of IEC 61587 specifies environmental requirements, test set-up, as well as safety aspects for empty enclosures, i.e. cabinets, racks, subracks and chassis under indoor conditions. The purpose of this standard is to establish defined levels of physical performance in order to meet certain requirements of storage, transport and final location conditions. It applies in whole or part only to the mechanical structures of cabinets, racks, subracks and chassis, but it does not apply to electronic equipment.

Keel en

Asendab EVS-EN 61587-1:2007

EVS-EN 61988-2-1:2012

Hind 14,69

Identne EN 61988-2-1:2012

ja identne IEC 61988-2-1:2012

Plasma display panels - Part 2-1: Measuring methods - Optical and optoelectrical

This part of IEC 61988 determines the following measuring methods for characterizing the performance of plasma display modules (PDP modules): a) four per cent (4 %) window luminance; b) luminance uniformity; c) dark-room contrast ratio; d) bright-room contrast ratio 100/70; e) white chromaticity and chromatic uniformity; f) colour gamut in the centre box; g) module power and current consumption; h) module power consumption using video signal; i) module luminous efficacy, and j) panel luminous efficacy.

Keel en

Asendab EVS-EN 61988-2-2:2003; EVS-EN 61988-2-1:2003

EVS-EN 62047-13:2012

Hind 8,01

Identne EN 62047-13:2012

ja identne IEC 62047-13:2012

Semiconductor devices - Micro-electromechanical devices - Part 13: Bend- and shear- type test methods of measuring adhesive strength for MEMS structures

This part of IEC 62047 specifies the adhesive testing method between micro-sized elements and a substrate using the columnar shape of the specimens. This international standard can be applied to adhesive strength measurement of microstructures, prepared on a substrate, with width and thickness of 1 µm to 1 mm, respectively. Micro-sized elements of MEMS devices are made up of laminated fine pattern films on a substrate, which are fabricated by deposition, plating, and/or coating with photolithography. MEMS devices include a large number of interfaces between dissimilar materials, at which delamination occasionally occurs during fabrication or in operation. Combination of the materials at the junction determines the adhesive strength; moreover, defects and residual stress in the vicinity of the interface, which are changing by processing condition, strongly affect the adhesive strength. This standard specifies the adhesive testing method for micro-sized elements in order to optimally select materials and processing conditions for MEMS devices. This standard does not particularly restrict test piece material, test piece size and performance of the measuring device, since the materials and size of MEMS device components range widely and testing machine for micro-sized materials has not been generalized.

Keel en

EVS-EN 62047-14:2012

Hind 10,19

Identne EN 62047-14:2012

ja identne IEC 62047-14:2012

Semiconductor devices - Micro-electromechanical devices - Part 14: Forming limit measuring method of metallic film materials

This part of IEC 62047 describes definitions and procedures for measuring the forming limit of metallic film materials with a thickness range from 0,5 µm to 300 µm. The metallic film materials described herein are typically used in electric components, MEMS and microdevices. When metallic film materials used in MEMS (see 2.1.2 of IEC 62047-1:2005) are fabricated by a forming process such as imprinting, it is necessary to predict the material failure in order to increase the reliability of the components. Through this prediction, the effectiveness of manufacturing MEMS components by a forming process can also be improved, because the period of developing a product can be reduced and manufacturing costs can thus be decreased. This standard presents one of the prediction methods for material failure in imprinting process.

Keel en

EVS-EN 62341-6-2:2012

Hind 16,1

Identne EN 62341-6-2:2012

ja identne IEC 62341-6-2:2012

Organic light emitting diode (OLED) displays - Part 6-2: Measuring methods of visual quality and ambient performance

This part of IEC 62341 specifies the standard measurement conditions and measurement methods for determining the visual quality and ambient performance of organic light-emitting diode (OLED) display modules and panels. This document mainly applies to colour display modules.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 60384-13:2006**

Identne EN 60384-13:2006 + AC:2006

ja identne IEC 60384-13:2006

Fixed capacitors for use in electronic equipment Part 13: Sectional specification - Fixed polypropylene film dielectric metal foil d.c. Capacitors

is applicable to fixed direct current capacitors, using as dielectric a polypropylene film with electrodes of thin metal foils. The capacitors covered by this standard are intended for use in electronic equipment.

Keel en

Asendab EVS-EN 131800:2002

Asendatud EVS-EN 60384-13:2012

EVS-EN 60384-21:2005

Identne EN 60384-21:2004

ja identne IEC 60384-21:2004+AC:2004

Fixed capacitors for use in electronic equipment Part 21: Sectional specification: Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1

applies to fixed unencapsulated surface mount multilayer capacitors of ceramic dielectric, Class 1, for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted on printed boards, or directly onto substrates for hybrid circuits.

Keel en

Asendab EVS-EN 132100:2002

Asendatud EVS-EN 60384-21:2012

EVS-EN 60384-22:2004

Identne EN 60384-22:2004

ja identne IEC 60384-22:2004

Fixed capacitors for use in electronic equipment Part 22: Sectional specification: Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2

applies to fixed unencapsulated surface mount multilayer capacitors of ceramic dielectric, Class 2, for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted on printed boards, or directly onto substrates for hybrid circuits.

Keel en

Asendab EVS-EN 132100:2002

Asendatud EVS-EN 60384-22:2012

EVS-EN 60747-15:2004

Identne EN 60747-15:2004

ja identne IEC 60747-15:2003

Discrete semiconductor devices - Part 15: Isolated power semiconductor devices

Gives the product specific standards, requirements and test methods for isolated power semiconductor devices. These requirements are added to those given in other parts of IEC 60747, IEC 60748 and IEC 60749 for the corresponding non-isolated power devices.

Keel en

Asendatud EVS-EN 60747-15:2012

EVS-EN 61587-1:2007

Identne EN 61587-1:2007

ja identne IEC 61587-1:2007

Elektroonikaseadmete mehaaniline osa. Katsetused vastavalt standarditele IEC 60917 ja IEC 60297. Osa 1: Kastide, raamide, osaraamide ja aluste kliima- ja mehaanilised katsetused

This part of IEC 61587 specifies mechanical tests, climatic tests and safety aspects for cabinets, racks, subracks and chassis as defined in the standards of the IEC 60917 series and the IEC 60297 series for indoor applications. It applies in whole or part only to the mechanical structures of cabinets, racks, subracks and chassis, but it does not apply to electronic equipment or systems. Tests dedicated to outdoor enclosures are standardized in IEC 61969-3. Some suitable parts of IEC 61587-1 apply to IEC 61969-3. The object of this standard is to ensure physical integrity and environmental performance in cabinets, racks, subracks and chassis, taking into account the need for different levels of performance in different applications. It is intended to give the user a level of confidence in the selection of performance levels to meet as close as possible the individual application requirements.

Keel en

Asendab EVS-EN 61587-1:2002

Asendatud EVS-EN 61587-1:2012

EVS-EN 61988-2-2:2003

Identne EN 61988-2-2:2003

ja identne IEC 61988-2-2:2003

Plasma display panels - Part 2-2: Measuring methods - Optoelectrical

Determines the following measuring methods for characterising the performance of colour plasma display modules: a) bright-room contrast ratio; b) module power and current consumption, c) module luminous efficacy

Keel en

Asendatud EVS-EN 61988-2-1:2012

EVS-EN 61988-2-1:2003

Identne EN 61988-2-1:2002

ja identne IEC 61988-2-1:2002

Plasma display panels - Part 2-1: Measuring methods - Optical

Determines the measuring methods for characterizing the performance of colour plasma display modules in the following areas: 4 % window luminance; luminance uniformity; dark-room contrast ratio; white chromaticity and chromatic uniformity; colour gamut in the centre box.

Keel en

Asendatud EVS-EN 61988-2-1:2012

KAVANDITE ARVAMUSKÜSITLUS

FprEN 60286-4

Identne FprEN 60286-4:2012
ja identne IEC 60286-4:201X
Tähtaeg 29.06.2012

Packaging of components for automatic handling - Part 4: Stick magazines for electronic components encapsulated in packages of different forms

Stick magazines (including end stoppers) are intended to be used for storage of electronic components, for transport from the manufacturer to the customer and for in-house use in the manufacturing plant. They are also used to feed automatic placement machines for surface mounting as well as for through-hole mounting of electronic components.

Keel en

Asendab EVS-EN 60286-4:2003

FprEN 61587-3

Identne FprEN 61587-3:2012
ja identne IEC 61587-3:201X
Tähtaeg 29.06.2012

Mechanical structures for electronic equipment - Tests for IEC 60917 and IEC 60297 - Part 3: Electromagnetic shielding performance tests for cabinets and subracks

This part of IEC 61587 specifies the tests for empty cabinets and subracks concerning electromagnetic shielding performance, in the frequency range of 30 MHz to 2 000 MHz. Stipulated attenuation values are chosen for the definition of the shielding performance level of cabinets and subracks for the IEC 60297 and IEC 60917 series. The shielding performance levels are chosen with respect to the requirements of the typical fields of industrial application. They will support the measures to achieve electromagnetic compatibility but cannot replace the final testing of compliance of the equipped enclosure. The purpose of this standard is to ensure physical integrity and environmental performance of cabinets and subracks, taking into account the need for different levels of performance in different applications. It is intended to give the user a level of confidence in the selection of products to meet his specific needs. This standard in whole or part applies only to the empty enclosures, for example cabinets and subracks according to IEC 60297 and IEC 60917 and does not apply to the enclosures when electronic equipment is installed. This standard was developed in close relationship to IEC 61000-5-7 but with the specific focus on subracks and cabinets and the determination of performance levels at the chosen frequency range.

Keel en

Asendab EVS-EN 61587-3:2006

FprEN 61747-2-1

Identne FprEN 61747-2-1:2012
ja identne IEC 61747-2-1:201X
Tähtaeg 29.06.2012

Liquid crystal display devices - Part 2-1: Passive matrix monochrome LCD modules - Blank detail specification

This part of IEC 61747 serves as a Blank Detail Specification (BDS) for a high quality approval system and contains requirements for style and layout and minimum content of detail specifications. These requirements are applicable when the detail specification is published (e.g. for standard product).

Keel en

Asendab EVS-EN 61747-2-1:2002

FprEN 61747-30-1

Identne FprEN 61747-30-1:2012
ja identne IEC 61747-30-1:201X
Tähtaeg 29.06.2012

Liquid crystal display devices - Part 30-1: Measuring methods for liquid crystal display modules - Transmissive type

This part of IEC 61747 is restricted to transmissive liquid crystal display-modules using either segment, passive or active matrix and achromatic or colour type LCDs. Furthermore, the transmissive modes of transmissive LCD modules with backlights ON are comprised in this document. An LCD module in combination with a touch-panel or a front-light-unit is excluded from the scope because measurements are frequently inaccurate. Touch-panels or front-lightunits are removed before measurement. Throughout the main body of this standard, an integrated backlight is assumed to provide the illumination for the measurements. Deviations from this (e.g. segmented displays without integrated backlights) may usually be handled in the same way as display modules with integrated backlight, if an external backlight is provided. However, in the case where one of the two situations should be handled differently, this will be specifically stated.

Keel en

33 SIDETEHNIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 50288-8:2012

Hind 7,38

Identne EN 50288-8:2012

Analoog- ja digitaalkommunikatsioonis ja -juhtimises kasutatavad mitmeelemendilised metallkaablid. Osa 8: Tüüpi 1 kuuluvate, sagedusega kuni 2 MHz iseloomustatavate kaablite spetifikatsioon

This European Standard defines 1 to 7 multi-pair cables for use in analogue, digital telecommunication networks and control with their relative definitions and requirements. It covers indoor cables, characterised up to 2 MHz, to be used in Small Office Home Office (SOHO) type 1 cable application. The electrical, mechanical, transmission and environmental performance characteristics of the screened cables, related to their reference test methods, are detailed.

Keel en

EVS-EN 50441-1:2012

Hind 9,49

Identne EN 50441-1:2012

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

This European Standard specifies the constructional details and performance requirements for cables for indoor residential cabling systems characterized up to 100 MHz. Cables in this European Standard are based on the common design rules specified in EN 50290-2-1 and are specifically intended for supporting ICT and BCT applications (telephone, computer and TV services) as specified in EN 50173-4. The cables covered in this European Standard are intended to operate with voltages and currents normally encountered in communications systems. These cables are not intended to be used in conjunction with low impedance sources, for example, the electrical power supply of public utility mains. Cables covered in this European Standard may however be subjected to voltages of not more than 300 V a.c. or 450 V d.c. and comply with the requirements of the Low Voltage Directive. The maximum current rating per conductor is 3 A/mm² unless otherwise specified in the relevant detail specification.

Keel en

Asendab EVS-EN 50441-1:2006

EVS-EN 50441-2:2012

Hind 9,49

Identne EN 50441-2:2012

Elamute telekommunikatsioonipaigaldiste kaablid. Osa 2: Varjestatud kaablid. Aste 1

This European Standard specifies the constructional details and performance requirements for cables for indoor Residential Cabling Systems characterized up to 100 MHz. Cables in this European Standard are based on the common design rules specified in EN 50290-2-1 and are specifically intended for supporting ICT and BCT applications (telephone, computer and TV services) as specified in EN 50173-4. The cables covered in this European Standard are intended to operate with voltages and currents normally encountered in communication systems. These cables are not intended to be used in conjunction with low impedance sources, for example, the electrical power supply of public utility mains. Cables covered in this European Standard may however be subjected to voltages of not more than 300 V a.c. or 450 V d.c. and comply with the requirements of the Low Voltage Directive. The maximum current rating per conductor is 3 A/mm² unless otherwise specified in the relevant detail specification.

Keel en

Asendab EVS-EN 50441-2:2006

EVS-EN 50441-4:2012

Hind 9,49

Identne EN 50441-4:2012

Elamute sise-telekommunikatsioonipaigaldiste kaablid. Osa 4: Kaablid sagedusele kuni 1200 MHz. Aste 3

This European Standard specifies the constructional details and performance requirements for cables for installation in indoor residential cabling systems characterized up to 1 200 MHz. Cables in this European Standard are based on the common design rules specified in EN 50290-2-1 and are specifically intended for supporting ICT and BCT applications (telephone, computer and TV services) as specified in EN 50173-4. The cables covered in this European Standard are intended to operate with voltages and currents normally encountered in communication systems. These cables are not intended to be used in conjunction with low impedance sources, for example, the electrical power supply of public utility mains. Cables covered in this European Standard may however be subjected to voltages of not more than 300 V a.c. or 450 V d.c. and comply with the requirements of the Low Voltage Directive. The maximum current rating per conductor is 3 A/mm² unless otherwise specified in the relevant detail specification.

Keel en

EVS-EN 60874-1:2012

Hind 11,67

Identne EN 60874-1:2012

ja identne IEC 60874-1:2011

Fibre optic interconnecting devices and passive components - Connectors for optical fibres and cables - Part 1: Generic specification

This part of IEC 60874 applies to fibre optic connector sets and individual components (i.e. adaptors, plugs, sockets) for all types, sizes and structures of fibres and cables. It includes: - connector set requirements; This part of IEC 60874 is divided into four clauses: - Clauses 1 (Scope), 2 (Normative references) and 3 (Terms and definitions) contain general information pertaining to this generic specification; - Clause 4 (Requirements) contains all the requirements to be met by connectors covered by this specification. This includes requirements for classification, the IEC specification system, documentation, materials, workmanship, quality, performance, identification, and packaging. NOTE 1 Clauses 1 to 4 are applicable generally and refer to all connector standards NOTE 2 This part of IEC 60874 applies also to the connectors covered by the IEC 61753, IEC 61754, and IEC 61755 series. This standard does not cover test and measurement procedures, which are described in the IEC 61300 series.

Keel en

Asendab EVS-EN 60874-1:2007

EVS-EN 61274-1:2012

Hind 11,67

Identne EN 61274-1:2012

ja identne IEC 61274-1:2011

Fibre optic interconnecting devices and passive components - Adaptors for fibre optic connectors - Part 1: Generic specification

This part of IEC 61274 applies to fibre optic adaptors for all types, sizes and structures of optical fibre connectors. It includes: - adaptor requirements; - quality assessment procedures. This standard does not cover test and measurement procedures, which are described in the IEC 61300 series.

Keel en

Asendab EVS-EN 61274-1:2008

EVS-EN 61291-2:2012

Hind 8,01

Identne EN 61291-2:2012

ja identne IEC 61291-2:2012

Optical amplifiers - Part 2: Digital applications - Performance specification template

This performance specification template applies to single channel optical amplifier (OA) devices to be used in digital applications. For multichannel applications, use IEC 61291, Part 4. The object of this performance specification template is to provide a frame for the preparation of detail specifications on the performances of single channel OA devices to be used in digital applications. Detail specification writers may add specification parameters and/or groups of specification parameters for particular applications. However, detail specification writers may not remove specification parameters specified in this standard.

Keel en

Asendab EVS-EN 61291-2:2007

EVS-EN 61300-3-39:2012

Hind 8,01

Identne EN 61300-3-39:2012

ja identne IEC 61300-3-39:2011

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-39: Examinations and measurements - Physical contact (PC) optical connector reference plug selection for return loss measurements

The objective of this part of IEC 61300 is to select non-angled physical contact (PC) optical connector plugs for use as the reference plug in the return loss RL measurement and to define an acceptance return loss value RL_a for use in plug acceptance testing. This procedure is for use to guarantee a certain return loss value RL when two plugs have been successfully tested against the reference connector when randomly mated.

Keel en

Asendab EVS-EN 61300-3-39:2002

EVS-EN 61314-1:2012

Hind 10,9

Identne EN 61314-1:2012

ja identne IEC 61314-1:2011

Fibre optic interconnecting devices and passive components - Fibre optic fan-outs - Part 1: Generic specification

This part of IEC 61314 specifies requirements for fan-outs used in the fibre optics field to provide a safe transition from multifibre cable units to individual fibres or cables. This standard corresponds to QC880000 of IEC Quality Assessment System. This standard does not cover test and measurement procedures, which are described in IEC 61300 series.

Keel en

Asendab EVS-EN 61314-1:2009

EVS-EN 61753-087-6:2012

Hind 9,49

Identne EN 61753-087-6:2012

ja identne IEC 61753-087-6:2012

Fibre optic interconnecting devices and passive components - Performance standard - Part 087-6: Non-connectorised single-mode bidirectional 1310 nm upstream and 1490 nm downstream WWDM devices for category O - Uncontrolled environment

This part of IEC 61753 contains the minimum initial performance, test and measurement requirements and severities which a fibre optic pigtailed 1 310 nm upstream and 1 490 nm downstream wide wavelength division multiplexing (WWDM) passive optical network (PON) device must satisfy in order to be categorized as meeting the requirements of category O (uncontrolled environments), as defined in Annex A of IEC 61753-1. Annex B of this standard provides information concerning the function of the 1 310 nm upstream and 1 490 nm downstream WWDM.

Keel en

EVS-EN 62087:2012

Hind 17,08

Identne EN 62087:2012

ja identne IEC 62087:2011

Audio- ja videoseadmete ja nendega seotud seadmete tarbitava võimsuse mõõtmismeetodid

This International Standard specifies methods of measurement for the power consumption of television sets, video recording equipment, set top boxes, audio equipment and multifunction equipment for consumer use. Television sets include, but are not limited to, those with CRT, LCD, PDP or projection technologies. Moreover, the different modes of operation which are relevant for measuring power consumption are defined. The methods of measurement are only applicable for equipment which can be connected to the mains. The measuring conditions in this standard represent the normal use of the equipment and may differ from specific conditions, for example as specified in safety standards.

Keel en

Asendab EVS-EN 62087:2011

ASENDATUD VÕI TÛHISTATUD STANDARDID

EVS-EN 50441-1:2006

Identne EN 50441-1:2006

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

These cables are for installation in indoor Residential Cabling Systems. They are specified up to 100 MHz. Their design is based on the requirements of the EN 50290-2-1. They are specifically designed for cabling in residential environment supporting ICT and BCT applications. (Telephone, Computer and TV services). This specification defines the constructional details as well as the specific performances of the cables.

Keel en

Asendatud EVS-EN 50441-1:2012

EVS-EN 50441-2:2006

Identne EN 50441-2:2006

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

These cables are for installation in indoor Residential Cabling Systems. They are specified up to 100 MHz. Their design is based on the requirements of the EN 50290-2-1. They are specifically designed for cabling in residential environment supporting ICT and BCT applications. (Telephone, Computer and TV services). This specification defines the constructional details as well as the specific performances of the cables.

Keel en

Asendatud EVS-EN 50441-2:2012

EVS-EN 60874-1:2007

Identne EN 60874-1:2007

ja identne IEC 60874-1:2007

Connectors for optical fibres and cables - Part 1: Generic specification

This part of IEC 60874 applies to fibre optic connectors sets and individual components (i.e. adaptors, plugs, sockets) for all types, sizes and structures of fibres and cables. It includes: – connector set requirements; – quality assessment procedures.

Keel en

Asendab EVS-EN 60874-1:2002; EVS-EN 186000-1:2002

Asendatud EVS-EN 60874-1:2012

EVS-EN 61274-1:2008

Identne EN 61274-1:2008

ja identne IEC 61274-1:2007

Adaptors for fibre optic connectors -- Part 1: Generic specification

This part of IEC 61274 applies to fibre optic adaptors for all types, sizes and structures of optical fibre connectors. It includes: – adaptor requirements; – quality assessment procedures. This standard does not cover test and measurement procedures, which are described in IEC 61300-1, IEC 61300-2 and IEC 61300-3.

Keel en

Asendab EVS-EN 61274-1:2002

Asendatud EVS-EN 61274-1:2012

EVS-EN 61291-2:2007

Identne EN 61291-2:2007

ja identne IEC 61291-2:2007

Optical amplifiers -- Part 2: Digital applications - Performance specification template

This performance specification template applies to optical amplifier (OA) devices to be used in digital applications. The object of this performance specification template is to provide a frame for the preparation of detail specifications on the performances of OA devices to be used in digital applications. Detail specification writers may add specification parameters and/or groups of specification parameters for particular applications. However, detail specification writers may not remove specification parameters specified in this standard.

Keel en

Asendab EVS-EN 61291-2:2002

Asendatud EVS-EN 61291-2:2012

EVS-EN 61300-3-39:2002

Identne EN 61300-3-39:1997

ja identne IEC 61300-3-39:1997

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-39: Examinations and measurements - PC optical connector reference plug selection

The object of this part of IEC 61300 is to select Physical Contact (PC) optical connector plugs to be used as the reference plug in the return loss RL measurement and to define an acceptance return loss value RL_a to be used in plug acceptance testing. This procedure is used to guarantee a certain return loss value RL when two plugs are randomly mated together.

Keel en

Asendatud EVS-EN 61300-3-39:2012

EVS-EN 61314-1:2009

Identne EN 61314-1:2009

ja identne IEC 61314-1:2009

Fibre optic interconnecting devices and passive components - Fibre optic fan-outs - Part 1: Generic specification

This part of IEC 61314 specifies requirements for fan-outs used in the fibre optics field to provide a safe transition from multifibre cable units to individual fibres or cables. This standard does not cover test and measurement procedures, which are described in IEC 61300-1, in IEC 61300-2 and IEC 61300-3 series.

Keel en

Asendab EVS-EN 61314-1:2005

Asendatud EVS-EN 61314-1:2012

EVS-EN 62087:2011

Identne EN 62087:2009
ja identne IEC 62087:2008

Audio- ja videoseadmete ja nendega seotud seadmete tarbitava võimsuse mõõtmismeetodid

This International Standard specifies methods of measurement for the power consumption of television sets, video recording equipment, Set Top Boxes (STBs), audio equipment and multi-function equipment for consumer use. Television sets include, but are not limited to, those with CRT, LCD, PDP or projection technologies. Moreover the different modes of operation which are relevant for measuring power consumption are defined. The methods of measurement are only applicable for equipment which can be connected to the mains. The measuring conditions in this standard represent the normal use of the equipment and may differ from specific conditions, for example as specified in safety standards.

Keel en

Asendab EVS-EN 62087:2003
Asendatud EVS-EN 62087:2012

KAVANDITE ARVAMUSKÜSITLUS

EN 55016-1-2:2004/FprA3 (fragment 1)

Identne EN 55016-1-2:2004/FprA3:2012 (fragment 1)
ja identne CISPR 16-1-2:2003/A3:201X (fragment 1)
Tähtaeg 29.06.2012

Raadiohäirete ja häiringukindluse mõõteseadmed ja meetodid. Osa 1-2: Raadiohäirete ja häiringukindluse mõõteseadmed. Abiseadmed. Juhtivushäiringud

This part of CISPR 16 is designated a basic standard, which specifies the characteristics and performance of equipment for the measurement of radio disturbance voltages and currents in the frequency range 9 kHz to 1 GHz. Specifications for ancillary apparatus are included for: artificial mains networks, current and voltage probes and coupling units for current injection on cables. The requirements of this publication shall be complied with at all frequencies and for all levels of radio disturbance voltages and currents within the CISPR indicating range of the measuring equipment. CISPR 16-1 has been reorganised into 5 parts, to accommodate growth and easier maintenance. This first edition of CISPR 16-1-2, together with CISPR 16-1-1, CISPR 16-1-3, CISPR 16-1-4 and CISPR 16-1-5, cancels and replaces the second edition of CISPR 16-1, published in 1999, amendment 1 (2002) and amendment 2 (2003). It contains the relevant clauses of CISPR 16-1 without technical changes.

Keel en

FprEN 60601-1-2

Identne FprEN 60601-1-2:2012
ja identne IEC 60601-1-2:201X
Tähtaeg 29.06.2012

Elektrilised meditsiiniseadmed. Osa 1-2: Üldnõuded esmasele ohutusele ja olulistele toimimisnäitajatele. Kollateraalsandard: Elektromagnetiline ühilduvus. Nõuded ja katsetused

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. Specifically, this collateral standard applies to BASIC SAFETY and ESSENTIAL PERFORMANCE with regard to ELECTROMAGNETIC DISTURBANCES of ME EQUIPMENT and ME SYSTEMS. Applicability of this collateral standard includes ME EQUIPMENT and ME SYSTEMS that have been found to have no ESSENTIAL PERFORMANCE. BASIC SAFETY with regard to ELECTROMAGNETIC DISTURBANCES shall be evaluated for all ME EQUIPMENT and ME SYSTEMS.

Keel en

Asendab EVS-EN 60601-1-2:2007; EVS-EN 60601-1-2:2007/AC:2010

FprEN 60794-1-24

Identne FprEN 60794-1-24:2012
ja identne IEC 61794-1-24:201X
Tähtaeg 29.06.2012

Optical fibre cables - Part 1-24: Generic specification - Basic optical cable test procedures - Electrical test methods

This part of International Standard IEC 60794 applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors. The object of this standard is to define test procedures to be used in establishing uniform requirements for the electrical requirements. Throughout the document the wording "optical cable" may also include optical fibre units, microduct fibre units, etc.

Keel en

Asendab EVS-EN 60794-1-2:2004

FprEN 61280-1-1

Identne FprEN 61280-1-1:2012
ja identne IEC 61280-1-1:201X
Tähtaeg 29.06.2012

Fibre optic communication subsystem basic test procedures - Part 1-1: Test procedures for general communication subsystems - Transmitter output optical power measurement for single-mode optical fibre cable

This part of IEC 61280 applies to fibre optic general communication subsystems. The object of this part is to measure the optical power coupled from the output of a transmitter under test into single-mode optical fibre cable containing dispersion-unshifted fibre or dispersion-shifted fibre.

Keel en

Asendab EVS-EN 61280-1-1:2002

FprEN 61300-2-28

Identne FprEN 61300-2-28:2012
 ja identne IEC 61300-2-28:201X
 Tähtaeg 29.06.2012

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-28: Tests - Industrial atmosphere (sulphur dioxide)

The purpose of this part of IEC 61300 is to assess the corrosive effects of atmospheres polluted with sulphur dioxide on fibre optic devices. The procedure is only suitable for comparative purposes. It can be considered a general corrosion test which may not predict the behaviour of the devices in use.

Keel en

Asendab EVS-EN 61300-2-28:2002

FprEN 61300-3-29

Identne FprEN 61300-3-29:2012
 ja identne IEC 61300-3-29:201X
 Tähtaeg 29.06.2012

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-29: Examinations and measurements - Spectral transfer characteristics of DWDM devices

This part of IEC 61300 identifies two basic measurement methods for characterising the spectral transfer functions of DWDM devices. The transfer functions can be used to produce measurements of insertion loss (IL), polarisation dependent loss (PDL), isolation, centre wavelength, bandwidth (BW), and other optical performances.

Keel en

Asendab EVS-EN 61300-3-29:2006; EVS-EN 61300-3-29:2006/AC:2006

FprEN 61754-4

Identne FprEN 61754-4:2012
 ja identne IEC 61754-4:201X
 Tähtaeg 29.06.2012

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 4: Type SC connector family

This part of IEC 61754 defines the standard interface dimensions for type SC family of connectors.

Keel en

Asendab EVS-EN 61754-4:2002

FprEN 61754-6

Identne FprEN 61754-6:2012
 ja identne IEC 61754-6:201X
 Tähtaeg 29.06.2012

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 6: Type MU connector family

This part of IEC 61754 defines the standard interface dimensions for type MU family of connectors.

Keel en

Asendab EVS-EN 61754-6:2002; EVS-EN 61754-6:2002/A2:2005

FprEN 62287-2

Identne FprEN 62287-2:2012
 ja identne IEC 62287-2:201X
 Tähtaeg 29.06.2012

Maritime navigation and radiocommunication equipment and systems - Class B shipborne equipment of the automatic identification system (AIS) - Part 2: Self-organising time division multiple access (SOTDMA) techniques

This part of International Standard IEC 62287 specifies operational & performance requirements, methods of testing and required test results for Class B "SO" shipborne AIS equipment using Self-organised TDMA (SOTDMA) techniques as described in Recommendation ITU-R M.1371. This Standard takes into account other associated IEC International Standards and existing National Standards, as applicable. The main differences between Class B "CS" (IEC 62287-1) and Class B "SO" units are that the Class B "SO": - covers all 25 kHz channels listed in Recommendation ITU-R M.1084-4; - only uses the internal GNSS, no position sensor input is allowed; - uses VDL Message 17 for correction of the internal GNSS; - has a presentation interface; - has additional reporting intervals, down to 5 s; - has two power settings, with a high level of 5 W; - has the capability to transmit binary messages; - has the capability to transmit the long-range broadcast message. It is applicable for AIS equipment used on craft that are not covered by a mandatory carriage requirement of AIS under SOLAS Chapter V.

Keel en

FprEN 62673

Identne FprEN 62673:2012
 ja identne IEC 62673:201X
 Tähtaeg 29.06.2012

Methodology for communication network dependability assessment and assurance

This International Standard describes a generic methodology for dependability assessment and assurance of communication networks from a network life cycle perspective. It presents the network dependability assessment strategies and methodology for analysis of network topology, evaluation of dependability of service paths, and optimization of network configurations to achieve network dependability performance and dependability of service. It also addresses the network dependability assurance strategies and methodology for application of network health check, network outage control, and test case management to enhance and sustain dependability performance in network service operation. This International Standard is applicable to network service providers, network designers and developers, and network maintainers and operators for assurance of network dependability performance and assessment of dependability of service.

Keel en

35 INFOTEHNOLOOGIA. KONTORISEADMED

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TS 15430-2:2012

Hind 10,19

Identne CEN/TS 15430-2:2012

Winter and road service area maintenance equipment - Data acquisition and transmission - Part 2: Protocol for data transfer between information supplier and client application server

The function of this Technical Specification is to combine any vehicle equipment with different board computers to any client application server. The communication interface on vehicle is defined by EN 15430-1:2007+A1:2011. The interface between the information supplier server and the client application server is defined as a specific protocol (flow 3), object of the present Technical Specification. This makes interchangeability possible on both sides of the communication without any restriction in the range of communication technology including memory card, WLAN, GPRS or any other communication media.

