

# **EVS** TEATAJA

Ilmub üks kord kuus alates 1993. aastast

11/2007

Harmoneeritud standardid



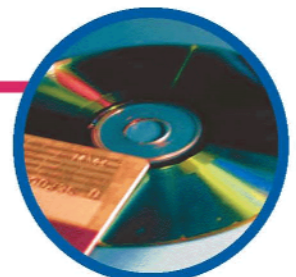
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## **Kvaliteedijuhtimissüsteemide uuendatud sõnavara standardis EVS-EN ISO 9000:2007**

Ilmunud on uuendatud kvaliteedijuhtimissüsteemide terminoloogia eestikeelne standard. Käesolev rahvusvaheline standard kirjeldab ISO 9000 sarja ainekku moodustavate kvaliteedijuhtimissüsteemide aluseid ning määratleb sellega seotud terminid. Standardi ülevaatamise eesmärk oli terminoloogia kaasajastamine ning selle loogilisemaks, arusaadavamaks ja väljakujunenud praktikale vastavaks muutmine.

Täiendatud standardikavandi koostas TTÜ teadur Tiia Tammaru. Standardi kavandi on heaks kiitnud juhtimissüsteemide tehniline komitee EVS/TK 33. Standardikavandi kohta esitasid arvamusi: Det Norske Veritas Eesti OÜ, TÜV Eesti OÜ, Tallinna Tehnikaülikool, Majandus- ja Kommunikatsiooniministeerium, Tehnilise Järelevalve Inspeksioon, AS Metrosert, TJO Konsultatsioonid. Saadud arvamuste põhjal koostati kavandi lõppredaktsioon.

Esimesed muudatused, küll ainult sõnastuses, on tehtud kvaliteedijuhtimise printsiipide defineerimiste osas, näitena võib siinkohal tuua termini „faktidel põhinev otsustamisviis” uussõnastuse „faktipõhine lähenemine otsustamisele”. Uute terminitega võib kohata järgmisi mõisteid: nõue, kompetentsus, leping, korrektsioon, auditiplaan, auditi käsitusala.

Suuremad muudatused eestikeelses standardis on läbi viiud mõõteprotsesside kvaliteedijuhtimisega seonduvate terminitega, mis on kooskõlastatud Eesti metroloogia tippspetsialistide kasutatavate terminitega.

Ülalnimetatud muudatused on sisse viidud ka standardi mõistediagrammidesse, millel on graafiliselt esitatud kvaliteedijuhtimissüsteemide spetsiifiliste valdkondade terminite vahelised seosed.

Eesti standard EVS- EN ISO 9000:2007 „Kvaliteedijuhtimissüsteemid. Alused ja sõnavara” sisaldab Euroopa standardiks EN ISO 9000:2005 ülevõetud rahvusvahelise standardi ISO 9000:2005 „Quality management systems - Fundamentals and vocabulary” ingliskeelset teksti ja paralleelselt eestikeelset teksti.

Standard on kättesaadav Eesti Standardikeskusest. Täiendava informatsiooni saamiseks palume Teil pöörduda EVS klienditeeninduse poole telefonil 6055065 või aadressil [standard@evs.ee](mailto:standard@evs.ee) või külastada meie ostukorvi.

## HARMONEERITUKS TUNNISTATUD STANDARDID

*Tehnilise normi ja standardi seaduse* kohaselt avaldab Eesti Standardikeskus oma veebilehel ja väljaandes teavet harmoneeritud standarditest. Harmoneeritud (ühtlustatud) standardid on EL Uue lähenemisviisi direktiividega liituvad standardid. Harmoneeritud standarditeks loetakse need standardid, millele on viidatud EL ametlikus väljaandes *Official Journal*. Harmoneeritud standardite kasutamine on kõige lihtsam viis tõendada direktiivide oluliste nõuete täitmist. Lisainfo:

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

<http://ec.europa.eu/enterprise/newapproach/standardization/harmstds>

EVS Teatajas ja EVS kodulehel saab tutvuda Uue lähenemisviisi direktiivide all harmoneeritud standarditega. Ühtlasi avaldame ka, millised neist standarditest on üle võetud Eesti standarditeks. Seekord on avaldatud **raadioseadmete, mänguasjade ja liftide** standardid (avaldatud septembri ja oktoobri 2007 Euroopa Ühenduste Teataja C-seerias).

Kõik avaldatud standardid on üle võetud Eesti standarditeks.

### NÕUKOGU DIREKTIIV 1999/5/EÜ Raadioseadmed ja telekommunikatsioonivõrgu lõppseadmed (2007/C 225/02) 25.09.2007

Viide ühtlustatud standardile ja standardi pealkiri (ja viitedokument)	Viide asendatavale standardile	Asendatud standardi vastavuseelduse lõppkuupäev <b>Märkus 1</b>	<b>Direktiivi 1999/5/EÜ artikkel</b>
EN 60065:2002/A1:2006 Audio-, video- jms elektriseadmed. Ohutusnõuded / <i>Audio, video and similar electronic apparatus – Safety requirements</i>	Märkus 3	1.12.2008	Artikli 3 lõike 1 punkt a (ja direktiivi 2006/95/EÜ artikkel 2)
EN 60825-2:2004/A1:2007 Lasertoodete ohutus. Osa 2: Kiudoptiliste sidesüsteemide ohutus / <i>Safety of laser products -- Part 2: Safety of optical fibre communication systems (OFCS)</i>	Märkus 3	1.2.2010	Artikli 3 lõike 1 punkt a (ja direktiivi 2006/95/EÜ artikkel 2)
EN 60852-4:2006 Lasertoodete ohutus. Osa 4: Laservalveseadmed / <i>Safety of laser products - Part 4: Laser guards</i>	EN 60825-4:1997 ja selle muudatused Märkus 2.1	1.10.2009	Artikli 3 lõike 1 punkt a (ja direktiivi 2006/95/EÜ artikkel 2)
EN 60950-1:2006 Infotehnikaseadmed. Ohutus. Osa 1: Üldnõuded / <i>Information technology equipment - Safety - Part 1: General requirements</i>	EN 60950-1:2001 ja selle muudatus Märkus 2.1	1.12.2010	Artikli 3 lõike 1 punkt a (ja direktiivi 2006/95/EÜ artikkel 2)
EN 60950-22:2006 Infotehnikaseadmed. Ohutus. Osa 22: Välispaigaldusseadmed / <i>Information technology equipment - Safety Part 22: Equipment installed outdoors</i>	Puudub	-	Artikli 3 lõike 1 punkt a (ja direktiivi 2006/95/EÜ artikkel 2)

EN 60950-23:2006 Infotehnikaseadmed. Ohutus. Osa 23: Suured andmesalvestusseadmed / <i>Information technology equipment - Safety Part 23: Large data storage equipment</i>	Puudub	-	Artikli 3 lõike 1 punkt a (ja direktiivi 2006/95/EÜ artikkel 2)
EN 61000-3-2:2006 Elektromagnetiline ühilduvus. Osa 3-2: Piirväärtused. Vooluharmonooniliste emissiooni piirväärtused (seadme sisendvoolu korral kuni 16A faasi kohta) / <i>Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current up to and including 16 A per phase)</i>	EN 61000-3-2:2000 ja selle muudatus Märkus 2.1	1.2.2009	Artikli 3 lõike 1 punkt b
EN 61000-6-1:2007 Elektromagnetiline ühilduvus. Osa 6-1: Erialased põhistandardid. Häiringukindlus olme-, kaubandus- ja väiketööstuskeskkondades / <i>Electromagnetic compatibility (EMC) Part 6-1: Generic standards - Immunity for residential, commercial and light-industrial environments</i>	EN 61000-6-1:2001 Märkus 2.1	1.12.2009	Artikli 3 lõike 1 punkt b
EN 61000-6-3:2007 Elektromagnetiline ühilduvus. Osa 6-3: Erialased põhistandardid. Olme-, kaubandus- ja väiketööstuskeskkondade emissioonistandard / <i>Electromagnetic compatibility (EMC) -- Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments</i>	EN 61000-6-3:2001 ja selle muudatus Märkus 2.1	1.12.2009	Artikli 3 lõike 1 punkt b
EN 61000-6-4:2007 Elektromagnetiline ühilduvus. Osa 6-4: Erialased põhistandardid. Tööstuskeskkondade emissioonistandard / <i>Electromagnetic compatibility (EMC) -- Part 6-4: Generic standards - Emission standard for industrial environments</i>	EN 61000-6-4:2001 Märkus 2.1	1.12.2009	Artikli 3 lõike 1 punkt b
EN 300 113-2 V1.4.1 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 3.2 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 essential requirements of article 3.2 of the R&amp;TTE Directive</i>	EN 300 113-2 V1.3.1	31.3.2009	Artikli 3 lõige 2

<p>EN 300 162-2 V1.2.1  Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); VHF raadiosagedusalas töötavad liikuva mereside raadiotelefoni saatjad ja vastuvõtjad; Osa 2: Harmoneeritud EN R&amp;TTE direktiivi artikli 3.2 põhinõuete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Radiotelephone transmitters and receivers for the maritime mobile service operating in VHF bands; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&amp;TTE Directive</i></p>	<p>EN 300 162-2 V1.1.2</p>	<p>31.8.2008</p>	<p>Artikli 3 lõige 2</p>
<p>EN 300 162-3 V1.2.1  Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); VHF raadiosagedusalas töötavad liikuva mereside raadiotelefoni saatjad ja vastuvõtjad; Osa 3: Harmoneeritud EN R&amp;TTE direktiivi artikli 3.3(e) põhinõuete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Radiotelephone transmitters and receivers for the maritime mobile service operating in VHF bands; Part 3: Harmonized EN covering essential requirements of article 3.3 (e) of the R&amp;TTE Directive</i></p>	<p>EN 300 162-3 V1.1.1</p>	<p>31.8.2008</p>	<p>Artikli 3 lõige 3</p>
<p>EN 300 220-2 V2.1.2  Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&amp;TTE Directive / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&amp;TTE Directive</i></p>	<p>EN 300 220-2 V2.1.1</p>	<p>31.3.2009</p>	<p>Artikli 3 lõige 2</p>
<p>EN 301 025-2 V1.3.1  Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Üldise sidepidamise VHF raadiotelefoniseadmed ja klassi D digitaalselektiivväljakutse (DSC) lisaseadmed; Osa 2: Harmoneeritud EN R&amp;TTE direktiivi artikli 3.2 alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); VHF radiotelephone equipment for general communications and associated equipment for Class "D" Digital Selective Calling (DSC); Part 2: Harmonized EN under article 3.2 of the R&amp;TTE Directive</i></p>	<p>EN 301 025-2 V1.2.1</p>	<p>31.10.2008</p>	<p>Artikli 3 lõige 2</p>

<p>EN 301 025-3 V1.3.1  Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Üldise sidepidamise VHF raadiotelefoniseadmed ja klassi D digitaalselektiivväljakutse (DSC) lisaseadmed; Osa 3: Harmoneeritud EN R&amp;TTE direktiivi artikli 3.3e alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); VHF radiotelephone equipment for general communications and associated equipment for Class "D" Digital Selective Calling (DSC); Part 3: Harmonized EN under article 3.3 (e) of the R&amp;TTE Directive</i></p>	<p>EN 301 025-3 V1.2.1</p>	<p>31.10.2008</p>	<p>Artikli 3 lõige 3</p>
<p>EN 301 091-2 V1.3.2  Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lähitoimeseadmed (SRD); Maanteetranspordi ja liikluse telemaatika; Raadiosagedusvahemikus 76 GHz kuni 77 GHz töötavad radarseadmed; Osa 2: Harmoneeritud EN R&amp;TTE direktiivi artikli 3.2 alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Radar equipment operating in the 76 GHz to 77 GHz range; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&amp;TTE Directive</i></p>	<p>EN 301 091-2 V1.2.1</p>	<p>30.6.2008</p>	<p>Artikli 3 lõige 2</p>
<p>EN 301 178-2 V1.2.2  Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Ülikõrgsagedusalas (VHF) töötavad teisaldatavad liikuva mereside raadiotelefoniseadmed (mitte GMDSS rakenduste jaoks); Osa 2: Harmoneeritud EN R&amp;TTE direktiivi artikli 3.2 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 (for non-GMDSS applications only); Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&amp;TTE Directive</i></p>	<p>EN 301 178-2 V1.1.1</p>	<p>31.10.2008</p>	<p>Artikli 3 lõige 2</p>

<p>EN 301 459 V1.4.1 Kosmoseside maajaamad ja süsteemid (SES); Saatesagedusega 29,5 kuni 30,0 GHz geostatsionaarorbiidi satelliitide satelliitside interaktiivsete terminalide (SIT) ja satelliitside kasutajaterminalide (SUT) põhinõuded, harmoneeritud EN R&amp;TTE direktiivi artikli 3.2 alusel / <i>Satellite Earth Stations and Systems (SES); Harmonized EN for Satellite Interactive Terminals (SIT) and Satellite User Terminals (SUT) transmitting towards satellites in geostationary orbit in the 29,5 GHz to 30,0 GHz frequency bands covering essential requirements under article 3.2 of the R&amp;TTE Directive</i></p>	<p>EN 301 459 V1.3.1</p>	<p>31.3.2009</p>	<p>Artikli 3 lõige 2</p>
<p>EN 301 839-2 V1.2.1 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lähitoimeseadmed; Raadiosagedusalas 402 MHz kuni 405 MHz töötavad väga väikese võimsusega aktiivsed meditsiinilised implantaadid (ULP-AMI) ja nende lisatarvikud (ULP-AMI-P); Osa 2: Harmoneeritud EN R&amp;TTE direktiivi artikli 3.2 põhinõuete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Ultra Low Power Active Medical Implants (ULP-AMI) and Peripherals (ULP-AMI-P) operating in the frequency range 402 MHz to 405 MHz; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&amp;TTE Directive</i></p>	<p>EN 301 839-2 V1.1.1</p>	<p>31.3.2009</p>	<p>Artikli 3 lõige 2</p>
<p>EN 301 893 V1.4.1 Lairiba raadiojuurdepääsuvõrgud (BRAN); Raadiosagedusalas 5 GHz töötavate suure edastuskiirusega RLAN seadmete põhinõuded; harmoneeritud EN R&amp;TTE direktiivi artikli 3.2 alusel / <i>Broadband Radio Access Networks (BRAN); 5 GHz high performance RLAN; Harmonized EN covering essential requirements of article 3.2 of the R&amp;TTE Directive</i></p>	<p>EN 301 893 V1.3.1</p>	<p>31.3.2009</p>	<p>Artikli 3 lõige 2</p>
<p>EN 301 908-01 V3.2.1 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Kolmanda põlvkonna mobiilsidevõrgu IMT-2000 baasjaamad (BS), repiiterid ja kasutajaseadmed (UE); Osa 1: IMT-2000, sissejuhatus ja üldised nõuded, harmoneeritud EN R&amp;TTE direktiivi artikli 3.2 põhinõuete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 1: Harmonized EN for IMT-2000, introduction and common requirements, covering essential requirements of article 3.2 of the R&amp;TTE Directive</i></p>	<p>EN 301 908-01 V2.2.1</p>	<p>31.1.2009</p>	<p>Artikli 3 lõige 2</p>



<p>EN 301 908-02 V3.2.1  Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Kolmanda põlvkonna mobiilsidevõrgu IMT-2000 baasjaamad (BS), repiiterid ja kasutajaseadmed (UE); Osa 2: IMT-2000, otsese hajutamise CDMA (UTRA FDD) (UE) harmoneeritud EN R&amp;TTE direktiivi artikli 3.2 põhinõuete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 2: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD) (UE) covering essential requirements of article 3.2 of the R&amp;TTE Directive</i></p>	<p>EN 301 908-02  V2.2.1</p>	<p>31.1.2009</p>	<p>Artikli 3 lõige 2</p>
<p>EN 301 908-03 V3.2.1  Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Kolmanda põlvkonna mobiilsidevõrgu IMT-2000 baasjaamad (BS), repiiterid ja kasutajaseadmed (UE); Osa 3: IMT-2000, otsese hajutamise CDMA (UTRA FDD) (BS) harmoneeritud EN R&amp;TTE direktiivi artikli 3.2 põhinõuete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 3: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD) (BS) covering essential requirements of article 3.2 of the R&amp;TTE Directive</i></p>	<p>EN 301 908-03  V2.2.1</p>	<p>31.1.2009</p>	<p>Artikli 3 lõige 2</p>
<p>EN 301 908-07 V3.2.1  Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Kolmanda põlvkonna mobiilsidevõrgu IMT-2000 baasjaamad (BS), repiiterid ja kasutajaseadmed (UE); Osa 7: IMT-2000, CDMA TDD (UTRA TDD) (BS) harmoneeritud EN R&amp;TTE direktiivi artikli 3.2 põhinõuete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 7: Harmonized EN for IMT-2000, CDMA TDD (UTRA TDD) (BS) covering essential requirements of article 3.2 of the R&amp;TTE Directive</i></p>	<p>EN 301 908-07  V2.2.2 &amp; EN  301 908-07 V2.2.1</p>	<p>31.1.2009</p>	<p>Artikli 3 lõige 2</p>

<p>EN 301 908-11 V3.2.1  Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Kolmanda põlvkonna mobiilsidevõrgu IMT-2000 baasjaamad (BS), repiiterid ja kasutajaseadmed (UE); Osa 11: IMT-2000, CDMA otsese hajutamise (UTRA FDD) repiiterite harmoneeritud EN R&amp;TTE direktiivi artikli 3.2 põhinõuete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 11: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD) (Repeaters) covering essential requirements of article 3.2 of the R&amp;TTE Directive</i></p>	<p>EN 301 908-11 V2.3.1</p>	<p>31.1.2009</p>	<p>Artikli 3 lõige 2</p>
<p>EN 301 929-2 V1.2.1  Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); GMDSS ja teiste liikuva mereside rakenduste VHF kaldajaamade raadiosaatjad ja -vastuvõtjad; Osa 2: Harmoneeritud EN R&amp;TTE direktiivi artikli 3.2 alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); VHF transmitters and receivers as Coast Stations for GMDSS and other applications in the maritime mobile service; Part 2: Harmonized EN under article 3.2 of the R&amp;TTE Directive</i></p>	<p>EN 301 929-2 V1.1.1</p>	<p>31.11.2008</p>	<p>Artikli 3 lõige 2</p>
<p>EN 302 326-3 V1.2.2  Paiksed raadiosidesüsteemid; Mitmikpunktide seadmed ja antennid; Osa 3: Mitmikpunktide raadioantennide harmoneeritud EN R&amp;TTE direktiivi artikli 3.2 põhinõuete alusel / <i>Fixed Radio Systems; Multipoint Equipment and Antennas; Part 3: Harmonized EN covering the essential requirements of article 3.2 of the R&amp;TTE Directive for Multipoint Radio Antennas</i></p>	<p>EN 302 326-3 V1.1.2</p>	<p>31.3.2009</p>	<p>Artikli 3 lõige 2</p>
<p>EN 302 454-2 V1.1.1  Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Raadiometeoroloogia (Met Aids); Raadiosagedusvahemikus 1 668,4 MHz kuni 1 690 MHz töötavad raadiosondid; Osa 2: Harmoneeritud EN R&amp;TTE direktiivi artikli 3.2 põhinõuete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Meteorological Aids (Met Aids); Radiosondes to be used in the 1 668,4 MHz to 1 690 MHz frequency range; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&amp;TTE Directive</i></p>			<p>Artikli 3 lõige 2</p>

<p>EN 302 510-2 V1.1.1  Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Raadiosagedusalas 30 MHz kuni 30,5 MHz töötavad väga väikese võimsusega aktiivsed meditsiinilised membraanimplantaadid ja nende lisatarvikud; Osa 2: Harmoneeritud EN R&amp;TTE direktiivi artikli 3.2 põhinõuete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Radio equipment in the frequency range 30 MHz to 37,5 MHz for Ultra Low Power Active Medical Membrane Implants and Accessories; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&amp;TTE Directive</i></p>			Artikli 3 lõige 2
<p>EN 302 326-2 V1.2.2  Paiksed raadiosidesüsteemid; Mitmikpunktside seadmed ja antennid; Osa 2: Digitaalsete mitmikpunktside raadioseadmete harmoneeritud EN R&amp;TTE direktiivi artikli 3.2 põhinõuete alusel / <i>Fixed Radio Systems; Multipoint Equipment and Antennas; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&amp;TTE Directive for Digital Multipoint Radio Equipment</i></p>	EN 302 326-2 V1.1.2	31.3.2009	Artikli 3 lõige 2

Märkus 1:

üldiselt on vastavuseelduse lõppemise kuupäevaks Euroopa standardiorganisatsiooni poolt määratud kehtetuks tunnistamise kuupäev („dow”), kuid selliste standardite kasutajate tähelepanu juhitakse asjaolule, et teatud erandjuhtudel võib see olla teisiti.

Märkus 2.1:

uus (või muudetud) standard on sama käsitluselaga kui asendatav standard. Määratud kuupäevast alates ei anna asendatav standard vastavuseeldust direktiivi olulistele nõuetele.

Märkus 3:

muudatuste puhul on viidatud standardiks EN CCCCC:YYYY, selle varasemad muudatused, kui neid on, ja uus viidatud muudatus. Asendatav standard (2. veerg) sisaldab seetõttu standardit EN CCCCC:YYYY ja standardi eelmisi muudatusi, kui need on olemas, ilma uue viidatud muudatuseta. Määratud kuupäevast alates ei anna asendatav standard vastavuseeldust direktiivi olulistele nõuetele.

**NÕUKOGU DIREKTIIV 88/378/EMÜ Mänguasjade ohutus**  
(2007/C 232/11)  
04.10.2007

<b>Viide ühtlustatud standardile ja standardi pealkiri (ja viitedokument)</b>	<b>Viide asendatavale standardile</b>	<b>Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1</b>
EN 71-1:2005+A4:2007 Mänguasjade ohutus. Osa 1: Mehaanilised ja füüsilised omadused KONSOLIDEERITUD TEKST / <i>Safety of toys - Part 1: Mechanical and physical properties CONSOLIDATED TEXT</i>	EN 71-1:2005	31.11.2007
EN 71-4:1990/A3:2007 Mänguasjade ohutus. Osa 4: Katsekomplektid keemiakatseteks ja samalaadseks tegevuseks / <i>Safety of toys - Part 4: Experimental sets for chemistry and related activities</i>	Märkus 3	30.11.2007

**NÕUKOGU DIREKTIIV 95/16/EÜ Liftid**  
(2007/C 239/03)  
11.10.2007

<b>Viide ühtlustatud standardile ja standardi pealkiri (ja viitedokument)</b>	<b>Viide asendatavale standardile</b>	<b>Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1</b>
EN 81-71:2005 Liftide valmistamise ja paigaldamise ohutuseeskirjad. Reisijate ja kaupade veoks mõeldud liftide eriotstarbelised rakendused. Osa 71: Vandalismikindlad liftid / <i>Safety rules for the construction and installation of lifts - Particular applications to passenger lifts and goods passenger lifts - Part 71: Vandal resistant lifts</i>	-	
EN 81-71:2005/A1:2006 Liftide valmistamise ja paigaldamise ohutuseeskirjad. Reisijate ja kaupade veoks mõeldud liftide eriotstarbelised rakendused. Osa 71: Vandalismikindlad liftid / <i>Safety rules for the construction and installation of lifts - Particular applications to passenger lifts and goods passenger lifts - Part 71: Vandal resistant lifts</i>	Märkus 3	Selle avaldamise kuupäev
EN 12385-3:2004 Terastraadist trossid. Ohutus. Osa 3: Kasutus- ja hooldusinformatsioon / <i>Steel wire ropes - Safety - Part 3: Information for use and maintenance</i>	-	

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 3

Muudatuste puhul on viitestandard EN CCCCC:AAAA, vajaduse korral selle varasemad

muudatused ja osutatud uus muudatus. Asendatav standard (veerg 2) koosneb seega standardist 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.

## WTO SEKRETARIAADILT SAABUNUD TEATISED

Maailma Kaubandusorganisatsiooni WTO sekretariaadilt saabunud õigusaktide eelnõud, milles sisalduvad tehnilised normid võivad saada kaubanduse tehnilisteks tõketeks. Eelnõude kohta on võimalik esitada kommentaare 2 nädalat enne tabelis toodud kuupäeva Majandus- ja Kommunikatsiooniministeriumi Karl Stern, [karl.stern@mkm.ee](mailto:karl.stern@mkm.ee). Eelnõude terviktekstid ja info EVS Teabekeskusest Signe Ruut tel 605 5062, faks 605 5063, [enquiry@evs.ee](mailto:enquiry@evs.ee).

## WTO SEKRETARIAADILT SAABUNUD SPS TEATISED

NUMBER & ESITAMIS-KUUPÄEV	RIIK	MÕJUTATAV PIIRKOND/RIIK	TOODE	EESMÄRK	KOMMENTAARIDE ESITAMISE VIIMANE KUUPÄEV
G/SPS/N/ARG/114 17. september 2007	ARGENTIINA	India	<i>Gerbera jamesonii</i> paljundusmaterjal	taimekaitse	60 päeva
G/SPS/N/ALB/24 1. oktoober 2007	ALBAANIA	Venemaa	kodu- ja metssead	toiduohutus/ loomatervis/ inimeste kaitsmine looma-/ taimehaiguste või kahjurite eest	
G/SPS/N/CHL/264 1. oktoober 2007	TŠIILI	EÜ liikmed	paljundusmaterjal	taimekaitse	-
G/SPS/N/COL/148 1. oktoober 2007	KOLUMBIA	kaubanduspartnerid	toit ja loomasööt	toiduohutus	-
G/SPS/N/MEX/214 1. oktoober 2007	MEHHIKO	kaubanduspartnerid	loomad	loomatervis/ inimeste kaitsmine looma-/ taimehaiguste või kahjurite eest	-
G/SPS/N/NZL/384 2. oktoober 2007	UUS MEREMAA	Ühendatud Kuningriik, USA	<i>Miscanthus</i> spp. (Poaceae) taimed <i>in vitro</i>	taimekaitse/ inimeste kaitsmine looma-/ taimehaiguste või kahjurite eest/ territooriumi kaitsmine kahjurite eest	.