Keel en

CEN/TS 15480-4:2012

Hind 16,1

Identne CEN/TS 15480-4:2012

Identification card systems - European Citizen Card - Part 4: Recommendations for European Citizen Card issuance, operation and use

CEN/TS 15480-4 recommends card issuance and operational procedures including citizens' registration. CEN/TS 15480-4 gives recommendations with regard to the end-user e.g. with respect to privacy and accessibility aspects. CEN/TS 15480-4 also identifies a set of standard ECC card profiles (e.g. National ID Card, Health Card, Card issued by a Municipality), that can be used as basis for the specification of new ECC projects. For each profile, this Technical Specification uses a specified template which - selects a subset of technical requirements from CEN/TS 15480-1, CEN/TS 15480-2:2011 and CEN/TS 15480-3:2010. - considers the operation of the ECC in its particular environment. The target audience of CEN/TS 15480-4 is the card issuer.

Keel en

CLC/TR 50173-99-3:2012

Hind 11,67

Identne CLC/TR 50173-99-3:2012

Information technology - Generic cabling systems - Part 99-3: Home cabling infrastructures up to 50 m in length to support simultaneous and non simultaneous provision of applications

This Technical Report describes a grading system applicable to telecommunications cabling within homes which provides a range of implementation solutions to support both non-simultaneous and simultaneous provision of applications incorporating: a) a cabling structure in accordance with, but less complex than that of, EN 50173-4 and with defined connecting hardware pin assignment for certain applications; b) components meeting or exceeding the requirements of EN 50173-4; c) shorter cabling channels than those specified in EN 50173-4. Safety (electrical safety and protection, optical power, fire, etc.) and electromagnetic compatibility (EMC) requirements are outside the scope of this Technical Report and are covered by standards and regulations. However information given in this Technical Report may be of assistance in meeting these standards and regulations.

Keel en

EVS-EN 15876-1:2010+A1:2012

Hind 23,62

Identne EN 15876-1:2010+A1:2012

Electronic fee collection - Evaluation of on-board and roadside equipment for conformity to EN 15509 - Part 1: Test suite structure and test purposes

CONSOLIDATED TEXT

This European Standard contains the Test Suite Structure (TSS) and Test Purposes (TP) to evaluate the conformity of On Board Units (OBU) and Roadside Equipment (RSE) to EN 15509. The objective of this document is to provide a basis for conformance tests for DSRC equipment (on board units and roadside units) to enable interoperability between different equipment supplied by different manufacturers.

Keel en

Asendab EVS-EN 15876-1:2010

EVS-EN 61784-5-2:2012

Hind 26,5

Identne EN 61784-5-2:2012

ja identne IEC 61784-5-2:2010

Industrial communication networks - Profiles - Part 5-2: Installation of fieldbuses - Installation profiles for CPF 2

This part of IEC 61784 specifies the installation profiles for CPF 2 (CIP™1). The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2010.

Keel en

Asendab EVS-EN 61784-5-2:2008

EVS-EN 61784-5-3:2012

Hind 23,62

Identne EN 61784-5-3:2012

ja identne IEC 61784-5-3:2010

Industrial communication networks - Profiles - Part 5-3: Installation of fieldbuses - Installation profiles for CPF 3

This part of IEC 61784 specifies the installation profiles for CPF 3 (PROFIBUS/PROFINET)1. The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2010.

Keel en

Asendab EVS-EN 61784-5-3:2008

EVS-EN 61784-5-4:2012

Hind 13,92

Identne EN 61784-5-4:2012

ja identne IEC 61784-5-4:2010

Industrial communication networks - Profiles - Part 5-4: Installation of fieldbuses - Installation profiles for CPF 4

This part of IEC 61784 specifies the installation profiles for CPF 4 (P-NET)1. The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2010.

Keel en

EVS-EN 61784-5-6:2012

Hind 17,08

Identne EN 61784-5-6:2012

ja identne IEC 61784-5-6:2010

Industrial communication networks - Profiles - Part 5-6: Installation of fieldbuses - Installation profiles for CPF 6

This part of IEC 61784 specifies the installation profiles for CPF 6 (INTERBUS)1. The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2010.

Keel en

Asendab EVS-EN 61784-5-6:2008

EVS-EN 61784-5-10:2012

Hind 10,9

Identne EN 61784-5-10:2012

ja identne IEC 61784-5-10:2010

Industrial communication networks - Profiles - Part 5-10: Installation of fieldbuses - Installation profiles for CPF 10

This part of IEC 61784 specifies the installation profile for CPF 10 (Vnet/IP™)1. The installation profile is specified in the annex. This annex is read in conjunction with IEC 61918:2010.

Keel en

Asendab EVS-EN 61784-5-10:2008

EVS-EN 61784-5-11:2012

Hind 13,22

Identne EN 61784-5-11:2012

ja identne IEC 61784-5-11:2010

Industrial communication networks - Profiles - Part 5-11: Installation of fieldbuses - Installation profiles for CPF 11

This part of IEC 61784 specifies the installation profiles for CPF 11 (TCnet1). The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2010.

Keel en

Asendab EVS-EN 61784-5-11:2008

EVS-EN 61784-5-12:2012

Hind 10,9

Identne EN 61784-5-12:2012

ja identne IEC 61784-5-12:2010

Industrial communication networks - Profiles - Part 5-12: Installation of fieldbuses - Installation profiles for CPF 12

This part of IEC 61784 specifies the installation profiles for CPF 12 (EtherCAT™) 1. The installation profiles are specified in the annex. This annex is read in conjunction with IEC 61918:2010.

Keel en

EVS-EN 61784-5-14:2012

Hind 13,92

Identne EN 61784-5-14:2012

ja identne IEC 61784-5-14:2010

Industrial communication networks - Profiles - Part 5-14: Installation of fieldbuses - Installation profiles for CPF 14

This part of IEC 61784 specifies the installation profiles for CPF 14 (EPA)1. The installation profiles are specified in the annex. This annex is read in conjunction with IEC 61918:2010.

Keel en

EVS-EN 61784-5-15:2012

Hind 11,67

Identne EN 61784-5-15:2012

ja identne IEC 61784-5-15:2010

Industrial communication networks - Profiles - Part 5-15: Installation of fieldbuses - Installation profiles for CPF 15

This part of IEC 61784 specifies the installation profiles for CPF 15/1 (MODBUS™-TCP)1 and CPF 15/2 (RTPS). The installation profiles are specified in the annex. This annex is read in conjunction with IEC 61918:2010.

Keel en

EVS-EN 62264-5:2012

Hind 23,62

Identne EN 62264-5:2012

ja identne IEC 62264-5:2011

Enterprise system integration - Part 5: Business to manufacturing transactions

This part of IEC 62264 defines transactions in terms of information exchanges between applications performing business and manufacturing activities associated with Levels 3 and 4. The exchanges are intended to enable information collection, retrieval, transfer and storage in support of Enterprise-Control system integration. This part of IEC 62264 is consistent with the IEC 62264-1 models and terminology and IEC 62264-2 object model attributes. This standard also defines transactions that specify how to exchange the objects defined in IEC 62264-1, Clause 7, IEC 62264-2 and this standard. Other uses of the transaction model are not defined in this part. The models covered in this standard are: Personnel Model, Equipment Model, Maintenance Model, Material Model, Process Segment Model, Production Capability Model, Product Definition Model, Production Schedule Model, and Production Performance Model.

Keel en

EVS-EN 62439-4:2010/A1:2012

Hind 5,62

Identne EN 62439-4:2010/A1:2012

ja identne IEC 62439-4:2010/A1:2012

Industrial communication networks - High availability automation networks - Part 4: Cross-network Redundancy Protocol (CRP)

The IEC 62439 series is applicable to high-availability automation networks based on the ISO/IEC 8802-3 (IEEE 802.3) (Ethernet) technology. This part of the IEC 62439 series specifies a redundancy protocol that is based on the duplication of the network, the redundancy protocol being executed within the end nodes, as opposed to a redundancy protocol built in the switches. The switchover decision is taken in each node individually. The cross-network connection capability enables single attached end nodes to be connected on either of the two networks.

Keel en

EVS-EN 62439-7:2012

Hind 22,15

Identne EN 62439-7:2012

ja identne IEC 62439-7:2011

Industrial communication networks - High availability automation networks - Part 7: Ring-based Redundancy Protocol (RRP)

The IEC 62439 series of standards is applicable to high-availability automation networks based on the ISO/IEC 8802-3:2000 (Ethernet) technology. This part of the IEC 62439 series specifies a redundancy protocol that is based on a ring topology, in which the redundancy protocol is executed at the end nodes, as opposed to being built into the switches. Each node detects link failure and link establishment using mediasensing technologies, and shares the link information with the other nodes, to guarantee fast connectivity recovery times. The nodes have equal RRP network management functions.

Keel en

EVS-EN ISO 19111-2:2012

Hind 10,9

Identne EN ISO 19111-2:2012

ja identne ISO 19111-2:2009

Geographic information - Spatial referencing by coordinates - Part 2: Extension for parametric values (ISO 19111-2:2009)

This part of ISO 19111 specifies the conceptual schema for the description of spatial referencing using parametric values or functions. It applies the schema of ISO 19111 to combine a position referenced by coordinates with a parametric value to form a spatio-parametric coordinate reference system (CRS). The spatio-parametric CRS can optionally be extended to include time. The intended users of this part of ISO 19111 are producers and users of environmental information. Parameters which are attributes of spatial locations or features, but which are not involved in their spatial referencing, are not addressed by this part of ISO 19111.

Keel en

EVS-EN ISO 19143:2012

Hind 22,15

Identne EN ISO 19143:2012

ja identne ISO 19143:2010

Geographic information - Filter encoding (ISO 19143:2010)

This International Standard describes an XML and KVP encoding of a system neutral syntax for expressing projections, selection and sorting clauses collectively called a query expression. These components are modular and intended to be used together or individually by other standards which reference this International Standard. EXAMPLE 1 ISO 19142 makes use of some or all of these components. This International Standard defines an abstract component, named AbstractQueryExpression, from which other specifications can subclass concrete query elements to implement query operations. This International Standard also defines an additional abstract query component, named AbstractAdhocQueryExpresison, which is derived from AbstractQueryExpression and from which other specifications can subclass concrete query elements which follow the following query pattern: An abstract query element from which service specifications can subclass a concrete query element that implements a query operation that allows a client to specify a list of resource types, an optional projection clause, an optional selection clause, and an optional sorting clause to query a subset of resources that satisfy the selection clause. This pattern is referred to as an ad hoc query pattern since the server is not aware of the query until it is submitted for processing. This is in contrast to a stored query expression, which is stored and can be invoked by name or identifier. This International Standard also describes an XML and KVP encoding of a system-neutral representation of a select clause. The XML representation is easily validated, parsed and transformed into a server-specific language required to retrieve or modify object instances stored in some persistent object store.

Keel en

EVS-EN ISO 19144-1:2012

Hind 14,69

Identne EN ISO 19144-1:2012

ja identne ISO 19144-1:2009

Geographic information - Classification systems - Part 1: Classification system structure (ISO 19144-1:2009)

This part of ISO 19144 establishes the structure of a geographic information classification system, together with the mechanism for defining and registering the classifiers for such a system. It specifies the use of discrete coverages to represent the result of applying the classification system to a particular area and defines the technical structure of a register of classifiers in accordance with ISO 19135. The structure can be used to develop specific classification systems that address particular application areas, specified in other parts of ISO 19144.

Keel en

EVS-EN ISO 19762-1:2012

Hind 15,4

Identne EN ISO 19762-1:2012

ja identne ISO/IEC 19762-1:2008

Information technology - Automatic identification and data capture (AIDC) techniques - Harmonized vocabulary - Part 1: General terms relating to AIDC (ISO/IEC 19762-1:2008)

This part of ISO/IEC 19762 provides general terms and definitions in the area of automatic identification and data capture techniques on which are based further specialized sections in various technical fields, as well as the essential terms to be used by non-specialist users in communication with specialists in automatic identification and data capture techniques.

Keel en

EVS-EN ISO 19762-3:2012

Hind 11,67

Identne EN ISO 19762-3:2012

ja identne ISO/IEC 19762-3:2008

Information technology - Automatic identification and data capture (AIDC) techniques - Harmonized vocabulary - Part 3: Radio frequency identification (RFID) (ISO/IEC 19762-3:2008)

This part of ISO/IEC 19762 provides terms and definitions unique to radio frequency identification (RFID) in the area of automatic identification and data capture techniques. This glossary of terms enables the communication between non-specialist users and specialists in RFID through a common understanding of basic and advanced concepts.

Keel en

ASENDATUD VÕI TÛHISTATUD STANDARDID

EVS-EN 15876-1:2010

Identne EN 15876-1:2010

Electronic fee collection - Conformity evaluation of on board unit and roadside equipment to EN 15509 - Part 1: Test suite structure and test purposes

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

Keel en

Asendatud EVS-EN 15876-1:2010+A1:2012

EVS-EN 61784-5-2:2008

Identne EN 61784-5-2:2008

ja identne IEC 61784-5-2:2007

Industrial communication networks - Profiles -- Part 5-2: Installation of fieldbuses - Installation profiles for CPF 2

This part of IEC 61784 specifies the installation profiles for CPF 2 (CIP™1). The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2007.

Keel en

Asendatud EVS-EN 61784-5-2:2012

EVS-EN 61784-5-3:2008

Identne EN 61784-5-3:2008

ja identne IEC 61784-5-3:2007

Industrial communication networks - Profiles - Part 5-3: Installation of fieldbuses - Installation profiles for CPF 3

This part of IEC 61784 specifies the installation profiles for CPF 3 (PROFIBUS/PROFINET)1. The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2007.

Keel en

Asendatud EVS-EN 61784-5-3:2012

EVS-EN 61784-5-6:2008

Identne EN 61784-5-6:2008

ja identne IEC 61784-5-6:2007

Industrial communication networks - Profiles - Part 5-6: Installation of fieldbuses - Installation profiles for CPF 6

This part of IEC 61784 specifies the installation profiles for the media specified in CPF 6 (INTERBUS)1. The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2007.

Keel en

Asendatud EVS-EN 61784-5-6:2012

EVS-EN 61784-5-10:2008

Identne EN 61784-5-10:2008

ja identne IEC 61784-5-10:2007

Industrial communication networks - Profiles - Part 5-10: Installation of fieldbuses - Installation profiles for CPF 10

This part of IEC 61784 specifies the installation profile for CPF 10 (Vnet/IP™1). The installation profile is specified in the annex. This annex is read in conjunction with IEC 61918:2007.

Keel en

Asendatud EVS-EN 61784-5-10:2012

EVS-EN 61784-5-11:2008

Identne EN 61784-5-11:2008

ja identne IEC 61784-5-11:2007

Industrial communication networks - Profiles - Part 5-11: Installation of fieldbuses - Installation profiles for CPF 11

This part of IEC 61784 specifies the installation profile for CPF 11 (TCnet1). The installation profile is specified in the annex. This annex is read in conjunction with IEC 61918:2007.

Keel en

Asendatud EVS-EN 61784-5-11:2012

KAVANDITE ARVAMUSKÜSITLUS

FprEN 13321-2

Identne FprEN 13321-2:2012:2012

Tähtaeg 29.06.2012

Open Data Communication in Building Automation, Controls and Building Management - Home and Building Electronic Systems - Part 2: KNXnet/IP Communication

This specification defines the integration of KNX protocol implementations on top of Internet Protocol (IP) networks, called KNXnet/IP. It describes a standard protocol for KNX devices connected to an IP network, called KNXnet/IP devices. The IP network acts as a fast (compared to KNX transmission speed) backbone in KNX installations. - Widespread deployment of data networks using the Internet Protocol (IP) presents an opportunity to expand building control communication beyond the local KNX control bus providing: - Remote configuration; - Remote operation (including control and annunciation); - Fast interface from LAN to KNX and vice versa; - WAN connection between KNX systems (where an installed KNX system is at least one line). - A KNXnet/IP system contains at least these elements: - one EIB line with up to 64 (255) EIB devices; OR one KNX segment (KNX-TP1, KNX-TP0, KNX-RF, KNX-PL110, KNX-PL132); - a KNX-to-IP network connection device (called KNXnet/IP server); and typically additional - software for remote functions residing on e.g. a workstation (may be data base application, BACnet Building Management System, browser, ...).

Keel en

Asendab EVS-EN 13321-2:2006

FprEN 62439-3

Identne FprEN 62439-3:2012

ja identne IEC 62439-3:201X

Tähtaeg 29.06.2012

Industrial communication networks - High availability automation networks - Part 3: Parallel Redundancy Protocol (PRP) and High-availability Seamless Redundancy (HSR)

The IEC 62439 series is applicable to high-availability automation networks based on the ISO/IEC 8802-3 (Ethernet) technology. This part of the IEC 62439 series specifies two redundancy protocols designed to provide seamless recovery in case of single failure of an inter-bridge link or bridge in the network, which are based on the same scheme: duplication of the LAN, resp. duplication of the transmitted information.

Keel en

Asendab EVS-EN 62439-3:2010; EN 62439-3:2010/FprA1

FprEN ISO 11073-10420

Identne FprEN ISO 11073-10420:2012

ja identne ISO/FDIS 11073-10420:2012

Tähtaeg 29.06.2012

Health informatics - Personal health device communication - Part 10420: Device specialization - Body composition analyzer (ISO/FDIS 11073-10420:2012)

Within the context of the ISO/IEEE 11073 family of standards for device communication, this standard establishes a normative definition of the communication between personal body composition analyzing devices and managers (e.g. cell phones, personal computers, personal health appliances, set top boxes) in a manner that enables plug-and-play interoperability. It leverages appropriate portions of existing standards including ISO/IEEE 11073 terminology and IEEE Std 11073-20601™-20081 information models. It specifies the use of specific term codes, formats, and behaviors in telehealth environments restricting optionality in base frameworks in favor of interoperability. This standard defines a common core of communication functionality for personal telehealth body composition analyzer devices. In this context, body composition analyzer devices are being used broadly to cover body composition analyzer devices that measure body impedances, and compute the various body components including body fat from the impedance.

Keel en

FprEN ISO 11073-10421

Identne FprEN ISO 11073-10421:2012

ja identne ISO/FDIS 11073-10421:2012

Tähtaeg 29.06.2012

Health informatics - Personal health device communication - Part 10421: Device specialization - Peak expiratory flow monitor (peak flow) (ISO/FDIS 11073-10421:2012)

The scope of this standard is to establish a normative definition of communication between personal telehealth peak flow monitoring devices (agents) and managers (e.g., cell phones, personal computers, personal health appliances, and set top boxes) in a manner that enables plug-and-play interoperability. It leverages work done in other ISO/IEEE 11073 standards including existing terminology, information profiles, application profile standards, and transport standards. It specifies the use of specific term codes, formats, and behaviors in telehealth environments restricting optionality in base frameworks in favor of interoperability. This standard defines a common core of functionality of a peak-flow monitoring device. The use case is restricted to personal respiratory monitoring and therefore does not include hospital-based spirometry. Continuous and high-acuity monitoring (e.g., for emergency response) are outside the scope of the use case.

Keel en

FprEN ISO 11073-10472

Identne FprEN ISO 11073-10472:2012
ja identne ISO/FDIS 11073-10472:2012
Tähtaeg 29.06.2012

Health Informatics - Personal health device communication - Part 10472: Device specialization - Medication monitor (ISO/FDIS 11073-10472:2012)

Within the context of the ISO/IEEE 11073 family of standards for device communication, this standard establishes a normative definition of the communication between medication monitoring devices and managers (e.g., cell phones, personal computers, personal health appliances, set top boxes) in a manner that enables plug-and-play interoperability. It leverages appropriate portions of existing standards including ISO/IEEE 11073 terminology and information models. It specifies the use of specific term codes, formats, and behaviors in telehealth environments restricting ambiguity in base frameworks in favor of interoperability. This standard defines a common core of communication functionality for medication monitors. In this context, medication monitors are defined as devices that have the ability to determine and communicate (to a manager) measures of a user's adherence to a medication regime.

Keel en

FprEN ISO 11073-30400

Identne FprEN ISO 11073-30400:2012
ja identne ISO/FDIS 11073-30400:2012
Tähtaeg 29.06.2012

Health informatics - Point-of-care medical device communication - Part 30400: Interface profile - Cabled Ethernet (ISO/FDIS 11073-30400:2012)

This document focuses on the application of the Ethernet family (IEEE Std 802.3TM-20081) of protocols for use in medical device communication. The scope is limited to referencing the appropriate Ethernet family specifications and to calling out any specific special needs or requirements of the ISO/IEEE 11073 environment, with a particular focus on easing interoperability and controlling costs.

Keel en

FprEN ISO 16484-5

Identne FprEN ISO 16484-5:2012
ja identne ISO/FDIS 16484-5:2012
Tähtaeg 29.06.2012

Building automation and control systems - Part 5: Data communication protocol (ISO/FDIS 16484-5:2012)

This part of ISO 16484 defines data communication services and protocols for computer equipment used for monitoring and control of heating, ventilation, air-conditioning and refrigeration (HVAC&R) and other building systems. It defines, in addition, an abstract, object-oriented representation of information communicated between such equipment, thereby facilitating the application and use of digital control technology in buildings. The scope and field of application are furthermore detailed in Clause 2 of the enclosed ANSI/ASHRAE publication.

Keel en

Asendab EVS-EN ISO 16484-5:2011

prEN 14890-1

Identne prEN 14890-1:2012
Tähtaeg 29.06.2012

Application Interface for smart cards used as Secure Signature Creation Devices - Part 1: Basic services

This part specifies mandatory mechanisms for smart cards to be used as secure signature creation devices covering Signature creation User verification Device authentication Establishment of a secure channel others. The specified mechanisms are suitable for other purposes like services in the context of IAS.

Keel en

Asendab EVS-EN 14890-1:2009

prEN 16425

Identne prEN 16425:2012
Tähtaeg 29.06.2012

Simple Publishing Interface

The scope of this NWI is to develop an Application Programming Interface (API) for querying learning object repositories. The aim is to produce an abstract API together with a set of bindings to different technologies.

Keel en

prEN 16426

Identne prEN 16426:2012
Tähtaeg 29.06.2012

Simple Query Interface

The scope of this NWI is to develop a protocol that facilitates the transfer of metadata and content from tools that produce learning materials to applications that persistently manage learning objects and metadata.

Keel en

prEN 50174-3

Identne prEN 50174-3:2012

Tähtaeg 29.06.2012

**Infotehnoloogia. Juhtmete paigaldamine. Osa 3:
Väljaspool hooneid asuvate süsteemide
planeerimine ja paigaldamine**

This European Standard specifies requirements and provides recommendations for the following aspects of information technology cabling: a) planning; b) installation practice. This European Standard is applicable to all types of information technology cabling outside buildings including generic cabling systems designed in accordance with EN 50173 series. The requirements and recommendations of this European Standard may be applied to cabling that is defined as part of the building. The requirements and recommendations of Clauses 4, 5 and 6 of this European Standard are subject to any site-specific requirements and recommendations of Clause 7. The planning of the pathway systems, spaces and structures within the core and access network cabling as described in Figure 2 is excluded (unless they are the property of the premises owner between the PEF and the buildings within the premises) except for requirements and recommendations that provide basic safety, function and environmental objectives for mechanical, ingress and climatic characteristics (i.e. excluding pathway dimensions, distribution of spaces and similar constraints based on specific transmission methods). The installation practices applicable to all cabling installation methods are included by the provision of the necessary planning requirements and recommendations associated with each one with the exception of information technology cabling installed: - around or within aerial power supply or associated earth conductors; - on infrastructures carrying power supplies in excess of AC/DC 25 kV.

Keel en

Asendab EVS-EN 50174-3:2004

prEN ISO 10781

Identne prEN ISO 10781:2012

ja identne ISO/DIS 10781:2012

Tähtaeg 29.06.2012

**Electronic health record-system functional model
(ISO/DIS 10781:2012)**

This conformance clause defines the minimum requirements for functional profiles claiming conformance to the EHR System Functional Model. It also identifies how EHR systems achieve conformance to the Functional Model, which is via the system's conformance to a particular functional domain profile, multiple functional profiles, or combination of domain and companion profiles. This clause specifies: - The purpose, structure, and use of conformance criteria that are to be included in the Functional Model and conforming functional profiles, - The rules for defining conforming functional profiles of the Functional Model, - The relationship between functional profiles and EHR systems, - Sample conformance clauses and use case scenarios, - Guidance on the conformance requirements that a functional profile might levy on EHR systems, - Guidance on the purpose and use of an EHR system Conformance Statement. While the conformance requirements for functional profiles can be found in this clause, they necessarily reference the Functional Model and other sources. This conformance clause does not specify testing or validation procedures to assess a functional profile's conformance to the Functional Model. It also does not specify testing or validation procedures to determine whether an EHR system conforms to a functional profile or matches its Conformance Statement.

Keel en

Asendab EVS-EN ISO 10781:2010

prEN ISO 19101-1

Identne prEN ISO 19101-1:2012

ja identne ISO/DIS 19101-1:2012

Tähtaeg 29.06.2012

**Geographic information - Reference model - Part 1:
Fundamentals (ISO/DIS 19101-1:2012)**

This International Standard defines the reference model for standardization in the field of geographic information. This reference model describes the notion of interoperability and sets forth the fundamentals by which this standardization takes place. The description of the reference model is supported by a conceptual framework. The conceptual framework is a mechanism to structure the scope of the standardization activity in geographic information according to the interoperability description. It identifies the various facets of standardization and the relationships that exist between them. This reference model settles the role of semantics, how the new technologies such as the Web and many emerging ways of accessing it, and how the Semantic Web can support interoperability in the field of geographic information. It also provides an umbrella under which additional specific reference models on particular facets of geographic information standardization would be required. Although structured in the context of information technology and information technology standards, this International Standard is independent of any application development method or technology implementation approach.

Keel en

Asendab EVS-EN ISO 19101:2005

prEVS-ISO/IEC 25000

ja identne ISO/IEC 25000:2005

Tähtaeg 29.06.2012

Tarkvaratehnika. Tarkvaratoote kvaliteedinõuded ja kvaliteedi hindamine (SQuaRE). Sarja SQuaRE teejuht

See standard annab juhiseid tarkvaratoote kvaliteedinõuete ja kvaliteedi hindamise uue standardisarja (SQuaRE) kasutamiseks. Selle teejuhi eesmärk on anda üldine ülevaade sarja SQuaRE sisust, ühistest etalonmudelitest ja määratlustest ning ka seostest dokumentide vahel, võimaldades kasutajail vastavalt nende kasutuseesmärkidele saada head ettekujutust sellest standardisarjast. Selles dokumendis seletatakse ülemineku protsessi vanadelt sarjadelt ISO/IEC 9126 ja 14598 sarjale SQuaRE ning antakse ka teavet selle kohta, kuidas kasutada sarju ISO/IEC 9126 ja 14598 nende senisel kujul.

Standardisari SQuaRE on mõeldud, kuid mitte ainult, tarkvaratoodete väljatöötajatele, hankijaile ja sõltumatuile hindajaile, eriti neile, kes vastutavad tarkvara kvaliteedinõuete spetsifitseerimise ja tarkvaratoodete hindamise eest. Sarja SQuaRE ning ka standardisarjade ISO/IEC 14598 ja 9126 kasutajail on soovitatav kasutada ka käesolevat standardit juhiseina oma ülesannete täitmisel.

Keel et

43 MAANTEESÕIDUKITE EHITUS

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TS 15430-2:2012

Hind 10,19

Identne CEN/TS 15430-2:2012

Winter and road service area maintenance equipment - Data acquisition and transmission - Part 2: Protocol for data transfer between information supplier and client application server

The function of this Technical Specification is to combine any vehicle equipment with different board computers to any client application server. The communication interface on vehicle is defined by EN 15430-1:2007+A1:2011. The interface between the information supplier server and the client application server is defined as a specific protocol (flow 3), object of the present Technical Specification. This makes interchangeability possible on both sides of the communication without any restriction in the range of communication technology including memory card, WLAN, GPRS or any other communication media.

Keel en

EVS-HD 60364-7-722:2012

Hind 8,01

Identne HD 60364-7-722:2012

Low voltage electrical installations - Part 7-722: Requirements for special installations or locations - Supply of electric vehicle

The particular requirements contained in this part of HD 60364 apply to: - circuits intended to supply electric vehicles for charging purposes; - protection for safety when feeding back electricity from the electric vehicles into the private and public supply network. Inductive charging is not covered. Electrical vehicles charging modes 3 and 4, as defined in EN 61851, require dedicated supply and charging equipment incorporating control and communication circuits (see EN 61851). Modes 1 and 2, as defined in EN 61851, can be achieved by connection of an electric vehicle to mains socket outlets.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

prEN ISO 11439

Identne prEN ISO 11439:2012

ja identne ISO/DIS 11439:2012

Tähtaeg 29.06.2012

Gas cylinders - High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles (ISO/DIS 11439:2012)

This International Standard specifies minimum requirements for serially produced light-weight refillable gas cylinders intended only for the on-board storage of high pressure compressed natural gas as a fuel for automotive vehicles to which the cylinders are to be fixed. The service conditions do not cover external loadings that can arise from vehicle collisions, etc. This International Standard covers cylinders of any steel, aluminium or non-metallic material construction, using any design or method of manufacture suitable for the specified service conditions. This International Standard does not cover cylinders of stainless steel or of welded construction. Although this standard uses 200 bar as a reference working pressure, other working pressures can be used. Cylinders covered by this International Standard are designated Type 1, Type 2, Type 3 and Type 4.

Keel en

Asendab EVS-EN ISO 11439:2001

45 RAUDTEETEHNIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 50388:2012

Hind 17,08

Identne EN 50388:2012

Raudteealased rakendused. Energiavarustus ja veerevkoosseis. Energiavarustuse (alajaama) ja veerevkoosseisu vahelise koostalitusvõime saavutamise kooskõlastatud tehnilised tingimused

This European Standard establishes requirements for the compatibility of rolling stock with infrastructure particularly in relation to: - co-ordination of protection principles between power supply and traction units, especially fault discrimination for short-circuits; - co-ordination of installed power on the line and the power demand of trains; - co-ordination of traction unit regenerative braking and power supply receptivity; - co-ordination of harmonic behaviour. This European Standard deals with the definition and quality requirements of the power supply at the interface between traction units and fixed installations. This European Standard specifies the interface between rolling stock and electrical fixed installations for traction, in respect of the power supply system. The interaction between pantograph and overhead contact line is dealt with in EN 50367. The interaction with the "control-command" subsystem (especially signalling) is not dealt with in this standard. Requirements are given for TSI lines (both high speed and conventional) and classical lines. For classical lines, values, where given, are for the existing European networks. Furthermore the maximum values that are specified are applicable to the foreseen developments of the infrastructure of the Trans European rail networks. The following electric traction systems are within scope: - railways; - guided mass transport systems that are integrated with railways; - material transport systems that are integrated with railways. This European Standard does not apply retrospectively to rolling stock already in service. Information is given on electrification parameters such as to enable train operating companies to confirm, after consultation with the rolling stock manufacturers, that there will be no consequential disturbance on the electrification system.

Keel en

Asendab EVS-EN 50388:2005; EVS-EN 50388:2005/AC:2010

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 50388:2005

Identne EN 50388:2005

Raudteealased rakendused. Energiavarustus ja veerevkoosseis. Energiavarustuse (alajaama) ja veerevkoosseisu vahelise koostalitusvõime saavutamise kooskõlastatud tehnilised tingimused

This European Standard is intended to be used to set up the requirements for the acceptance of rolling stock on infrastructure in the field of: - co-ordination of protection principles between power supply and traction units, especially fault discrimination for short-circuits; - co-ordination of installed power on the line and power demand of the trains; - co-ordination of traction unit regenerative braking and power supply receptivity; - co-ordination of harmonic behaviour.

Keel en

Asendatud prEN 50388; EVS-EN 50388:2012

EVS-EN 50388:2005/AC:2010

Identne EN 50388:2005

Raudteealased rakendused. Energiavarustus ja veerevkoosseis. Energiavarustuse (alajaama) ja veerevkoosseisu vahelise koostalitusvõime saavutamise kooskõlastatud tehnilised tingimused

Keel en

Asendatud EVS-EN 50388:2012

KAVANDITE ARVAMUSKÜSITLUS

EN 15528:2008/FprA1

Identne EN 15528:2008/FprA1:2012

Tähtaeg 29.06.2012

Raudteealased rakendused. Liinikategooriad veeremi ja infrastruktuuri piirkormuste vahelise ühilduvuse määramiseks

Käesolevas Euroopa standardis on kirjeldatud olemasolevate raudteeliinide ja raudteeveeremi liigitusmeetodeid. Standardis on kindlaks määratud tehnilised nõuded veeremi ja infrastruktuuri omaduste ühilduvuse tagamiseks. Standard sobib ühilduvuse tagamiseks kaubaveo-, reisijateveo- ja segaveoliinidel ning sisaldab nõudeid seoses: - raudtee infrastruktuuri vertikaalkandevõime liigitamisega; - raudteeveeremi konstruktsiooniga; - kaubavagunite suurima lubatud kasuliku koormuse kindlakstegemisega. Infrastruktuuri ja veeremi liigitamise kokkuvõtte on antud lisas B. Rööbastee teerajatiste, pealisehitiste ja muldkehade vertikaalkandevõime hindamine lisas A kindlaksmääratud koormusmudelite kasutamise võimaldab liigitada infrastruktuuri liinikategooriatesse. Käesolevas Euroopa standardis on kirjeldatud veeremi ja raudteeliinide infrastruktuuri ühilduvuse kindlakstegemist tavaliste talitusolude korral vertikaalkoormusmõjudega seotud täiendavate kontrollimisteta. Standardis kirjeldatud meetodika ei ole kasutatav kiirraudteeliinide suhtes. Standardi käsitusallas ei kuulu ka kallutuva kerega veerem ning rööbasmasinad ja rööbaskraanad. Standardis ei ole käsitletud Suurbritannias kasutatavat kõikide liinide ja raudteeveeremi liigitamiseks kasutatavat RA-süsteemi (Route Availability System). RA-süsteemile vastava liigituse ja käesolevale standardile vastavate liinikategooriate vastavus on antud lisas C. Standardis ei ole käsitletud rongi suurima kogumassiga ega rongi suurima pikkusega seotud nõudeid. Standardis sätestatud nõuded ei asenda suurimaid lubatud ratta/rööpa dünaamilisi kontaktjõude, veeremi sõiduomadusi, veeremi konstruktsiooniga seotud piiranguid jms käsitlevaid eeskirju.

Keel en

prEN 50153

Identne prEN 50153:2012

Tähtaeg 29.06.2012

Raudteelased rakendused. Veerem. Elektrihuga seotud kaitsemeetmed

This European Standard offers a set of rules that are applied in the design and manufacture of electrical installations and equipment to be used on rolling stock to protect the persons from electric shocks. The methods used to satisfy the rules may differ, in accordance with the procedures and practices of the operating organization. This European Standard is applicable to rolling stock of rail transport systems, road transport systems, if they are powered by an external supply (e.g. trolley buses), magnetic levitated transport systems and to the electrical equipment installed in these systems. This European Standard does not apply to - mine railways in underground mines, - crane installations, moving platforms and similar transport systems on rails, - funicular railways, - temporary constructions. - Testing against the requirements of this European Standard is not included. For this, refer to EN 50215.

Keel en

Asendab EVS-EN 50153:2005

prEN 50343

Identne prEN 50343:2012

Tähtaeg 29.06.2012

Railway applications - Rolling stock - Rules for installation of cabling

This European Standard specifies requirements for the installation of cabling on railway vehicles and within electrical enclosures on railway vehicles, including magnetic levitation trains and trolley buses. NOTE With respect to trolley buses, this European Standard applies to the whole electric traction system, including current collecting circuits, power converters and the respective control circuits. The installation of other circuits is covered by street vehicle standards for example those for combustion driven buses. This European Standard covers cabling for making electrical connections between items of electrical equipment, including cables, busbars, terminals and plug/socket devices. It does not cover special effect conductors like fibre optic cables or hollow conductors (waveguides). The material selection criteria given here are applicable to cables with a copper conductor. This European Standard is not applicable to the following: - special purpose vehicles, such as track-laying machines, ballast cleaners and personnel carriers; - vehicles used for entertainment on fairgrounds; - vehicles used in mining; - electric cars; - funicular railways. As the field of cabling in rolling stock is also dealt with in the cable makers' standard, references are made to EN 50264 series, EN 50306 series, EN 50382 series and EN 50355. This European Standard applies in conjunction with the relevant product and installation standards. Stricter requirements than those given in this European Standard may be necessary.

Keel en

Asendab EVS-EN 50343:2003

47 LAEVAEHITUS JA MERE-EHITISED

KAVANDITE ARVAMUSKÜSITLUS

prEN ISO 10088

Identne prEN ISO 10088 rev:2012

ja identne ISO/DIS 10088:20

Tähtaeg 29.06.2012

Väikelaevad. Püsipaigaldusega toitesüsteem mootorile (ISO/DIS 10088:2012)

This International Standard specifies the requirements for the design, materials, construction, installation and testing of permanently installed fuel systems as installed for internal combustion engines. It applies to all parts of permanently installed diesel and petrol fuel systems as installed, from the fuel fill opening to the point of connection with the propulsion or auxiliary engine on inboard- and outboard-powered small craft of up to 24 m hull length. Requirements for the design, materials, construction and testing of permanently installed fixed fuel tanks are given in ISO 21487

Keel en

Asendab EVS-EN ISO 10088:2009

49 LENNUNDUS JA KOSMOSETEHNIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 2213:2012

Hind 6,47

Identne EN 2213:2012

Aerospace series - Steel FE-PL1505 (15CrMoV6) - Air melted - Hardened and tempered - Bars - De ≤ 16 mm - 980 MPa ≤ Rm ≤ 1 180 MPa

This European Standard specifies the requirements relating to: Steel FE-PL1505 (15CrMoV6) Air melted Hardened and tempered Bars De ≤ 16 mm 980 MPa ≤ Rm ≤ 1 180 MPa for aerospace applications.

Keel en

EVS-EN 2234:2012

Hind 8,01

Identne EN 2234:2012

Aerospace series - Cable, electrical, fire resistant - Technical specification

This European Standard specifies the required characteristics and test procedures for fire resistant or fireproof electrical cables for use in aircraft electrical systems. These cables should also maintain a specific surface resistance when they are subjected to a flame of 1 100 °C after 5 minutes (fire resistant) or 15 minutes (fire-proof) exposure. They should be rated at an a.c. voltage of 600 V r.m.s., a frequency of maximum 2 000 Hz and a long term temperature of up to 260 °C (ambient temperature plus temperature rise in conductor).

Keel en

EVS-EN 2311:2012

Hind 12,51

Identne EN 2311:2012

Aerospace series - Bushes with self-lubricating liner - Technical specification

This European Standard specifies the required characteristics, inspections and tests, quality assurance and qualification, acceptance and delivery conditions for bushes, designed to be subjected under load, to slow sliding movements, rotations and small oscillations only for aerospace applications. This standard applies to all bushes when referred to in respective product standards or in a design documentation. The liner is designed to be used in the temperature range of -50 °C to 163 °C. Aluminium bushes are limited to -55 °C to 121 °C.

Keel en

Asendab EVS-EN 2311:2003

EVS-EN 2835:2012

Hind 6,47

Identne EN 2835:2012

Aerospace series - Chloroprene rubber (CR) - Heat resistance - Hardness 40 IRHD

This European Standard specifies the properties of chloroprene rubber (CR) 1) heat resistant, hardness 40 IRHD, for aerospace applications.

Keel en

EVS-EN 2836:2012

Hind 6,47

Identne EN 2836:2012

Aerospace series - Chloroprene rubber (CR) - Heat resistance - Hardness 50 IRHD

This European Standard specifies the properties of chloroprene rubber (CR) 1) heat resistant, hardness 50 IRHD, for aerospace applications.

Keel en

EVS-EN 2837:2012

Hind 6,47

Identne EN 2837:2012

Aerospace series - Chloroprene rubber (CR) - Heat resistance - Hardness 60 IRHD

This European Standard specifies the properties of chloroprene rubber (CR) 1) heat resistant, hardness 60 IRHD, for aerospace applications.

Keel en

EVS-EN 3155-035:2012

Hind 9,49

Identne EN 3155-035:2012

Aerospace series - Electrical contacts used in elements of connection - Part 035: Contacts, electrical, triaxial, size 08, female, type D, crimp, class R- Product standard

This European Standard specifies the required characteristics, tests and tooling applicable to female electrical triaxial contacts, size 08, type D, crimp, class R, used in element of connection according to EN 3155-002. It should be used together with EN 3155-001. The associated male contacts are defined in EN 3155-034 and EN 3155-042.

Keel en

Asendab EVS-EN 3155-035:2007

EVS-EN 3182:2012

Hind 6,47

Identne EN 3182:2012

Aerospace series - Ball bearings, rigid in corrosion resisting steel cadmium plated, for control cable pulleys - Dimensions and loads

This European Standard specifies the characteristics of ball bearings fitted with shields of seals, for aircraft control cable pulleys. The pulley bearings defined in this standard shall be used from -54 °C to 150 °C. However, being lubricated with the following greases: - very high pressure grease, ester type (code A), operational range -73 °C to 121 °C or - very high pressure grease, synthetic hydrocarbons, general purpose (code B), operational range -54 °C to 177 °C (refer to EN 2062); their field of application when lubricated with code A grease shall be limited to 121 °C.

Keel en

EVS-EN 3278:2012

Hind 6,47

Identne EN 3278:2012

Aerospace series - Sleeves, tubular, protruding head, in corrosion resisting steel, passivated (0,25 mm wall thickness)

This European standard specifies the characteristics and technical requirements for protruding head tubular sleeves, in corrosion resisting steel, which may be plain or provided with a series of annular grooves. They are for use in aerospace assemblies whose maximum operating temperature does not exceed 650 °C.

Keel en

EVS-EN 3373-007:2012

Hind 8,01

Identne EN 3373-007:2012

Aerospace series - Terminal lugs and in-line splices for crimping on electric conductors - Part 007: Nickel plated aluminium terminal lugs for crimping on nickel plated aluminium cable for inch series studs - Product standard

This product defines the characteristics of nickel plated aluminium terminal lugs for crimped connection on nickel plated aluminium conductors. This terminal is delivered blocked with plastic cap and with factory installed O'ring and the barrel internal part is coated with a special grease which should not be removed before crimping on cable. This European Standard should be used in conjunction with EN 3373-001.

Keel en

EVS-EN 3373-008:2012

Hind 7,38

Identne EN 3373-008:2012

Aerospace series - Terminal lugs and in-line splices for crimping on electric conductors - Part 008: Copper lugs nickel plated ring shaped for copper conductors nickel plated for inch series studs up to 340 °C - Product standard

This European Standard specifies nickel plated copper lugs ring shape for crimping on nickel plated copper conductors specified in EN 2083. They are for use on inch dimensioned studs at temperatures up to 340 °C. This standard should be used in conjunction with EN 3373-001.

Keel en

EVS-EN 3706:2012

Hind 5,62

Identne EN 3706:2012

Aerospace series - Headless threaded plugs, cross recess, in aluminium alloy 5086

This European standard specifies characteristics of headless threaded plugs, cross recess, in aluminium alloy 5086, for aerospace purpose.

Keel en

EVS-EN 3707:2012

Hind 6,47

Identne EN 3707:2012

Aerospace series - Headless threaded plugs - Installation holes

This European Standard specifies the dimensions of the installation holes for headless plugs to EN 3706 for sealing drilled fluid systems. The maximum operating temperature is 200 °C.

Keel en

EVS-EN 3718:2012

Hind 8,01

Identne EN 3718:2012

Aerospace series - Test method for metallic materials - Ultrasonic inspection of tubes

This European Standard specifies the requirements for ultrasonic inspection of tubes in metallic materials with an external diameter ≥ 5 mm. For other cases, the use of this standard is by agreement between the manufacturer and the purchaser. The purpose of the ultrasonic inspection is the detection of defects within the wall thickness and at the outer and inner surfaces of the tube. The method will detect two dimensional defects in the longitudinal and circumferential directions perpendicular to the tube wall. Where inspection for other types of defects is required, this requirements should be stated on the order.

Keel en

EVS-EN 4687:2012

Hind 10,19

Identne EN 4687:2012

Aerospace series - Paints and varnishes - Chromate free non corrosion inhibiting two components cold curing primer for military application

This European Standard defines the requirements for a two components, chromate and lead free epoxy, non corrosion inhibiting primer. The coating should be suitable for use on fibre reinforced composite materials, titanium and corrosion resistant steels and other suitably prepared corrosion resistant substrates.

Keel en

EVS-EN 4688:2012

Hind 10,19

Identne EN 4688:2012

Aerospace series - Paints and varnishes - Corrosion inhibiting two components cold curing primer for military application

This European Standard defines the requirements for a two components, high corrosion inhibiting epoxy primer. The coating should be suitable for use on suitably prepared metallic substrates, chromic acid anodized or conversion coated aluminium alloys, fibre reinforced composite materials and other suitably prepared substrates.

Keel en

EVS-EN 4689:2012

Hind 12,51

Identne EN 4689:2012

Aerospace series - Paints and varnishes - Two components cold curing polyurethane finish - High flexibility and chemical agent resistance for military application

This European Standard specifies the requirements for a two components flexible polyurethane top coat to be applied over EN 4687 and/or EN 4688 primers mainly for exterior aerospace applications. The primer and the finish tested to this specification will be from the same manufacturer applied in accordance with (i.a.w.) their instruction / Table 1.

Keel en

EVS-EN 6049-006:2012

Hind 6,47

Identne EN 6049-006:2012

Aerospace series - Electrical cables, installation - Protection sleeve in meta-aramid fibres - Part 006: Self-wrapping protective sleeve, flexible post installation - Product standard

This European Standard specifies the characteristics of post installation flexible self-wrapping protection sleeves for electrical cable and cable bundles made from meta-aramid fibres and provided with a water repelled protection for aerospace application.

Keel en

EVS-EN 6049-007:2012

Hind 6,47

Identne EN 6049-007:2012

Aerospace series - Electrical cables, installation - Protection sleeve in meta-aramid fibres - Part 007: Self-wrapping protective sleeve, flexible post installation operating temperature from - 55 °C to 260 °C - Product standard

This European Standard specifies the characteristics of post installation flexible self-wrapping protection sleeves for electrical cable and cable bundles made from meta-aramid fibres and provided with a water repellent protection for aerospace application. This self-wrapping protection sleeve can be also used as an electrical protection under specified conditions. (115 VAC/400 Hz, 15 A max per conductor – as per test EN 6059-502).

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 2311:2003**

Identne EN 2311:1987

Aerospace series. Bushes with self-lubricating liner. Technical specification

This standard specifies the required characteristics, inspections and tests, qualification, acceptance and delivery conditions for bushes designed to be subjected under load, to slow sliding movements, rotations and small oscillations only

Keel en

Asendatud EVS-EN 2311:2012

EVS-EN 3155-035:2007

Identne EN 3155-035:2006

Aerospace series - Electrical contacts used in elements of connection - Part 035: Contacts, electrical, triaxial, size 08, female, type D, crimp, class R - Product standard

This standard specifies the required characteristics, tests and tooling applicable to female electrical triaxial contacts, size 08, type D, crimp, class R, used in element of connection according to EN 3155-002.

Keel en

Asendatud EVS-EN 3155-035:2012

53 TÕSTE- JA TEISALDUS-SEADMED

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 13001-3-1:2012

Hind 23,62

Identne EN 13001-3-1:2012

Cranes - General Design - Part 3-1: Limit States and proof competence of steel structure

This European Standard is to be used together with EN 13001-1 and EN 13001-2 and as such they specify general conditions, requirements and methods to prevent mechanical hazards of cranes by design and theoretical verification. NOTE Specific requirements for particular types of cranes are given in the appropriate European Standard for the particular crane type. The following is a list of significant hazardous situations and hazardous events that could result in risks to persons during intended use and reasonably foreseeable misuse. Clauses 4 to 8 of this standard are necessary to reduce or eliminate risks associated with the following hazards: a) exceeding the limits of strength (yield, ultimate, fatigue); b) exceeding temperature limits of material or components; c) elastic instability of the crane or its parts (buckling, bulging). This European Standard is not applicable to cranes which are manufactured before the date of its publication as EN and serves as reference base for the European Standards for particular crane types (see Annex I). NOTE EN 13001-3-1 deals only with the limit state method in accordance with EN 13001-1.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

prEN 12881-1

Identne prEN 12881-1:2012

Tähtaeg 29.06.2012

Konveierilindid. Süttivuskatsed tulesimulatsiooniga. Osa 1: Katsed propaanipõletiga

This part of EN 12881 describes three methods for measuring the propagation of a flame along a conveyor belt which has been exposed to a relatively high localised heat source such as a fire. The damage suffered by the conveyor belt, as well as its tendency to support combustion, is measured by observing the extent to which the fire spreads along the test piece. Method A uses a test piece 2 m in length and consumes propane gas through the burner at the rate of $(1,30 \pm 0,05)$ kg per 10 min. Method B uses a test piece 1,5 m in length and consumes propane gas through the burner at the rate of (565 ± 10) g per 50 min. Method C uses a test piece 1,2 m in length and consumes propane gas through the burner at the rate of 150 l per hour (D1) or 190 l per hour (D2).

Keel en

Asendab EVS-EN 12881-1:2005+A1:2008

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 61340-4-4:2012

Hind 15,4

Identne EN 61340-4-4:2012

ja identne IEC 61340-4-4:2012

Electrostatics - Part 4-4: Standard test methods for specific applications - Electrostatic classification of flexible intermediate bulk containers (FIBC)

This part of IEC 61340 specifies requirements for flexible intermediate bulk containers (FIBC) between 0,25 m³ and 3 m³ in volume, intended for use in hazardous explosive atmospheres. The explosive atmosphere may be created by the contents in the FIBC or may exist outside the FIBC. The requirements include: - classification and labelling of FIBC; - classification of inner liners; - specification of test methods for each type of FIBC and inner liner; - design and performance requirements for FIBC and inner liners; - safe use of FIBC (including those with inner liners) within different zones defined for explosion endangered environments, described for areas where combustible dusts are, or may be, present (IEC 60079-10-2), and for explosive gas atmospheres (IEC 60079-10-1); - procedures for type qualification and certification of FIBC, including the safe use of inner liners.

Keel en

Asendab EVS-EN 61340-4-4:2005

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 61340-4-4:2005

Identne EN 61340-4-4:2005

ja identne IEC 61340-4-4:2005

Electrostatics Part 4-4: Standard test methods for specific applications – Electrostatic classification of flexible intermediate bulk containers (FIBC)

Describes procedures for evaluating the ignition risk presented by electrostatic discharges from FIBC to flammable or explosive environments. The requirements of this standard are applicable to all types of FIBC, tested as manufactured, prior to usage, intended for use without liners in flammable or explosive environments with minimum ignition energy of more than 0,14 mJ, and where the charging currents do not exceed 3,0 A. NOTE 0,14 mJ is the minimum ignition energy normally quoted for methanol.

Keel en

Asendatud EVS-EN 61340-4-4:2012

KAVANDITE ARVAMUSKÜSITLUS

FprEN 60286-4

Identne FprEN 60286-4:2012

ja identne IEC 60286-4:201X

Tähtaeg 29.06.2012

Packaging of components for automatic handling - Part 4: Stick magazines for electronic components encapsulated in packages of different forms

Stick magazines (including end stoppers) are intended to be used for storage of electronic components, for transport from the manufacturer to the customer and for in-house use in the manufacturing plant. They are also used to feed automatic placement machines for surface mounting as well as for through-hole mounting of electronic components.

Keel en

Asendab EVS-EN 60286-4:2003

59 TEKSTIILI- JA NAHATEHNOLOOGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN ISO 3758:2012

Hind 12,51

Identne EN ISO 3758:2012

ja identne ISO 3758:2012

Tekstiil. Hooldustähistuse süsteem (ISO 3758:2012)

This International Standard establishes a system of graphic symbols, intended for use in the marking of textile articles, and for providing information on the most severe treatment that does not cause irreversible damage to the article during the textile care process, and specifies the use of these symbols in care labelling. The following domestic treatments are covered: washing, bleaching, drying and ironing. Professional textile care treatments in dry and wet cleaning, but excluding industrial laundering, are also covered. However, it is recognized that information imparted by the domestic symbols will also be of assistance to the professional cleaner and launderer. NOTE Symbols for industrial laundering can be found in ISO 30023. This International Standard applies to all textile articles in the form in which they are supplied to the end user.

Keel en

Asendab EVS-EN ISO 3758:2005

EVS-EN ISO 6330:2012

Hind 15,4

Identne EN ISO 6330:2012

ja identne ISO 6330:2012

Tekstiil - Koduse pesemise ja kuivatamise menetlused tekstiili testimisel (ISO 6330:2012)

1.1 This International Standard specifies domestic washing and drying procedures for textile testing. The procedures are applicable to textile fabrics, garments or other textile articles which are subjected to appropriate combinations of domestic washing and drying procedures. This International Standard also specifies the reference detergents and ballasts for the procedures.

1.2 Provision is made for a) 13 different washing procedures based on the use of the reference washing machine Type A: horizontal axis, front-loading type, b) 11 procedures based on the use of the reference washing machine Type B: vertical axis, top-loading agitator type, and c) 7 procedures based on the use of the reference washing machine Type C: vertical axis, top-loading pulsator type. 1.3 Each washing procedure represents a single domestic wash. 1.4 This International Standard also specifies six drying procedures: A - Line dry B - Drip line dry C - Flat dry D - Drip flat dry E - Flat press F - Tumble dry 1.5 A complete test consists of a washing and drying procedure.

Keel en

Asendab EVS-EN ISO 6330:2001; EVS-EN ISO 6330:2001/A1:2009

EVS-EN ISO 17076-1:2012

Hind 6,47

Identne EN ISO 17076-1:2012

ja identne ISO 17076-1:2012

Leather - Determination of abrasion resistance - Part 1: Taber method (ISO 17076-1:2012)

This part of ISO 17076 specifies a method of determining the abrasion resistance of leather using a Taber apparatus.

Keel en

Asendab EVS-EN 14327:2004

EVS-EN ISO 26082-1:2012

Hind 7,38

Identne EN ISO 26082-1:2012

ja identne ISO 26082-1:2012

Leather - Physical and mechanical test methods for the determination of soiling - Part 1: Rubbing (Martindale) method (ISO 26082-1:2012)

This part of ISO 26082 specifies a method for determining the resistance of all forms of leather to visible soiling through repeated contact with soiled objects. It provides a physical pretreatment routine for leathers that may be vulnerable to loss of soiling resistance while in service, prior to conducting further tests such as cleaning.

Keel en

Asendab EVS-EN ISO 26082:2008

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 14327:2004

Identne EN 14327:2003

Leather - Physical and mechanical tests - Determination of abrasion resistance of upholstery leather

This European Standard specifies a method of determining the abrasion resistance of automotive leather.

Keel en

Asendatud EVS-EN ISO 17076-2:2011; EVS-EN ISO 17076-1:2012

EVS-EN ISO 3758:2005

Identne EN ISO 3758:2005

ja identne ISO 3758:2005

Tekstiil. Hooldustähistuse süsteem

Standard kehtestab graafiliste sümbolite süsteemi, mis on ette nähtud tekstiiltoodete püsivärvimiseks, esitades tekstiiltoodete õigeks hooldamiseks olulist infot, ning määrab kindlaks nende sümbolite kasutamise hooldusmäärgistel.

Keel et

Asendab EVS-EN 23758:1999

Asendatud EVS-EN ISO 3758:2012

EVS-EN ISO 6330:2001

Identne EN ISO 6330:2000

ja identne ISO 6330:2000

Tekstiil - Koduse pesemise ja kuivatamise menetlused tekstiili testimisel

See standard määrab kindlaks koduse pesemise ja kuivatamise menetlused tekstiili katsetamisel. Menetlusi kasutatakse tekstiilkangaste, rõivaste ja teiste tekstiiltoodete puhul, mida koduselt pestakse ja kuivatatakse.

Keel en

Asendatud EVS-EN ISO 6330:2012

EVS-EN ISO 6330:2001/A1:2009

Identne EN ISO 6330:2000/A1:2009

ja identne ISO 6330:2000/Amd 1:2008

Tekstiil - Koduse pesemise ja kuivatamise menetlused tekstiili testimisel

See standard määrab kindlaks koduse pesemise ja kuivatamise menetlused tekstiili katsetamisel. Menetlusi kasutatakse tekstiilkangaste, rõivaste ja teiste tekstiiltoodete puhul, mida koduselt pestakse ja kuivatatakse.

Keel en

Asendatud EVS-EN ISO 6330:2012

EVS-EN ISO 26082:2008

Identne EN ISO 26082:2007

ja identne ISO 26082:2007

Leather - Physical and mechanical tests - Determination of soiling with rubbing for automotive leather

This International Standard specifies, for pigmented leathers, a method for the determination of the change in colour of the leather after rubbing with a standard soiling cloth. While this method could be used for all leathers, it is particularly applicable to upholstery leathers with a finish coat, especially leather intended for automotive use. The leather specimen can be pre-treated by abrasion or flexing to simulate wear. Additionally, after soiling, the leather specimen could be subject to additional tests, such as ageing and cleaning.

Keel en

Asendatud EVS-EN ISO 26082-1:2012

KAVANDITE ARVAMUSKÜSITLUS

prEN 16416

Identne prEN 16416:2012

Tähtaeg 29.06.2012

Geosynthetic clay barriers - Determination of water flux index - Flexible wall permeameter method at constant head

This European Standard describes an index test method that covers laboratory measurement of water flux through saturated geosynthetic clay barrier (GBR-C) specimens using a flexible wall permeameter at constant head. This test method is applicable to GBR-C products with no additional sealing layers attached. This test method provides a measurement of flux under a prescribed set of conditions that can be used for manufacturing quality control. The test method can also be used to check conformance. The flux value determined using this test method is not considered to be representative of the in-service flux of a GBR-C.

Keel en

prEN 16419

Identne prEN 16419:2012

Tähtaeg 29.06.2012

Leather - Chamois leather - Classification and requirements

This European Standard applies to chamois leather and defines both requirements and standard test methods.

Keel en

65 PÖLLUMAJANDUS

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TS 16317:2012

Hind 8,72

Identne CEN/TS 16317:2012

Fertilizers - Determination of trace elements - Determination of arsenic by inductively coupled plasma-atomic emission spectrometry (ICP-AES) after aqua regia dissolution

This Technical Specification specifies a method for the determination of the content of arsenic in fertilizers using inductively coupled plasma-atomic emission spectrometry (ICP-AES) after aqua regia dissolution. Limits of quantification are dependent on the sample matrix as well as on the instrument, but can roughly be expected to be 1,5 mg/kg for As.

Keel en

CEN/TS 16318:2012

Hind 9,49

Identne CEN/TS 16318:2012

Fertilizers - Determination of trace elements - Determination of chromium(VI) by photometry (method A) and by ion chromatography with spectrophotometric detection (method B)

This Technical Specification specifies two methods for the determination of the content of soluble chromate in fertilisers. Method A specifies the determination of chromate after extraction with water by photometry. This method can be used to determine Cr(VI)-mass fractions in solids higher than 1 mg/kg. Method B specifies the determination of chromate by alkaline digestion and ion chromatography with spectrophotometric detection. This method can be used to determine Cr(VI)-mass fractions in solids higher than 0,1 mg/kg.

Keel en

CEN/TS 16319:2012

Hind 10,19

Identne CEN/TS 16319:2012

Fertilizers - Determination of trace elements - Determination of cadmium, chromium, lead and nickel by inductively coupled plasma-atomic emission spectrometry (ICP-AES) after aqua regia dissolution

This Technical Specification specifies a method for the determination of the content of cadmium, chromium, nickel and lead in fertilizers with inductively coupled plasma-atomic emission spectrometry (ICP-AES) after extraction with aqua regia. Limits of quantification are dependent on the sample matrix as well as on the instrument, but can roughly be expected to be 0,3 mg/kg for Cd and 1 mg/kg for Cr, Ni and Pb.

Keel en

CEN/TS 16320:2012

Hind 9,49

Identne CEN/TS 16320:2012

Fertilizers - Determination of trace elements - Determination of mercury by vapour generation (VG) after aqua regia dissolution

This Technical Specification specifies a method for the determination of the content of mercury in fertilizers after extraction with aqua regia and the detection of mercury by vapour generation (VG) coupled to an atomic absorption spectrometer or an inductively coupled plasma-atomic emission spectrometer. A limit of quantification of 0,01 mg/kg is to be expected.

Keel en

EVS-EN 16160:2012

Hind 9,49

Identne EN 16160:2012

Animal feeding stuffs - Determination of Hydrocyanic acid by HPLC

This European Standard is applicable to the quantitative analysis of (bound and free) hydrocyanic acid (HCN) in feed materials of plant origin and compound feed by High Performance Liquid Chromatography (HPLC). The method is validated from 10 mg HCN/kg to 350 mg HCN/kg. When the method is used outside this range it should be validated at least within the laboratory. A limit of quantification of 2 mg HCN/kg should normally be obtained.

Keel en

EVS-EN 16162:2012

Hind 12,51

Identne EN 16162:2012

Animal feeding stuffs - Determination of decoquinat by HPLC with fluorescence detection

This European Standard specifies a method for the determination of decoquinat. This high-performance liquid chromatographic (HPLC) method with a fluorescence detection is applicable to the quantification of decoquinat content in complete and complementary compound feeds, medicated feeds, semi-liquid feeds, premixtures and feed additives. The method was fully validated from LOQ to 60 000 mg/kg on different matrices during an international collaborative study [11], especially on complete compound feeds for poultry, at trace contamination level of 3 mg/kg and at European authorized level of 20 mg/kg to 40 mg/kg [12]. The limit of detection is between 0,1 mg/kg and 0,3 mg/kg and the limit of quantification is around 0,5 mg/kg. These limits were validated during the collaborative study [11], from results on the blank feed. Lower limits of detection or quantification could be reached but a single laboratory validation is then requested.

Keel en

KAVANDITE ARVAMUSKÜSITLUS**EN 15503:2009/prA1**

Identne EN 15503:2009/prA1:2012

Tähtaeg 29.06.2012

Aiatööseadmed. Lehepuhurid, imurid ja puhurid/imurid. Ohutus

This European Standard specifies the safety requirements and their verification for the design and construction of hand-held combustion engine powered and back-pack combustion engine powered, garden vacuums and garden blower/vacuums with or without shredding means and garden blowers, designed for one operator only. In addition, it specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer.