G/SPS/N/USA/1714 2. oktoober 2007	USA	kõik kaubandus- partnerid	erinevad tooted	toiduohutus/ taimekaitse/ inimeste kaitsmine looma-/ taime- haiguste või kahjurite eest	26. november 2007
G/SPS/N/USA/1715 2. oktoober 2007	USA	kõik kaubandus- partnerid	diklorofoss (DDVP)	toiduohutus/ loomatervis/ taimekaitse/ inimeste kaitsmine looma-/ taime- haiguste või kahjurite eest	-
G/SPS/N/USA/1716 2. oktoober 2007	USA	kõik kaubandus- partnerid	N-metüül karbamaat	toiduohutus/ taimekaitse/ inimeste kaitsmine looma-/ taime- haiguste või kahjurite eest	26. november 2007
G/SPS/N/USA/1717 2. oktoober 2007	USA	kõik kaubandus- partnerid	puuvill ja marjad	toiduohutus/ taimekaitse/ inimeste kaitsmine looma-/ taime- haiguste või kahjurite eest	26. november 2007
G/SPS/N/USA/1718 2. oktoober 2007	USA	kõik kaubandus- partnerid	kariloomad, kitsed, muru, sead, hobused, piim, lambad, nisu	toiduohutus/ taimekaitse/ inimeste kaitsmine looma-/ taime- haiguste või kahjurite eest	26. november 2007
G/SPS/N/CHE/ 65-68 4. oktoober 2007	ŠVEITS	kõik kaubandus- partnerid	toit	toiduohutus	10. detsember 2007
G/SPS/N/OMN/22 4. oktoober 2007	OMAAN	kõik riigid	importtoit	toiduohutus	60 päeva
G/SPS/N/PHL/129 4. oktoober 2007	FILIPPIINID	USA ja Kanada	kariloomad (01.02), loomaliha (02.01 ja 02.02)	toiduohutus/ loomatervis	90 päeva
G/SPS/N/PHL/130 4. oktoober 2007	FILIPPIINID	Jaapan	hobused (01.01)	loomatervis	-

G/SPS/N/ALB/25 8. oktoober 2007	ALBAANIA	Türgi	veised, sead, lambad ja kitsed	loomatervis/ inimeste kaitsmine looma-/ taime- haiguste või kahjurite eest	-
G/SPS/N/ALB/26 8. oktoober 2007	ALBAANIA	Portugal	mäletsejate liiki kuuluvad looamd	loomatervis	-
G/SPS/N/CHE/69 8. oktoober 2007	ŠVEITS	kõik kaubandus- partnerid	loomne toit	toiduohutus	10. detsember 2007
G/SPS/N/CHE/70 8. oktoober 2007	ŠVEITS	kõik kaubandus- partnerid	toit	toiduohutus	10. detsember 2007
G/SPS/N/KOR/261 8. oktoober 2007	KOREA VABARIIK	kõik kaubandus- partnerid	loomsed tooted	toiduohutus	60 päeva
G/SPS/N/ALB/27 10. oktoober 2007	ALBAANIA	Suffolk, Inglismaa	mäletsejad	loomatervis	-
G/SPS/N/ALB/28 10. oktoober 2007	ALBAANIA	Kanada Saskatchewan maakonna, Regina piirkond	linnud ja linnuliha	loomatervis/ inimeste kaitsmine looma-/ taime- haiguste või kahjurite eest	-
G/SPS/N/AUS/218 10. oktoober 2007	AUSTRALIA	kõik riigid	toit	toiduohutus	7. detsember 2007
G/SPS/N/CHL/265 10. oktoober 2007	TŠIILI	EÜ riigid	<i>Glycyrrhiza glabra</i> risoom ja juur	taimekaitse	-
G/SPS/N/CHL/266 10. oktoober 2007	TŠIILI	EÜ riigid	<i>Helianthus annuus</i> seemned	taimekaitse	-
G/SPS/N/KOR/262 10. oktoober 2007	KOREA VABARIIK	kõik kaubandus- partnerid	tervisetoidud	toiduohutus	60 päeva
G/SPS/N/PER/161 10. oktoober 2007	PERUU	Itaalia	artišokk	taimekaitse	-
G/SPS/N/PER/162 10. oktoober 2007	PERUU	Tai	HS tariff subheading 1006.30.00.00: milled rice ( <i>Oryza sativa</i> )	taimekaitse	-
G/SPS/N/PER/163 10. oktoober 2007	PERUU	Vietnam	harilik riis ( <i>Oryza sativa</i> )	taimekaitse	-
G/SPS/N/USA/1719 10. oktoober 2007	USA	kõik kaubandus- partnerid	nisu	toiduohutus/ taimekaitse/ inimeste kaitsmine looma-/ taime- haiguste või kahjurite eest	-

G/SPS/N/USA/1720 10. oktoober 2007	USA	kõik kaubandus- partnerid	hersed	toiduohutus/ taimekaitse/ inimeste kaitsmine looma-/ taime- haiguste või kahjurite eest	3. detsember 2007
G/SPS/N/JAM/9 12. oktoober 2007	JAMAICA	India	töötlemata puidust kaubaalused	taimekaitse	-
G/SPS/N/JAM/10 12. oktoober 2007	JAMAICA	Tai	töötlemata puidust kaubaalused	taimekaitse	-
G/SPS/N/JAM/11 12. oktoober 2007	JAMAICA	Indoneesia	töötlemata puidust kaubaalused	taimekaitse	-
G/SPS/N/CAN/302 15. oktoober 2007	KANADA	-	atsesulfaam - kaalium ja sahharaas (ICS: 67.220)	toiduohutus	20. detsember 2007
G/SPS/N/JPN/197 18. oktoober 2007	JAAPAN	kõik riigid	liha (HS: 02.01, 02.02, 02.03, 02.04, 02.05, 02.06, 02.07, 02.08 and 02.09) piimatooted ja munad (HS: 04.01, 04.07 ja 04.08) söödavad juured ja mugulad (HS: 07.01, 07.05, 07.09 ja 07.10) söödavad puuviljad (HS: 08.06, 08.07, 08.09, 08.10 ja 08.11) teravili (HS: 10.01 ja 10.03) mitmesugune vili, seemned (HS: 12.10 ja 12.12)	toiduohutus	60 päeva
G/SPS/N/JPN/198 18. oktoober 2007	JAAPAN	kõik riigid	toidulisandid (polüsorbaat 20, 60, 65, ja 80, kaltsiumsilikaat, ja kaltsium L- askorbaat)	toiduohutus	60 päeva
G/SPS/N/USA/1721 18. oktoober 2007	USA	kõik kaubandus- partnerid	saematerjal	inimeste kaitsmine looma-/ taime- haiguste või kahjurite eest	10. detsember 2007



G/SPS/N/USA/1722 18. oktoober 2007	USA	Austraalia	kirsid	taimekaitse	11. detsember 2007
G/SPS/N/USA/1723 19. oktoober 2007	USA	Panama	Arugula	taimekaitse	3. detsember 2007
G/SPS/N/USA/1724 22. oktoober 2007	USA	Gruusia	sealiha ja sealihatooted	looma tervis	-
G/SPS/N/CAN/303 24. oktoober 2007	KANADA	-	pürimetaniil (ICS: 65.020, 65.100, 67.040)	toiduohutus	25. detsember 2007
G/SPS/N/CHN/102 24. oktoober 2007	HIINA	kõik WTO liikmed	toit	toiduohutus	60 päeva
G/SPS/N/CHN/103 24. oktoober 2007	HIINA	kõik riigid ja piirkonnad	nisujahu	toiduohutus	60 päeva
G/SPS/N/COL/149 24. oktoober 2007	KOLUMBIA	USA	linnud ja linnuliha	looma tervis	60 päeva
G/SPS/N/KOR/263 24. oktoober 2007	KOREA VABARIIK	kõik riigid	toidukaubad	toiduohutus	60 päeva
G/SPS/N/USA/1725 24. oktoober 2007	USA	kõik kaubandus- partnerid	erinevad tooted	toiduohutus/ taimekaitse/ inimeste kaitsmine looma-/ taime- haiguste või kahjurite eest	17. detsember 2007
G/SPS/N/ALB/29 25. oktoober 2007	ALBAANIA	Taani	mäletsejad	loomatervis	-
G/SPS/N/ARM/9 25. oktoober 2007	ARMEENIA	kõik kaubandus- partnerid	liha ja lihatooted	toiduohutus/ inimeste kaitsmine looma-/ taime- haiguste või kahjurite eest	-
G/SPS/N/OMN/23 25. oktoober 2007	OMAAAN	kõik kaubandus- partnerid	maitsestatud jogurt, jogurt, külmutatud jogurt	toiduohutus	25. detsember 2007
G/SPS/N/PER/164 25. oktoober 2007	PERUU	Kanada	linnud ja linnuliha	looma tervis	-
G/SPS/N/IDN/37 26. oktoober 2007	INDONEESIA	kõik riigid	värsked juurviljasibulad	taimekaitse/ territooriumi kaitsmine kahjurite eest	60 päeva
G/SPS/N/EGY/30 30. oktoober 2007	EGIPTUS	kõik riigid	import kartuliseeme	taimekaitse/ territooriumi kaitsmine kahjurite eest	26. detsember 2007
G/SPS/N/USA/1726 30. oktoober 2007	USA	kõik kaubandus- partnerid	viinamarjad	toiduohutus/ taimekaitse/ inimeste kaitsmine looma-/ taime- haiguste või kahjurite eest	24. november 2007

G/SPS/N/USA/1727 30. oktoober 2007	USA	kõik kaubandus- partnerid	erinevad tooted - pestitsiidid	toiduohutus/ taimekaitse/ inimeste kaitsmine looma-/ taime- haiguste või kahjurite eest	24. november 2007
G/SPS/N/USA/1728 30. oktoober 2007	USA	kõik kaubandus- partnerid	tsitruselised, luuviljalised, õunad, kariloomad, kitsed, hobused, lambad	toiduohutus/ taimekaitse/ inimeste kaitsmine looma-/ taime- haiguste või kahjurite eest	24. detsember 2007
G/SPS/N/USA/1729 30. oktoober 2007	USA	kõik kaubandus- partnerid	erinevad tooted	toiduohutus/ loomatervis/ taimekaitse/ inimeste kaitsmine looma-/ taime- haiguste või kahjurite eest	24. detsember 2007
G/SPS/N/USA/1730 30. oktoober 2007	USA	kõik kaubandus- partnerid	marjad ja kaunviljad	toiduohutus/ taimekaitse/ inimeste kaitsmine looma-/ taime- haiguste või kahjurite eest	24. detsember 2007

### WTO SEKRETARIAADILT SAABUNUD TBT TEATISED

NUMBER & ESITAMIS- KUUPÄEV	RIIK	TOODE/KAUP/ TEENUS	EESMÄRK	KOMMEN- TAARIDE ESITAMISE VIIMANE KUUPÄEV
G/TBT/N/FRA/66 11. september 2007	PRANTSUSMAA	tekstiilmaterjalidest, jalanõudest ja riietest tekkivad jäätmed	nõuded	60 päeva
G/TBT/N/CHE/86 12. september 2007	ŠVEITS	pakendatud tubakatooted	rahva tervis	10. november 2007
G/TBT/N/FRA/67 12. september 2007	PRANTSUSMAA	mänguasjad	magnetiga mänguasjade spetsiaalne märgistamine	-

G/TBT/N/COL/99 14. september 2007	KOLUMBIA	kolmerattalised jalgrattad, tõukerattad, pedaalidega autod ja sarnased ratastel mänguasjad, nukuvankrid, pusled, elektrirongid, mänguloomad, õhupallid jne	ohutusnõuded	-
G/TBT/N/COL/100 19. september 2007	KOLUMBIA	kuulikindell klaas, 39.26.90.90.90, 70.07.11.00.00, 70.07.21.00.00 ja 87.08.29.50.00	ohutus	18. detsember 2007
G/TBT/N/FRA/68 - 70 26. september 2007	PRANTSUSMAA	pihustid (uued ja kasutatud)	nõuded	-
G/TBT/N/ARG/224 27. september 2007	ARGENTIINA	surugaasi (CNG) balloonid	kasutajaohutus	24. november 2007
G/TBT/N/COL/101 27. september 2007	KOLUMBIA	toit ja loomasööt	inimeste ja loomade elu ning tervise kaitse	-
G/TBT/N/CHE/88 1. oktoober 2007	ŠVEITS	raadiosideseadmed	muudatused seadusandluses	30. november 2007
G/TBT/N/CHN/291, 292 1. oktoober 2007	HIINA	õli- ja gaasipõletid	inimeste ohutus	60 päeva
G/TBT/N/IDN/16, 17 1. oktoober 2007	INDONEESIA	betooni sarrusteras HS: 7214.20.11.00, 7214.20.19.00, 7214.20.21.00, 7214.20.29.00, 7214.99.10.10, 7214.99.10.90, 7214.99.90.10, 7214.99.90.90 SNI 07-0954-2005	tarbijakaitse, kvaliteet, õiglane kaubandus	60 päeva
G/TBT/N/CHN/293 2. oktoober 2007	HIINA	boilerid (ICS: 13.040.40; HS: 8402, 8403, 8404)	keskkonnakaitse	60 päeva
G/TBT/N/FRA/71, 72 2. oktoober 2007	PRANTSUSMAA	ehitised	muudatused seadusandluses	detsember 2007
G/TBT/N/ISR/187 2. oktoober 2007	IISRAEL	tulekahju-signalisatsioonisüsteem (ICS: 13.220; HS: 8531.10)	tarbijaohutus	60 päeva
G/TBT/N/MYS/10 2. oktoober 2007	MALAYSIA	raadiosideseadmed (ICS: 33.040)	ohutus	-
G/TBT/N/MYS/11 2. oktoober 2007	MALAYSIA	mõõtesüsteemid	nõuded	-
G/TBT/N/MYS/12 2. oktoober 2007	MALAYSIA	mõõteseadmed	muudatused seadusandluses	-
G/TBT/N/USA/301 2. oktoober 2007	USA	laste turvasüsteemid (HS: 8703; ICS: 43.100, 13.340)	inimeste elude kaitse	-