Keel en

FprEN 16195

Identne FprEN 16195:2012

Tähtaeg 29.06.2012

Fertilizers - Determination of chlorides in the absence of organic material

This European Standard specifies a method for the determination of chlorides in the absence of organic material. The method is applicable to all fertilizers which are free from organic material.

Keel en

Asendab CEN/TS 16195:2011

FprEN 16196

Identne FprEN 16196:2012

Tähtaeg 29.06.2012

Fertilizers - Manganimetric determination of extracted calcium following precipitation in the form of oxalate

This European Standard specifies a manganimetric method for the determination of the calcium content in fertilizer extracts. This method is applicable to EC fertilizers for which a declaration of the total and/or water-soluble calcium content is provided for in Regulation (EC) No 2003/2003, Annex I [3].

Keel en

Asendab CEN/TS 16196:2011

FprEN 16197

Identne FprEN 16197:2012

Tähtaeg 29.06.2012

Fertilizers - Determination of magnesium by atomic absorption spectrometry

This European Standard specifies a method for the determination of the magnesium content in fertilizer extracts using atomic absorption spectrometry (AAS). This method is applicable to EC fertilizer extracts obtained according to CEN/TS 15960 and CEN/TS 15961, for which a declaration of the total magnesium and/or water soluble magnesium content is required, with the exceptions of the following fertilizers according to [4], Annex I D relating to secondary nutrients: - type 4 (kieserite); - type 5 (magnesium sulfate) and type 5.1 (magnesium sulfate solution); - type 7 (kieserite with potassium sulfate) to which [4], method 8.8, applies. NOTE Method 8.8 is covered by CEN/TS 16198 (see Bibliography). The method applies to all fertilizer extracts containing elements in quantities that might interfere with the complexometric determination of magnesium.

Keel en

Asendab CEN/TS 16197:2011

FprEN 16198

Identne FprEN 16198:2012

Tähtaeg 29.06.2012

Fertilizers - Determination of magnesium by complexometry

This European Standard specifies a method for the determination of magnesium in fertilizer extracts by complexometry. The method is applicable to the following EC fertilizer extracts for which the determination of total magnesium and/or water-soluble magnesium is provided for according to the Regulation (EC) No 2003/2003, Annex I [3]: - fertilizers listed in [3], Annex I: straight nitrogenous fertilizers, type 1b + 1c (calcium magnesium nitrate), type 7 (magnesium sulfonitrate), type 8 (nitrogenous fertilizers with magnesium) and straight potassic fertilizers, type 2 (enriched kainite), type 4 (potassium chloride containing magnesium), type 6 (potassium sulfate containing magnesium salt); - fertilizers listed in [3], Annex I D relating to secondary nutrients.

Keel en

Asendab CEN/TS 16198:2011

FprEN 16199

Identne FprEN 16199:2012

Tähtaeg 29.06.2012

Fertilizers - Determination of the sodium extracted by flameemission spectrometry

This European Standard specifies a method for the determination of the sodium content in fertilizer extracts by flame-emission spectrometry. The method is applicable to EC fertilizers for which a declaration of the sodium content is provided for in Regulation (EC) Nr 2003/2003, Annex I [3].

Keel en

Asendab CEN/TS 16199:2011

67 TOIDUAINETE TEHNOLOOGIA**UUED STANDARDID JA PUBLIKATSIOONID****EVS-EN 13951:2012**

Hind 13,22

Identne EN 13951:2012

Vedelikupumbad. Ohutusnõuded. PõlluMajanduslikud toiduained. Hügieenilise kasutamise tagamiseks vajalikud konstruktsiooninõuded

This European Standard deals with the special technical safety requirements for liquid pumps and pump units operating with agrifood-stuff. This European Standard is intended to be used with EN 809 to give the additional requirements for hazards arising from the pumping of substances intended for human and domestic animal consumption (see Clause 4). This European Standard also establishes requirements and/or measures for the reduction of risks during use, including misuse foreseeable by the manufacturer. This European Standard is not intended to be used for pumps and pump units at any stage in the public water supply, nor for pumps handling pharmaceutical products, nor for any other application for which more appropriate standards exist. The pumps and pump units covered by this European Standard are the following: - rotodynamic pumps; - rotary positive displacement pumps; - reciprocating positive displacement pumps. Pumps dealing with agrifood-stuff which are not indicated in this scope are potentially covered by EN 1672-2:2005+A1:2009. This document is not applicable to liquid pumps for agrifoodstuff applications which are manufactured before the date of its publication as an EN.

Keel en

Asendab EVS-EN 13951:2003+A1:2008

EVS-EN 16155:2012

Hind 8,01

Identne EN 16155:2012

Foodstuffs - Determination of sucralose - High performance liquid chromatographic method

This European Standard specifies a method for the determination of sucralose in foodstuffs by high performance liquid chromatography (HPLC) by means of elution from a reversed-phased (RP) column using aqueous methanol, followed by RI detection [1]. This method has been validated in an inter-laboratory study via the analysis of sucralose (from 83 mg/kg to 737 mg/kg) in spiked samples of ketchup, mayonnaise, biscuits, yoghurt, instant beverage powder and sweets. For further information on the validation results, see Annex A.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 13951:2003+A1:2008

Identne EN 13951:2003+A1:2008

Vedelikupumbad. Ohutusnõuded.

Põllumajanduslikud toiduained. Hügieenilise kasutamise tagamiseks vajalikud konstruktsiooninõuded KONSOLIDEERITUD TEKST

This European Standard is concerned with the special technical safety requirements for liquid pumps and pump units operating with agrifoodstuffs. It augments EN 809 and contains a list of the additional significant hazards which can arise from the pump and pump units used with substances intended for human and domestic animal consumption. In drafting this standard it was assumed that the pumps falling within its scope will conform to all relevant requirement of EN 809. It also establishes requirements and/or measures which lead to a reduction of the risks. This standard is not intended to be used for pumps and pump units at any stage in the public water supply, nor for pumps handling pharmaceutical products, nor for any other application for which more appropriate standards can exist.

Keel en

Asendab EVS-EN 13951:2003

Asendatud EVS-EN 13951:2012

KAVANDITE ARVAMUSKÜSITLUS

EN 13289:2001/FprA1

Identne EN 13289:2001/FprA1:2012

Tähtaeg 29.06.2012

Pastakäitlemistehased. Kuivatid ja jahutid. Ohutus- ja hügieeninõuded

This European Standard applies to shaker pre-dryers, belt dryers, rotary dryers, nest pasta dryers, long pasta dryers and coolers, used in continuous pasta processing plants able to produce more than 100 kg/h. It specifies the safety requirements for the design, manufacture and information for use for the machines mentioned above, known with the name of dryers and coolers, classified as stationary units which cannot be moved when in operation.

Keel en

EN 13378:2001/FprA1

Identne EN 13378:2001/FprA1:2012

Tähtaeg 29.06.2012

Pastakäitlemistehased. Pasta pressid. Ohutus- ja hügieeninõuded

This European Standard specifies the safety requirements for the design, manufacture and information for safe use of pasta presses used in continuous automatic pasta processing plants able to produce more than 100 kg/h.

Keel en

EN 13379:2001/FprA1

Identne EN 13379:2001/FprA1:2012

Tähtaeg 29.06.2012

Pastakäitlemistehased. Määrija, koorimis- ja lõikamismasin, stick return konveier, stick magazine. Ohutus- ja hügieeninõuded

This European Standard applies to spreader, stripping and cutting machine, as well as the stick return conveyor and the stick magazine, used in continuous pasta processing plants able to produce more than 100 kg/h. This European standard specifies the safety requirements for the design, manufacture and information for safe use of spreader, stripping and cutting machine, as well as the stick return conveyor and the stick magazine classified as stationary units which cannot be moved when in operation.

Keel en

prEN 1672-1

Identne prEN 1672-1:2012

Tähtaeg 29.06.2012

Food processing machinery - Basic concepts - Part 1: Safety requirements

This European Standard deals with the significant hazards, hazardous situations and events relevant to commercial and industrial food processing machines as defined in Clause 3 when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). This document deals with the significant hazards, hazardous situations and events that occur during transport, assembly and installation, commissioning, setting, teaching, programming, process changeover, operation, cleaning, fault finding and maintenance. This European Standard deals with those risks which occur commonly at food processing machines and for which common technical requirements can be set which can be applied at all (or most) machines which have that particular hazard. This standard is not applicable to the following machines: - food processing machines intended for domestic use; - food processing machines covered by the machine specific standards listed in Annex C; - packaging machines; - machines used in the agricultural and animal rearing sectors. This standard does not deal with the hygiene risks to the consumer of the food product handled in the food processing machine. These risks are dealt with in EN 1672-2. This document is not applicable to food processing machines that were manufactured before the date of its publication as a European Standard.

Keel en

prEN 12268

Identne prEN 12268 rev:2012

Tähtaeg 29.06.2012

Toidutöötlemismasinad. Lintsaagimismasinad. Ohutus- ja hügieeninõuded

This European Standard specifies requirements for the design and manufacturing of band saw machines (see Figures 1 to 5). The machines covered by this European Standard are used to cut: - bones; - fresh or deep frozen meat with or without bones; - fresh or deep frozen fish, natural or in fillets; - deep frozen block products; - fresh or deep frozen vegetables; - other products such as pork fat or similar products. The band saw machines covered by this European Standard do not include band saw machines for processing wood and similar materials, and the requirements of EN 1807 do not apply. The material of the saw blade shall meet the requirements for materials in contact with food. Band saw machines for domestic use are not included in this European Standard.

Keel en

Asendab EVS-EN 12268:2003+A1:2010

prEN 12463

Identne prEN 12463 rev:2012

Tähtaeg 29.06.2012

Toidutöötlemismasinad. Villimisseadmed ja abiseadmed. Ohutus- ja hügieeninõuded

This document applies for: - filling machines with cylinder and piston, - filling machines with feed intake hopper, feeder and loading device, - auxiliary machines for filling machines. This document does not apply to filling machines with cylinder and manual operation. This document deals with all significant hazards, hazardous situations and events relevant to machines, appliances and machinery, when they are used as intended and under the conditions foreseen by the manufacturer and also the reasonable foreseeable misuse (see Clause 4). These significant hazards, hazardous situations and events exist during the whole life of filling machines. This document is not applicable to filling machines and auxiliary machines which are manufactured before the date of publication of this document by CEN. Filling machines described in this document are no forming, filling and sealing machines as described in EN 415-3. Clipping machines are not covered by this document.

Keel en

Asendab EVS-EN 12463:2004+A1:2011

prEN 15165

Identne prEN 15165:2012

Tähtaeg 29.06.2012

Food processing machinery - Forming machines - Safety and hygiene requirements

This document applies to forming machines, used for forming food products with a mould into portions, as defined in Clause 3. This document applies to both machines standing on the floor and table top machines, and also to machines integrated in a processing line (i.e. interfaces, when the machine is combined with other machines). This European standard deals with the following optional equipment: - paper interleavers; - croquette attachment; - meat ball rollers; - stick inserters; - specific material/product conveyors; - specific lifting and tilting devices. This document deals with all significant hazards, hazardous situations and events relevant to food forming machines, when they are used as intended and under conditions of misuse which are reasonable foreseeable by the manufacturer (see Clause 4). This document deals with the significant hazards, hazardous situations and events during transport, assembly and installation, commissioning and use as defined in EN ISO 12100:2010, Clause 5.4. This document is not applicable to forming machines which are manufactured before the date of publication of this document by CEN.

Keel en

71 KEEMILINE TEHNOLOOGIA**UUED STANDARDID JA PUBLIKATSIOONID****CEN/TS 15912:2012**

Hind 13,92

Identne CEN/TS 15912:2012

Durability of reaction to fire performance - Classes of fire-retardant treated wood-based product in interior and exterior end use applications

This European Technical Specification describes the characteristics which fire-retardant treated wood products should exhibit so that their fire-retardant properties persist undiminished throughout the desired service life in the anticipated conditions of use. The Technical Specification prescribes the classification requirements for the durability of the reaction to fire performance of fire-retardant treated wood-based products to be used in interior and exterior end use conditions. The products initially need to meet required reaction to fire classification. For interior and exterior use, limited hygroscopicity needs to be verified. In addition, products for exterior use needs to meet the minimum durability of reaction to fire performance requirements specific to the end use. The requirements are applicable for fire-retardant treated (applied by penetrating and superficial processes or with film forming or intumescent fire-retardant coatings) solid wood and wood-based products and woodbased products in which the fire-retardant is incorporated during manufacture. The fire-retardant treated products may be coated with an ordinary paint. Mechanical properties and biological durability of fire-retardant treated wood products are not covered by this European Technical Specification. Paints, coatings and varnishes intended to improve the reaction to fire performance of a construction product when incorporated in the works, i.e. a building, are covered by ETAG 028 [19]. This Technical Specification may be used as a basis for an approval system.

Keel en

EVS-EN ISO 11930:2012

Hind 12,51

Identne EN ISO 11930:2012

ja identne ISO 11930:2012

Cosmetics - Microbiology - Evaluation of the antimicrobial protection of a cosmetic product (ISO 11930:2012)

This International Standard comprises: - a preservation efficacy test; - a procedure for evaluating the overall antimicrobial protection of a cosmetic product which is not considered low risk, based on a risk assessment described in ISO 29621. This International Standard provides a procedure for the interpretation of data generated by the preservation efficacy test or by the microbiological risk assessment, or both.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

FprEN 1421

Identne FprEN 1421:2012

Tähtaeg 29.06.2012

Chemicals used for treatment of water intended for human consumption - Ammonium chlorid

This European Standard is applicable to ammonium chloride used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements of ammonium chloride and refers to the corresponding analytical methods. It gives information for its use in water treatment. It also determines the rules relating to safe handling and use of ammonium chloride (see Annex B).

Keel en

Asendab EVS-EN 1421:2005

FprEN 12120

Identne FprEN 12120:2012

Tähtaeg 29.06.2012

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

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

Keel en

Asendab EVS-EN 12120:2005

FprEN 12121

Identne FprEN 12121:2012

Tähtaeg 29.06.2012

Chemicals used for treatment of water intended for human consumption - Sodium disulfite

This European Standard is applicable to sodium disulfite used for treatment of water intended for human consumption. It describes the characteristics of sodium disulfite and specifies the requirements and the corresponding test methods for sodium disulfite. It gives information on its use in water treatment. It also determines the rules relating to safe handling and use (see Annex B).

Keel en

Asendab EVS-EN 12121:2005

FprEN 12123

Identne FprEN 12123:2012

Tähtaeg 29.06.2012

Chemicals used for treatment of water intended for human consumption - Ammonium sulfate

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

Keel en

Asendab EVS-EN 12123:2005

FprEN 12124

Identne FprEN 12124:2012

Tähtaeg 29.06.2012

Chemicals used for treatment of water intended for human consumption - Sodium sulfite

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

Keel en

Asendab EVS-EN 12124:2005

FprEN 12125

Identne FprEN 12125:2012

Tähtaeg 29.06.2012

Chemicals used for treatment of water intended for human consumption - Sodium thiosulfate

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

Keel en

Asendab EVS-EN 12125:2005

FprEN 12126

Identne FprEN 12126:2

Tähtaeg 29.06.2012

Chemicals used for treatment of water intended for human consumption - Liquefied ammonia

This European Standard is applicable to liquefied ammonia used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements of liquefied ammonia and refers to the corresponding analytical methods. It gives information for its use in water treatment. It also determines the rules relating to the safe handling and use of liquefied ammonia (see Annex B).

Keel en

Asendab EVS-EN 12126:2005

FprEN 12173

Identne FprEN 12173:2012

Tähtaeg 29.06.2012

Chemicals used for treatment of water intended for human consumption - Sodium fluoride

This European Standard is applicable to sodium fluoride used for treatment of water intended for human consumption. It describes the characteristics of sodium fluoride and specifies the requirements and the corresponding test methods for sodium fluoride. It gives information on its use in water treatment. It also determines the rules relating to safe handling and use (see Annex B).

Keel en

Asendab EVS-EN 12173:2005

FprEN 12386

Identne FprEN 12386:2012

Tähtaeg 29.06.2012

Chemicals used for treatment of water intended for human consumption - Copper sulfate

This European Standard is applicable to copper (II) sulfate pentahydrate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements of copper (II) sulfate pentahydrate and refers to the corresponding analytical methods. It gives information for its use in water treatment. It also determines the rules relating to safe handling and use of copper (II) sulfate pentahydrate (see Annex B).

Keel en

Asendab EVS-EN 12386:2005

FprEN 15030

Identne FprEN 15030:2012

Tähtaeg 29.06.2012

Chemicals used for treatment of water intended for human consumption - Silver salts for intermittent use

This European Standard is applicable to silver nitrate and silver sulfate for the preservation of water intended for human consumption in intermittent applications in water supply plants, including their pipeline networks (small-size plants); water for the preparation of foodstuffs; and other water which is stored in packaged form or kept in enclosed systems (for example, water supply systems in land, water and airborne vehicles). The purpose of adding silver salts is to prevent the detrimental proliferation of microorganisms in water during storage or in enclosed supply systems. This European Standard describes the characteristics of silver salts and specifies the requirements for silver salts and gives reference to the analytical methods. It gives information on their use in water treatment. It also determines the rules relating to safe handling and use of silver salts (see Annex B).

Keel en

Asendab EVS-EN 15030:2006; EVS-EN 15030:2006/AC:2009

73 MÄENDUS JA MAAVARAD**UUED STANDARDID JA PUBLIKATSIOONID****EVS-EN 1467:2012**

Hind 9,49

Identne EN 1467:2012

Natural stones - Rough blocks - Requirements

This European Standard specifies requirements for rough blocks of natural stone from which products for use in building or commemorative stones and other similar applications are made. It does not cover artificially agglomerated stony material nor installation.

Keel en

Asendab EVS-EN 1467:2004

EVS-EN 1468:2012

Hind 9,49

Identne EN 1468:2012

Natural stone - Rough slabs - Requirements

This European Standard specifies requirements for rough slabs of natural stone from which products for use in buildings or commemorative stones and other similar applications are made. It does not cover artificially agglomerated stony material nor installation.

Keel en

Asendab EVS-EN 1468:2004

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 1467:2004**

Identne EN 1467:2003

Natural stone - Rough blocks - Specifications

This European Standard specifies requirements for rough blocks of natural stone from which products for use in building or commemorative stones and other similar applications are made. It does not cover artificially agglomerated stony material and does not cover installation

Keel en

Asendatud EVS-EN 1467:2012

EVS-EN 1468:2004

Identne EN 1468:2003

Natural stone - Rough slabs - Requirements

This European Standard specifies requirements for rough slabs of natural stone from which products for use in buildings or commemorative stones and other similar applications are made. It does not cover artificially agglomerated stony material and does not cover installation

Keel en

Asendatud EVS-EN 1468:2012

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 16366:2012

Hind 11,67

Identne CEN/TR 16366:2012

Liquid petroleum products - Middle distillates and fatty acid methyl ester (FAME) fuels and blends - Round Robin report on applicability of Rapid Small Scale Oxidation Test method

This Technical Report describes a series of round robin test campaigns for precision estimation of EN 16091. Furthermore, this document includes a summary of the results of the RRTs (see Clause 7 and Annex B).

Keel en

EVS-EN 589:2008+A1:2012

Hind 8,72

Identne EN 589:2008+A1:2012

Mootorikütused. Vedelgaas. Nõuded ja katsemeetodid KONSOLIDEERITUD TEKST

This European Standard specifies requirements and test methods for marketed and delivered automotive LPG (Liquefied Petroleum Gas). It is applicable to automotive LPG for use in LPG engine vehicles designed to run on automotive LPG. NOTE: For the purposes of this European Standard, the term "% (V/V)" is used to represent the volume fraction. WARNING - Attention is drawn to the risk of fire and explosion when handling LPG and to the hazard to health which arises through inhalation of excessive amounts of LPG. LPG is a highly volatile hydrocarbon liquid which is normally stored under pressure. If the pressure is released large volumes of gas will be produced which form flammable mixtures with air over the range of approximately 2 % (V/V) to 10 % (V/V). This European Standard involves the sampling, handling and testing of LPG. All procedures should be conducted away from sources of ignition such as naked flames, unprotected electrical equipment and electrostatic hazards. Testing should be performed as far as practicable under an electrically-safe ventilation hood. LPG in liquid form can cause cold burns to the skin. Protective clothing such as gloves and goggles should be worn if contact with the skin is likely to occur. Unnecessary inhalation of LPG vapour should be avoided. The operator should not be exposed to atmospheres containing more than 1 800 mg/m³ over an 8 h time-weighted average (TWA) reference period, or more than 2 250 mg/m³ over a short term, 10 min reference period. One of the tests described in this European Standard involves the operator inhaling a mixture of air and LPG vapour. Particular attention is drawn to the cautionary statement provided in A.1, where this method is referred to.

Keel en

Asendab EVS-EN 589:2008

EVS-EN 13352:2012

Hind 16,1

Identne EN 13352:2012

Specification for the performance of automatic tank contents gauges

This European Standard specifies the minimum performance requirements for various classes of automatic tank gauges which are limited to static tanks of shop fabricated manufacture both metallic and non metallic, underground and above ground which do not exceed 5 m in height. It is applicable to gauges for fuels (products) which are flammable, having a flash point up to but not exceeding 100 °C, stored at premises (e.g. filling stations) at which fuel is dispensed for use in vehicles and other forms of transportation. This European Standard applies to gauges suitable for use at ambient temperatures and subject to normal operational pressure variations. Gauging of liquefied gases are not covered by this standard. This European Standard relates to the measurement of product level, measurement of product temperature and detection of the presence of free water. The detection of free water may be compromised for Alcohol blended fuels.

Keel en

Asendab EVS-EN 13352:2002

EVS-EN 13617-2:2012

Hind 10,9

Identne EN 13617-2:2012

Bensiinijaamad. Osa 2: Ohutusnõuded mõõtepumpadel ja tankuritel kasutamiseks mõeldud kaitseülilite valmistamisele ja jõudlusele

This European Standard specifies safety requirements for the construction and performance of safe breaks to be fitted to metering pumps and dispensers installed at filling stations and used to dispense liquid fuels into the tanks of motor vehicles, boats and light aircraft and into portable containers at flow rates up to 200 l min⁻¹. The requirements apply to safe breaks at ambient temperatures from -20 °C to +40 °C with the possibility for an extended temperature range. It pays particular attention to electrical, mechanical and hydraulic characteristics of, and electrical apparatus incorporated within or mounted on, the safe break. This European Standard applies mainly to hazards related to the ignition of liquid fuels being dispensed or their vapour. This European Standard also addresses electrical and mechanical hazards.

Keel en

Asendab EVS-EN 13617-2:2004

EVS-EN 13617-3:2012

Hind 10,19

Identne EN 13617-3:2012

Bensiinijaamad. Osa 3: Ohutusnõuded sulgurventiilide valmistamisele ja jõudlusele

This European Standard specifies safety and environmental requirements for the construction and performance of shear valves to be fitted to metering pumps, dispensers, and/or satellite delivery systems installed at petrol filling stations and used to dispense liquid fuels into the tanks of motor vehicles, boats and light aircraft and into portable containers at flow rates up to 200 l min⁻¹. The requirements apply to shear valves at ambient temperatures from -20 °C to +40 °C with the possibility for an extended temperature range. It pays particular attention to mechanical and hydraulic characteristics.

Keel en

Asendab EVS-EN 13617-3:2004

EVS-EN 13617-4:2012

Hind 8,72

Identne EN 13617-4:2012

Bensiinjaaamad. Osa 4: Ohutus- ja keskkonnanõuded mõõtepumpadel ja tankuritel kasutamiseks mõeldud pöördpumpade valmistamisele ja jõudlusele

This European Standard specifies safety requirements for the construction and performance of swivels to be fitted to delivery hose assemblies on metering pumps and dispensers installed at filling stations and used to dispense liquid fuels into the tanks of motor vehicles, boats and light aircraft and into portable containers at flow rates up to 200 l min⁻¹. It pays particular attention to electrical, mechanical and hydraulic characteristics of swivels. The requirements apply to swivels at ambient temperatures from -20 °C to +40 °C with the possibility for an extended temperature range. This European Standard applies mainly to hazards related to the ignition of liquid fuels being dispensed or their vapour. This European Standard also addresses electrical and mechanical hazards of swivels. This European Standard is not applicable to swivels for the dispensing of any compressed gas

Keel en

Asendab EVS-EN 13617-4:2004

EVS-EN 15415-2:2012

Hind 8,01

Identne EN 15415-2:2012

Solid recovered fuels - Determination of particle size distribution - Part 2: Maximum projected length method (manual) for large dimension particles

This European Standard specifies the determination of particle size distribution of solid recovered fuels. It establishes a manual method for the determination of the maximum projected length for large dimension particles. It applies to both agglomerated and non-agglomerated solid recovered fuel pieces exhibiting an irregular shape, such as shredded end-of-life tyres and demolition woods. This document does not apply to filaments protruding from the SRF pieces.

Keel en

EVS-EN 15415-3:2012

Hind 8,72

Identne EN 15415-3:2012

Solid recovered fuels - Determination of particle size distribution - Part 3: Method by image analysis for large dimension particles

This European Standard specifies the determination of particle size distribution of solid recovered fuels using an image analysis method. It applies to both agglomerated and non-agglomerated solid, recovered, fuel pieces exhibiting an irregular shape, such as shredded end-of-life tyres and demolition woods. It provides the determination of the maximum projected length as well as parameters such as equivalent diameter. It also gives a characterisation of the filaments protruding from the SRF pieces.

Keel en

EVS-EN ISO 13032:2012

Hind 9,49

Identne EN ISO 13032:2012

ja identne ISO 13032:2012

Petroleum products - Determination of low concentration of sulfur in automotive fuels - Energy-dispersive X-ray fluorescence spectrometric method (ISO 13032:2012)

This International Standard specifies an energy dispersive X-ray fluorescence (EDXRF) test method for the determination of sulfur content in automotive gasoline containing up to 3,7 % (m/m) oxygen [including those blended with ethanol up to 10 % (V/V)], and in diesel fuels [including those containing up to about 10 % (V/V) fatty acid methylester (FAME)] having sulfur contents in the range 8 mg/kg to 50 mg/kg. Other products can be analysed and other sulfur contents can be determined according to this test method; however, no precision data for products other than automotive fuels and for results outside the specified range have been established for this International Standard. For reasons of spectral overlap, this International Standard is not applicable to leaded automotive gasoline, gasoline having a content of greater than 8 mg/kg lead replacement or to product and feedstock containing lead, silicon, phosphorus, calcium, potassium or halides at concentrations greater than one tenth of the concentration of sulfur measured or more than 10 mg/kg, whichever is the greater.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

CEN/TS 15415:2006

Identne CEN/TS 15415:2006

Solid recovered fuels - Determination of particle size and particle size distribution by screen method

This Technical Specification specifies the determination of particle size and particle size distribution of solid recovered fuels by a machine or manual sieving method. It applies to particulate agglomerated and nonagglomerated fuels, such as fluff, pellets, briquettes, pulverised solid recovered fuels.

Keel en

Asendatud EVS-EN 15415-1:2011

EVS-EN 589:2008

Identne EN 589:2008

Mootorikütused. Vedelgaas. Nõuded ja katsemeetodid

Käesolev standard sätestab nõuded ja katsemeetodid turustatavale ja tarnitavale mootorikütusena kasutatavale vedelgaasile LPG (Liquefied Petroleum Gas). See on rakendatav mootorikütusena kasutatavale vedelgaasile, mida kasutatakse mootorikütusena vedelgaasi jaoks kohandatud mootoriga veokites.

Keel et

Asendab EVS-EN 589:2004

Asendatud EVS-EN 589:2008+A1:2012

EVS-EN 13352:2002

Identne EN 13352:2002

Specification for the performance of automatic tank contents gauges

This European Standard specifies the minimum performance requirements for various classes of automatic tank contents gauges which are limited to static tanks of shop fabricated manufacture both metallic and non metallic, underground and above ground which do not exceed 100 000 l in capacity or 5 m in height

Keel en

Asendatud EVS-EN 13352:2012

EVS-EN 13617-2:2004

Identne EN 13617-2:2004

Bensiinijaamad. Osa 2: Ohutusnõuded mõõtepumpadel ja tankuritel kasutamiseks mõeldud kaitselülite valmistamisele ja jõudlusele

This European Standard specifies safety requirements for the construction and performance of safe breaks to be fitted to metering pumps and dispensers installed at filling stations and used to dispense liquid fuels into the tanks of motor vehicles, boats and light aircraft and into portable containers at flow rates up to 200 l×min⁻¹. It pays particular attention to electrical, mechanical and hydraulic characteristics of, and electrical apparatus incorporated within or mounted on, the safe break.

Keel en

Asendatud EVS-EN 13617-2:2012

EVS-EN 13617-3:2004

Identne EN 13617-3:2004

Bensiinijaamad. Osa 3: Ohutusnõuded sulgurventiilide valmistamisele ja jõudlusele

This European Standard specifies safety and environmental requirements for the construction and performance of shear valves to be fitted to metering pumps, dispensers, and/or satellite delivery systems installed at petrol filling stations and used to dispense liquid fuels into the tanks of motor vehicles, boats and light aircraft and into portable containers at flow rates up to 200 l×min⁻¹. It pays particular attention to mechanical and hydraulic characteristics.

Keel en

Asendatud EVS-EN 13617-3:2012

EVS-EN 13617-4:2004

Identne EN 13617-4:2004

Bensiinijaamad. Osa 4: Ohutus- ja keskkonnanõuded mõõtepumpadel ja tankuritel kasutamiseks mõeldud pöördpumpade valmistamisele ja jõudlusele

This European Standard specifies safety requirements for the construction and performance of swivels to be fitted to delivery hose assemblies on metering pumps and dispensers installed at filling stations and used to dispense liquid fuels into the tanks of motor vehicles, boats and light aircraft and into portable containers at flow rates up to 200 l×min⁻¹. It pays particular attention to electrical, mechanical and hydraulic characteristics of swivels.

Keel en

Asendatud EVS-EN 13617-4:2012

KAVANDITE ARVAMUSKÜSITLUS

EN ISO 19902:2008/prA1

Identne EN ISO 19902:2007/prA1:2012

ja identne ISO 19902:2007/DAM 1:2012

Tähtaeg 29.06.2012

Petroleum and natural gas industries - Fixed steel offshore structures (ISO 19902:2007/DAM 1:2012)

This International Standard specifies requirements and provides recommendations applicable to the following types of fixed steel offshore structures for the petroleum and natural gas industries: - caissons, free-standing and braced; - jackets; - monotowers; - towers. In addition, it is applicable to compliant bottom founded structures, steel gravity structures, jack-ups, other-bottom founded structures and other structures related to offshore structures (such as underwater oil storage-tanks, bridges and connecting structures), to the extent to which its requirements are relevant.

Keel en

prEN 12597

Identne prEN 12597:2012

Tähtaeg 29.06.2012

Bituumen ja bituumensideained. Terminoloogia

This European Standard defines terms for paving grade or industrial bitumen of various types and binders derived from bitumen. This standard is intended to cover materials only within the scope of CEN/TC 336, i.e. only bitumens and bituminous binders. It should consequently not extend to non-petroleum "hydrocarbon" binders such as coal tar and its derivatives or to natural asphalts. However, some definitions are given for some excluded materials and related terms. The corresponding terms were introduced only when they appeared in a definition of a product or process and when their definition was found necessary for understanding or for avoiding any ambiguity.