G/TBT/N/USA/302 2. oktoober 2007	USA	diatsetüül (ICS: 67.220)	inimeste elude kaitse	-
G/TBT/N/BRA/255 3. oktoober 2007	BRASIILIA	ravimite pakendamine	tarbijakaitse	60 päeva
G/TBT/N/BRA/256 3. oktoober 2007	BRASIILIA	elektrilised ventilaatorid (HS: 841451)	ohutus	60 päeva
G/TBT/N/BRA/257 3. oktoober 2007	BRASIILIA	tööstuslikud ventiilid (HS: 8481)	ohutus ja keskkonnakaitse	30 päeva
G/TBT/N/COL/102 3. oktoober 2007	KOLUMBIA	jalanõud ja nahast tooted 6401 kuni 6405 ja 4202.11, 4202.12, 4202.21, 4202.22, 4202.29, 4202.31, 4202.32, 4202.39, 4202.91, 4202.92 ja 4202.99	tarvijaeksituste vältimine	30. november 2007
G/TBT/N/COL/103 3. oktoober 2007	KOLUMBIA	külmutus- ja jahutusseadmed	keskkonnakaitse	-
G/TBT/N/CHE/89 4. oktoober 2007	ŠVEITS	toiduga kokkupuutuvad materjalid	tarbijakaitse	10. detsember 2007
G/TBT/N/CHE/90 4. oktoober 2007	ŠVEITS	toit	tervisekaitse	10. detsember 2007
G/TBT/N/CHE/91 4. oktoober 2007	ŠVEITS	materjalid, mis võivad kokku puutuda juustega, nahaga, küünaldega, tikkudega, välgumihklitega jne	tervisekaitse	10. detsember 2007
G/TBT/N/CHE/92 4. oktoober 2007	ŠVEITS	alkoholivabad joogid	tervisekaitse	10. detsember 2007
G/TBT/N/CHE/93 4. oktoober 2007	ŠVEITS	alkohoolsed joogid	pettuste ennetamine	10. detsember 2007
G/TBT/N/OMN/21 4. oktoober 2007	OMAAAN	plastiktorud	ohutusnõuded	60 päeva
G/TBT/N/NZL/39 5. oktoober 2007	UUS MEREMAA	sõidukid	muudatused seadusandluses	-
G/TBT/N/SVN/ 63, 64 5. oktoober 2007	SLOVEENIA	ehitusmaterjalide tehnilised aspektid - tuulekoormus (ICS: 91.010.30)	eurokoodeksite rahvuslikud lisad	21. detsember 2007
G/TBT/N/CAN/214 8. oktoober 2007	KANADA	nööri/kettidega aknakatted (ICS: 91.060, 91.190)	inimeste tervis ja ohutus	13. detsember 2007
G/TBT/N/USA/303 8. oktoober 2007	USA	mootorsõidukite süsteemid (HS: 8707; ICS: 43.040)	inimeste elude kaitse	3. detsember 2007
G/TBT/N/GTM/58 11. oktoober 2007	GUATEMALA	kosmeetikatooted (ICS: 71.100)	inimeste tervise kaitse	30 päeva
G/TBT/N/NIC/87 11. oktoober 2007	NICARAGUA	kosmeetikatooted – head tootmistavad	inimeste tervise kaitse	30 päeva
G/TBT/N/OMN/ 22, 23 11. oktoober 2007	OMAAAN	joogivee jahutid	ohutusnõuded	60 päeva

G/TBT/N/ROU/35 11. oktoober 2007	RUMEENIA	betoonkonstruktsioonid (ICS: 91.010.30; 91.080.40)	inimeste tervis	15. detsember 2007
G/TBT/N/ROU/36 11. oktoober 2007	RUMEENIA	vedelgaas (ICS: 75.160.30)	inimeste tervis ja tarbijakaitse	15. november 2007
G/TBT/N/ROU/37 11. oktoober 2007	RUMEENIA	tahkekütused (ICS: 75.160.10)	inimeste tervis ja tarbijakaitse	15. november 2007
G/TBT/N/ROU/38 11. oktoober 2007	RUMEENIA	vedelgaasid (ICS: 75.160.30)	inimeste tervis ja tarbijakaitse	15. november 2007
G/TBT/N/ROU/39 11. oktoober 2007	RUMEENIA	naftasaadused (ICS: 75.080)	inimeste tervis ja tarbijakaitse	15. november 2007
G/TBT/N/ROU/40 11. oktoober 2007	RUMEENIA	vibratsiooni- ja maavärinakindlus (ICS: 91.120.25).	inimeste tervis ja tarbijakaitse	10. detsember 2007
G/TBT/N/ROU/ 41 - 43 11. oktoober 2007	RUMEENIA	ehitusmaterjalide ja ehituse tehnilised aspektid (ICS: 91.010.30)	inimeste tervis ja tarbijakaitse	10. detsember 2007
G/TBT/N/ROU/44 11. oktoober 2007	RUMEENIA	materjalide ja ehituselementide tulekindlus (ICS: 13.220.50; 91.010.30; 91.080.10)	inimeste tervis ja tarbijakaitse	10. detsember 2007
G/TBT/N/ARG/225 12. oktoober 2007	ARGENTIINA	mineraalvesi	toiduseaduse uuendamine	25. november 2007
G/TBT/N/ARG/226 12. oktoober 2007	ARGENTIINA	Chia ( <i>Salvia hispánica L.</i> ) seemned ja õli	toiduseaduse uuendamine	11. november 2007
G/TBT/N/ARG/227 12. oktoober 2007	ARGENTIINA	söögiseened	toiduseaduse uuendamine	-
G/TBT/N/ARG/228 12. oktoober 2007	ARGENTIINA	kinnispakis toidud	tarbijainfo ja tervisekaitse	-
G/TBT/N/JPN/221 12. oktoober 2007	JAAPAN	gaasiga veesoojendid	toote ohutus	14. detsember 2007
G/TBT/N/OMN/24 12. oktoober 2007	OMAAAN	elektriseadmed (50 V kuni 1000 V AC ja 75 V kuni 1500 V DC)	ohutus	60 päeva
G/TBT/N/AUS/58 16. oktoober 2007	AUSTRALIA	laste mänguasjad	ohutus	-
G/TBT/N/BRA/258 16. oktoober 2007	BRASILIA	kindad (HS: 4015.11; 4015.19)	tarbijaohutus ja tervisekaitse	60 päeva
G/TBT/N/BRA/259 16. oktoober 2007	BRASILIA	mänguasjad (HS: 9501; 9502; 9503).	tarbijakaitse	-
G/TBT/N/CAN/215 16. oktoober 2007	KANADA	raadiosideadmed (ICS: 33.060)	võrgu kaitse	20. detsember 2007
G/TBT/N/EEC/164 16. oktoober 2007	EUROOPA ÜHENDUSED	etofenprox; klotianidiin	rahva tervise kaitse ja keskkonnakaitse	60 päeva
G/TBT/N/HND/46 16. oktoober 2007	HONDURAS	kosmeetikatooted	inimeste tervise kaitse	30 päeva
G/TBT/N/KOR/160 16. oktoober 2007	KOREA VABARIIK	ravimid	nõuded	14. detsember 2007
G/TBT/N/PRY/13 16. oktoober 2007	PARAGUAY	mõõteseadmed	nõuded	60 päeva
G/TBT/N/PRY/14 16. oktoober 2007	PARAGUAY	kangad	tarbijakaitse	60 päeva

G/TBT/N/SLV/110 16. oktoober 2007	EL SALVADOR	kosmeetikatooted	inimeste tervise kaitse	30 päeva
G/TBT/N/SLV/111 16. oktoober 2007	EL SALVADOR	puuviljanektarid (ICS: 67.160.20)	inimeste tervise kaitse ja tarbijaeksituste vältimine	60 päeva
G/TBT/N/USA/304 16. oktoober 2007	USA	lennuelektroonika (HS: 9014.10-14; ICS: 49.060)	keskkonnakaitse ja inimeste ohutus	3. jaanuar 2008
G/TBT/N/USA/305 16. oktoober 2007	USA	riiete kuivatid, ventilatsiooniseadmed (HS: 8421.12, 8415.10; ICS: 97.060, 23.120, 13.020)	keskkonnakaitse	6. november 2007
G/TBT/N/CRI/67 17. oktoober 2007	COSTA RICA	puuviljanektarid	inimeste tervise kaitse ja tarbijaeksituste vältimine	60 päeva
G/TBT/N/CRI/68 17. oktoober 2007	COSTA RICA	kosmeetikatooted	inimeste tervise kaitse	30 päeva
G/TBT/N/CRI/69 17. oktoober 2007	COSTA RICA	riis	inimeste elu ja tervise kaitse	60 päeva
G/TBT/N/CRI/70 17. oktoober 2007	COSTA RICA	juust	inimeste elu ja tervise kaitse	60 päeva
G/TBT/N/NIC/88 17. oktoober 2007	NICARAGUA	puuviljanektarid	inimeste tervise kaitse, tarbijaeksituste vältimine	60 päeva
G/TBT/N/CHE/94 18. oktoober 2007	ŠVEITS	masinad	nõuded, tervisekaitse	30. detsember 2007
G/TBT/N/PHL/90 18. oktoober 2007	FILIPIINID	terastooted ICS: 77.140.50; 77.140.60; 77.140.70	tarbijakaitse ja ohutus	17. detsember 2007
G/TBT/N/MEX/127 19. oktoober 2007	MEHHIKO	ohtlikud ained, materjalid ja jäätmed	mürgistusnõuded	15. detsember 2007
G/TBT/N/ZMB/40 22. oktoober 2007	ZAMBIA	tsement	inimeste tervise kaitse ja ehitiste ohutus	-
G/TBT/N/ZMB/41 22. oktoober 2007	ZAMBIA	bensiin	inimeste tervise kaitse, keskkonnakaitse ja mootorsõidukite kaitsmine	-
G/TBT/N/ZMB/42 22. oktoober 2007	ZAMBIA	piim	inimeste tervise kaitse	-
G/TBT/N/ZMB/43 22. oktoober 2007	ZAMBIA	petrool	inimeste tervise kaitse, keskkonnakaitse	-
G/TBT/N/ZMB/44 22. oktoober 2007	ZAMBIA	diislikütus	inimeste tervise kaitse, keskkonnakaitse ja mootorsõidukite kaitsmine	-
G/TBT/N/CAN/216 24. oktoober 2007	KANADA	raadiosideseadmed (ICS: 33.060)	võrgu kaitse	10. veebruar 2007

G/TBT/N/EEC/165 24. oktoober 2007	EUROOPA ÜHENDUSED	kosmeetika (juuksevärvid)	inimeste tervise kaitse	60 päeva
G/TBT/N/KOR/161 24. oktoober 2007	KOREA VABARIIK	mootorsõidukid	In order to enhance ohutus	-
G/TBT/N/KOR/162 24. oktoober 2007	KOREA VABARIIK	ravimtaimed	inimeste tervise kaitse ja ohutus	30 päeva
G/TBT/N/PHL/91 24. oktoober 2007	FILIPIINID	mänguasjad	nõuded	5. detsember 2007
G/TBT/N/ARM/58 25. oktoober 2007	ARMEENIA	liha ja lihatooted	inimeste tervis ja ohutus	-
G/TBT/N/ARM/59 25. oktoober 2007	ARMEENIA	parfümeeria ja kosmeetikatooted	nõuded	24. detsember 2007-
G/TBT/N/NZL/40 25. oktoober 2007	UUS MEREMAA	kodused külmutusseadmed (HS: 841821-29)	keskkonnakaitse	60 päeva
G/TBT/N/USA/306 25. oktoober 2007	USA	lastele mõeldud tooted, ftalaadid (HS: 9503, 2917.39, Ch. 95) (ICS: 97.200, 71.080)	inimeste elu ja tervise kaitse	-
G/TBT/N/USA/307 25. oktoober 2007	USA	õlu, linnasejoogid, energiajoogid (HS: 22-US4, 22-US5) (ICS: 67.160)	inimeste elu ja tervise kaitse	14. november 2007
G/TBT/N/ZAF/68 25. oktoober 2007	LÕUNA AAFRIKA	juurvili	tarbijainfo ja tarbijaohutus	24. detsember 2007
G/TBT/N/BRN/2 26. oktoober 2007	BRUNEI	halal-toit	nõuded	-
G/TBT/N/GTM/59 26. oktoober 2007	GUATEMALA	töödeldud toit ja jook, puuviljanektarid	inimeste tervise kaitse, tarbijapettuste ennetamine	60 päeva
G/TBT/N/JPN/222 26. oktoober 2007	JAAPAN	narkootilised ained	muudatused seadusandluses	1. detsember 2007
G/TBT/N/JPN/223 26. oktoober 2007	JAAPAN	raadioseadmed	tehnilised nõuded	31. detsember 2007
G/TBT/N/JPN/224 26. oktoober 2007	JAAPAN	kemikaalid	muudatused seadusandluses	30 päeva
G/TBT/N/USA/308 26. oktoober 2007	USA	valgustustooted (HS: 8539; ICS: 12.020, 13.030, 29.140)	keskkonnakaitse	-
G/TBT/N/CAN/217 29. oktoober 2007	KANADA	retseptiga veterinaarravimid (ICS: 11.220)	loomatervis	17. detsember 2007
G/TBT/N/CAN/ 218, 219 29. oktoober 2007	KANADA	inimestele mõeldud retseptiravimid (ICS: 11.120)	inimeste tervise kaitse	17. detsember 2007
G/TBT/N/KOR/163 29. oktoober 2007	KOREA VABARIIK	ravimid	tarbijainfo	24. detsember 2007
G/TBT/N/TPKM/52 29. oktoober 2007	TAIWANI, PENGHU, KINMENI JA MATSU ERADI TOLLI- TERRITÓORIUM	päikesepillid (HS: peatükk 90)	tarbijakaitse	60 päeva

G/TBT/N/USA/309 29. oktoober 2007	USA	(käsi)tulirelvad (HS: 9303) (ICS: 13.310, 95.020)	inimeste elu ja tervise kaitse	-
G/TBT/N/USA/310 29. oktoober 2007	USA	erinevad tooted (HS: 8504.10, 8418.10) (ICS: 97.130, 97.100, 29.140, 13.020)	keskkonnakaitse	-
G/TBT/N/EEC/166 30. oktoober 2007	EUROOPA ÜHENDUSED	värvides sisalduv 2-(2- methoxyethoxy)etanool (DEGME); pihustatavates värvides leiduv - 2-(2- butoxyethoxy)etanool (DEGBE); - methylenediphenyl diisocyanate (MDI); - cyclohexane - väetistes leiduv ammooniumnitraat	nõuded	60 päeva
G/TBT/N/THA/ 248, 249 31. oktoober 2007	TAI	raadiosideadmed (ICS: 33.060; HS: 8526)	ohutus	60 päeva



# 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 huvitatul võimalik tutvuda standardite kavanditega, esitada kommentaare ning teha ettepanekuid parandusteks.