Keel en

Asendab EVS-EN 12597:2007

prEN 16423

Identne prEN 16423:2

Tähtaeg 29.06.2012

Liquefied petroleum gases - Determination of dissolved residue - Gas chromatographic method using liquid, on-column injection

This European Standard specifies a method for the determination of the dissolved residual matter, also known as evaporation residue, in liquefied petroleum gases (LPG), by gas chromatography in the range of (10 to 600) mg/kg (ppm mass). This test method quantifies soluble organic compounds (hydrocarbon materials), sometimes called 'evaporation residue', which can be present in liquefied petroleum gases and which are substantially less volatile than the LPG product, i.e. with a boiling point between 174 °C and 522 °C (C10 to C40). Higher boiling materials, or materials that adhere permanently to the chromatographic column, will not be detected. WARNING - This standard does not purport to address all of the safety concerns, if any, 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

77 METALLURGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 10169:2010+A1:2012

Hind 15,4

Identne EN 10169:2010+A1:2012

Continuously organic coated (coil coated) steel flat products - Technical delivery conditions CONSOLIDATED TEXT

This European Standard specifies requirements for continuously organic coated (coil coated) steel flat products. It particularly specifies the performance requirements. The products covered are wide strip, sheet cut from wide strip, slit wide strip, strip rolled in widths less than 600 mm and cut lengths (from sheet or strip). NOTE This document is not applicable to continuously organic coated flat products made of: - tinmill products, - electrical steels.

Keel en

Asendab EVS-EN 10169:2010

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 10169:2010

Identne EN 10169:2010

Continuously organic coated (coil coated) steel flat products - Technical delivery conditions

This European Standard specifies requirements for continuously organic coated (coil coated) steel flat products. It particularly specifies the performance requirements. The products covered are wide strip, sheet cut from wide strip, slit wide strip, strip rolled in widths less than 600 mm and cut lengths (from sheet or strip).

Keel en

Asendab EVS-EN 10169-3:2003; EVS-EN 10169-1:2004; EVS-EN 10169-2:2006

Asendatud EVS-EN 10169:2010+A1:2012

EVS-EN 15205:2007

Identne EN 15205:2006

Determination of hexavalent chromium in corrosion protection layers - Qualitative analysis

This document describes the testing method for the qualitative analysis of hexavalent chrome in corrosion protection layers.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

FprEN 12450

Identne FprEN 12450:2012

Tähtaeg 29.06.2012

Copper and copper alloys - Seamless, round copper capillary tubes

This European Standard specifies the composition, property requirements and tolerances on dimensions and on form for seamless round copper capillary tubes for use as metering lines for liquids or gases where close controls over the smoothness and dimensions of the bore are required to ensure uniform flow characteristics. This European Standard applies to capillary tubes in straight lengths, or in coils, in the size range up to and including 6,10 mm outside diameter and from 0,30 mm up to and including 4,45 mm inside diameter which are intended for restrictor applications. The sampling procedures and the methods of test for verification of conformity to the requirements of this European Standard are also specified.

Keel en

Asendab EVS-EN 12450:2000

FprEN 62483

Identne FprEN 62483:2012

ja identne IEC 62483:201X

Tähtaeg 29.06.2012

Environmental acceptance requirements for tin whisker susceptibility of tin and tin alloy surface finishes

The methodology described in this document is applicable for environmental acceptance testing of tin based surface finishes and mitigation practices for tin whiskers. This methodology may not be sufficient for applications with special requirements, (i.e. military, aerospace, etc.). Additional requirements may be specified in the appropriate requirements (procurement) documentation. This specification does not apply to components with bottom-only terminations where the full plated surface is wetted during assembly (for example: quad flat no leads and ball grid array components, flip chip bump terminations). Adherence to this standard shall include meeting the reporting requirements described in Clause 6

Keel en

FprEN ISO 13944

Identne FprEN ISO 13944:2012

ja identne ISO/FDIS 13944:2012

Tähtaeg 29.06.2012

Lubricated metal-powder mixes - Determination of lubricant content - Soxhlet extraction method (ISO/FDIS 13944:2012)

This International Standard specifies a method for the determination of the lubricant content of a powder mix. The method is also suitable for preparing samples for measuring the content of elements, e.g. graphite and oxygen, the determination of which is interfered with by the presence of a lubricant. A condition of the application of the method is that a suitable solvent for the lubricant concerned is known and available.

Keel en

Asendab EVS-EN ISO 13944:2006

prEN ISO 377

Identne prEN ISO 377 rev:2012
ja identne ISO/DIS 377:2012
Tähtaeg 29.06.2012

Steel and steel products - Location and preparation of samples and test pieces for mechanical testing (ISO/DIS 377:2012)

This International Standard specifies requirements for the identification, location and preparation of samples and test pieces intended for mechanical tests on steel sections, bars, rod, flat products and tubular products as defined in ISO 6929. If agreed in the order this standard may also apply to other metallic products. These samples and test pieces are for use in tests which are carried out in conformity with the methods specified in the product or material standard or, in the absence of this, in the test standard. Where the requirements of the order or product standard differ from those given in this International Standard, then the requirements of the order or product standard apply.

Keel en

Asendab EVS-EN ISO 377:2001

prEN ISO 14577-1

Identne prEN ISO 14577-1 rev:2012
ja identne ISO/DIS 14577-1:2012
Tähtaeg 29.06.2012

Metallic materials - Instrumented indentation test for hardness and materials parameters - Part 1: Test method (ISO/DIS 14577-1:2012)

This part of ISO 14577 specifies the method of instrumented indentation test for determination of hardness and other materials parameters for the three ranges given in Table 1. The macro and micro ranges are distinguished by the test forces in relation to the indentation depth. Attention is drawn to the fact that the micro range has an upper limit given by the test force (2 N) and a lower limit given by the indentation depth of 0,2 µm. The determination of hardness and other materials parameters is given in Annex A. At high contact pressures, damage to the indenter is possible. For this reason in the macro range, hardmetal indenters are often used. For test pieces with very high hardness and modulus of elasticity permanent indenter deformation may occur and this should be detected using suitable reference materials and its influence on the test result shall be taken into account.

Keel en

Asendab EVS-EN ISO 14577-1:2003

prEN ISO 14577-2

Identne prEN ISO 14577-2 rev:2012
ja identne ISO/DIS 14577-2:2012
Tähtaeg 29.06.2012

Metallic materials - Instrumented indentation test for hardness and materials parameters - Part 2: Verification and calibration of testing machines (ISO/DIS 14577-2:2012)

This part of ISO 14577 specifies the method of verification and calibration of testing machines for carrying out the instrumented indentation test in accordance with ISO/DIS 14577-1:2012. It describes a direct verification method for checking the main functions of the testing machine and an indirect verification method suitable for the determination of the repeatability of the testing machine. The indirect method shall be used in addition to the direct method and for the periodic routine checking of the testing machine in service. The indirect method of verification of the testing machine shall be carried out independently for each test method. This part of ISO 14577 is also applicable for transportable testing machines.

Keel en

Asendab EVS-EN ISO 14577-2:2003

prEN ISO 14577-3

Identne prEN ISO 14577-3 rev:2012
ja identne ISO/DIS 14577-3:2012
Tähtaeg 29.06.2012

Metallic materials - Instrumented indentation test for hardness and materials parameters - Part 3: Calibration of reference blocks (ISO/DIS 14577-3:2012)

This part of ISO 14577 specifies a method for the calibration of reference blocks to be used for the indirect verification of testing machines for the instrumented indentation test, as specified in ISO/DIS 14577-2:2012.

Keel en

Asendab EVS-EN ISO 14577-3:2003

79 PUIDUTEHNOLOOGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 325:2012

Hind 5,62

Identne EN 325:2012

Puitplaadid. Katsekehade mõõtmete määramine

Käesolev standard sätestab meetodi puitplaatide katsekehade paksuse, pikkuse ja laiuse määramiseks.

Keel en

Asendab EVS-EN 325:2002

EVS-EN 1870-4:2012

Hind 19,05

Identne EN 1870-4:2012

Puidutöötlemismasinate ohutus.**Ketassaagimisseadmed. Osa 4:****Lintsaagimismasinad käsitsi etteande ja/või väljajooksuga**

This document deals with all significant hazards, hazardous situations and events as listed in Clause 4 which are relevant to stationary multi-blade rip sawing machines, hereinafter referred to as "machines", designed to cut solid wood, chipboard, fibreboard, plywood and also these materials, if they are covered with plastic edging and/or plastic/light alloy laminates, when they are used as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse; see also 6.3. This document does not apply to machines with vertical roller feed or vertical chain conveyor feed or machines designed to make the first rip cut on a log. This document does not deal with any hazards relating to the combination of single machines with any other machine as part of a line. This document is not applicable to machines which are manufactured before the date of its publication as EN.

Keel en

Asendab EVS-EN 1870-4:2001+A1:2009

EVS-EN 1870-13:2007+A2:2012

Hind 19,05

Identne EN 1870-13:2007+A2:2012

Puidutöötlemismasinate ohutus.**Ketassaagimisseadmed. Osa 13:****Horisontaalasetusega saeraamid KONSOLIDEERITUD TEKST**

This document deals with "all significant hazards", hazardous situations and events as listed in Clause 4 which are relevant to horizontal beam panel sawing machines "where the saw unit of the front cutting line is mounted" below the workpiece support and which are manually or mechanically loaded and / or unloaded, fitted with: - a side pressure device and / or - the facility for scoring and / or - the facility for post-formed / soft-formed edge pre-cutting and / or - a panel turning device and / or - a pushing out device and / or - pneumatic clamping of the saw blade and / or - a powered panel loading device and / or - a grooving device and / or - additional cutting line(s) inside the machine for longitudinal and / or head cut (before transversal cutting line) and / or - workpiece vacuum clamping as part of a panel turning device or of a panel loading device, hereinafter referred to as "machines" when they are used as intended and under the conditions foreseen by the manufacturer "including reasonably foreseeable misuse".

Keel en

Asendab EVS-EN 1870-13:2007+A1:2009

EVS-EN 1870-14:2007+A2:2012

Hind 18

Identne EN 1870-14:2007+A2:2012

Puidutöötlemismasinate ohutus.**Ketassaagimisseadmed. Osa 14: Vertikaalasetusega saeraam KONSOLIDEERITUD TEKST**

This document "specifies all" significant hazards, hazardous situations and events as listed in Clause 4 which are relevant to manually loaded and unloaded vertical panel sawing (with or without integrated feed) machines fitted with: - the facility for scoring; - an angle cutting device; - a middle support device; - a programmable stop for parallel vertical cuts; - the facility for grooving with a width of at most 20 mm in one pass by using a milling tool, hereinafter referred to as "machines" when they are used as intended and under the conditions foreseen by the manufacturer "including reasonably foreseeable misuse". The machines are designed for cutting panels of the following materials: a) wood based materials such as chipboard, fibreboard, plywood and also these materials where they are covered with plastic / light alloy laminates; b) solid wood; c) hardened rubber and hardened plastic material; d) non ferrous materials e.g. light alloy; e) compound materials with core consisting of polyurethane or mineral material laminated with light alloy. This document does not apply to vertical panel saws with pressure beam and saw unit mounted behind the workpiece support. This document does not deal with hazards relating to the combination of a single machine being used with any other machine (as part of a line). This document is not applicable to vertical panel saws which are manufactured before the date of its publication as EN.

Keel en

Asendab EVS-EN 1870-14:2007+A1:2009

EVS-EN 1912:2012

Hind 10,19

Identne EN 1912:2012

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

This European Standard lists the visual strength grades, species and sources of timber, and specifies the strength classes to which they are assigned, as documented in EN 338.

Keel en

Asendab EVS-EN 1912:2005+A4:2010

EVS-EN 13629:2012

Hind 12,51

Identne EN 13629:2012

Puidust põrandakate. Täispuidust üksikud ja eelkoostatud lehtpuulauad

This European Standard specifies the characteristics of individual hardwood boards and pre-assembled hardwood boards with grooves and/or tongues for internal use as flooring. This document covers hardwood boards with or without surface coating. This European Standard does not cover solid parquet elements. (See Annex C).

Keel en

Asendab EVS-EN 13629:2005; EVS-EN 13629:2005/AC:2007

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 325:2002

Identne EN 325:1993

Puitplaadid. Katsekehade mõõtmete määramine

Käesolev standard sätestab meetodi puitplaatide katsekehade paksuse, pikkuse ja laiuse määramiseks.

Keel et

Asendatud EVS-EN 325:2012

EVS-EN 1870-4:2001+A1:2009

Identne EN 1870-4:2001+A1:2009

Puidutöötlemismasinate ohutus.

Ketassaagimisseadmed. Osa 4:

Lintsaagimismasinad käsitsi etteande ja/või väljajooksuga KONSOLIDEERITUD TEKST

This European Standard does not apply to machines with vertical roller feed or vertical chain conveyor feed or machines designed to make the first rip cut on a log. For Computer Numerically Controlled machines (CNC) this European Standard does not cover hazards related to electromagnetic compatibility (EMC). This European Standard is primarily directed at machines which are manufactured after the date of issue of this European Standard.

Keel en

Asendab EVS-EN 1870-4:2001

Asendatud EVS-EN 1870-4:2012

EVS-EN 1870-13:2007+A1:2009

Identne EN 1870-13:2007+A1:2009

Puidutöötlemismasinate ohutus.

Ketassaagimisseadmed. Osa 13:

Horisontaalasetusega saeraamid KONSOLIDEERITUD TEKST

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

Keel en

Asendab EVS-EN 1870-13:2007

Asendatud EVS-EN 1870-13:2007+A2:2012

EVS-EN 1870-14:2007+A1:2009

Identne EN 1870-14:2007+A1:2009

Puidutöötlemismasinate ohutus.

Ketassaagimisseadmed. Osa 14: Vertikaalasetusega saeraam KONSOLIDEERITUD TEKST

This document specifies all significant hazards, hazardous situations and events as listed in Clause 4 which are relevant to manually loaded and unloaded vertical panel sawing (with or without integrated feed) machines fitted with: - the facility for scoring; - an angle cutting device; - a middle support device; - a programmable stop for parallel vertical cuts; - the facility for grooving with a width of at most 20 mm in one pass by using a milling tools, hereinafter referred to as "machines" when they are used as intended and under the conditions foreseen by the manufacturer.

Keel en

Asendab EVS-EN 1870-14:2007

Asendatud EVS-EN 1870-14:2007+A2:2012

EVS-EN 1912:2005+A4:2010

Identne EN 1912:2004+A4:2010

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

This document lists visual strength grades, species and sources of timber, and specifies the strength classes from EN 338, to which they are assigned. NOTE For the grades, species and sources included, there is long experience of use and/or satisfactory test data. The sources listed are therefore largely determined by existing commercial practice.

Keel en

Asendab EVS-EN 1912:2005+A3:2009

Asendatud EVS-EN 1912:2012

EVS-EN 13629:2005

Identne EN 13629:2002

Puidust põrandakate - Massiivpuidust eelkoostatud lehtpuulaud

Käesolev Euroopa standard määrab kindlaks sisetõmbumustes põrandakattena kasutatavate massiivpuidust sulundi ja soonega eelkoostatud lehtpuu põrandalaudade näitajad. Käesolev standard kehtib pinnatöötlemisega ja pinnatöötlemiseta massiivpuidust eelkoostatud lehtpuulaudadele.

Keel et

Asendatud EVS-EN 13629:2012

EVS-EN 13629:2005/AC:2007

Identne EN 13629:2002/AC:2007

Puidust põrandakate. Massiivpuidust eelkoostatud lehtpuulaud

Keel en

Asendatud EVS-EN 13629:2012

KAVANDITE ARVAMUSKÜSITLUS

EN 848-1:2007+A1:2010/FprA2

Identne EN 848-1:2007+A1:2009/FprA2:2012

Tähtaeg 29.06.2012

Puidutöötlemismasinatate ohutus. Ühepoolsed pöörleva lõiketeraga puidutöötluspingid. Osa 1: Ühespindilised vertikaalsed puidutöötluspingid

This document specifies all significant hazards, hazardous situations and events as listed in Clause 4 which are relevant to stationary and displaceable hand fed single spindle vertical moulding machines (with or without demountable power feed unit), herein after referred to as "machines", designed to cut solid wood, chip board, fibreboard, plywood and also these materials if they are covered with plastic laminate or edgings when they are used as intended and under the conditions foreseen by the manufacturer.

Keel en

EN 848-2:2007+A1:2010/FprA2

Identne EN 848-2:2007+A1:2009/FprA2:2012

Tähtaeg 29.06.2012

Puidutöötlusmasinatate ohutus. Ühepoolsed pöörleva lõiketeraga puidutöötluspingid. Osa 2: Ühespindilised käsitsi- ja kombineeritud etteandega vertikaalfreespingid

This document specifies all significant hazards, hazardous situations and events as listed in Clause 4 which are relevant to stationary and displaceable single spindle hand fed/integrated fed routing machines with fixed head but allowing only movement along the axis of the tool during machining hereinafter referred to as "machines" designed to cut solid wood, chip board, fibreboard, plywood and also these materials if they are covered with plastic laminate, edgings or veneer when they are used as intended and under the conditions foreseen by the manufacturer.

Keel en

83 KUMMI- JA PLASTITÖÖSTUS

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 12703:2012

Hind 6,47

Identne EN 12703:2012

Adhesives for paper and board, packaging and disposable sanitary products - Determination of low temperature flexibility or cold crack temperature

This European Standard specifies a method to determine whether a film of adhesive of given dimensions will craze, crack or fracture at a specified temperature. Alternatively, the temperature at which the film will craze, crack or fracture can be determined. The method described can be used either as a quality control test or to compare the flexibility of adhesives at low temperatures.

Keel en

Asendab EVS-EN 12703:2000

EVS-EN 12704:2012

Hind 5,62

Identne EN 12704:2012

Adhesives for paper and board, packaging and disposable sanitary products - Determination of foam formation for aqueous adhesives

This European Standard specifies a test method to determine the foam formation, or air entrainment during rapid stirring of aqueous adhesives with a maximum viscosity of 10 000 MPa · s at room temperature determined in accordance with EN 12092.

Keel en

Asendab EVS-EN 12704:2000

EVS-EN ISO 179-2:2000/A1:2012

Hind 4,79

Identne EN ISO 179-2:1999/A1:2012

ja identne ISO 179-2:1997/Amd 1:2011

Plastics - Determination of Charpy impact properties - Part 2: Instrumented impact test - Amendment 1: Precision data (ISO 179-2:1997/Amd 1:2011)

This Standard specifies a method for determining the Charpy impact strength of plastics under defined conditions. A number of different types of specimens and test configurations are defined.

Keel en

EVS-EN ISO 7214:2012

Hind 8,72

Identne EN ISO 7214:2012

ja identne ISO 7214:2012

Cellular plastics - Polyethylene - Methods of test (ISO 7214:2012)

1.1 This International Standard specifies methods for testing flexible and semi-rigid cellular plastics made from polyethylene. Cellular plastics containing copolymers of ethylene or blends of polymers with polyethylene may also be tested by the procedures of this International Standard provided these materials have characteristics similar to polyethylene as described in ISO 1872-1, or copolymers of ethylene as described in ISO 4613-1. 1.2 Mandatory tests suitable for characterization of cellular polyethylene, regardless of end use, are described in Clause 7. Optional tests for the determination of properties that are relevant to certain uses are described in Clause 8.

Keel en

Asendab EVS-EN ISO 7214:2007

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 12703:2000

Identne EN 12703:1999

Adhesives for paper and board, packaging and disposable sanitary products - Determination of low temperature flexibility or cold crack temperature

This European Standard specifies a method to determine whether a film of adhesive of given dimensions will craze, crack or fracture at a specified temperature. Alternatively the temperature at which the film will craze, crack or fracture can be determined. The method described can be used as a quality control test or to compare the flexibility of adhesives at low temperatures

Keel en

Asendatud EVS-EN 12703:2012

EVS-EN 12704:2000

Identne EN 12704:1999

Adhesives for paper and board, packaging and disposable sanitary products - Determination of foam formation for aqueous adhesives

This European Standard describes a method for evaluating the foaming properties or air entrainment during rapid stirring of aqueous adhesives with a maximum viscosity of 10.000 mPas at room temperature.

Keel en

Asendatud EVS-EN 12704:2012

EVS-EN ISO 7214:2007

Identne EN ISO 7214:2007

ja identne ISO 7214:2007

Cellular plastics - Polyethylene - Methods of test

This International Standard specifies methods for testing flexible and semi-rigid cellular plastics made from polyethylene. Cellular plastics containing copolymers of ethylene or blends of polymers with polyethylene may also be tested by the procedures of this International Standard, provided these materials have characteristics similar to polyethylene as described in ISO 1872-1, or copolymers of ethylene as described in ISO 4613-1.

Keel en

Asendab EVS-EN ISO 7214:2001

Asendatud EVS-EN ISO 7214:2012

KAVANDITE ARVAMUSKÜSITLUS

FprEN 1013

Identne FprEN 1013:2012

Tähtaeg 29.06.2012

Light transmitting single skin profiled plastics sheets for internal and external roofs, walls and ceilings - Requirements and test methods

This European Standard specifies the requirements for light transmitting single skin profiled plastics sheets for internal and external walls, roofs and ceilings. It is applicable to single skin sheets which are used as a single layer or when assembled to form multiple layer construction. It also specifies the test methods and provides for the evaluation of conformity and marking of the sheets.

Keel en

Asendab EVS-EN 1013-1:1999; EVS-EN 1013-2:1999; EVS-EN 1013-3:1999; EVS-EN 1013-4:2000; EVS-EN 1013-5:2000

prEN ISO 15791-1

Identne prEN ISO 15791-1:2012

ja identne ISO/DIS 15791-1:2012

Tähtaeg 29.06.2012

Plastics - Development and use of intermediate-scale fire tests for plastics products - Part 1: General guidance (ISO/DIS 15791-1:2012)

This part of ISO 15791 provides a framework guide for the development and use of intermediate-scale fire tests for products made of or containing plastics. The guidance identifies typical applications of plastics products and possible fire scenarios that can arise involving products in these applications. The development and use of intermediate-scale tests is described to ensure their relevance to the end use of the product.

Keel en

Asendab EVS-EN ISO 15791-1:2004

85 PABERITEHNOLOOGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 1034-16:2012

Hind 17,08

Identne EN 1034-16:2012

Masinate ohutus. Ohutusnõuded paberivalmistus- ja viimistlusmasinate projekteerimisele ja ehitamisele. Osa 16: Paberi- ja papimasinad

This European Standard applies to machines for the production of paper and board, including head box, wire section (former), press section, drying section, film size press, coating unit, flotation and infrared dryer, smoothing unit, integrated calender, measuring device, reel-up, integrated sheeter, drives and control system (paper and board making machines) and applies together with EN 1034-1:2000+A1:2010. It deals with all significant hazards, hazardous situations and hazard events relevant to machines for the production of paper and board, 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 gives essential safety requirements for equipment under pressure. This document does not apply to: - tissue making machines, - cardboard making machines, - coating machines, - machines for the production of corrugated board, - integrated conveyors and cranes designed for transporting reels/shells (reel spools) and for machine maintenance, and - integrated fire extinguishing equipment. This European Standard is not applicable to paper and board making machines which are manufactured before the date of publication of this European Standard by CEN.

Keel en

EVS-EN 1034-26:2012

Hind 12,51

Identne EN 1034-26:2012

Masinate ohutus. Ohutusnõuded paberivalmistus- ja viimistlusmasinate projekteerimisele ja ehitamisele. Osa 26: Rullpakkemasinad

This European Standard applies to roll packaging machines for use in papermaking and applies together with EN 1034-1:2000+A1:2010. It deals with all significant hazards, hazardous situations and hazardous events relevant to roll packaging machines, when used as intended and under the conditions foreseen by the manufacturer (see Clause 4). This document is not applicable to roll packaging machines which are manufactured before the date of publication as an EN.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

FprEN ISO 536

Identne FprEN ISO 536:2012

ja identne ISO/FDIS 536:2012

Tähtaeg 29.06.2012

Paber ja papp. Ruutmeetrimassi määramine (ISO/FDIS 536:2012)

This International Standard specifies a method for determining the grammage of paper and board.

Keel en

Asendab EVS-EN ISO 536:2000

prEN 16418

Identne prEN 16418:2012
Tähtaeg 29.06.2012

Paper and board - Determination of the cytotoxicity of aqueous extracts using a metabolically competent hepatoma cell line (HepG2)

This European Standard specifies a test method for the laboratory assessment of the potential cytotoxic effect of paper and board food contact materials using specifically the HepG2 cell line. Compared to the EN 15845[1], HepG2 cells are more representative of a human oral exposure to xenobiotics, due to the presence in the cells of phase I, II and III enzymes of the metabolism.

Keel en

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

KAVANDITE ARVAMUSKÜSITLUS

prEN ISO 3233-2

Identne prEN ISO 3233-2:2012
ja identne ISO/DIS 3233-2:2012
Tähtaeg 29.06.2012

Paints and varnishes - Determination of the percentage volume of non-volatile matter - Part 2: Determination by measurement of the dry-film density (ISO/DIS 3233-2:2012)

This Part of ISO 3233 describes a method for determining the non-volatile matter by volume (NVv) of coating materials by determining the practical dry-film density. This method determines the non-volatile matter in accordance with ISO 3251. Using the non-volatile matter by volume results obtained in accordance with this standard, it is possible to calculate the practical spreading rate of coating materials. This standard is suitable for all products which can be applied by dipping. This standard is not applicable to coating materials which exceed the critical pigment volume concentration (CPVC).

Keel en

prEN ISO 16925

Identne prEN ISO 16925:2012
ja identne ISO/DIS 16925:2
Tähtaeg 29.06.2012

Paints and varnishes - Determination of the resistance of coatings to high-pressure water-jetting (ISO/DIS 16925:2012)

This standard specifies a test method for the assessment of the resistance of coatings to pressure waterjetting. The test method simulates the effects pressure-water jetting has on a coating.

Keel en

prEN ISO 16927

Identne prEN ISO 16927:2012
ja identne ISO/DIS 16927:2012
Tähtaeg 29.06.2012

Paints and varnishes - Determination of the overcoatability and recoatability of a coating (ISO/DIS 16927:2012)

This standard specifies a method for testing the recoatability of unaged single-coat or multi-coat systems using a coating material which is intended for repairing damaged areas during or after installation. Since the testing of recoatability may be conducted under different aspects this standard only specifies one procedure and indicates the basic parameters which have to be laid down for testing. In the following, the existing single-coat or multi-coat system is indicated as coating I and the new single-coat or multi-coat system as coating II. The same applies analogously for the respective coating materials.

Keel en

91 EHITUSMATERJALID JA EHITUS

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 16349:2012

Hind 7,38
Identne CEN/TR 16349:2012

Framework for a specification on the avoidance of a damaging Alkali-Silica Reaction (ASR) in concrete

This Technical Report gives guidance for avoiding a damaging Alkali-Silica Reaction (ASR) in concrete.

Keel en

EVS-EN 779:2012

Hind 19,05
Identne EN 779:2012

Particulate air filters for general ventilation - Determination of the filtration performance

This European Standard refers to particulate air filters for general ventilation. These filters are classified according to their performance as measured in this test procedure. This European Standard contains requirements to be met by particulate air filters. It describes testing methods and the test rig for measuring filter performance. In order to obtain results for comparison and classification purposes, particulate air filters shall be tested against two synthetic aerosols, a fine aerosol for measurement of filtration efficiency as a function of particle size within a particle size range 0,2 μm to 3,0 μm , and a coarse one for obtaining information about test dust capacity and, in the case of coarse filters, filtration efficiency with respect to coarse loading dust (arrestance). This European Standard applies to air filters having an initial efficiency of less than 98 % with respect to 0,4 μm particles. Filters shall be tested at an air flow rate between 0,24 m³/s (850 m³/h) and 1,5 m³/s (5400 m³/h). The performance results obtained in accordance with this standard cannot by themselves be quantitatively applied to predict performance in service with regard to efficiency and lifetime. Other factors influencing performance to be taken into account are described in Annex A (informative).

Keel en

Asendab EVS-EN 779:2003

EVS-EN 1024:2012

Hind 10,19

Identne EN 1024:2012

Tükk-kattena paigaldatavad savikatusekiivid - Geomeetriliste näitajate määramine

This European standard specifies the methods for determining the geometric characteristics of clay tiles as defined in EN 1304, Clay roofing tiles and fittings Product definitions and specifications.

Keel en

Asendab EVS-EN 1024:1999

EVS-EN 1467:2012

Hind 9,49

Identne EN 1467:2012

Natural stones - Rough blocks - Requirements

This European Standard specifies requirements for rough blocks of natural stone from which products for use in building or commemorative stones and other similar applications are made. It does not cover artificially agglomerated stony material nor installation.

Keel en

Asendab EVS-EN 1467:2004

EVS-EN 1468:2012

Hind 9,49

Identne EN 1468:2012

Natural stone - Rough slabs - Requirements

This European Standard specifies requirements for rough slabs of natural stone from which products for use in buildings or commemorative stones and other similar applications are made. It does not cover artificially agglomerated stony material nor installation.

Keel en

Asendab EVS-EN 1468:2004

EVS-EN 1745:2012

Hind 20,74

Identne EN 1745:2012

Masonry and masonry products - Methods for determining thermal properties

This European Standard specifies procedures for the determination of thermal properties of masonry and masonry products.

Keel en

Asendab EVS-EN 1745:2002

EVS-EN 14617-4:2012

Hind 7,38

Identne EN 14617-4:2012

Agglomerated stone - Test methods - Part 4: Determination of the abrasion resistance

This European Standard specifies a method for determining the abrasion resistance of agglomerated stone products.

Keel en

Asendab EVS-EN 14617-4:2005

EVS-EN 14617-5:2012

Hind 6,47

Identne EN 14617-5:2012

Agglomerated stone - Test methods - Part 5: Determination of freeze and thaw resistance

This European Standard specifies a method to assess the effect of freeze/thaw cycles on agglomerated stones. It contains provisions for a technological test to be carried out to assess the effect of freeze/thaw cycles on the flexural strength characteristics of the stone.

Keel en

Asendab EVS-EN 14617-5:2005

EVS-EN 14617-6:2012

Hind 6,47

Identne EN 14617-6:2012

Agglomerated stone - Test methods - Part 6: Determination of thermal shock resistance

This European Standard specifies a method to assess possible modifications of agglomerated stones under the effect of sudden changes in temperature (thermal shock) by immersion in hot water.

Keel en

Asendab EVS-EN 14617-6:2005

EVS-EN 14617-10:2012

Hind 8,01

Identne EN 14617-10:2012

Agglomerated stone - Test methods - Part 10: Determination of chemical resistance

This European Standard specifies a method for determining the chemical resistance and the resistance to stains of agglomerated stones (see EN 14618) with a polished surface after a prolonged contact with chemical materials.

Keel en

Asendab EVS-EN 14617-10:2005

EVS-EN 14617-12:2012

Hind 8,01

Identne EN 14617-12:2012

Agglomerated stone - Test methods - Part 12: Determination of dimensional stability

This European Standard specifies the test method to be used for the determination of the dimensional stability and warping of agglomerated stones when in contact with water. This European Standard applies to agglomerated stones to be installed by adhesive on walls and floors. The test is mainly performed to classify the material according to the degree of sensitivity to water and to select a suitable adhesive for the correct laying of agglomerated stones.

Keel en

Asendab EVS-EN 14617-12:2005

EVS-EN 14825:2012

Hind 20,74

Identne EN 14825:2012

Air conditioners, liquid chilling packages and heat pumps, with electrically driven compressors, for space heating and cooling - Testing and rating at part load conditions and calculation of seasonal performance

This European Standard covers air conditioners, heat pumps and liquid chilling packages. It applies to factory made units defined in EN 14511-1:2011, except single duct, control cabinet and close control units. This European Standard gives the calculation methods for the determination of reference seasonal energy efficiency SEER and SEERon and reference seasonal coefficient of performance SCOP, SCOPon and SCOPnet. Such calculation methods may be based on calculated or measured values. In case of measured values, this European Standard covers the test methods for determination of capacities, EER and COP values during active mode at part load conditions. It also covers test methods for electric power consumption during thermostat off mode, standby mode and crankcase heater mode. This European Standard serves as an input for the calculation of the system energy efficiency in heating mode of specific heat pump systems in buildings, as stipulated in the standard EN 15316-4-2.

Keel en

Asendab CEN/TS 14825:2003

EVS-EN 62059-32-1:2012

Hind 9,49

Identne EN 62059-32-1:2012

ja identne IEC 62059-32-1:2011

Electricity metering equipment - Dependability - Part 32-1: Durability - Testing of the stability of metrological characteristics by applying elevated temperature

The stability of metrological characteristics is one important aspect of durability. This part of IEC 62059 specifies a method for testing the stability of metrological characteristics of electricity meters, by operating a test specimen at the upper limit of the specified operating range of temperature, voltage and current for an extended period. Functional performance other than the accuracy of energy measurement is out of the scope of this standard. Note, that from the results of this test, no conclusion can be drawn for the length of period during which the stability of the metrological characteristics will be maintained when the meter is operated under usual conditions. This International Standard is applicable to all types of electricity meters in the scope of IEC TC 13.

Keel en

EVS-EN 62337:2012

Hind 15,4

Identne EN 62337:2012

ja identne IEC 62337:2012

Commissioning of electrical, instrumentation and control systems in the process industry - Specific phases and milestones

This International Standard defines specific phases and milestones (see Figure 1) in the commissioning of electrical, instrumentation and control systems in the process industry. By way of example, it describes activities following the "completion-of-erection" milestone of the project and prior to the "acceptance-of-the-plant" phase by the owner. Such activities need to be adapted for each type of process/plant concerned.

Keel en

Asendab EVS-EN 62337:2007

EVS-EN 62561-7:2012

Hind 9,49

Identne EN 62561-7:2012

ja identne IEC 62561-7:2011

Lightning Protection System Components (LPSC) - Part 7: Requirements for earthing enhancing compounds

This Part 7 of IEC 62561 specifies the requirements and tests for earthing enhancing compounds producing low resistance of an earth termination system.

Keel en

Asendab EVS-EN 50164-7:2008

EVS-EN ISO 13791:2012

Hind 23,62

Identne EN ISO 13791:2012

ja identne ISO 13791:2012

Thermal performance of buildings - Calculation of internal temperatures of a room in summer without mechanical cooling - General criteria and validation procedures (ISO 13791:2012)

This International Standard specifies the assumptions, boundary conditions, equations and validation tests for a calculation procedure, under transient hourly conditions, of the internal temperatures (air and operative) during warm periods, of a single room without any cooling/heating equipment in operation. No specific numerical techniques are imposed by this International Standard. Validation tests are included in Clause 8. An example of a solution technique is given in Annex A. This International Standard does not contain sufficient information for defining a procedure able to determine the internal conditions of special zones such as attached sun spaces, atria, indirect passive solar components (trombe walls, solar panels) and zones in which the solar radiation may pass through the room. For such situations different assumptions and more detailed solution models are needed (see Bibliography).

Keel en

Asendab EVS-EN ISO 13791:2005

EVS-EN ISO 13792:2012

Hind 18

Identne EN ISO 13792:2012

ja identne ISO 13792:2012

Thermal performance of buildings - Calculation of internal temperatures of a room in summer without mechanical cooling - Simplified methods (ISO 13792:2012)

This International Standard specifies the required input data for simplified calculation methods for determining the maximum, average and minimum daily values of the operative temperature of a room in warm periods: - to define the characteristics of a room at the design stage in order to avoid overheating in summer; - to define whether the installation of a cooling system is necessary or not. Clause 6 gives the criteria to be met by a calculation method in order to satisfy this International Standard.

Keel en

Asendab EVS-EN ISO 13792:2005

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 779:2003

Identne EN 779:2002

Particulate air filters for general ventilation - Determination of the filtration performance

This European Standard refers to particulate air filters for general ventilation. These filters are classified according to their performance as measured in this test procedure.

This European Standard contains requirements to be met by particulate air filters. It describes testing methods and the test rig for measuring filter performance

Keel en

Asendatud EVS-EN 779:2012

EVS-EN 1024:1999

Identne EN 1024:1997

Tükk-kattena paigaldatavad savikatusekivid - Geomeetriliste näitajate määramine

See Euroopa standard esitab meetodid savikatusekivide geomeetriliste näitajate määramiseks, nagu on defineeritud standardis EN 1304

Keel en

Asendatud EVS-EN 1024:2012

EVS-EN 1467:2004

Identne EN 1467:2003

Natural stone - Rough blocks - Specifications

This European Standard specifies requirements for rough blocks of natural stone from which products for use in building or commemorative stones and other similar applications are made. It does not cover artificially agglomerated stony material and does not cover installation

Keel en

Asendatud EVS-EN 1467:2012

EVS-EN 1468:2004

Identne EN 1468:2003

Natural stone - Rough slabs - Requirements

This European Standard specifies requirements for rough slabs of natural stone from which products for use in buildings or commemorative stones and other similar applications are made. It does not cover artificially agglomerated stony material and does not cover installation

Keel en

Asendatud EVS-EN 1468:2012

EVS-EN 1745:2002

Identne EN 1745:2002

Müüritis ja müüritisetooted. Arvutuslike soojusväärtuste määramise meetodid

Käesolev Euroopa standard esitab meetodid müüritise ja müüritoodete arvutuslike soojusväärtuste (soojustakistuse ja/või soojuseri juhtivuse) määramiseks.

Keel et

Asendatud EVS-EN 1745:2012

EVS-EN 12977-3:2008

Identne EN 12977-3:2008

Thermal solar systems and components - Custom built systems - Part 3: Performance test methods for solar water heater stores

This European Standard specifies test methods for the performance characterization of stores which are intended for use in small custom built systems as specified in prCEN/TS 12977-1. Stores tested according to this document are commonly used in solar hot water systems. However, also the thermal performance of all other thermal stores with water as storage medium can be assessed according to the test methods specified in this document. The document applies to stores with a nominal volume between 50 l and 3 000 l. This document does not apply to combistores. Performance test methods for solar combistores are specified in prCEN/TS 12977-4.

Keel en

Asendatud EVS-EN 12977-3:2012

EVS-EN 14617-4:2005

Identne EN 14617-4:2005

Agglomerated stone - Test methods - Part 4: Determination of the abrasion resistance

This European standard specifies a method for determining the abrasion resistance of agglomerated stone products

Keel en

Asendatud EVS-EN 14617-4:2012

EVS-EN 14617-5:2005

Identne EN 14617-5:2005

Agglomerated stone - Test methods - Part 5: Determination of freeze and thaw resistance

The European Standard specifies a method to assess the effect of freeze/thaw cycles on agglomerated stones. The standard contains provision for technological test to assess the effect of freeze/thaw cycles on the flexural strength characteristic

Keel en

Asendatud EVS-EN 14617-5:2012

EVS-EN 14617-6:2005

Identne EN 14617-6:2005

Agglomerated stone - Test methods - Part 6: Determination of thermal shock resistance

This European Standard specifies a method to assess possible modifications of agglomerated stones under the effect of sudden changes in temperature (thermal shock) by immersion in hot water

Keel en

Asendatud EVS-EN 14617-6:2012

EVS-EN 14617-10:2005

Identne EN 14617-10:2005

Agglomerated stone - Test methods - Part 10: Determination of chemical resistance

This European standard specifies a method for determination of the chemical resistance and the resistance to stains of agglomerated stones (see prEN 14618) with polished surface after a prolonged contact with chemical materials

Keel en

Asendatud EVS-EN 14617-10:2012

EVS-EN 14617-12:2005

Identne EN 14617-12:2005

Agglomerated stone - Test methods - Part 12: Determination of dimensional stability

This European standard specifies a test method to determine the dimensional stability, intended as the evaluation of a deformation, towards a bearing plane, by prolonged contact with water, of agglomerated stones tiles used for flooring and cladding in building. The test is mainly performed to select a suitable adhesive for the laying down operations.

Keel en

Asendatud EVS-EN 14617-12:2012

EVS-EN 50164-7:2008

Identne EN 50164-7:2008

Lightning Protection Components (LPC) -- Part 7: Requirements for earthing enhancing compounds

This European Standard specifies the requirements and tests for – earthing enhancing compounds increasing the contact surface area of the earth electrode.

Keel en

Asendatud EVS-EN 62561-7:2012

EVS-EN 50379-2:2004

Identne EN 50379-2:2004

Specification for portable electrical apparatus designed to measure combustion flue gas parameters of heating appliances Part 2: Performance requirements for apparatus used in statutory inspections and assessment

This European Standard covers apparatus designed to measure flue gas parameters of heating appliances for domestic residential and commercial applications using commercially available fuels in compliance with metrological specification.

Keel en

Asendatud EVS-EN 50379-2:2012

EVS-EN 50379-3:2004

Identne EN 50379-3:2004

Specification for portable electrical apparatus designed to measure combustion flue gas parameters of heating appliances - Part 3: Performance requirements for apparatus used in non-statutory servicing of gas fired heating appliances

This European Standard covers apparatus designed for checking the performance of heating appliances by measuring flue gas parameters of gas fired heating appliances for domestic residential and commercial applications. The apparatus may consist of different functional modules which may be tested separately for complying with this standard, and will be combined in different ways according to the different applications. The apparatus shall comply with the general requirements as specified in EN 50379-1 and the performance requirements of EN 50379-3.

Keel en

Asendatud EVS-EN 50379-3:2012

EVS-EN ISO 13791:2005

Identne EN ISO 13791:2004

ja identne ISO 13791:2004

Thermal performance of buildings - Calculation of internal temperatures of a room in summer without mechanical cooling - General criteria and validation procedures

This European Standard specifies the assumptions, boundary conditions, equations and validation tests for a calculation procedure, under transient hourly conditions, of the internal temperatures (air and operative) during the warm period, of a single room without any cooling/heating equipment in operation. No specific numerical techniques are imposed by this standard. Validation tests are included in clause 7. An example of a solution technique is given in annex A.

Keel en

Asendatud EVS-EN ISO 13791:2012

EVS-EN ISO 13792:2005

Identne EN ISO 13792:2005

ja identne ISO 13792:2005

Thermal performance of buildings - Calculation of internal temperatures of a room in summer without mechanical cooling - Simplified methods

This document specifies the required input data for simplified calculation methods for determining the maximum, average and minimum daily values of the operative temperature of a room in the warm period: a) to define the characteristics of a room in order to avoid overheating in summer at the design stage; b) to define whether the installation of a cooling system is necessary or not.

Keel en

Asendatud EVS-EN ISO 13792:2012

KAVANDITE ARVAMUSKÜSITLUS

EN 13120:2009/prA1

Identne EN 13120:2009/prA1:2012

Tähtaeg 29.06.2012

Rulood sisekasutuses. Nõuded jõudlusele ja ohutusele

This European Standard specifies the requirements which internal blinds shall fulfil when fitted to a building. It deals also with the significant machinery hazards relating to construction, transport, installation, operation and maintenance of the internal blinds (see list of significant hazards in Annex B). It applies to the internal blinds, whatever their design and nature of the materials used, as listed below: - venetian internal blind: free hanging, guided, non-retractable; - roller internal blind: free hanging, side guided, with tensioned fabric; - vertical internal blind: free hanging, with top and bottom track, and sloping headrail; - pleated internal blind: free hanging and guided. These products may be operated manually, with or without compensating springs, or by means of electric motors (power operated products). This standard does not apply to Roman Shades, Austrian, Festoon, Pinoleum, laterally moving pleated internal blinds, insect screens or internal blinds in sealed glazed units. Noise aspects are not treated in this standard because this is not considered a safety issue. This standard is not applicable to internal blinds which are manufactured before the date of publication of this standard.

Keel en

EN 15814:2011/FprA1

Identne EN 15814:2011/FprA1:2012

Tähtaeg 29.06.2012

Paksud niiskusetõkkekihid polümeermodifitseeritud bituumenist. Määratlused ja nõuded

This European Standard specifies the definitions and requirements of prefabricated polymer modified bituminous thick coatings used for the waterproofing of below ground structures. It applies to both onecomponent and two-component products. These products can be used with or without inlay. This European Standard does not apply to products that are to be used for roof waterproofing.

Keel en

EN ISO 12570:2000/prA1

Identne EN ISO 12570:2000/prA1:2012

ja identne ISO 12570:2000/DAM 1:2012

Tähtaeg 29.06.2012

Hygrothermal performance of building materials and products - Determination of moisture content by drying at elevated temperature - Amendment 1 (ISO 12570:2000/DAM 1:2012)

This standard, which is applicable to porous water permeable materials, specifies a general method for determining the free water content of building materials by drying at elevated temperature. The standard does not specify the method for sampling.

Keel en

FprEN 1013

Identne FprEN 1013:2012

Tähtaeg 29.06.2012

Light transmitting single skin profiled plastics sheets for internal and external roofs, walls and ceilings - Requirements and test methods

This European Standard specifies the requirements for light transmitting single skin profiled plastics sheets for internal and external walls, roofs and ceilings. It is applicable to single skin sheets which are used as a single layer or when assembled to form multiple layer construction. It also specifies the test methods and provides for the evaluation of conformity and marking of the sheets.

Keel en

Asendab EVS-EN 1013-1:1999; EVS-EN 1013-2:1999; EVS-EN 1013-3:1999; EVS-EN 1013-4:2000; EVS-EN 1013-5:2000

FprEN 15684

Identne FprEN 15684:2012

Tähtaeg 29.06.2012

Building hardware - Mechatronic cylinders - Requirements and test methods

This European Standard specifies requirements for performance and testing of Mechatronic Cylinders and their keys and/or electronic keys. It applies to cylinders for such locks designed to be normally used in buildings. It also applies to cylinders for use with other hardware products such as exit devices, door operators, etc. or monitoring facilities and alarm systems. It establishes categories of use based on performance tests and grades of security based on design requirements and on performance tests that simulate attack. This European standard includes assessment of additional features when they are included in the cylinder design. This European standard does not cover any other element of a security system, other than those directly involved in the control of a cylinder. The suitability of cylinders for use on fire or smoke-door assemblies is determined by fire performance tests conducted in addition to the performance testing specified by this European standard; see Annex A.

Keel en

FprEN ISO 16484-5

Identne FprEN ISO 16484-5:2012

ja identne ISO/FDIS 16484-5:2012

Tähtaeg 29.06.2012

Building automation and control systems - Part 5: Data communication protocol (ISO/FDIS 16484-5:2012)

This part of ISO 16484 defines data communication services and protocols for computer equipment used for monitoring and control of heating, ventilation, air-conditioning and refrigeration (HVAC&R) and other building systems. It defines, in addition, an abstract, object-oriented representation of information communicated between such equipment, thereby facilitating the application and use of digital control technology in buildings. The scope and field of application are furthermore detailed in Clause 2 of the enclosed ANSI/ASHRAE publication.

Keel en

Asendab EVS-EN ISO 16484-5:2011

FprHD 60364-7-718:2012/prAA

Identne FprHD 60364-7-718:2010/prAA:201
Tähtaeg 29.06.2012

Low-voltage electrical installations - Part 7-718: Requirements for special installations or locations - Communal facilities and workplaces

This standard provides additional requirements for electrical installations applicable to communal facilities and workplaces. Requirements of other parts of the 7-7XX series of IEC 60364 are also applicable, if they are relevant to this part. Typical examples of communal facilities and workplaces are listed below: - Assembly halls, assembly rooms - Exhibition halls - Theatres, cinemas - Sport arenas - Sales areas – Restaurants - Hotels, guest houses, residential care homes – Schools - Enclosed car parks - Meeting places, swimming halls, airports, railway stations, high rise buildings - Workshops, factories and industrial plants Access routes and escape routes are part of the above mentioned examples. The necessity of providing safety services in special buildings and areas may be governed by national regulations which may contain more stringent requirements.

Keel en

HD 60364-5-51:2009/prAA

Identne HD 60364-5-51:2009/prAA:2012
Tähtaeg 29.06.2012

Ehitiste elektripaigaldised. Osa 5-51: Elektriseadmete valik ja paigaldamine. Üldjuhised

This part of HD 60364 deals with the selection of equipment and its erection. It provides common rules for compliance with measures of protection for safety, requirements for proper functioning for intended use of the installation, and requirements appropriate to the external influences foreseen.

Keel en

prEN 12390-13

Identne prEN 12390-13:2012
Tähtaeg 29.06.2012

Testing hardened concrete - Part 13: Determination of secant modulus of elasticity in compression

This standard specifies the procedure for the determination of the secant modulus of elasticity in compression of hardened concrete on test specimens which may be cast or taken from a structure.

Keel en

prEN 12597

Identne prEN 12597:2012
Tähtaeg 29.06.2012

Bituumen ja bituumensideained. Terminoloogia

This European Standard defines terms for paving grade or industrial bitumen of various types and binders derived from bitumen. This standard is intended to cover materials only within the scope of CEN/TC 336, i.e. only bitumens and bituminous binders. It should consequently not extend to non-petroleum "hydrocarbon" binders such as coal tar and its derivatives or to natural asphalts. However, some definitions are given for some excluded materials and related terms. The corresponding terms were introduced only when they appeared in a definition of a product or process and when their definition was found necessary for understanding or for avoiding any ambiguity.

Keel en

Asendab EVS-EN 12597:2007

prEN 13055

Identne prEN 13055:2012
Tähtaeg 29.06.2012

Lightweight aggregates for concrete, mortar, grout, bituminous mixtures, surface treatments and for unbound and bound applications

This European Standard specifies the properties of lightweight aggregates and fillers derived thereof obtained by processing natural or manufactured materials and mixtures of these aggregates for concrete, mortar and grout, bituminous mixtures and surface treatments and for unbound and hydraulically bound applications for construction works. This European Standard covers lightweight aggregates of mineral origin having particle densities not exceeding 2000 kg/m³ (2,000 Mg/m³) or loose bulk densities not exceeding 1200 kg/m³ (1,200 Mg/m³) including: a) natural lightweight aggregates; b) lightweight aggregates manufactured from natural materials; c) lightweight aggregates manufactured from by-products of industrial processes or from recycled materials; d) lightweight aggregates as by-products of industrial processes. A list of the source materials that have been considered and are within the scope of this standard is given in Annex A (normative). NOTE 1 Recycled aggregates from construction and demolition waste and Municipal Solid Waste Incinerator Bottom Ash (MIBA) are covered by standards EN 12620, EN 13043, EN 13139 and EN 13242. Some lightweight aggregates for specific applications are covered in separate European product standards (Annex B, normative). This standard incorporates a general requirement that aggregates shall not release any dangerous substances in excess of the maximum permitted levels specified in a relevant European Standard for the material or permitted in the national regulations of the member state of destination. NOTE 2 Requirements for the declaration of the potential of aggregates to release regulated dangerous substances are currently under development. Until such time as these are finalised attention should be paid to requirements at the place of use. This standard also specifies that a quality control system is in place for use in factory production control and it provides for the evaluation of conformity of the products to this European Standard. The requirements specified in this standard may not be equally relevant to all types of lightweight aggregates. For particular applications the requirements and tolerances can be adapted for the end use.

Keel en

Asendab EVS-EN 13055-1:2005; EVS-EN 13055-2:2004

prEN 14076

Identne prEN 14076 rev:2012
Tähtaeg 29.06.2012

Puittrepid. Terminoloogia

This European Standard defines general terms relating to timber stairs or to timber in prefabricated stairs, including wood-based materials for dwellings and buildings other than dwellings for permanent use

Keel en

Asendab EVS-EN 14076:2004

prEN 15091

Identne prEN 15091:2012

Tähtaeg 29.06.2012

Sanitary tapware - Electronic opening and closing sanitary tapware

The purpose of this European Standard is to define requirements for marking, identification, leaktightness, electrical and operational safety and mechanical resistance for sanitary tapware with opening and closing controlled electronically.

Keel en

Asendab EVS-EN 15091:2007; EVS-EN 15091:2007/AC:2007

prEN 15269-5

Identne prEN 15269-5:2012

Tähtaeg 29.06.2012

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 5: Fire resistance of hinged and pivoted metal framed glazed doorsets and openable windows

This Part of prEN 15269, which should be read in conjunction with prEN 15269-1, covers single and double leaf, hinged and pivoted metal framed, glazed doorsets or openable windows. This document prescribes the methodology for extending the application of test results obtained from test(s) conducted in accordance with EN 1634-1. Subject to the completion of the appropriate test or tests selected from those identified in Clause 4 the extended application may cover all or some of the following non-exhaustive list: - Integrity only (E), radiation (EW) or insulated (EI1 or EI2) classifications; - Doorsets and openable windows - Door / window leaf; - wall/ceiling fixed elements (frame/suspension system); - glazing and non-glazed panels in doorset and openable window - items of building hardware; - decorative finishes; - intumescent, smoke, draught or acoustic seals; - alternative supporting construction(s).

Keel en

prEN 16416

Identne prEN 16416:2012

Tähtaeg 29.06.2012

Geosynthetic clay barriers - Determination of water flux index - Flexible wall permeameter method at constant head

This European Standard describes an index test method that covers laboratory measurement of water flux through saturated geosynthetic clay barrier (GBR-C) specimens using a flexible wall permeameter at constant head. This test method is applicable to GBR-C products with no additional sealing layers attached. This test method provides a measurement of flux under a prescribed set of conditions that can be used for manufacturing quality control. The test method can also be used to check conformance. The flux value determined using this test method is not considered to be representative of the in-service flux of a GBR-C.

Keel en

prEN 16430-1

Identne prEN 16430-1:2012

Tähtaeg 29.06.2012

Fan assisted radiators, convectors and trench convectors - Part 1: Technical specifications and requirements

This European Standard defines the technical specifications and requirements of fan assisted radiators, convectors and trench convectors for permanent installation in central heating systems. This European Standard covers radiators and convectors fed with water or steam at temperatures below 120 °C, supplied by a remote heating source. This European Standard does not apply to discrete heating appliances. This European Standard also defines the additional common data that the manufacturer shall provide to the trade in order to ensure the correct application of the products. This European Standard applies to the testing of thermal output and cooling capacity of fan assisted radiators, convectors and trench convectors, i.e. - fan assisted radiators and convectors, provided the heater/cooler has a dedicated fan or fans, - trench convectors with and without fan(s), provided the fan(s) are dedicated, - ventilation radiators and convectors (only heating). This European Standard also applies for radiators and convectors according to EN 442-2 to determine their cooling capacity.

Keel en

prEN 16430-2

Identne prEN 16430-2:2012

Tähtaeg 29.06.2012

Fan assisted radiators, convectors and trench convectors - Part 2: Test method and rating for thermal output

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies. EN 442-2, Radiators and convectors - Part 2: Test methods and rating EN 636, Plywood – Specifications EN ISO/IEC 17025, General requirements for the competence of testing and calibration laboratories (ISO/IEC 17025)

Keel en

prEN 16430-3

Identne prEN 16430-3:2012

Tähtaeg 29.06.2012

Fan assisted radiators, convectors and trench convectors - Part 3: Test method and rating for cooling capacity

This European Standard applies to the testing of the cooling capacity with no condensation of fan assisted radiators, convectors and trench convectors, i.e. - fan assisted radiators and convectors, provided the heater has a dedicated fan or fans, - radiators and convectors without dedicated fan(s), - trench convectors with and without fan(s), provided the heater and the fan(s) are dedicated.

Keel en

prEN 16433

Identne prEN 16433:2012

Tähtaeg 29.06.2012

Internal blinds - Protection from strangulation hazards - Test methods

This European Standard specifies test methods for the verification of the requirements relating to the protection from strangulation as specified in EN 13120/prA1:2012. It applies to all internal blinds, whatever their design and the nature of the materials used, such as: - venetian blind: free hanging, guided, non-retractable; - roller blind: free hanging, side guided, with tensioned fabric; - vertical blind: free hanging, with top and bottom track, sloping headrail; - pleated and honeycomb blind: free hanging, guided, laterally moving, tensioned; - Roman Shades; - Austrian / Festoon blinds; - panel blinds; - plantation shutters; - roll-up blinds. This European Standard also applies to insect screens as specified in EN 13561 and to blinds in sealed glazed units. These products may be operated manually, with or without compensating springs, or by means of electric motors (power operated products).

Keel en

prEN 16434

Identne prEN 16434:2012

Tähtaeg 29.06.2012

Internal blinds - Protection from strangulation hazards - Requirements and Test methods for safety devices

This European Standard specifies requirements and test methods for safety devices to be used for protection from strangulation in internal blinds as specified in EN 13120 and insect screens as specified in EN 13561. These devices might be fitted to internal blinds and insect screens at the time of manufacture or for retrofitting. Safety devices covered include the following: - Tensioning devices; - Breakaway devices; - Accumulation devices; - Non tangling devices; - Inner cord stops. NOTE Although at the time this standard has been published, no product standard exists for draperies, requirements and test methods specified in the present standard might be applied to safety devices used in such products. For clarification purpose, the term "internal blinds" used in the present standard should mean "internal blinds and insect screens".

Keel en

prEN ISO 16283-1

Identne prEN ISO 16283-1 rev:2012

ja identne ISO/DIS 16283-1:2012

Tähtaeg 29.06.2012

Acoustics - Field measurement of sound insulation in buildings and of building elements - Part 1: Airborne sound insulation (ISO/DIS 16283-1:2012)

This part of ISO 16283 specifies procedures to determine the airborne sound insulation between two rooms in a building using sound pressure measurements. It is intended for room volumes in the range from 10 to 250 m³ in the frequency range from 50 to 5 000 Hz. The test results can be used to quantify, assess and compare the airborne sound insulation in unfurnished or furnished rooms where the sound field may, or may not approximate to a diffuse field. The measured airborne sound insulation is frequency-dependent and can be converted into a single number to characterise the acoustic performance using the rating procedures in ISO 717-1.

Keel en

Asendab EVS-EN ISO 140-14:2004; EVS-EN ISO 140-14:2004/AC:2009; EVS-EN ISO 140-4:1999; EVS-EN ISO 140-5:1999; EVS-EN ISO 140-7:2000

93 RAJATISED**UUED STANDARDID JA PUBLIKATSIOONID****CEN/TR 1317-6:2012**

Hind 17,08

Identne CEN/TR 1317-6:2012

Road restraint systems - Part 6: Pedestrian restraint system - Pedestrian parapets

This Technical Report specifies geometrical and technical requirements for the design and manufacture for pedestrian parapets on road bridges, on footbridges, on top of retaining walls and on similar elevated structures. This Technical Report also specifies test methods and provision for the labelling and marking of these products. This Technical Report does not cover: - vehicle restraint systems; - pedestrian restraint systems in residential, commercial or industrial buildings and within their perimeter; - non-rigid rails i.e. rope, cables. This Technical Report may be used for pedestrian parapets on structures which cross over railways, rivers and canals.

Keel en

CEN/TS 1317-8:2012

Hind 16,1

Identne CEN/TS 1317-8:2012

Road restraint systems - Part 8: Motorcycle road restraint systems which reduce the impact severity of motorcyclist collisions with safety barriers

This Technical Specification specifies requirements for the impact performance of systems designed for the reduction of impact severity for PTW riders impacting safety barriers whilst sliding along the ground, having fallen from their PTW vehicle. The protection systems concerned are those fitted to barriers or barriers that have an inherent PTW rider protection or risk reduction capability. This Technical Specification excludes the assessment of the vehicle restraint capabilities of barriers and the risk that they represent to the occupants of impacting cars. The assessment of performance of impacting vehicles is covered by EN 1317-1 and EN 1317-2. This Technical Specification defines performance classes taking into account rider speed classes, impact severity and the working width of the system with respect to rider impacts. For systems designed to be added to a standard barrier, the test results are valid only when the system is fitted to the model of barrier used in the tests since the performance will not necessarily be the same if the system is fitted to a different barrier.

Keel en

CEN/TS 13598-3:2012

Hind 12,51

Identne CEN/TS 13598-3:2012

Plastics piping systems for non-pressure underground drainage and sewerage - Unplasticized poly(vinyl chloride)(PVC-U), polypropylene (PP) and polyethylene (PE) - Part 3: Guidance for assessment of conformity

This Technical Specification gives guidance for the assessment of conformity of compounds/formulations, products and assemblies in accordance with Parts 1 and 2 of EN 13598 intended to be included in the manufacturer's quality plan as part of the quality management system and for the establishment of third-party certification procedures. NOTE In order to help the reader, a basic test matrix is given in Annexes A and B. In conjunction with EN 13598- 1 and -2, this Technical Specification is applicable to ancillary underground drainage fittings including manholes and inspection chambers: - for non-pressure underground drainage and sewerage outside the building structure (application area code "U"), reflected in the marking of products by "U", and - for non-pressure underground drainage and sewerage for both buried in ground within the building structure (application area code "D") and outside the building structure (application area code "U"), reflected in the marking of products by "UD".

Keel en

CEN/TS 16165:2012

Hind 18

Identne CEN/TS 16165:2012

Determination of slip resistance of pedestrian surfaces - Methods of evaluation

This Technical Specification specifies test methods for the determination of the slip resistance of surfaces in the most commonly encountered situations in which pedestrians walk. This Technical Specification does not cover sports surfaces and road surfaces for vehicles (skid resistance).

Keel en

EVS-EN 1317-5:2007+A2:2012

Hind 16,1

Identne EN 1317-5:2007+A2:2012

Teepiiridesüsteemid. Osa 5: Sõidukiiridesüsteemide toodetele esitatavad nõuded ja vastavushindamine KONSOLIDEERITUD TEKST

Käesolev Euroopa standard sätestab nõuded järgmiste sõidukiiridesüsteemide vastavuse hindamiseks: a) pörkepiirded; b) pörkeleevendid; c) terminalid (jõustub pärast ENV 1317-4 vastuvõtmist EN standardina); d) üleminekud (jõustub pärast ENV 1317-4 vastuvõtmist EN standardina); e) sõiduki-/jalakäijapiirded (üksnes sõidukiiridesüsteemide funktsioone täitvad). Käesolev dokument ei käsitle nõudeid jalakäijate rinnatistele. Käesolev dokument sisaldab nõudeid ilmastikukindluse hindamiseks. Käesolev dokument ei sisalda muid vastupidavusnõudeid (nt merekeskkonnas, liivast põhjustatud hõõrdumine). Ajutised piirded ei kuulu käesoleva dokumendi käsitlusalasasse.

Keel en

Asendab EVS-EN 1317-5:2007+A1:2008

EVS-EN 12697-19:2012

Hind 8,01

Identne EN 12697-19:2012

Bituminous mixtures - Test methods for hot mix asphalt - Part 19: Permeability of specimen

This European Standard specifies a method for determining the vertical and horizontal permeability of cylindrical specimens of bituminous mixtures with interconnecting voids. The standard applies to specimens cored out of the road, specimens from laboratory made slabs or laboratory specimens prepared with a compaction device provided the thickness of the specimen is not less than twice the nominal maximum particle size of the aggregate in the mixture. The nominal diameter of specimens should be either 100 mm or 150 mm unless the nominal maximum particle size of the aggregate size exceeds 22 mm, when the nominal diameter is 150 mm.