Arvamusküsitlusele on esitatud:

1. Euroopa ja rahvusvahelised standardid ning standardikavandid, mis on kavas vastu võtta Eesti standarditeks jõustumisteatega.

Kavandid on kättesaadavad reeglina inglise keeles EVS klienditeeninduses ning standardiosakonnas. EVS tehnilistel komiteedel on võimalik saada koopiaid oma käsitusala kokkulangevatest standardite kavanditest EVS kontaktisiku kaudu.

2. Eesti algupäraste standardite kavandid, mis Eesti standardimisprogrammi järgi on jõudnud arvamusküsitluse etappi. Kavanditega saab tutvuda ning neid osta

Eesti Standardikeskuse klienditeeninduses  
[standard@evs.ee](mailto:standard@evs.ee)

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

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

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

Vastavad vormid arvamuse avaldamiseks Euroopa ja rahvusvaheliste standardikavandite ning algupäraste Eesti standardikavandite kohta leiate EVS koduleheküljelt [www.evs.ee](http://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. Füüsikalised 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 Maanteeõidukite 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**

#### **EVS-EN 15178:2007**

Hind 104,00

Identne EN 15178:2007

#### **Elements for the identification of products in emergency inquiries**

This European Standard specifies requirements for an area on the packaging – the product identification field – marked by a symbol, where clear product identification element(s) is (are) present. This standard applies to products that are the subject of emergency enquiries to the poison information centres.

Keel en

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **EN 923:2005/prA1**

Identne EN 923:2005/prA1:2007

Tähtaeg 30.12.2007

#### **Adhesives - Terms and definitions**

This European Standard defines terms used in the adhesive industry and terms relating to adhesives in those industries that use adhesives.

Keel en

#### **prEN 1317-1 rev**

Identne prEN 1317-1:2007

Tähtaeg 30.12.2007

#### **Teepiirdesüsteemid. Osa 1: Terminoloogia ja katsemeetodite üldkriteeriumid**

Käesolev Euroopa standard esitab selle standardi muudes osades maanteesõidukite piirdesüsteemide ja jalakäijate piirdesüsteemide käsitlemisel kasutatavate põhimõistete määratlused. Samuti määrab standard kindlaks katsemeetodite üldnormid. Teatmelisad B ja C annavad teavet kokkupõrke tagajärjel tekkiva kineetilise energia ja sõiduki kiirenduse kohta.

Keel en

Asendab EVS-EN 1317-1:1999

#### **prEN 12374 rev**

Identne prEN 12374:2007

Tähtaeg 30.12.2007

#### **Pakend. Painduvad tuubid. Terminoloogia**

Standard määratleb painduvate tuubide kohta laialdaselt kasutatava tehnilise terminoloogia saksa, inglise ja prantsuse keeles. See on rakendatav plastist või ühekihilisest metallist painduvatele tuubidele ning mitmekihilistele või lamineeritud tuubidele, mida kasutatakse farmaatsia-, kosmeetika-, hügieenitoodete, toiduainete ja teiste majapidamis- ning tööstusloodete pakkimiseks.

Keel en

Asendab EVS-EN 12374:1999

#### **prEN 12859 rev**

Identne prEN 12859:2007

Tähtaeg 30.12.2007

#### **Kipsplokid. Määratlused, nõuded ja katsemeetodid**

This European Standard specifies the characteristics and performance of gypsum blocks with smooth faces for which the main intended uses are construction of non-load bearing partitions or independent wall linings and the fire protection of columns, lift shafts, etc. The gypsum blocks are not used to build ceilings. It covers the following performance characteristics related to the essential requirements:

- reaction to fire;
  - resistance to fire;
  - direct airborne sound insulation;
  - release of dangerous substances;
- to be measured according to the corresponding European test methods, as well as:
- thermal resistance,
- to be calculated from the thermal conductivity values given in 4.3.2.

It describes the reference tests for technical specifications.

Keel en

Asendab EVS-EN 12859:2002

#### **prEN ISO 772 rev**

Identne prEN ISO 772:2007

ja identne ISO/DIS 772:2007

Tähtaeg 30.12.2007

#### **Hydrometric determinations - Vocabulary and symbols**

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

Keel en

Asendab EVS-EN ISO 772:2000

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

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **ISO/IEC 20000-2**

ja identne ISO/IEC 20000-2:2005

Tähtaeg 29.11.2007

#### **Infotehnoloogia. Teenuste haldus. Osa 2: Praktiline tegevusjuhend**

Standardi see osa käsitleb IT teenuste haldusprotsesside kvaliteedistandardite tööstuslikku konsensust. Käesolevad teenuste halduse protsessid tarnivad kliendi ärivajadustele vastava parima võimaliku teenuse, mis jääb kokkulepitud ressursside piiresse, nt teenuse, mis on professionaalne, kulutasuv ja milles saadakse riskidest aru ning neid hallatakse.

## ISO/IEC 20000-1

ja identne ISO/IEC 20000-1:2005

Tähtaeg 29.11.2007

### Infotehnoloogia. Teenuste haldus. Osa 1:

#### Spetsifikatsioon

See osa ISO/IEC 20000 standardist määratleb teenusepakkujale esitatud nõuded kliendile vastuvõetava kvaliteediga hallatud teenuste tarnimiseks oma klientidele. Seda võivad kasutada: a) ettevõtted, mis koostavad pakkumiskutse teenuste sisseostmiseks; b) ettevõtted, mis vajavad ühilduvat lähenemisviisi kõigis tarneahelas asuvate teenusepakkujate poolt; c) teenusepakkujad, et võrdlevalt analüüsida oma IT teenuste haldust; d) ettevõtteid iseseisvaks hindamiseks; e) organisatsioon, millel on vaja demonstreerida suotlikkust pakkuda kliendi nõuetele vastavaid teenuseid; ja f) organisatsioon, mille eesmärk on teenust edasi arendada läbi protsesside tulemusliku rakendamise, teenuse seire ja teenuste kvaliteedi juhtimise.

#### prCEN/TS 15722

Identne prCEN/TS 15722:2007

Tähtaeg 30.12.2007

#### Road transport and traffic telematics - ESafety - ECall minimum set of data (MSD)

This Technical Specification defines the standard data concepts that comprise the "Minimum Set of Data" to be transferred from a vehicle to a "Public Safety Answering Point" (PSAP) in the event of a crash or emergency via an "eCall" communication session.

Keel en

#### prEN 9101

Identne prEN 9101:2007

ja identne ISO 9001:2000

Tähtaeg 30.12.2007

#### Aerospace series - Quality management systems - Assessment

The purpose of this document is to define the content and the presentation of the Assessment Report for the EN 9100 standard.

Keel en

#### prEN 15733

Identne prEN 15733:2007

Tähtaeg 30.12.2007

#### Services of Real Estate Agents - Requirements for the provision of the services of real estate agents

This European Standard specifies requirements for the services of real estate agents.

Keel en

#### prEN ISO 9001 rev

Identne prEN ISO 9001:2007

ja identne ISO/DIS 9001:2007

Tähtaeg 30.12.2007

#### Kvaliteedijuhtimissüsteemid. Nõuded

This International Standard specifies requirements for a quality management system where an organization a) needs to demonstrate its ability to consistently provide product that meets customer and applicable statutory and regulatory requirements, and b) aims to enhance customer satisfaction through the effective application of the system, including processes for continual improvement of the system and the assurance of conformity to customer and applicable statutory and regulatory requirements.

Keel en

Asendab EVS-EN ISO 9001:2001

## 07 MATEMAATIKA. LOODUSTEADUSED

### UUED STANDARDID

#### ISO/TS 19036:2007

Hind 162,00

ja identne ISO/TS 19036:2006

#### Microbiology of food and animal feeding stuffs - Guidelines for the estimation of measurement uncertainty for quantitative determinations.

This Technical Specification gives guidance for the estimation and expression of measurement uncertainty (MU) associated with quantitative results in food microbiology. It is applicable to the quantitative analysis of products intended for human consumption and the feeding of animals, and of environmental samples in the area of food production and food handling, typically carried out by enumeration of microorganisms using a colony-count technique, but applicable also to quantitative analysis by alternative instrumental methods. This Technical Specification is not applicable to: enumeration using a most probable number technique, or the analysis of low levels of microorganisms. In this Technical Specification, MU associated with "low" numbers of organisms 1), as described by ISO 7218, is not estimated due to a lack of a simple agreed approach to cover this case. The approach of this Technical Specification is a global approach, based on the standard deviation of reproducibility of the final result of the measurement.

Keel en

### KAVANDITE ARVAMUSKÜSITLUS

#### prEN ISO 22118

Identne prEN ISO 22118:2007

ja identne ISO/DIS 22118:2007

Tähtaeg 30.12.2007

#### Microbiology of food and animal feeding stuffs - Polymerase chain reaction (PCR) for the detection of food-borne pathogens - Performance characteristics of molecular detection methods

This standard is applicable to the detection of food-borne pathogens in foodstuffs and isolates obtained from them using molecular detection methods, e.g. polymerase chain reaction (PCR). The standard describes minimum requirements of performance characteristics for the detection of nucleic acid sequences (DNA or RNA) by molecular methods.

Keel en

### **prEN ISO 22119**

Identne prEN ISO 22119:2007  
ja identne ISO/DIS 22119:2007  
Tähtaeg 30.12.2007

#### **Microbiology of food and animal feeding stuffs - Real-time polymerase chain reaction (PCR) for the detection of food-borne pathogens - General requirements and definitions**

This standard is applicable to the detection of food-borne pathogens in foodstuffs, and isolates obtained from them, using the polymerase chain reaction (PCR). The standard describes requirements for the amplification and detection of nucleic acid sequences (DNA or RNA after reverse transcription) by real-time PCR. The minimum requirements laid down in the standard provide the basis for comparable and reproducible results in individual and between different laboratories.

Keel en

## **11 TERVISEHOOLDUS**

### **UUED STANDARDID**

#### **EVS-EN ISO 5356-2:2007**

Hind 113,00  
Identne EN 5356-2:2007  
ja identne ISO 5356-2:2006

#### **Anesteesia- ja hingamisaparatuur. Koonilised konnektorid. Osa 2: Keermestatud kandvad tugikonnektorid**

This part of ISO 5356 specifies requirements for screw-threaded weight-bearing conical connectors intended for use with inhalation anaesthesia apparatus and ventilators; such connectors are intended for mounting heavy accessories.

Keel en

#### **EVS-EN ISO 8835-2:2007**

Hind 190,00  
Identne EN ISO 8835-2:2007  
ja identne ISO 8835-2:2007

#### **Inhalational anaesthesia systems - Part 2: Anaesthetic breathing systems for adults**

Käesolev standard sätestab erinõuded moodulitele, mida, kuigi neid on peetud üksikseadisteks oma iseseisvate õigustega, võib kasutada koos teiste juurdekuuluvate seadistega, mis kokku moodustavad antud iseloomustusele vastava anesteesiatöökoha.

Keel en

Asendab EVS-EN 740:1999; EVS-EN 740:1999/A1:2004

#### **EVS-EN ISO 8835-3:2007**

Hind 190,00  
Identne EN ISO 8835-3:2007  
ja identne ISO 8835-3:2007

#### **Inhalational anaesthesia systems - Part 3: Transfer and receiving systems of active anaesthetic gas scavenging systems**

Käesolev standard sätestab erinõuded moodulitele, mida, kuigi neid on peetud üksikseadisteks oma iseseisvate õigustega, võib kasutada koos teiste juurdekuuluvate seadistega, mis kokku moodustavad antud iseloomustusele vastava anesteesiatöökoha.

Keel en

Asendab EVS-EN 740:1999; EVS-EN 740:1999/A1:2004

### **EVS-EN ISO 10939:2007**

Hind 113,00  
Identne EN ISO 10939:2007  
ja identne ISO 10939:2007

#### **Oftalmilised instrumendid. Pilulampmikroskoobid**

Käesolev rahvusvaheline standard koos standardiga ISO 15004 esitab nõuded ja testimismeetodid pilulampmikroskoopidele, et tagada silma ja silmamanuste piluvalgustus ning vaatlus suurenduse all. See rahvusvaheline standard ei kehti mikroskoobi lisaseadmete kohta, n.t. fotografeerimisseadmete ja laserite kohta.

Keel en

Asendab EVS-EN ISO 10939:1999

#### **EVS-EN ISO 11334-1:2007**

Hind 162,00  
Identne EN ISO 11334-1:2007  
ja identne ISO 11334-1:2007

#### **Ühe käega käsitletavate käimise abivahendid. Nõuded ja katsemetodid. Osa 1: Künarnukitoega kargud**

This part of ISO 11334 specifies requirements and test methods for elbow crutches fully equipped with handgrip and tip. The methods specify testing of separation, static load capacity, fatigue and resistance to low temperature embrittlement. This part of ISO 11334 also gives the requirements relating to safety, ergonomics, performance, and information to be supplied by the manufacturer, including marking and labelling. The requirements and tests are based on every-day usage of elbow crutches when performing the throughswing gait, for a maximum user mass as specified by the manufacturer. This part of ISO 11334 is applicable to elbow crutches specified for a user mass of not less than 35 kg. Requirements and test methods for friction of rubber tips against the walking surface are dealt with separately.

Keel en

Asendab EVS-EN ISO 11334-1:1999

#### **EVS-EN ISO 11608-4:2007**

Hind 141,00  
Identne EN ISO 11608-4:2007  
ja identne ISO 11608-4:2006

#### **Pen-injectors for medical use - Part 4: Requirements and test methods for electronic and electromechanical pen-injectors**

This part of ISO 11608 specifies requirements and test methods for electromechanically driven injectors intended to be used with needles and with replaceable or non-replaceable cartridges. The injector may be for single-use or multiple-use. The injector system is intended to deliver medication to an end-user by self-administration or with assistance. This part of ISO 11608 is neither applicable for needle-free injectors (as covered in ISO 21649) nor infusion pumps (as covered in IEC 60601-2-24). This part of ISO 11608 is not applicable for devices that are capable of operating while connected to an external power supply.

Keel en

#### **EVS-ISO 15190:2007**

Hind 221,00  
ja identne ISO 15190:2003

#### **Medical laboratories- Requirements for safety.**

This International Standard specifies requirements for safe practices in the medical laboratory.

Keel en

## **ASENDATUD VÕI TÜHISTATUD STANDARDID**

### **EVS-EN ISO 10939:1999**

Identne EN ISO 10939:1998+AC:2000

ja identne ISO 10939:1998

#### **Oftalmilised instrumendid. Pilulampmikroskoobid**

Käesolev rahvusvaheline standard koos standardiga ISO 15004 esitab nõuded ja testimismeetodid pilulampmikroskoopidele, et tagada silma ja silmamanuste piluvalgustus ning vaatlus suurenduse all. See rahvusvaheline standard ei kehti mikroskoobi liseseadmete kohta, n.t. fotografeerimiseseadmete ja laserite kohta.

Keel en

Asendatud EVS-EN ISO 10939:2007

### **EVS-EN ISO 11334-1:1999**

Identne EN ISO 11334-1:1997

ja identne ISO 11334-1:1994

#### **Ühe käega käsitletavate käimise abivahendid.**

##### **Nõuded ja katsemehodid. Osa 1: Künarnukitoega kargud**

Standardi käesolev osa esitab nõuded ja testimismeetodid käehaardepideme ja haakeotsaga täielikult varustatud künarnukitoega karkudele. Meetodid määravad kindlaks väsimuse, lahtitulemise, staatilise kandevoime ja madala temperatuuri hapraks muutvale toimele vastupidavuse testimise. Standardi käesolev osa annab ka nõuded, mis on seotud ohutusega, ergonoomikaga, talitlusega, märgistusega ja sildiga märgistamisega. Testid põhinevad künarnukitoega karkude igapäevasel kasutamisel, kui kõndimist sooritatakse läbi hooglemise.

Keel en

Asendatud EVS-EN ISO 11334-1:2007

## **KAVANDITE ARVAMUSKÜSITLUS**

### **prEN 1865-1 rev**

Identne prEN 1865-1:2007

Tähtaeg 30.12.2007

#### **Kiirabiautodes kasutatavate kanderaamide ja teiste patsiendi transpordi abivahendite spetsifikatsioonid**

Käesolev standard sätestab kiirabiautodes kasutatavatele kanderaamidele ja teistele patsiendi transpordi abivahenditele esitatavaid miinimumnõuded niisugusel viisil, et lisakahjustuste tekke võimalus oleks minimaalne.

Keel en

Asendab EVS-EN 1865:2000

### **prEN 80601-2-58**

Identne prEN 80601-2-58:2007

ja identne IEC 80601-2-58:200X

Tähtaeg 30.12.2007

#### **Medical electrical equipment -- Part 2-58: Particular requirements for basic safety and essential performance of lens removal devices and vitrectomy device for ophthalmic surgery**

This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of LENS REMOVAL DEVICES and VITRECTOMY DEVICES for ophthalmic surgery [as defined in 201.3.208 and 201.3.217] and associated ACCESSORIES that can be connected to this MEDICAL ELECTRICAL EQUIPMENT, hereafter referred to as ME EQUIPMENT. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this standard are not covered by specific requirements in this standard except in 7.2.13 and 8.4.1 of the general standard.

Keel en

### **prEN ISO 7376 rev**

Identne prEN ISO 7376:2007

ja identne ISO/DIS 7376:2007

Tähtaeg 30.12.2007

#### **Anesteesia- ja respiratoorseadmed. Larüngoskoobid trahhea intubeerimiseks**

This International Standard specifies general requirements for laryngoscopes used for intubation and critical dimensions for the handle and lamp of hook-on type laryngoscopes. It also addresses the interchangeability of blades and handles. It is applicable only to instruments with an internal battery-operated power source for illuminating the larynx, since electrical safety requirements may be more stringent for instruments connected to mains or external power packs. This International Standard is not applicable to surgical instruments known by the same generic name.

This International Standard does not apply to:

- flexible laryngoscopes, or laryngoscopes designed for surgery;
- laryngoscopes powered from mains electricity supply;
- laryngoscopes connected by light-transmitting cables to external light sources.

NOTE Instruments connected by light guides to an external light source may be subject to other International Standards for endoscopes.

Keel en

Asendab EVS-EN ISO 7376:2004

### **prEN ISO 8536-1 rev**

Identne prEN ISO 8536-1:2007

ja identne ISO 8536-1:2006

Tähtaeg 30.12.2007

#### **Infusion equipment for medical use - Part 1: Infusion glass bottles**

This part of ISO 8536 specifies the dimensions, performance and requirements of infusion glass bottles necessary to ensure functional interchangeability. It is applicable only to infusion bottles for single use.

Keel en

Asendab EVS-EN ISO 8536-1:2003

### **prEN ISO 9187-1 rev**

Identne prEN ISO 9187-1:2007

ja identne ISO 9187-1:2006

Tähtaeg 30.12.2007

#### **Injection equipment for medical use - Part 1: Ampoules for injectables**

This part of ISO 9187 specifies materials, dimensions, capacities, performance and packaging requirements for three forms of glass ampoule (forms B, C and D) for injectable pharmaceutical products. It is applicable to ampoules with and without a colour break-ring. The provision of ampoules with a colour break-ring, and the choice of colour of the break-ring, is subject to agreement between the manufacturer and user. Ampoules complying with this part of ISO 9187 are intended for single use only.

Keel en

Asendab EVS-EN ISO 9187-1:2003

### **prEN ISO 11979-4 rev**

Identne prEN ISO 11979-4:2007

ja identne ISO/DIS 11979-4:2007

Tähtaeg 30.12.2007

#### **Ophthalmic implants - Intraocular lenses - Part 4: Labelling and information**

This part of ISO 11979 specifies the labelling requirements for intraocular lenses (IOLs) and the information to be provided within or on the packaging. NOTE This International Standard attempts to harmonize the recognized labelling requirements for IOLs throughout the world. However, there may be additional national requirements.

Keel en

Asendab EVS-EN ISO 11979-4:2000

### **prEN ISO 16061 rev**

Identne prEN ISO 16061:2007

ja identne ISO/DIS 16061:2007

Tähtaeg 30.12.2007

#### **Instrumentation for use in association with non-active surgical implants - General requirements**

Käesolev standard esitab üldnõuded instrumentidele, mida kasutatakse seoses mitteaktiivsete kirurgiliste implantaatidega. Need nõuded kehtivad instrumentide kohta, mis on tööstuslikult toodetud ning mis on pärast uuendamist tagasi hangitud.

Keel en

Asendab EVS-EN 12011:1999

### **prEN ISO 26782**

Identne prEN ISO 26782:2007

ja identne ISO/DIS 26782:2007

Tähtaeg 30.12.2007

#### **Anaesthetic and respiratory equipment - Spirometers intended for the assessment of pulmonary function in humans**

This International Standard specifies requirements for spirometers intended for the assessment of pulmonary function in humans weighing more than 10 kg. This International Standard applies to spirometers that measure timed forced expired volumes, either as part of an integrated lung function device or as a stand-alone device, irrespective of the transduction method employed. Devices intended for continuously monitoring patients are outside the scope of this standard.

Keel en

## **13 KESKKONNA- JA TERVISEKAITSE. OHUTUS**

### **UUED STANDARDID**

#### **CEN/TR 15353:2007**

Hind 113,00

Identne CEN/TR 15353:2007

#### **Plastics - Recycled plastics - Guidelines for the development of standards for recycled plastics**

This Technical Report provides a format for the drafting of standards for recycled plastics. It is intended for use by all those who are preparing drafts for consideration by the Technical Committee. The guide provides information for the development of standards (guides, practices, test methods, and specifications) relating to the proper use of recycled plastics.

Keel en

#### **EVS-EN 3-7:2004+A1:2007**

Hind 233,00

Identne EN 3-7:2004+A1:2007

#### **Portable fire extinguishers - Part 7: Characteristics, performance requirements and test methods KONSOLIDEERITUD TEKST**

This standard specifies the characteristics, performance requirements and test methods for portable fire extinguishers. Reference to the suitability of an extinguisher for use on gaseous fires (class C fires) are at the manufacturer's discretion, but are applied only to powder type extinguishers which have gained a class B or class A and class B rating

Keel en

Asendab EVS-EN 3-7:2004

#### **EVS-EN 343:2003+A1:2007**

Hind 132,00

Identne EN 343:2003+A1:2007

#### **Kaitserõivad. Kaitse vihma eest KONSOLIDEERITUD TEKST**

This European Standard specifies requirements and test methods applicable to materials and seams of protective clothing against the influence of precipitation (e. g. rain, snowflakes), fog and ground humidity. The testing of rain proofness of ready made garments is excluded in this standard at this time because a separate test method for such a property is currently being prepared

Keel en

Asendab EVS-EN 343:2003

#### **EVS-EN 1077:2007**

Hind 141,00

Identne EN 1077:2007

#### **Helmets for alpine skiers and snowboarders**

Käesolev Euroopa standard on kohaldatav mäesuusatajate, lapsed ja võistlustest osavõtjad kaasa arvatud, kiivrite miinimumtöökarakteristikute ja testide kohta.

Keel en

Asendab EVS-EN 1077:1999

**EVS-EN 1497:2007**

Hind 113,00

Identne EN 1497:2007

**Personal fall protection equipment - Rescue harnesses**

This European Standard specifies requirements, test methods, marking and information supplied by the manufacturer for rescue harnesses. Rescue harnesses conforming to this European Standard are used as components of rescue systems, which are personal fall protection systems.

Keel en

Asendab EVS-EN 1497:2000

**EVS-EN 1866-1:2007**

Hind 162,00

Identne EN 1866-1:2007

**Mobile fire extinguishers - Part 1: Characteristics, performance and test methods**

This European Standard specifies the rules of design, type testing and inspection during manufacturing, ratings and classification of mobile fire extinguishers and test method to be used. It applies to mobile fire extinguishers with a total mass above 20 kg for powder, water based and CO2 extinguishers. This standard applies to mobile fire extinguishers that are manoeuvred by an operator on foot only.

Keel en

Asendab EVS-EN 1866:2006

**EVS-EN 1991-1-2/NA:2007**

Hind 62,00

Identne EN 1991-1-2:2002/NA:2006

**Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-2: Üldkoormused.****Tulekahjukoormus. Eesti rahvuslik lisa NA**

Eesti standardi rahvuslik lisa, mis sisaldab Euroopa standardi EN 1991-1-2 rahvuslikult määratud parameetreid ja protseduure, mida tuleb kasutada Eestis ehitatavate hoonete ja rajatiste projekteerimisel.

Keel et

**EVS-EN 1991-1-2:2007**

Hind 268,00

Identne EN 1991-1-2:2002+NA:2007

**Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-2: Üldkoormused.****Tulekahjukoormus. SISALDAB RAHVUSLIKKU LISA**

Standardi EVS-EN 1991 käesolevas osas 1-2 kirjeldatud meetodeid rakendatakse hoonete projekteerimisel, millele mõjuvad hoonest endast ja selle kasutusviisist tingitud tulekahjukoormused.

Keel et

**EVS-EN 1993-1-2:2007**

Hind 286,00

Identne EN 1993-1-2 :2005 + AC:2005+NA:2007

**Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-2: Üldeeskirjad.****Tulepüsivusarvutus. SISALDAB RAHVUSLIKKU LISA**

EN 1993-1-2 käsitleb teraskonstruksioonide arvutust erakorralises tulekahjuolukorras ja on ette nähtud kasutamiseks koos standarditega EN 1993-1-1 ja EN 1991-1-2. EN 1993 selgitab vaid erinevusi ja täiendusi tavalise temperatuuriarvutusega võrreldes.

Keel et

**EVS-EN 1993-1-2/NA:2007**

Hind 62,00

Identne EN 1993-1-2 :2005/NA:2007

**Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-2: Üldreeglid.****Tulepüsivusarvutus. Eesti rahvuslik lisa NA**

Eesti standardi rahvuslik lisa, mis sisaldab Euroopa standardi EN 1993-1-2 rahvuslikult määratud parameetreid ja protseduure, mida tuleb kasutada Eestis ehitatavate hoonete ja rajatiste projekteerimisel.

Keel et

**EVS-EN 15178:2007**

Hind 104,00

Identne EN 15178:2007

**Elements for the identification of products in emergency inquiries**

This European Standard specifies requirements for an area on the packaging – the product identification field – marked by a symbol, where clear product identification element(s) is (are) present. This standard applies to products that are the subject of emergency enquiries to the poison information centres.

Keel en

**EVS-EN 15188:2007**

Hind 141,00

Identne EN 15188:2007

**Ladestunud tolmu iseenesliku süttmiskäitumise määramine**

This European Standard specifies analysis and evaluation procedures for determining self-ignition temperatures (TSI) of combustible dusts or granular materials as a function of volume by hot storage experiments in ovens of constant temperature. The specified test method is applicable to any solid material for which the linear correlation of  $\lg(V/A)$  versus the reciprocal self-ignition temperature  $1/TSI$  (with TSI in K) holds (i.e. not limited to only oxidatively unstable materials).