Keel en

Asendab EVS-EN 12697-19:2004+A1:2007

EVS-EN 12697-20:2012

Hind 10,19

Identne EN 12697-20:2012

Bituminous mixtures - Test methods for hot mix asphalt - Part 20: Indentation using cube or cylindrical specimens (CY)

This European Standard specifies a test method for determining the depth of indentation of mastic asphalt and other asphalt, when force is applied to them via a cylindrical indenter pin with a circular flat-ended base. This European Standard applies to aggregates of maximum nominal size less or equal to 16 mm.

Keel en

Asendab EVS-EN 12697-20:2004

EVS-EN 12697-21:2012

Hind 8,01

Identne EN 12697-21:2012

Bituminous mixtures - Test methods for hot mix asphalt - Part 21: Indentation using plate specimens

This European Standard specifies a test method for measuring the indentation of mastic asphalt when it is penetrated at a given temperature, load and for a fixed time period by a standardised cylindrical indenter pin with a circular flat-ended base. This European Standard applies to mastic asphalt with aggregates of maximum nominal size less or equal to 16 mm.

Keel en

Asendab EVS-EN 12697-21:2004; EVS-EN 12697-21:2004/AC:2007

EVS-EN 12697-30:2012

Hind 12,51

Identne EN 12697-30:2012

Asfaltsegud. Kuuma asfaltsegu katsemeetodid. Osa 30: Proovikehade valmistamine lööktihendamisega

This European Standard specifies methods of moulding specimens from bituminous mixtures by impact compaction. Such specimens are primarily used to determine bulk density and other technological characteristics e.g. Marshall stability and flow according to EN 12697-34. This European Standard applies to bituminous mixtures (both those made up in a laboratory and those resulting from work site sampling), with not more than 15 % by mass retained on the 22,4 mm sieve and none on the 31,5 mm sieve.

Keel en

Asendab EVS-EN 12697-30:2004+A1:2007

EVS-EN 13146-1:2012

Hind 7,38

Identne EN 13146-1:2012

Railway applications - Track - Test methods for fastening systems - Part 1: Determination of longitudinal rail restraint

This European Standard specifies a laboratory test procedure to determine: a) the maximum longitudinal force that can be applied to a rail, secured to a sleeper, bearer or element of slab track by a rail fastening assembly, without non-elastic displacement of the rail occurring, or b) the longitudinal stiffness at a specified longitudinal displacement of a specimen of embedded rail with an adhesive fastening system.

Keel en

Asendab EVS-EN 13146-1:2003

EVS-EN 13146-2:2012

Hind 6,47

Identne EN 13146-2:2012

Railway applications - Track - Test methods for fastening systems - Part 2: Determination of torsional resistance

This European Standard specifies a laboratory test procedure to determine the moment necessary to rotate a rail, secured to a sleeper by a rail fastening assembly, through 1° in a plane parallel to the base of the rail. The value obtained can be used in track stability calculations. The test is not applicable to embedded rails. This test procedure applies to a complete fastening assembly.

Keel en

Asendab EVS-EN 13146-2:2003

EVS-EN 13146-3:2012

Hind 9,49

Identne EN 13146-3:2012

Railway applications - Track - Test methods for fastening systems - Part 3: Determination of attenuation of impact loads

This European Standard specifies laboratory test procedures for applying an impact to a rail fastened to a concrete sleeper or bearer which simulates the impact loading caused by traffic on railway tracks and measuring the strain induced in the sleeper. They are used for comparing the attenuation of impact loads on concrete sleepers or bearers by different rail pads. A reference procedure and alternative procedure are included. This test is only applicable to ballasted track. These test procedures apply to a complete fastening assembly.

Keel en

Asendab EVS-EN 13146-3:2003

EVS-EN 13146-4:2012

Hind 9,49

Identne EN 13146-4:2012

Railway applications - Track - Test methods for fastening systems - Part 4: Effect of repeated loading

This European Standard specifies a laboratory test procedure for applying repeated displacement cycles representative of the displacements caused by traffic on railway track. It is used for assessing the long term performance of direct fastening systems. The procedure is applicable to surface mounted rail on sleepers, bearers and slab track, and embedded rail. This test procedure applies to a complete fastening assembly.

Keel en

Asendab EVS-EN 13146-4:2003; EVS-EN 13146-4:2003/A1:2006

EVS-EN 13146-5:2012

Hind 7,38

Identne EN 13146-5:2012

Railway applications - Track - Test methods for fastening systems - Part 5: Determination of electrical resistance

This European Standard specifies a laboratory test procedure for determining the electrical resistance, in wet conditions, between the running rails provided by a fastening system fitted to a steel or concrete sleeper, bearer or element of slab track. It is also applicable to embedded rail. This test procedure applies to a complete fastening assembly. It is relevant to signalling currents, not to traction currents. A reference procedure and an alternative procedure are included.

Keel en

Asendab EVS-EN 13146-5:2003

EVS-EN 13146-6:2012

Hind 5,62

Identne EN 13146-6:2012

Railway applications - Track - Test methods for fastening systems - Part 6: Effect of severe environmental conditions

This European Standard specifies a laboratory test procedure for finding the effect of exposure to severe environmental conditions on the fastening system. This test procedure applies to a complete fastening assembly including embedded rail with mechanical fastenings. It is not applicable to embedded rail systems relying on adhesive components to secure the rail.

Keel en

Asendab EVS-EN 13146-6:2002

EVS-EN 13146-7:2012

Hind 6,47

Identne EN 13146-7:2012

Railway applications - Track - Test methods for fastening systems - Part 7: Determination of clamping force

This European Standard specifies a laboratory test procedure for determining the clamping force exerted by the fastening system on the foot of a rail by measuring the force to separate the rail foot from its immediate support. It is applicable to systems with and without baseplates on all types of sleepers, bearers and elements of slab track. The test does not determine the security of fastening components fixed into the sleeper or other fastening system support. This test procedure applies to a complete fastening assembly. It is not applicable to fastening systems for embedded rail.

Keel en

Asendab EVS-EN 13146-7:2003

EVS-EN 13146-8:2012

Hind 6,47

Identne EN 13146-8:2012

Raudteelased rakendused. Rööpad. Katsemeetodid kinnitussüsteemidele. Osa 8: Eksploatatsioonikatsed

This European Standard specifies a procedure for the comparative testing of fastening systems in track. The test procedure is applicable to fastening systems which in all other respects conform to EN 13481-2:2012, EN 13481-3:2012, EN 13481-4:2012, EN 13481-5:2012 and EN 13481-7:2012. This test applies to complete fastening assemblies. It is only used for comparative testing of such fastening systems installed at the same time on the type of support for which they are intended.

Keel en

Asendab EVS-EN 13146-8:2002; EVS-EN 13146-8:2002/A1:2006

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 1317-5:2007+A1:2008**

Identne EN 1317-5:2007+A1:2008

Teepiirdesüsteemid. Osa 5: Sõidukiirdesüsteemide toodetele esitatavad nõuded ja vastavushindamine KONSOLIDEERITUD TEKST

Käesolev Euroopa standard sätestab nõuded järgmiste sõidukiirdesüsteemide vastavuse hindamiseks:

- põrkepiirded;
- põrkeleevendid;
- terminalid (jõustub pärast ENV 1317-4 vastuvõtmist EN standardina);
- üleminekud (jõustub pärast ENV 1317-4 vastuvõtmist EN standardina);
- sõiduki-/jalakäijapiirded (üksnes sõidukiirdesüsteemide funktsioone täitvad).

Käesolev dokument ei käsitle nõudeid jalakäijate rinnatistele.

Käesolev dokument sisaldab nõudeid ilmastikukindluse hindamiseks.

Käesolev dokument ei sisalda muid vastupidavusnõudeid (nt merekeskkonnas, liivast põhjustatud hõõrdumine).

Ajutised piirded ei kuulu käesoleva dokumendi käsitlusalasse.

Keel et

Asendab EVS-EN 1317-5:2007

Asendatud EVS-EN 1317-5:2007+A2:2012

EVS-EN 12697-19:2004+A1:2007

Identne EN 12697-19:2004+A1:2007

Bituminous mixtures - Test methods for hot mix asphalt - Part 19: Permeability of specimen KONSOLIDEERITUD TEKST

This document describes a method for determining the vertical and horizontal permeability of cylindrical specimens of bituminous mixtures. The standard applies to specimens cored out of the road, specimens from laboratory made slabs or laboratory specimens prepared with a compaction device provided the thickness of the specimen is not less than 2,5 times the nominal maximum particle size of the aggregate in the mixture. The nominal diameter of specimens should be either 100 mm or 150 mm unless the nominal maximum particle size of the aggregate size exceeds 22 mm, when the nominal diameter shall be 150 mm diameter.

Keel en

Asendab EVS-EN 12697-19:2004

Asendatud EVS-EN 12697-19:2012

EVS-EN 12697-20:2004

Identne EN 12697-20:2003

Bituminous mixtures - Test methods for hot mix asphalt - Part 20: Indentation using cube or marshall specimens

This European Standard describes a test method for determining the depth of indentation of mastic asphalt and rolled asphalt, when force is applied to them via a cylindrical indenter pin with a circular flat-ended base. This European Standard applies to aggregates of maximum nominal size less or equal to 16 mm.

Keel en

Asendatud EVS-EN 12697-20:2012

EVS-EN 12697-21:2004

Identne EN 12697-21:2003

Bituminous mixtures - Test methods for hot mix asphalt - Part 21: Indentation using plate specimens

This European Standard describes a test method for measuring the indentation of mastic asphalt when it is penetrated at a given temperature, load and for a fixed time period by a standardised cylindrical indenter pin with a circular flat-ended base. This European Standard applies to mastic asphalt with aggregates of maximum nominal size less or equal to 16 mm

Keel en

Asendatud EVS-EN 12697-21:2012

EVS-EN 12697-30:2004+A1:2007

Identne EN 12697-30:2004+A1:2007

Asfaltsegud. Kuuma asfaltsegu katsemeetodid. Osa 30: Proovikehade valmistamine lööktiendamise

See standard kirjeldab meetodeid asfaltsegudest proovikehade valmistamiseks lööktiendamiseks. Selliseid proovikehi kasutatakse peamiselt mahumassi ja muude tehnoloogiliste omaduste, nt EN 12697-34 kohaselt Marshalli stabiilsuse ning voolavuse, määramiseks. Standard sobib asfaltsegudele (nii neile, mis on laboris valmistatud kui ka neile, mis on saadud tootmiskohalt võetud proovina) täitematerjali suurima teramõõduga mitte üle 22,4 mm

Keel et

Asendab EVS-EN 12697-30:2004

Asendatud EVS-EN 12697-30:2012

EVS-EN 12697-21:2004/AC:2007

Identne EN 12697-21:2003/AC:2007

Bituminous mixtures - Test methods for hot mix asphalt - Part 21: Indentation using plate specimens

Keel en

Asendatud EVS-EN 12697-21:2012

EVS-EN 13146-2:2003

Identne EN 13146-2:2002

Railway applications - Track - Test methods for fastening systems - Part 2: Determination of torsional resistance

This Part of this European Standard specifies a laboratory test procedure to determine the moment necessary to rotate a rail, secured to a sleeper by a rail fastening assembly, through 1° in a plane parallel to the base of the sleeper. The value obtained can be used in track stability calculations

Keel en

Asendatud EVS-EN 13146-2:2012

EVS-EN 13146-3:2003

Identne EN 13146-3:2002

Railway applications - Track - Test methods for fastening systems - Part 3: Determination of attenuation of impact loads

This Part of this European Standard specifies laboratory test procedures for applying an impact to a rail fastened to a concrete sleeper or bearer which simulates the impact loading caused by traffic on railway track and measuring the strain induced in the sleeper. They are used for comparing the attenuation of impact loads on concrete sleepers or bearers by different rail pads. A reference procedure and alternative procedure are included

Keel en

Asendatud EVS-EN 13146-3:2012

EVS-EN 13146-5:2003

Identne EN 13146-5:2002

Railway applications - Track - Test methods for fastening systems - Part 5: Determination of electrical resistance

This Part of this European Standard specifies a laboratory test procedure for determining the electrical resistance, in wet conditions, between the running rails provided by a fastening system fitted to a steel or concrete sleeper, bearer or element of slab track

Keel en

Asendatud EVS-EN 13146-5:2012

EVS-EN 13146-6:2002

Identne EN 13146-6:2002

Railway applications - Track - Test methods for fastening systems - Part 6: Effect of severe environmental conditions

This European Standard specifies a laboratory test procedure for finding the effect of exposure to severe environmental conditions on the fastening system. This test procedure applies to a complete fastening assembly.

Keel en

Asendatud EVS-EN 13146-6:2012

EVS-EN 13146-7:2003

Identne EN 13146-7:2002

Railway applications - Track - Test methods for fastening systems - Part 7: Determination of clamping force

This Part of this European Standard specifies laboratory test procedures for measuring the clamping force exerted by the fastening system on the foot of a rail. It is applicable to systems with and without baseplates on all types of sleepers, bearers and elements of slab track

Keel en

Asendatud EVS-EN 13146-7:2012

EVS-EN 13146-1:2003

Identne EN 13146-1:2002

Railway applications - Track - Test methods for fastening systems - Part 1: Determination of longitudinal rail restraint

This Part of this European Standard specifies a laboratory test procedure to determine the maximum axial load that can be applied to a rail, secured to a sleeper, bearer or element of slab track by a rail fastening assembly, without non-elastic displacement of the rail occurring

Keel en

Asendatud EVS-EN 13146-1:2012

EVS-EN 13146-4:2003

Identne EN 13146-4:2002

Railway applications - Track - Test methods for fastening systems - Part 4: Effect of repeated loading

This Part of this European Standard specifies a laboratory test procedure for applying repeated displacement cycles representative of the displacements caused by traffic on railway track. It is used for assessing the long term performance of direct fastening systems

Keel en

Asendatud EVS-EN 13146-4:2012

EVS-EN 13146-4:2003/A1:2006

Identne EN 13146-4:2002/A1:2006

Railway applications - Track - Test methods for fastening systems - Part 4: Effect of repeated loading

This Part of this European Standard specifies a laboratory test procedure for applying repeated displacement cycles representative of the displacements caused by traffic on railway track. It is used for assessing the long term performance of direct fastening systems

Keel en

Asendatud EVS-EN 13146-4:2012

EVS-EN 13146-8:2002

Identne EN 13146-8:2002

Raudteealased rakendused. Rööpad. Katsemeetodid kinnitussüsteemidele. Osa 8: Ekspluatatsioonikatsed

This Part of this European Standard specifies a procedure for the comparative testing of fastening systems in track. The test procedure is applicable to fastening systems which in all other respects comply with prEN 13481 Parts 2-7. This test applies to complete fastening assemblies. It is only to be used for comparative testing of such fastening systems installed at the same time on the type of support for which they are intended

Keel en

Asendatud EVS-EN 13146-8:2012

EVS-EN 13146-8:2002/A1:2006

Identne EN 13146-8:2002/A1:2006

Raudteealased rakendused. Rööpad. Katsemeetodid kinnitussüsteemidele. Osa 8: Eksploatatsioonikatsed

This Part of this European Standard specifies a procedure for the comparative testing of fastening systems in track. The test procedure is applicable to fastening systems which in all other respects comply with EN 13481 Parts 2-7. This test applies to complete fastening assemblies. It is only to be used for comparative testing of such fastening systems installed at the same time on the type of support for which they are intended

Keel en

Asendatud EVS-EN 13146-8:2012

95 SÕJATEHNIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 16341:2012

Hind 6,47

Identne EN 16341:2012

Selection of standards and standard-like documents for defence products and services - Order of preference

This European Standard applies to the provision, development, use, improvement and disposal of defence products and services in accordance with Chapter II of Directive 2009/81/EC. It also applies to measures intended to maintain the operational readiness of products. This document supports project managers in the selection and use of applicable standards and standard-like documents.

Keel en

97 OLME. MEELELAHUTUS. SPORT

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 30-1-2:2012

Hind 11,67

Identne EN 30-1-2:2012

Kodused gaaskuumutusega toiduvalmistusseadmed. Osa 1-2: Ohutus. Võimendatud konvektsiooniga ahjud ja/või grillid

This European Standard specifies the special constructional and operational characteristics, as well as the requirements and methods of test for safety and marking, for domestic cooking appliances having forced convection ovens and /or grills using combustible gases, as defined in EN 30-1-1:2008+A2:2010. Unless specifically excluded, this European Standard applies to appliances or their component parts, whether the component parts are independent or incorporated as part of the appliance, even if the other heating components use electrical energy (for example combined gas-electric cookers). This European Standard includes requirements covering the electrical safety of equipment incorporated in the appliance that are associated with the use of gas. It does not include requirements covering the electric safety of electrically-heated components or their associated equipment¹). This European Standard does not apply to: - outdoor appliances; - appliances connected to a combustion products evacuation duct; - appliances having a pyrolytic gas oven; - appliances having covered burners which do not comply with the constructional requirements of EN 30-1-1:2008+A2:2010, 5.2.8.2.2; - appliances incorporating flame supervision devices and having an automatic ignition device for which the duration of the ignition attempt is limited by design; - appliances equipped with a burner that is periodically ignited and extinguished under the control of an automatic on/off device; - appliances equipped with a burner having a fan for the supply of combustion air or for the evacuation of the products of combustion; - appliances supplied at pressures greater than those defined in EN 30-1-1:2008+A2:2010, 7.1.2; - appliances equipped with an oven and/or with a grill having a fan either for the supply of combustion air or for the evacuation of the products of combustion; - appliances equipped with a compartment in which a burner and an electric heating element can function simultaneously; - appliances having one or more burners that are capable of remote operation (type 1 or type 2), unless the burner(s) concerned are thermostatically controlled oven burners of time-controlled ovens that are designed for a delayed start without the user being present. This European Standard does not cover the requirements relating to third family gas cylinders, their regulators and their connection. This European Standard only covers type testing.

Keel en

Asendab EVS-EN 30-1-2:2000

EVS-EN 747-1:2012

Hind 8,01

Identne EN 747-1:2012

Furniture - Bunk beds and high beds - Part 1: Safety, strength and durability requirements

This European Standard specifies requirements for the safety, strength and durability of bunk beds and high beds for domestic and non-domestic use. The loads and forces in the strength and durability tests apply to beds with an internal length greater than 140 cm and a maximum bed base width of 120 cm. The dimensional requirements are intended to minimise the risk of accidents, particularly to children. The strength and durability requirements are intended to represent use by one occupant per bed. Safety requirements for other products included in a bunk bed/high bed, for example a table or storage furniture, are not included in this standard. This European Standard does not apply to bunk beds and high beds used for special purposes, including but not limited to prison, the military and fire brigades.

Keel en

Asendab EVS-EN 13453-1:2004; EVS-EN 747-1:2008

EVS-EN 747-2:2012

Hind 9,49

Identne EN 747-2:2012

Mööbel. Narivoodid ja kõrged voodid. Osa 2: Katsemeetodid

This European Standard specifies test methods for the safety, strength and durability of bunk beds and high beds for domestic and non-domestic use. The loads and forces in the strength and durability tests apply to beds with an internal length greater than 140 cm and a maximum bed base width of 120 cm. The tests are designed to be applied to a bed that is fully assembled and ready for use. The applicable safety requirements are given in EN 747-1.

Keel en

Asendab EVS-EN 13453-2:2004; EVS-EN 747-2:2008

EVS-EN 1888:2012

Hind 20,74

Identne EN 1888:2012

Child care articles - Wheeled child conveyances - Safety requirements and test methods

This European Standard specifies the safety requirements and test methods for wheeled child conveyances, designed for the carriage of one or more children, up to 15 kg each and additional 20 kg on any integrated platform on which a child can stand. This European Standard does not cover toys, shopping trolleys; baby carriers fitted with wheels; wheeled child conveyances propelled by a motor and wheeled child conveyances designed for children with special needs. Where additional products are designed to be attached to a wheeled child conveyance, a hazard and risk analysis should be undertaken to identify any potential hazards. Where a wheeled child conveyance or any part of the wheeled child conveyance has several functions or can be converted into another function it shall comply with the relevant standards.

Keel en

Asendab EVS-EN 1888:2003; EVS-EN 1888:2003/A1:2005; EVS-EN 1888:2003/A2:2005; EVS-EN 1888:2003/A3:2005

EVS-EN 13759:2012

Hind 6,47

Identne EN 13759:2012

Mööbel. Istmete ja diivanvoodite toimemehhanismid. Katsemeetodid

This European Standard specifies test methods for the determination of the durability of hand and power operated reclining mechanisms for adult seating. It also specifies test methods for the determination of the durability of mechanisms for converting sofas and chairs into beds. The test methods are based on use by a person weighing up to 110 kg. Requirements for the durability of reclining mechanisms are not included within this standard. Test methods for strength and durability of the structure are not included. It does not apply to the safety of electrically driven seating which is covered by the machinery, low voltage and EMC directives. It does not apply to tilting and reclining mechanisms fitted to work chairs.

Keel en

EVS-EN 15186:2012

Hind 11,67

Identne EN 15186:2012

Mööbel. Pinna kraapekindluse määramine

This European Standard specifies a method for the assessment of the surface resistance to penetrating scratches. It relates to the rigid surfaces of all finished products, regardless of their material. It does not apply to finishes on leather and fabrics. Method A is suitable for all types of surface coatings and coverings except for melamine faced boards (according to EN 14322) and HPL (according to EN 438-1). It simulates measurable penetrating and/or deforming scratches. Method B is suitable for all types of surfaces. It simulates first visible scratches that may only be a change in the gloss. The test is intended to be carried out on a part of finished furniture. It can however be carried out on test panels of the same material, finished in an identical manner to the finished product, and of a size sufficient to meet the requirements of the test. It is essential that the test be carried out on unused surfaces.

Keel en

Asendab CEN/TS 15186:2005

EVS-EN 50491-4-1:2012

Hind 12,51

Identne EN 50491-4-1:2012

Üldnõuded kodu- ja hooneelektroonikasüsteemidele ja hoonete automaatika- ja juhtimissüsteemidele.**Osa 4-1: Funktsionaalse ohutuse üldnõuded toodetele, mis on ette nähtud sisseehitamiseks hoonete elektroonikasüsteemidesse ja hoonete automaatika- ja juhtimissüsteemidesse**

This European Standard sets the requirements for functional safety for HBES/BACS products and systems, a multi-application bus system where the functions are decentralised, distributed and linked through a common communication process. The requirements may also apply to the distributed functions of any equipment connected in a home or building control system if no specific functional safety standard exists for this equipment or system. The functional safety requirements of this European Standard apply together with the relevant product standard for the device if any. This European Standard is part of the EN 50491 series of standards. This European Standard does not provide functional safety requirements for safety-related systems.

Keel en

Asendab EVS-EN 50090-2-3:2005

EVS-EN 60335-2-14:2006/A11:2012

Hind 7,38

Identne EN 60335-2-14:2006/A11:2012

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

This European Standard deals with the safety of electric kitchen machines for household and similar purposes, their rated voltage being not more than 250 V. NOTE Z101 Examples of appliances that are within the scope of this standard are - bean slicers; - berry-juice extractors; - blenders; - can openers; - centrifugal juicers; - churns; - citrus-fruit squeezers; - coffee mills not exceeding 500 g hopper capacity; - cream whippers; - egg beaters; - food mixers; - food processors; - grain grinders not exceeding 3 l hopper capacity; - graters; - ice-cream machines, including those for use in refrigerators and freezers; - knife sharpeners; - knives; - mincers; - noodle makers; - potato peelers; - shredders; - sieving machines; - slicing machines. 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

EVS-EN 60335-2-15:2003/A11:2012

Hind 6,47

Identne EN 60335-2-15:2002/A11:2012

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-15: Erinõuded vedelike kuumutamise seadmetele**

This European 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. NOTE Z101 Some appliances may be used for heating food. NOTE Z102 Examples of appliances that are within the scope of this standard are: - coffee-makers; - cooking pans; - egg boilers; - feeding-bottle heaters; - kettles and other appliances for boiling water, having a rated capacity not exceeding 10 l; - milk heaters; - pressure cookers having a rated cooking pressure not exceeding 140 kPa and a rated capacity not exceeding 10 l; - rice cookers; - slow cookers; - steam cookers; - wash boilers; - yoghurt makers. 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

Asendatud FprEN 60335-2-15

EVS-EN 60335-2-25:2012

Hind 14,69

Identne EN 60335-2-25:2012

ja identne IEC 60335-2-25:2010

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele**

This European Standard deals with the safety of microwave ovens for household and similar use, their rated voltage being not more than 250 V. This European Standard also deals with combination microwave ovens, for which Annex AA is applicable. This standard also deals with microwave ovens intended to be used on board ships, for which Annex BB is applicable. As far as is practicable, this European Standard deals with the common hazards presented by appliances that are encountered by all persons in household and similar environments. However, in general, it does not take into account: - children playing with the appliance; - the use of the appliance by very young children; - the use of the appliance by young children without supervision. It is recognized that very vulnerable people may have needs beyond the level addressed in this European Standard.

Keel en

Asendab EVS-EN 60335-2-25:2003/A2:2006; EVS-EN 60335-2-25:2003/A11:2010; EVS-EN 60335-2-25:2003; EVS-EN 60335-2-25:2003/A1:2005

EVS-EN 60335-2-30:2010/A11:2012

Hind 5,62

Identne EN 60335-2-30:2009/A11:2012

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

This European 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 Z101 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, EN 60335-2-80 is applicable as far as is reasonable. 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

EVS-EN 60335-2-36:2003/A11:2012

Hind 6,47

Identne EN 60335-2-36:2002/A11:2012

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-36: Erinõuded kaubanduslikele elektripliitidele, -ahjudele, -pliidiplaatidele ja pliidiplaatide elementidele**

This standard deals with the safety of electrically operated cooking ranges, ovens, hobs, hob elements and similar appliances not intended for household use, their rated voltage being not more than 250 V for single phase appliances connected between one phase and neutral and 480 V for other appliances.

Keel en

EVS-EN 60335-2-37:2003/A11:2012

Hind 6,47

Identne EN 60335-2-37:2002/A11:2012

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

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

Keel en

EVS-EN 60335-2-42:2003/A11:2012

Hind 6,47

Identne EN 60335-2-42:2003/A11:2012

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 2-42: Erinõuded kaubanduslikele elektrilistele sundkonveksiooniga ahjudele, aurukeetjatele ja aurukonveksiooniga ahjudele

Deals with the safety of electrically operated commercial forced convection ovens, steam cookers, steam-convection ovens and, exclusive of any other use, steam generators, not intended for household use. The rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral and 480 V for other appliances. Appliances within the scope of this standard are typically used in restaurants, canteens, hospitals and commercial enterprises such as bakeries, butcheries, etc. The electrical part of appliances making use of other forms of energy is also within the scope of this standard

Keel en

EVS-EN 60335-2-47:2003/A11:2012

Hind 6,47

Identne EN 60335-2-47:2003/A11:2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-47: Erinõuded kaubanduslikele elektrikeedupottidele

Deals with the safety of electrically operated commercial boiling pans not intended for household use. The rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral, and 480 V for other appliances. Appliances which are within the scope of this standard are typically used in restaurants, canteens, hospitals and commercial enterprises such as bakeries, butcheries, etc. The electrical part of appliances making use of other forms of energy is also within the scope of this standard

Keel en

EVS-EN 60335-2-48:2003/A11:2012

Hind 6,47

Identne EN 60335-2-48:2003/A11:2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-48: Erinõuded kaubanduslikele grillidele ja rösteritele

Deals with the safety of electrically operated commercial grillers and toasters not intended for household use. The rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral, and 480 V for other appliances. Rotary or continuous grillers and toasters and similar appliances intended for grilling by radiant heat such as rotisseries, salamanders, etc. are within the scope of this standard. Appliances within the scope of this standard are typically used in restaurants, canteens, hospitals and commercial enterprises such as bakeries, butcheries, etc. The electrical part of appliances making use of other forms of energy is also within the scope of this standard

Keel en

EVS-EN 60335-2-49:2003/A11:2012

Hind 6,47

Identne EN 60335-2-49:2003/A11:2012

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-49: Erinõuded kaubanduslikele elektrilistele toidu ja nõude soojalthoidmisseadmetele

Deals with the safety of electrically operated commercial hot cupboards not intended for household use. The rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral, and 480 V for other appliances. Hot cupboards with heated tops, heated display cases, heated crockery dispensers and heated shelves and tables are also within the scope of this standard. The appliances within the scope of this standard are typically used in restaurants, canteens, hospitals and similar commercial enterprises. The electrical part of appliances making use of other forms of energy is also within the scope of this standard

Keel en

EVS-EN 60598-2-18:2003/A1:2012

Hind 4,79

Identne EN 60598-2-18:1994/A1:2012

ja identne IEC 60598-2-18:1993/A1:2011

Luminaires - Part 2: Particular requirements - Section 18: Luminaires for swimming pools and similar applications

Specifies requirements for fixed luminaires intended for use in water, or in contact with water, for examples in swimming pools, fountains, paddling pools, and garden pools, and for use with tungsten filament lamps.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**CEN/TS 15186:2005**

Identne CEN/TS 15186:2005

Mööbel. Pinna kraapekindluse määramine

This Technical Specification specifies a method for the assessment of the surface resistance to penetrating and distinctive scratch marks and relates to rigid surfaces of all finished products regardless of materials.

Keel en

Asendatud EVS-EN 15186:2012

EVS-EN 30-1-2:2000

Identne EN 30-1-2:1999

Kodused gaaskuumutusega toiduvalmistusseadmed. Osa 1-2: Ohutus. Võimendatud konvektsiooniga ahjud ja/või grillid

This standard specifies the special constructional and operational characteristics, as well as the requirements and methods of test for safety and marking, for domestic cooking appliances having forced-convection ovens and/or grills using combustible gases, as defined in EN 30-1-3:1998.

Keel en

Asendatud EVS-EN 30-1-2:2012

EVS-EN 747-1:2008

Identne EN 747-1:2007

Mööbel. Narivoodid ja kõrged voodid koduseks kasutuseks. Osa 1: Ohutus-, tugevus- ja vastupidavusnõuded

This European Standard specifies requirements for the safety, strength and durability of bunk beds and high beds for domestic use. The loads and forces in the strength and durability tests apply to beds with a maximum bed base width of 120 cm.

Keel en

Asendab EVS-EN 747-1:2000

Asendatud EVS-EN 747-1:2012

EVS-EN 747-2:2008

Identne EN 747-2:2007

Mööbel. Narivoodid ja kõrged voodid koduseks kasutuseks. Osa 2: Katsemeetodid

This part of EN 747 specifies test methods for assessing the safety, strength and durability of bunk beds and high beds for domestic use. The loads and forces in the strength and durability tests apply for beds with a maximum bed base width of 120 cm. It is particularly intended to minimise the risk of accidents happening to children. Only the sleeping function is considered.