Keel en

**EVS-EN 15198:2007**

Hind 132,00

Identne EN 15198:2007

**Potentsiaalselt plahvatusohtlikes keskkondades kasutamiseks mõeldud mitteelektrilise seadmestiku ja komponentide riskihindamise meetodika**

This European Standard specifies basic methodology used in achieving safety of equipment for intended use in potentially explosive atmospheres. The provisions specified in this European Standard are intended for the designer. It also specifies a strategy for standard makers. This European Standard specifies the procedure and information required to allow ignition risk assessment to be carried out for the design of equipment or component.

Keel en



**EVS-EN 15233:2007**

Hind 162,00

Identne EN 15233:2007

**Potensiaalselt plahvatusohtlike keskkondade kaitsesüsteemide funktsionaalse ohutuse hindamise meetodika**

This European Standard provides guidance on the procedure and information required to allow functional safety assessment to be carried out for the design of protective systems. The purpose of this European Standard is to assist technical standardisation committees responsible for specific families of protective systems in preparing safety standards. Such standards shall be as homogenous as possible and shall have the basic structure of functional safety assessment as it is stated in this standard. If there are no specific standards for a particular protective system, manufacturer shall use this standard for functional safety assessment of this protective system.

Keel en

**EVS-EN ISO 8192:2007**

Hind 180,00

Identne EN ISO 8192:2007

ja identne ISO 8192:2007

**Vee kvaliteet. Katse aktiivmuda hapnikutarbe vähendamise määramiseks**

This International Standard specifies a method for assessing the inhibitory effect of a test material on the oxygen consumption of activated sludge microorganisms. This method is intended to represent the conditions in biological waste-water treatment plants. It gives information on inhibitory or stimulatory effects after a short exposure (usually 30 min up to 180 min or even more) of the test material on activated sludge microorganisms. This method is applicable for testing waters, waste waters, pure chemicals and mixtures of chemicals. Concerning the chemicals, the method refers to those which are soluble under the test conditions. Special care is necessary with materials of low water solubility, high volatility and with materials abiotically consuming or producing oxygen.

Keel en

Asendab EVS-EN ISO 8192:1999

**EVS-EN ISO 9241-400:2007**

Hind 221,00

Identne EN ISO 9241-400:2007

ja identne ISO 9241-400:2007

**Ergonomics of human-system interaction - Part 400: Principles and requirements for physical input devices**

This part of ISO 9241 gives guidelines for physical input devices for interactive systems. It provides guidance based on ergonomic factors for the following input devices: keyboards, mice, pucks, joysticks, trackballs, trackpads, tablets and overlays, touch sensitive screens, styli, light pens, voice controlled devices, and gesture controlled devices. This part of ISO 9241 defines and formulates ergonomic principles valid for the design and use of input devices. These principles are to be used to generate recommendations for the design of products and for their use. This part of ISO 9241 defines relevant terms for the entire 400 series of ISO 9241. For some applications, e.g. in areas where safety is the major concern, other additional principles may apply and take precedence over the guidance given here.

Keel en

**EVS-EN ISO 14121-1:2007**

Hind 199,00

Identne EN ISO 14121-1:2007

ja identne ISO 14121-1:2007

**Masinate ohutus. Riskide hindamine. Osa 1: Põhimõtted**

This part of ISO 14121 establishes general principles intended to be used to meet the risk reduction objectives established in ISO 12100-1:2003, Clause 5. These principles of risk assessment bring together knowledge and experience of the design, use, incidents, accidents and harm related to machinery in order to assess the risks posed during the relevant phases of the life cycle of a machine. This part of ISO 14121 provides guidance on the information that will be required to enable risk assessment to be carried out. Procedures are described for identifying hazards and estimating and evaluating risk. It also gives guidance on the making of decisions relating to the safety of machinery and on the type of documentation required to verify the risk assessment carried out. It is not applicable to risks posed to domestic animals, property or the environment.

Keel en

Asendab EVS-EN 1050:2000

**EVS-EN ISO 14855-1:2007**

Hind 180,00

Identne EN ISO 14855-1:2007

ja identne ISO 14855-1:2005

**Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions - Method by analysis of evolved carbon dioxide - Part 1: General method**

This part of ISO 14855 specifies a method for the determination of the ultimate aerobic biodegradability of plastics, based on organic compounds, under controlled composting conditions by measurement of the amount of carbon dioxide evolved and the degree of disintegration of the plastic at the end of the test. This method is designed to simulate typical aerobic composting conditions for the organic fraction of solid mixed municipal waste. The test material is exposed to an inoculum which is derived from compost. The composting takes place in an environment wherein temperature, aeration and humidity are closely monitored and controlled. The test method is designed to yield the percentage conversion of the carbon in the test material to evolved carbon dioxide as well as the rate of conversion.

Keel en

Asendatud EVS-EN ISO 14855:2004

### **EVS-EN ISO 16000-5:2007**

Hind 162,00

Identne EN ISO 16000-5:2007

ja identne ISO 16000-5:2007

#### **Indoor air - Part 5: Measurement strategy for volatile organic compounds (VOCs)**

This part of ISO 16000 is intended as an aid to planning volatile organic compound (VOC) indoor pollution measurements. In the case of indoor air measurements, the careful planning of sampling and the entire measurement strategy are of particular significance since the result of the measurement may have far-reaching consequences, for example, with regard to the need for remedial action or the success of such an action. An inappropriate measurement strategy may contribute to the complete uncertainty of the measurement result in a larger extent than the measurement procedure itself.

Keel en

### **EVS-EN ISO 16000-7:2007**

Hind 199,00

Identne EN ISO 16000-7:2007

ja identne ISO 16000-7:2007

#### **Indoor air - Part 7: Sampling strategy for determination of airborne asbestos fibre concentrations**

This part of ISO 16000 specifies procedures to be used in planning of air measurements to determine the concentrations of asbestos in indoor atmospheres. Careful planning of the measurement strategy is important, because the results can become the basis of recommendations for major building renovations, or for the return of a building to normal occupancy status after removal of asbestos-containing materials.

Keel en

### **ASENDATUD VÕI TÜHISTATUD STANDARDID**

#### **EVS-EN 3-7:2004**

Identne EN 3-7:2004

#### **Portable fire extinguishers - Part 7: Characteristics, performance requirements and test methods**

This standard specifies the characteristics, performance requirements and test methods for portable fire extinguishers. Reference to the suitability of an extinguisher for use on gaseous fires (class C fires) are at the manufacturer's discretion, but are applied only to powder type extinguishers which have gained a class B or class A and class B rating

Keel en

Asendab EVS-EN 3-1:1998; EVS-EN 3-2:1998; EVS-EN 3-4:1998; EVS-EN 3-5:1998

Asendatud EVS-EN 3-7:2004+A1:2007

#### **EVS-EN 343:2003**

Identne EN 343:2003

#### **Kaitserõivad. Kaitse vihma eest**

This European Standard specifies requirements and test methods applicable to materials and seams of protective clothing against the influence of precipitation (e. g. rain, snowflakes), fog and ground humidity. The testing of rain proofness of ready made garments is excluded in this standard at this time because a separate test method for such a property is currently being prepared

Keel en

Asendab EVS-ENV 343:1999

Asendatud EVS-EN 343:2003+A1:2007

### **EVS-EN 1050:2000**

Identne EN 1050:1996

#### **Masinate ohutus. Riski hindamise põhimõtted**

Standard sätestab ohu hindamise üldpõhimõtted. Seadmete konstruktsiooni, kasutamise, vahejuhtumite, õnnetuste ja kahjulikkusega seonduvaid teadmisi ja kogemusi kasutatakse ohtude hindamiseks igal etapil seadme kasutusaja jooksul. Standard annab suuniseid, millist infot on vajalik arvestada ohu hindamisel. Kirjeldatakse meetmeid, mis võimaldavad ohtusid ära tunda, hinnata ja ohu suurust määrata. Standardi eesmärk on anda nõu seadmete ohutust puudutavate otsuste tegemisel.

Keel et

Asendatud EVS-EN ISO 14121-1:2007

#### **EVS-EN 1497:2000**

Identne EN 1497:1996

#### **Päästevarustus. Päästerakmed**

Standard esitab päästerakmetele kehtestatud nõuded, testimismeetodid, kasutusjuhised ja märgistuse. Päästerakmed ei ole individuaalse kaitsevarustuse osa, mis kaitseks kõrgusest kukkumise eest.

Keel en

Asendatud EVS-EN 1497:2007

#### **EVS-EN 1866:2006**

Identne EN 1866:2005

#### **Mobiilsed tulekustutid**

This document specifies the rules of design, type testing and inspection during manufacturing, ratings and classification of mobile fire extinguishers and test method to be used.

Keel en

Asendab EVS-EN 1866:1999

Asendatud EVS-EN 1866-1:2007; prEN 1866-3 rev; prEN 1866-2 rev

#### **EVS-EN 1991-1-2:2006**

Identne EN 1991-1-2:2002

#### **Eurokoodeks 1: Ehituskonstruktsioonide koormused. Osa 1-2: Üldkoormused.**

#### **Tulekahjukoormus. EI SISALDA RAHVUSLIKKU LISA**

Standardi EVS-EN 1991 käesolevas osas 1-2 kirjeldatud meetodeid rakendatakse hoonete projekteerimisel, millele mõjuvad hoonest endast ja selle kasutusviisist tingitud tulekahjukoormused.

Keel et

Asendatud EVS-EN 1991-1-2:2007

#### **EVS-EN 1993-1-2:2006**

Identne EN 1993-1-2 :2005 + AC:2005

#### **Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 1-2: Üldeeskirjad.**

#### **Tulepüsvusarvutus. SISALDAB RAHVUSLIKKU LISA**

EN 1993-1-2 käsitleb teraskonstruktsioonide arvutust erakorralises tulekahjuolukorras ja on ette nähtud kasutamiseks koos standarditega EN 1993-1-1 ja EN 1991-1-2. EN 1993 selgitab vaid erinevusi ja täiendusi tavalise temperatuuriarvutusega võrreldes.

Keel et

Asendatud EVS-EN 1993-1-2:2007

### **EVS-EN ISO 8192:1999**

Identne EN ISO 8192:1995

ja identne ISO 8192:1986

#### **Vee kvaliteet. Katse aktiivmuda hapnikutarbe vähendamise määramiseks**

Standard esitab meetodi testitava materjali poolt aktiivmuda mikroorganismide hapnikutarbele avaldatava pidurdava toime määramiseks. Pidurdav toime võib hõlmata respiratsioonile ja nitrifikatsioonile avaldatavat toimet. On antud kaks näidet kasutamise kohta. Üks meetod on ettenähtud pinnavee tingimuste kujutamiseks ning teine on ettenähtud bioloogilise heitvee töötlemisjaamade tingimuste kujutamiseks.

Keel en

Asendatud EVS-EN ISO 8192:2007

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **CLC/prTR 62125**

Identne CLC/prTR 62125:2007

ja identne IEC/TR 62125:2007

Tähtaeg 30.12.2007

#### **Environmental statement specific to IEC/TC 20 - Electric cables**

IEC/TR 62125, which is a technical report, is intended to give assistance to standard-writers of IEC Technical Committee 20, to take into account the relevant environmental aspects as far as they are specific to electric cables in normal use. It also assists them to keep in mind a clear methodology when considering these aspects and when checking possible interaction of the normative requirements with the environment. Also, these guidelines assist standardwriters to avoid too simple or too stringent requirements that might not achieve a favourable global result. This technical report, by its very nature, is not prescriptive and does not limit innovation.

Keel en

#### **prEN 167 rev**

Identne prEN 167:2007

Tähtaeg 30.12.2007

#### **Isiklikud silmakaitsevahendid. Optilised katsemeetodid**

This European Standard specifies optical test methods for eye-protectors, the requirements for which are contained in other ENs.

Alternative methods may be used if shown to be equivalent.

Non-optical test methods are given in prEN 168.

Specifications are given in prEN 166.

A definition of terms is given in EN 165.

Keel en

Asendab prEN 167 rev

#### **prEN 168 rev**

Identne prEN 168:2007

Tähtaeg 30.12.2007

#### **Isiklikud silmakaitsevahendid. Mitteoptilised katsemeetodid**

This European Standard specifies non-optical test methods for eye-protectors, the requirements for which are contained in other European Standards.

Alternative test methods may be used if shown to be equivalent.

The optical test methods are given in prEN 167.

A definition of terms is given in EN 165.

Keel en

Asendab prEN 168 rev

### **EN 1028-2:2002/prA1**

Identne EN 1028-2:2002/prA1:2007

Tähtaeg 30.12.2007

#### **Tuletõrjepumbad. Löökpadrungiga tuletõrje tsentrifugaalpumbad. Osa 2: Üld- ja ohutusnõuete täitmise kontrollimine**

This standard covers verification of the general and safety requirements of fire-fighting centrifugal pumps with primer as specified in clauses 7 and 8 of prEN 1028-1:2001. This standard does not apply to verification related to installation. This standard does not apply to fire-fighting centrifugal pumps with primer that are manufactured before the date of publication by CEN of this standard.

Keel en

#### **EN 1992-1-2**

Identne EN 1992-1-2:2004

Tähtaeg 30.12.2007

#### **Eurokoodeks 2: Raudbetoonkonstruktsioonide projekteerimine. Osa 1-2: Üldeeskirjad.**

#### **Tulepüsvusarvutus. SISALDAB RAHVUSLIKKU LISA**

Eurocode 2 applies to the design of buildings and civil engineering works in concrete. It complies with the principles and requirements for the safety and serviceability of structures, the basis of their design and verification that are given in EN 1990 Basis of structural design.