Keel en

Asendab EVS-EN 747-2:2000

Asendatud EVS-EN 747-2:2012

EVS-EN 1888:2003

Identne EN 1888:2003

Child care articles - Wheeled child conveyances - Safety requirements and test methods

This European Standard specifies the safety requirements and test methods for wheeled child conveyances designed for the carriage of one or more children. This European Standard does not cover toy pushchairs or perambulators and wheeled conveyances designed for children with special needs. Any relevant European Standards are applicable for any other functions of the product

Keel en

Asendatud EVS-EN 1888:2012

EVS-EN 1888:2003/A3:2005

Identne EN 1888:2003/A3:2005

Child care articles - Wheeled child conveyances - Safety requirements and test methods

This European Standard specifies the safety requirements and test methods for wheeled child conveyances designed for the carriage of one or more children. This European Standard does not cover toy pushchairs or perambulators and wheeled conveyances designed for children with special needs. Any relevant European Standards are applicable for any other functions of the product

Keel en

Asendatud EVS-EN 1888:2012

EVS-EN 1888:2003/A2:2005

Identne EN 1888:2003/A2:2005

Child care articles - Wheeled child conveyances - Safety requirements and test methods

This European Standard specifies the safety requirements and test methods for wheeled child conveyances designed for the carriage of one or more children. This European Standard does not cover toy pushchairs or perambulators and wheeled conveyances designed for children with special needs. Any relevant European Standards are applicable for any other functions of the product

Keel en

Asendatud EVS-EN 1888:2012

EVS-EN 1888:2003/A1:2005

Identne EN 1888:2003/A1:2005

Child care articles - Wheeled child conveyances - Safety requirements and test methods

This European Standard specifies the safety requirements and test methods for wheeled child conveyances designed for the carriage of one or more children. This European Standard does not cover toy pushchairs or perambulators and wheeled conveyances designed for children with special needs. Any relevant European Standards are applicable for any other functions of the product

Keel en

Asendatud EVS-EN 1888:2012

EVS-EN 13453-1:2004

Identne EN 13453-1:2004

Mööbel. Narivoodid ja kõrged voodid koduväliseks kasutuseks. Osa 1: Ohutus-, tugevus- ja vastupidavusnõuded

This part of prEN 13453 specifies safety, strength and durability requirements for bunk beds and high beds for non domestic use. The strength and durability requirements of this standard are intended to represent use of a bed by one person only. The dimensional requirements of EN 747-1:1993,4.4 apply unless a non-domestic bunk bed is to be used by adults only.

Keel en

Asendatud EVS-EN 747-1:2012

EVS-EN 13453-2:2004

Identne EN 13453-2:2004

Mööbel. Narivoodid ja kõrged voodid koduväliseks kasutuseks. Osa 2: Katsemeetodid

This part of EN 13453 specifies test methods that assess the safety, strength and durability of bunk beds and high beds for non domestic use. The corresponding safety requirements are given in EN 13453-1.[1]

Keel en

Asendatud EVS-EN 747-2:2012

EVS-EN 50090-2-3:2005

Identne EN 50090-2-3:2005

Home and Building Electronic Systems (HBES) Part 2-3: System overview - General functional safety requirements for products intended to be integrated in HBES

This European Standard sets the requirements for functional safety for HBES products and systems, a multi-application bus system where the functions are decentralised, distributed and linked through a common communication process. The requirements may also apply to the distributed functions of any equipment connected in a home or building control system if no specific functional safety standard exist for this equipment or system.

Keel en

Asendatud EVS-EN 50491-4-1:2012

EVS-EN 60335-2-25:2003

Identne EN 60335-2-25:2002

ja identne IEC 60335-2-25:2002

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele

Deals with the safety of microwave ovens for household use. The rated voltage is less than 250 V. It also deals with combination microwave ovens. For commercial microwave ovens, see IEC 60335-2-90

Keel en

Asendab EVS-EN 60335-2-25:2001

Asendatud EVS-EN 60335-2-25:2012

EVS-EN 60335-2-25:2003/A2:2006

Identne EN 60335-2-25:2002/A2:2006

ja identne IEC 60335-2-25:2002/A2:2006

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele

Deals with the safety of microwave ovens for household use. The rated voltage is less than 250 V. It also deals with combination microwave ovens. For commercial microwave ovens, see IEC 60335-2-90

Keel en

Asendatud EVS-EN 60335-2-25:2012

EVS-EN 60335-2-25:2003/A11:2010

Identne EN 60335-2-25:2002/A11:2010

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele

Deals with the safety of microwave ovens for household use. The rated voltage is less than 250 V. It also deals with combination microwave ovens. For commercial microwave ovens, see IEC 60335-2-90

Keel en

Asendatud EVS-EN 60335-2-25:2012

EVS-EN 60335-2-25:2003/A1:2005

Identne EN 60335-2-25:2002/A1:2005

ja identne IEC 60335-2-25:2002/A1:2005

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-25: Erinõuded mikrolaineahjudele

Deals with the safety of microwave ovens for household use. The rated voltage is less than 250 V. It also deals with combination microwave ovens. For commercial microwave ovens, see IEC 60335-2-90

Keel en

Asendatud EVS-EN 60335-2-25:2012

KAVANDITE ARVAMUSKÜSITLUS**EN 50242/60436:2008/FprAA**

Identne EN 50242:2008/FprAA:2012

ja identne IEC 60436:2004/A1:2009 + IEC 60436:2004/A2:2012

Tähtaeg 29.06.2012

Kodumajapidamises kasutatavad elektrilised nõudepesumasinad. Toimimisnäitajate mõõtemetodid

This international standard applies to electric dishwashers for household use that are supplied with hot and/or cold water. The object is to state and define the principal performance characteristics of electric dishwashers for household use and to describe the standard methods of measuring these characteristics. This standard is concerned neither with safety nor with performance requirements.

Keel en

EN 60704-1:2010/FprAA

Identne EN 60704-1:2010/FprAA

Tähtaeg 29.06.2012

Koduses ja sellega sarnanevas kasutuses elektriseadmed. Katse eeskiri õhu kaudu leviva müra määramiseks. Osa 1: Üldnõuded

This part of IEC 60704 applies to electric appliances (including their accessories or components) for household and similar use, supplied from mains or from batteries. By similar use is understood the use in similar conditions as in households, for example in inns, coffee-houses, tea-rooms, hotels, barber or hairdresser shops, laundrettes, etc., if not otherwise specified in part 2. This standard does not apply to - appliances, equipment or machines designed exclusively for industrial or professional purposes; - appliances which are integrated parts of a building or its installations, such as equipment for air conditioning, heating and ventilating (except household fans, cooker hoods and free standing heating appliances), oil burners for central heating, pumps for water supply and for sewage systems; - separate motors or generators; - appliances for outdoor use.

Keel en

FprEN 13200-6

Identne FprEN 13200-6:2012

Tähtaeg 29.06.2012

Spectator facilities - Part 6 : Demountable (temporary) stand

This European Standard specifies product characteristics for demountable (temporary) stands at permanent or temporary entertainment venues including sports stadiums, sport halls and indoor and outdoor facilities. Stands in fairground and amusement parks are excluded from this standard (see EN 13814). This European Standard is not applicable to stands of moveable type which last row of places for spectators is under 1 m. height from the ground.

Keel en

Asendab EVS-EN 13200-6:2006

FprEN 13321-2

Identne FprEN 13321-2:2012:2012

Tähtaeg 29.06.2012

Open Data Communication in Building Automation, Controls and Building Management - Home and Building Electronic Systems - Part 2: KNXnet/IP Communication

This specification defines the integration of KNX protocol implementations on top of Internet Protocol (IP) networks, called KNXnet/IP. It describes a standard protocol for KNX devices connected to an IP network, called KNXnet/IP devices. The IP network acts as a fast (compared to KNX transmission speed) backbone in KNX installations. - Widespread deployment of data networks using the Internet Protocol (IP) presents an opportunity to expand building control communication beyond the local KNX control bus providing: - Remote configuration; - Remote operation (including control and annunciation); - Fast interface from LAN to KNX and vice versa; - WAN connection between KNX systems (where an installed KNX system is at least one line). - A KNXnet/IP system contains at least these elements: - one EIB line with up to 64 (255) EIB devices; OR one KNX segment (KNX-TP1, KNX-TPO, KNX-RF, KNX-PL110, KNX-PL132); - a KNX-to-IP network connection device (called KNXnet/IP server); and typically additional - software for remote functions residing on e.g. a workstation (may be data base application, BACnet Building Management System, browser, ...).

Keel en

Asendab EVS-EN 13321-2:2006

prEN 71-3

Identne prEN 71-3 rev:2012

Tähtaeg 29.06.2012

Mänguasjade ohutus. Osa 3: Teatud elementide migratsioon

This European Standard specifies requirements and test methods for the migration of aluminium, antimony, arsenic, barium, boron, cadmium, chromium (III), chromium (VI), cobalt, copper, lead, manganese, mercury, nickel, selenium, strontium, tin, organic tin compounds and zinc from toy materials and from parts of toys. Packaging materials are not considered to be part of the toy unless they have intended play value. NOTE 1 See guidance document of the European Commission guidance document no. 12 [2] on the application of the directive on the safety of toys – packaging The standard contains requirements for the migration of certain elements from the following categories of toy materials: - Category I : Dry, brittle, powder like or pliable materials; - Category II : Liquid or sticky materials; - Category III : Scraped-off materials. Toys and parts of toys which, due to their accessibility, function, mass, size, or other characteristics, clearly exclude any hazard due to sucking, licking or swallowing or prolonged skin contact, bearing in mind the normal or foreseeable behaviour of children, are not required to be subjected to the requirements of this standard. NOTE 2 For the purposes of this standard, the following criteria are considered appropriate to determine the likelihood of sucking, licking or swallowing toys and their parts and of prolonged skin contact: - All toys intended to be put in the mouth or to the mouth, cosmetics toys and writing instruments categorised as toys may be sucked, licked or swallowed; - All the accessible parts and components of toys intended for children up to 6 years of age may come into contact with the mouth. The likelihood of mouth contact with parts of toys intended for older children is not considered significant in most cases; - In principal, for all toys and accessible parts of toys a prolonged skin contact should be expected (see G.1).

Keel en

Asendab EVS-EN 71-3:1999+A1:2000

prEN 71-12

Identne prEN 71-12:2012

Tähtaeg 29.06.2012

Safety of toys - Part 12: N-nitrosamines and N-nitrosatable substances

This European Standard specifies the requirements and test methods for determining N-nitrosamines and N-nitrosatable substances restricted in toys intended for use by children under 36 months or in other toys and parts of toys intended to be placed in the mouth. This document describes the analytical methods to be used for the following types of toys: - migration of N-nitrosamines and N-nitrosatable substances from elastomeric toys and parts of toys. - N-nitrosamines and N-nitrosatable substances content in finger paints. EXAMPLES Examples of toys made from elastomeric materials are balloons and teethers.

Keel en

prEN 71-13

Identne prEN 71-13:2012

Tähtaeg 29.06.2012

Safety of toys - Part 13: Olfactory board games, gustative board games, cosmetic kits and gustative kits

This European Standard specifies requirements for olfactory board games, gustative board games, cosmetic kits and gustative kits. This European Standard does not apply to cosmetic toys such as play cosmetics for dolls.

Keel en

prEN 203-1

Identne prEN 203-1 rev:2012

Tähtaeg 29.06.2012

Gaaskuumutusega toitlustusettevõtteseadmed. Osa 1: Üldised ohutusnõuded

This document specifies the general requirements and the constructional and operating characteristics relating to safety¹⁾, marking, and the associated test methods for gas heated commercial catering and bakery appliances. The specific requirements are given in Part 2.

Requirements on materials and parts in contact with food and other sanitary aspects are given in Part 3. Only appliances of types A1, A2, A3, B1 and B2, as defined in Clause 4, are considered in this document. This document applies to all professional cooking and bakery appliances using gas for preparing food and drink. This document covers type tests only, and only the net calorific value (Hi) and net Wobbe number (Wi) are used. Annex C, informative, lists the main types of equipment entering into the field of application of this document.

Keel en

Asendab EVS-EN 203-1:2005+A1:2008

prEN 203-2-7

Identne prEN 203-2-7 rev:2012

Tähtaeg 29.06.2012

Gaaskuumutusega toitlustusettevõtteseadmed. Osa 2-7: Erinõuded. Küpsetusplaadid ja pöörleva praevardaga grillid

This European Standard specifies requirements for the construction and operating characteristics relating to the safety, rational use of energy and marking, of salamanders and rotisseries. It also states test methods to check those characteristics.

Keel en

Asendab EVS-EN 203-2-7:2007

STANDARDITE TÕLKED KOMMENTEERIMISEL

Selles jaotises avaldame teavet eesti keelde tõlgitavate Euroopa või rahvusvaheliste standardite kohta ja inglise keelde tõlgitavate algupärase 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 01.06.2012

EVS-EN 1011-3:2001+A1:2003

Keevitamine. Soovitused metallmaterjalide keevitamiseks. Osa 3: Roostevabade teraste kaarkeevitus

Standard annab üldised soovitused roostevaba terase keevitamiseks. Spetsiifilised üksikasjad vastavalt austeniitsete, austeniit-ferritsete, ferritsete ja martensiitsete roostevabade teraste osas on toodud lisades A kuni D.

Identne: EN 1011-3:2000

EVS-EN 12595:2007

Bituumen ja bituumensideained.

Kinemaatilise viskoossuse määramine

Euroopa standard esitab bituumensideainete kinemaatilise viskoossuse määramise meetodi temperatuuridel 60 °C ja 135 °C, vahemikus 6 mm²/s kuni 300 000 mm²/s. Bituumenemulsioonid ei ole kaetud selle meetodi käsitlusalas.

Identne: EN 12595:2007

EVS-EN 12596:2007

Bituumen ja bituumensideained.

Dünaamilise viskoossuse määramine vaakumkapillaaris

See Euroopa standard käsitleb meetodit määramaks bituumensideainete dünaamilist viskoossust 60 °C juures kasutades vaakumkapillaariga viskosimeetrit vahemikus 0,0036 Pa·s kuni üle 580000 Pa·s. Bituumenemulsioonid ei ole kaetud selle meetodi käsitlusalas.

Identne: EN 12596:2007

EVS-EN 14081-3:2012

Puitkonstruktsioonid. Nelinurkse ristlõikega tugevussorditud ehituspuit. Osa 3:

Masinsortimine. Täiendavad nõuded tootmisohjele ettevõttes

Euroopa standard määrab kindlaks, lisaks standardis EN 14081-1 antule, ettevõtte tootmisohje nõuded saagimisel, hõõveldamisel või muul meetodil töödeldud nelinurkse ristlõikega masinsorditud ehituspuidule, mille mõõtmete hälbed sihtmõõtmetest vastavad standardile EN 336.

Identne: EN 14081-3:2012

EVS-EN 14350-1:2004

Lastele kasutamiseks ja laste hooldamiseks mõeldud tooted. Jooginõud ja -abivahendid.

Üldised- ja mehhaanilised nõuded ja katsed
Dokumendi see osa määratleb üldised ja mehhaanilised nõuded järgnevate toodete tootmisel kasutatavatele materjalidele:

- Korduvalt kasutatavad toitmislutid ja joomistarvikud;
- Korduvalt kasutatavad lutipudelid ja joogitassid;
- Ühekordseks kasutamiseks mõeldud lutipudelid, toitmislutid, toitmiskotikesed ja joomistarvikud, mis ostmise momendil ei sisalda vedelikku.

Standard sisaldab ka kindlaksmääratud mehhaanilise ohutuse nõuete jaoks katsemeetodeid. See osa ei ole kohaldatav meditsiiniliseks kasutamiseks mõeldud või meditsiinilise järevalve all kasutatavatele joomisvahenditele. Dokument ei ole

rakendatav rõngasluttidele. Ohutusnõuded ja katsemeetodid rõngasluttidele on määratletud standardites EN 1400-1, EN 1400-2 ja EN 1400-3.

Identne: EN 14350-1:2004

EVS-EN 312:2010

Puitlaastplaadid. Spetsifikaadid

See Euroopa standard määrab kindlaks nõuded standardis EN 309 määratletud lamepressitud või valtspressitud pealistamata puitlaastplaatidele.

Identne: EN 312:2010

EVS-EN 325:2012

Puitplaadid. Katsekehade mõõtmete määramine

See standard sätestab meetodi puitplaatide katsekehade paksuse, pikkuse ja laiuse määramiseks.

Identne: EN 325:2012

EVS-EN 490:2011

Betoonist rea- ja erikatusekivid katuste katmiseks ja seinte vooderdamiseks.

Tootespetsifikatsioon

See Euroopa standard spetsifitseerib nõuded betoonist rea- ja erikatusekividele, mida kasutatakse kaldkatuste katmiseks ja seinte vooderdamiseks. Betoonist rea- ja erikatusekivid võivad sisaldada kattedkihti ja liimitud betoonkomponente.

MÄRKUS 1 Teave pinnakarakteristikute kohta on antud lisas A.

MÄRKUS 2 Teave katusekatete ja seinavoodrite toimivuse kohta on antud lisas B

Identne: EN 490:2011

EVS-EN 60359:2003

Elektrilised ja elektroonilised mõõteseadmed. Talituskarakteristikud

Seda rahvusvahelist standardit saab rakendada järgnevate, esmajoones tööstusotstarbeliste elektriliste ja elektrooniliste mõõteseadmete omaduste iseloomustamiseks: elektriliste suuruste mõõtmiseks ettenähtud näitavad ja salvestavad mõõtevahendid; elektrilisi suurusi hoidvad materiaalmõõdud; mitteelektrilisi suurusi mõõtvad mõõtevahendid, mis kasutavad kõigis mõõteahelates elektrilist põhimõtet ja esitavad väljundis elektrisignaali. Standard kehtib tööstusolude püsitingimustel (vt 3.1.15) kasutatavate mõõteriistade omaduste iseloomustamisel. Standard põhineb mõõtetulemuse määramatuse arvutamise ja

kirjeldamise GUM-is selgitatud meetoditel ning viitab GUM statistilistele protseduuridele, mida kasutatakse etteantud määramatust iseloomustavate intervallide määramiseks (kaasaarvatud mittevähetahtsate määramatuste arvestamise viise jälgitavusahelas). Antud standard ei ole suunatud määramatuse muuks kasutamiseks peale määratletud omadustega mõõteriistade (või mõõteseadmete), mis on läbinud vastavushindamise katsetused. Standardi eesmärgiks on kindlustada antud käsitlusala seadmete ühetaoline tehniliste nõuete ja määramatuse määramise meetod. Kõik teised antud standardi käsitlusalasse kuuluvate eri tüüpi seadmete vajalikud nõuded on esitatud vastavates IEC tootestandardites. Näiteks: metrooloogiliste karakteristikute ja nende ulatuste ning mõjurite ja nendele kehtestatud tööpiirkondade valikud.

Identne: IEC 60359:2001, EN 60359:2002

EVS-EN 71-2:2011

Mänguasjade ohutus. Osa 2: Süttivus

Standardi see osa määrab kindlaks põlevmaterjalide kategooriad, mis on keelatud kõigis mänguasjades ja nõuded, mis puudutavad teatud mänguasjade süttivust, kui nad on allutatud väikese süüteallika toimele. Jaotises 5 kirjeldatud katsemeetodeid kasutatakse mänguasjade süttivuse määramiseks kindlaks määratud katsetingimustes. Saadud katsetulemusi ei saa käsitleda kui andmeid, mis annaksid üldise ülevaate mänguasjade või materjalide potentsiaalsest tuleohtlikkusest, kui neile rakendatakse teistsuguseid süttimisallikaid. Standard sisaldab kõigi mänguasjade kohta kehtivaid üldisi nõudeid ning spetsiifilisi nõudeid ja katsemeetodeid järgmiste mänguasjade kohta, milliseid vaadeldakse suurimat ohtu kujutavatena: - peas kantavad mänguasjad: habemed, vuntsid, parukad jmt, millised valmistatakse juustest, karvadest või muust sarnaste omadustega materjalist; maskid; kapuutsid, peakatted jmt; lendlevad mänguasjade elemendid, mida kantakse peas, kuid mitte paberist üllatusefektid, mis tavaliselt kaasnevad peo paugukonfettidega; - maskeerimiskostüümid ning mängimisel selga panemiseks mõeldud mänguasjad; - lapsele sisenemiseks mõeldud mänguasjad; - pehmed täidetud mänguasjad.

MÄRKUS Täiendavad nõuded elektriliste mänguasjade süttivusele on määratud standardis EN 62115.

Identne: EN 71-2:2011

EVS-EN 71-8:2011

Mänguasjade ohutus. Osa 8:

Tegevusmänguasjad koduseks kasutamiseks

Standard määrab nõuded ja katsemeetodid aktiivse tegevuse mänguasjadele koduseks kasutamiseks, ning millele on tihti liidetud või mis sisaldavad konstruktsioonis risttala, samuti nendega sarnastele mänguasjadele, mis on mõeldud lastele kuni 14. eluaastani nende peal või sees mängimiseks ning mis sageli peavad kandma ühe või enama lapse raskust. See EN 71 osa määrab ka nõuded: - eraldi neile müüdüd tarvikutele ning aktiivse tegevuse mänguasja komponentidele; - eraldi müüdüd kiige komponentidele, mis on valmis kasutamiseks või on kombinatsioonis aktiivse tegevuse mänguasjaga; - ehituskomplektidele aktiivse tegevuse mänguasjana, k.a vastavalt kokkupanekujuhendiga kokkupanekuks ettenähtud aktiivse tegevuse mänguasja komponendid.

Käsitlusalast jäävad välja:

- mänguväljakute seadmed avalikuks kasutamiseks vastavalt standardile EN 1176;
- vibuna paigaldatud kiiged nagu kiikhobused ja sarnased tooted, mis on kaetud erinõuetega vastavalt standardile EN 71-1;
- mängubasseinid maksimaalse vee-sügavusega üle 400 mm, mõõdetuna sügavaima punkti ja ülevooluava vahel;
- mängutrampliinid.

Identne: EN 71-8:2011

EVS-EN 80000-13:2008

Suurused ja ühikud. Osa 13: Infoteadus ja –tehnika

Standardis IEC 80000-13 on esitatud infoteaduses ja -tehnikas kasutatavate suuruste ja ühikute nimed, tähised ja määratlused. Kus vaja, on esitatud ka ümberarvutustegurid.

Identne: IEC 80000-13:2008; EN 80000-13:2008

EVS-EN 933-1:2012

Täitematerjalide geomeetriliste omaduste katsetamine. Osa 1: Terastikulise koostise määramine. Sõelumismeetod

See Euroopa standard kirjeldab pesemise ja kuivatamise etalonmeetodit, mida kasutatakse täitematerjali terastikulise koostise määramiseks tüübikatsetel ja erimeelsuste korral. Teistel eesmärkidel, näiteks tehase

tootmisohjel, võib kasutada teisi meetodeid, eeldusel, et rahuldav seos etalonmeetodiga on tõestatud. See meetod rakendub kõigile täitematerjalidele, kaasa arvatud kergtäitematerjalid kuni suurima nimimõõduni 90 mm, filler välja arvatud.

MÄRKUS 1 Fillerite terastikulise koostise määramine on spetsifitseeritud standardis EN 933-10 Assessment of fines — Grading of filler aggregates (air jet sieving).

MÄRKUS 2 Pesemiseta kuivsõelumist võib kasutada nende täitematerjalide puhul, mis ei sisalda agregeerumist põhjustavaid osiseid.

Identne: EN 933-1:2012

EVS-EN 933-3:2012

Täitematerjalide geomeetriliste omaduste katsetamine. Osa 3: Tera kuju määramine. Plaatsustegur

Euroopa standard kirjeldab täitematerjali plaatsusteguri määramise põhimeetodit tüübikatsete ja lahkarvamuste puhul. Muudel juhtudel, näiteks tehase tootmisohjes, võib kasutada muid meetodeid juhul, kui eelnevalt on kindlaks määratud kasutatava meetodi suhestumine põhimeetodiga. See Euroopa standard rakendub looduslikele, tööstuslikult toodetud või taaskasutatavatele täitematerjalidele. Selles standardi osas kirjeldatud katsemetoodika ei ole rakendatav teradele mõõduga alla 4 mm ja üle 100 mm.

Identne: EN 933-3:2012

EVS-HD 60364-4-442:2012

Madalpingelised elektripaigaldised. Osa 4-442: Kaitseviisid. Madalpingepaigaldiste kaitse kõrgepingevõrkude maaühenduste tagajärjel ja madalpingevõrkude rikete tagajärjel tekkivate ajutiste liigpingete eest

See jaotis sätestab madalpingepaigaldise ohutusnõuded – rikke korral kõrgepingevõrgu ja madalpingepaigaldist toitva trafoalajaama maanduse vahel, – madalpingelise toitevõrgu neutraaljuhi katkemisel, – lühise korral liini- ja neutraaljuhi vahel, – madalpingelise IT-süsteemi liinijuhi juhusliku maaühenduse korral.

Identne: IEC 60364-4-44:2007; HD 60364-4-442:2012

prEVS-ISO/IEC 25000

Tarkvaratehnika. Tarkvaratoote kvaliteedinõuded ja kvaliteedi hindamine (SQuaRE). Sarja SQuaRE teejuht

See standard annab juhiseid tarkvaratoote kvaliteedinõuete ja kvaliteedi hindamise uue standardisarja (SQuaRE) kasutamiseks. Selle teejuhi eesmärk on anda üldine ülevaade sarja SQuaRE sisust, ühistest etalonmudelitest ja määratlustest ning ka seostest dokumentide vahel, võimaldades kasutajail vastavalt nende kasutuseesmärkidele saada head ettekujutust sellest standardisarjast. Selles dokumendis seletatakse ülemineku protsessi vanadelt

sarjadelt ISO/IEC 9126 ja 14598 sarjale SQuaRE ning antakse ka teavet selle kohta, kuidas kasutada sarju ISO/IEC 9126 ja 14598 nende senisel kujul.

Standardisari SQuaRE on mõeldud, kuid mitte ainult, tarkvaratoodete väljatöötajaile, hankijaile ja sõltumatuile hindajaile, eriti neile, kes vastutavad tarkvara kvaliteedinõuete spetsifitseerimise ja tarkvaratoodete hindamise eest. Sarja SQuaRE ning ka standardisarjade ISO/IEC 14598 ja 9126 kasutajail on soovitatav kasutada ka käesolevat standardit juhisenähtena oma ülesannete täitmisel.

Identne: ISO/IEC 25000:2005

ETTEPANEK EESTI STANDARDI TÜHISTAMISEKS

Käesolevas rubriigis avaldame teavet Euroopa standardimisorganisatsioonides algatatud 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 **31.05.2012**.

EVS-EN ISO 12737:2010

Metallic materials - Determination of plane-strain fracture toughness (ISO 12737:2010)

This International Standard specifies the ISO method for determining the plane-strain fracture toughness of homogeneous metallic materials using a specimen that is notched and precracked by fatigue, and subjected to slowly increasing crack displacement force.

Identne: ISO 12737:2010, EN ISO 12737:2010

Keel: en

APRILLIKUUS KOOSTATUD EESTIKEELSE STANDARDI PARANDUSED

Selles rubriigis avaldame teavet eestikeelsete Eesti standardite paranduste koostamise kohta. Standardi parandus koostatakse toimetuskäsu laadi vigade (trükivead 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-EN 60601-1:2006+A11:2011/AC:2012

Elektrilised meditsiiniseadmed. Osa 1: Üldised nõuded esmasele ohutusele ja olulistele toimimisinäitajatele

Parandus on konsolideeritud standardisse EVS-EN 60601-1:2006+A11:2011

EVS-EN 54-1:2011/AC:2012

Automaatne tulekahjusignalisatsioonisüsteem. Osa 1: Sissejuhatus

Parandus on konsolideeritud standardisse EVS-EN 54-1:2011

APRILLIKUUS KINNITATUD JA MAIKUUS MÜÜGILE SAABUNUD EESTIKEELSE STANDARDID

EVS-EN 15221-6:2011

Kinnisvarakeskkonna juhtimine. Osa 6:

Pinna ja kubatuuri mõõtmine

kinnisvarakeskkonna juhtimisel 17,08

Eesti standard on Euroopa standardi EN 15221-6:2011 ingliskeelse teksti sisu poolest identne tõlge eesti keelde.

See Euroopa standard loob kinnisvarakeskkonna juhtimises ühtse aluse plaanijatele ja projekteerijatele, pinna ja kubatuuri korraldusele, maksumushinnangutele, aga on ka võrdlusuuringute abivahend.

See standard sätestab pinna ja kubatuuri mõõtmise nii olemas- kui ka plaanisel või arendamisel olevates omandi- või üürimajades. Standard esitab raamistiku pindade mõõtmiseks hoone sees ja sellest väljas. Lisaks on esitatud selged mõisted ja määratlused ning meetodid horisontaalsete pindade ja kubatuuri mõõtmiseks hoonetes ja/või selle osades, sõltumata nende funktsioonist.

EVS-EN 1090-1:2009+A1:2011

Teras- ja alumiiniumkonstruktsioonide valmistamine. Osa 1: Kandeelementide vastavushindamine 16,10

Eesti standard on Euroopa standardi EN 1090-1:2009+A1:2011 ingliskeelse teksti sisu poolest identne tõlge eesti keelde.

Standard spetsifitseerib ehitustoodetena kasutatavate terasest ja alumiiniumist kandeelementide ja montaaži-komplektide vastavustõendamise nõuded. Vastavustõendamine hõlmab valmistuskarakteristikuid ja kui see on vajalik, siis ka kande- võimekarakteristikuid.

See standard hõlmab ka terasest ja betoonist komposiitkonstruktsioonide teraselementide vastavustõendamise nõudeid. Elemente võib kasutada vahetult kandekonstruktsioonis või montaažikomplektides.

Standard rakendub nii seeriaviisiliselt kui ka üksikult valmistatavatele kandeelementidele, kaasa arvatud montaažikomplektidele.

Elementid võivad olla valmistatud kuumvaltsitud, külmvormitud või muu tehnoloogiaga valmistatud koostis-toodetest. Elementid võivad olla valmistatud erikujulise profiiliga terasest või alumiiniumist lehttoodetest (leht-, ribaterasest ja plekist), varrastest, valanditest, sepistest, kas korrosiooni eest kaitsmata või pindamise või mõne muu pinnatöötusega kaitstud, näiteks alumiiniumi anodeerimisega.

See standard hõlmab ka standarditele EN 1993-1-3 ja EN 1999-1-4 vastavaid külmvormitud kandeelemente ja profiilplekki. See standard ei käsitle ripplagede elementide, raudteesüsteemide rööbaste ja liiprite vastavustõendamist.

MÄRKUS Teatud teras- ja alumiinium-elementide toimivuskarakteristikute ja teiste nõuete kohta on välja töötatud erispetsifikatsioonid. Need võivad olla avaldatud Euroopa standarditena või Euroopa standardite jaotistena. Näide on toodud standardis EN 13084-7 ühekordse seinaga teraskorstnate ja terasvoodrite kohta. Need spetsifikatsioonid on selle standardi suhtes prioriteetsed.

EVS-EN ISO 13485:2012

Meditiiniseadmed.

Kvaliteedijuhtimissüsteem. Normatiivsed nõuded 22,15

Eesti standard on Euroopa standardi EN ISO 13485:2012 ingliskeelse teksti sisu poolest identne tõlge eesti keelde.

See rahvusvaheline standard täpsustab kvaliteedijuhtimissüsteemi nõudeid, kus organisatsioon peab näitama oma suutlikkust pakkuda meditsiiniseadmeid ja seotud teenuseid, mis vastavad järjekindlalt kliendi nõuetele ja normatiivsetele nõuetele, mida

rakendatakse meditsiiniseadmetele ja seotud teenustele.

Selle rahvusvahelise standardi esmane eesmärk on lihtsustada meditsiiniseadmete kvaliteedijuhtimissüsteemide ühtlustatud normatiivseid nõudeid. Selle tulemusena sisaldab see mõnda konkreetset meditsiiniseadmete kohta käivat normatiivset nõuet ja jätab välja mõned

normatiivseteks nõueteks mittesobivad standardi ISO 9001:2000 nõuded. Nende väljajätmiste tõttu ei saa organisatsioonid, kelle kvaliteedijuhtimissüsteem on vastavuses selle rahvusvahelise standardiga, taotleda vastavust standardile ISO 9001:2000, kuni nende kvaliteedijuhtimissüsteem on vastavuses kõigi standardi ISO 9001:2000 nõuetega (vt lisa B).

EVS klienditeenindus

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