Keel et

Asendab EVS-EN 1992-1-2:2005

#### **EN 1992-1-2/NA**

Tähtaeg 30.12.2007

#### **Eurokoodeks 2: Raudbetoonkonstruktsioonide projekteerimine. Osa 1-2: Üldeeskirjad.**

#### **Tulepüsvusarvutus. RAHVUSLIK LISA**

Eurocode 2 applies to the design of buildings and civil engineering works in concrete. It complies with the principles and requirements for the safety and serviceability of structures, the basis of their design and verification that are given in EN 1990 Basis of structural design.

Keel et

#### **EN 1994-1-2**

Identne EN 1994-1-2:2005

Tähtaeg 30.12.2007

#### **Eurokoodeks 4 - Terasest ja betoonist komposiitkonstruktsioonide projekteerimine. Osa 1-2: Üldreeglid. Tulepüsvusarvutus. SISALDAB RAHVUSLIKKU LISA**

Käesolev standardi EN 1994 osa 1-2 käsitleb betoonist ja terasest komposiitkonstruktsioonide projekteerimist tulekahjust tingitud erakordses koormusolukorras ja see on mõeldud kasutamiseks koos standarditega EN 1994-1-1 ja EN 1991-1-2. Käesolevas osas 1-2 vaadeldakse vaid normaaltemperatuuriarvutusest erinevaid või seda täiendavaid asjaolusid.

Keel et

Asendab EVS-EN 1994-1-2:2005

**EN 1994-1-2/NA**

Tähtaeg 30.12.2007

**Eurokoodeks 4 - Terasest ja betoonist komposiitkonstruktsioonide projekteerimine. Osa 1-2: Üldreeglid. Tulepüsivusarvutus. RAHVUSLIK LISA**

Käesolev standardi EN 1994 osa 1-2 käsitleb betoonist ja terasest komposiitkonstruktsioonide projekteerimist tulekahjust tingitud erakordses koormusolukorras ja see on mõeldud kasutamiseks koos standarditega EN 1994-1-1 ja EN 1991-1-2. Käesolevas osas 1-2 vaadeldakse vaid normaaltemperatuurirvutusest erinevaid või seda täiendavaid asjaolusid. See standard annab tulepüsivusklasside määramiseks vajalikud alternatiivsed protseduurid ja soovitud klasside kohta koos viitega, kus nende vahel võib teha rahvusliku valiku.

Keel et

**EN 12881-1:2005/prA1**

Identne EN 12881-1:2005/prA1:2007

Tähtaeg 30.12.2007

**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.

Keel en

**EN 12881-2:2005/prA1**

Identne EN 12881-2:2005/prA1:2007

Tähtaeg 30.12.2007

**Konveierilindid. Süttivuskatsed tulesimulatsiooniga. Osa 2: Laiaulatuslikud tulekatsed**

This document describes a method of test for the assessment of the fire propagation along a conveyor belt when the belt is exposed to a heat source.

Keel en

**EN 13501-1:2007/prA1**

Identne EN 13501-1:2007/prA1:2007

Tähtaeg 30.12.2007

**Ehitustoodete ja -elementide tuleohutusalane klassifikatsioon. Osa 1: Klassifikatsioon tuleohutusalane katsete alusel**

Standard käsitleb kõikide ehitustoodete, sealhulgas ehituselementidega ühendatud toodete tuleohutusalane klassifikatsiooni. Tooteid käsitletakse nende lõpprakenduse alusel.

Keel en

**EN 13501-2/prA1**

Identne EN 13501-2:2007/prA1:2007

Tähtaeg 30.12.2007

**Ehitustoodete ja -elementide tuleohutusalane klassifikatsioon. Osa 2: Klassifikatsioon tulepüsivuskatsete alusel, välja arvatud ventilatsioonisüsteemid**

Standardi selles osas sätestatakse ehitustoodete ja -elementide klassifitseerimist tule- ja suitsupidavuse katsete alusel, nimetatud katsed kuuluvad sellekohase katsemeetodi kasutusalas. Hetkel ei ole antud Euroopa standardi seda osa võimalik kasutada rippseina monteeritavate paneelide tulepüsivuse klassifitseerimiseks. Laiendatud rakendusala põhinev klassifikatsioon jääb antud standardi käsitusalaast välja. Sellele vaatamata kasutatakse ka laiendatud rakendusala puhul käesolevas standardis esitatud klasse.

Keel et

**EN 13501-4:2007/prA1**

Identne EN 13501-4:2007/prA1:2007

Tähtaeg 30.12.2007

**Fire classification of construction products and building elements - Part 4: Classification using data from fire resistance tests on components of smoke control systems**

This European Standard specifies the procedure for classification of components of smoke control systems, using data from fire resistance tests which are within the field of application of the relevant test methods.

Classification on the basis of extended application is not within the scope of this European Standard, however for extended application the same classes are used as specified in this European Standard. Products covered by this European Standard are: - smoke control ducts; - smoke control dampers; - smoke barriers; - powered smoke and heat exhaust ventilators (fans), including connectors; - natural smoke and heat exhaust ventilators.

Keel en

**EN 13501-5:2006/prA1**

Identne EN 13501-5:2006/prA1:2007

Tähtaeg 30.12.2007

**Fire classification of construction products and building elements - Part 5: Classification using data from external fire exposure to roofs tests**

This European Standard provides the fire performance classification procedures for roofs/roof coverings exposed to external fire based on the four test methods given in ENV 1187:2002.

Keel en

**EN 14710-2:2005/prA1**

Identne EN 14710-2:2005/prA1:2007

Tähtaeg 30.12.2007

**Tuletõrjepumbad. Ilma eelpumbata tsentrifugaalsed tuletõrjepumbad. Osa 2: Üldiste ja ohutusnõuete testimine**

This document covers verification of the general and safety requirements of fire-fighting centrifugal pumps without primer as specified in EN 14710-1.

Keel en

**EN 60335-2-27:2003/prA1**

Identne EN 60335-2-27:2003/prA1:2007

ja identne IEC 60335-2-27:2002/A1:2004

Tähtaeg 30.12.2007

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

Deals with the safety of appliances for skin exposure to ultraviolet or infrared radiation, intended for normal household as well as tanning salon and beauty parlour use. Appliance rated voltage being not more than 250 V single phase and 480 V for other a

Keel en

## **EVS 812-7**

ja identne EVS 812-7:2007

Tähtaeg 30.12.2007

### **Ehitiste tuleohutus. Osa 7: Ehitistele esitatava põhinõuded. Tuleohutusnõuete tagamine projekteerimise ja ehitamise käigus.**

Vabariigi valitsuse 2004 aasta määrusega nr 315 "Ehitistele ja selle osale esitatavad tuleohutusnõuded" on sätestatud CPD direktiivi alusel ja põhinõuded nr 2 "Tuleohutus" lähtuvalt seitse tuleohutuse olulist nõuet. Planeeritav standard annab projekteerijale ja ehitajale tüüplahendused standardolukordade lahendamiseks oluliste tuleohutusnõuete tagamisel ja minimaalse ohutustaseme määratlemisel. Erilahenduste ohutust on endiselt võimalik tõendada ka muul usaldusväärsel viisil kui on tagatud oluliste nõuete minimaalne tase.

## **ISO 10396**

Tähtaeg 29.12.2007

### **PAIKSETE SAASTEALLIKATE HEITED Proovivõtt gaasikontsentratsioonide automaatseks määramiseks statsionaarsetes seiresüsteemides**

Käesolev standard määratleb töövõtted ja vahendid, mis võimaldavad teatud piirides saada esinduslikke proove gaasikontsentratsioonide automaatseks määramiseks gaasi-listes heitvooludes. Meetodika sobib hapniku (O<sub>2</sub>), süsinikdioksiidi (CO<sub>2</sub>), süsinik-monooksiidi (CO), vääveldioksiidi (SO<sub>2</sub>), lämmastikmonooksiidi (NO) ja lämmastik-dioksiidi (NO<sub>2</sub>) või lämmastikoksiidide NO ja NO<sub>2</sub> üldkoguse määramiseks. On selge, et mõnede põlemisprotsesside ja olukordade puhul võib käesoleva standardi rakendatavus olla piiratud.

Sellised olukorrad nõuavad ettevaatust ja tehnilist asjatundlikkust, eriti kui tegemist on millegagi järgmisest:

- a) sööbivad või kõrge reaktsioonivõimega komponendid, nt ammoniaak, vesinik-kloriid ja väävelhape;
- b) kõrge vaakumi, rõhu või temperatuuri all olevad gaasivoolud;
- c) märjad suitsugaasid;
- d) protsessi juhitamatutest muutustest tingitud voolukiiruse, temperatuuri või kontsentratsiooni kõikumised;
- e) gaaside kihistumine gaasivoolude mittesegunemise tõttu;
- f) keskkonnaseireseadmete abil tehtud mõõtmised;
- g) suhteliselt madalad gaasikontsentratsioonid.

Keel et

Asendab EVS-ISO 10396:2006

## **prCEN/TS 15730**

Identne prCEN/TS 15730:2007

ja identne ISO/TR 25398:2006

Tähtaeg 30.12.2007

### **Earth-moving machinery - Guidelines for assessment of exposure to whole-body vibration of ride-on machines - Use of harmonized data measured by international institutes, organizations and manufacturers**

This Technical Report provides guidelines for those such as employers, national authorities and manufacturers of earth-moving machinery who are required to determine, assess and document the daily whole-body vibration exposure for ride-on machines as defined in ISO 6165. It also provides guidelines for reducing vibration levels on machines and for determining the vibration reduction from machine improvements to reduce vibration levels. It is intended to assist in establishing documentation for specific earth-moving machinery under typical operating conditions. It gives guidance on determining the daily vibration exposure A(8), in accordance with ISO 2631 and EN 14253, offering a simple method for determining the daily vibration exposure by means of a table which indicates the daily exposure as a function of the equivalent vibration total value and the associated exposure duration. Both methods can be used even in cases of multiple exposures on the same day. Methods are provided for calculating exposure using reported emission values, valid for machines equipped with a seat in accordance to ISO 7096.

Keel en

## **prEN 166 rev**

Identne prEN 166:2007

Tähtaeg 30.12.2007

### **Isiklikud silmakaitsevahendid. Spetsifikatsioonid**

This European Standard specifies functional requirements for various types of personal eye-protectors and incorporates general considerations such as:

- designation;
- classification;
- basic requirements applicable to all eye-protectors;
- various particular and optional requirements;
- allocation of requirements, testing and application;
- marking;
- information for users.

Keel en

Asendab EVS-EN 166:2003

## **prEN 421 rev**

Identne prEN 421:2007

Tähtaeg 30.12.2007

### **Kaitsekindad ioniseeriva kiirguse ja radioaktiivse saaste eest**

This standard specifies requirements and test methods for gloves to protect against ionizing radiation and radioactive contamination. The standard is applicable to gloves offering protection to the hand and various parts of the arm and shoulder. It also applies to gloves to be mounted in permanent containment enclosures.

Keel en

Asendab EVS-EN 421:1999

**prEN 1317-1 rev**

Identne prEN 1317-1:2007

Tähtaeg 30.12.2007

**Teepiirdesüsteemid. Osa 1: Terminoloogia ja katsemeetodite üldkriteeriumid**

Käesolev Euroopa standard esitab selle standardi muudes osades maanteesõidukite piirdesüsteemide ja jalakäijate piirdesüsteemide käsitlemisel kasutatavate põhimõistete määratlused. Samuti määrab standard kindlaks katsemeetodite üldnormid. Teatmelisad B ja C annavad teavet kokkupõrke tagajärjel tekkiva kineetilise energia ja sõiduki kiirenduse kohta.

Keel en

Asendab EVS-EN 1317-1:1999

**prEN 1317-2 rev**

Identne prEN 1317-2:2007

Tähtaeg 30.12.2007

**Teepiirdesüsteemid. Osa 2: Põrkpiirete eksploatatsiooniomaduste klassid, põrkekatseläbimistingimused ja katsemeetodid**

Käesolev Euroopa standard määrab kindlaks põrkpiirete, kaasa arvatud sõiduki kaitseraua põrkeomadustele esitatavad nõuded. Standard määrab eri kaitseastmete eksploatatsiooniomaduste klassid, põrketesti läbimistingimused ja testimismeetodid. Käesoleva standardi sätted kehtivad selliste süsteemide kohta, millel kaitmine on ainus funktsioon. Need sätted kehtivad ka süsteemide kohta, millel kaitsefunktsioon on süsteemi lisafunktsioon (näiteks mürabarjäärid ja signalisatsiooniseadmed).

Keel en

Asendab EVS-EN 1317-2:1999

**prEN 1317-3 rev**

Identne prEN 1317-3:2007

Tähtaeg 30.12.2007

**Road restraint systems - Part 3: Performance classes, impact test acceptance criteria and test methods for crash cushions**

This European Standard gives requirements for the performance of crash cushions. It defines performance classes and acceptance criteria for impact tests.

Keel en

Asendab EVS-EN 1317-3:2000

**prEN 1366-5 rev**

Identne prEN 1366-5:2007

Tähtaeg 30.12.2007

**Fire resistance tests for service installations - Part 5: Service ducts and shafts**

This Part of EN1366 specifies a method for determining the fire resistance of horizontal service ducts and vertical service shafts, which pass through walls or floors and enclose pipes and cables. The test examines the behaviour of ducts and shafts exposed to fire from outside and from inside the duct. This standard is read in conjunction with EN 1363-1. This standard does not examine the risk of fire spread as a result of thermal conduction along the piping installed in service ducts or shafts, or thermal conduction through the media these pipes carry. It does not cover the risk of damage produced by thermal elongation or shortening as a result of fire, or damaged pipe suspensions. This standard does not give guidance on how to test one, two or three sided service ducts or shafts.

Keel en

Asendab EVS-EN 1366-5:2003

**prEN 13238 rev**

Identne prEN 13238:2007

Tähtaeg 30.12.2007

**Reaction to fire tests for building products - Conditioning procedures and general rules for selection of substrates**

This European Standard specifies the conditioning procedures for samples of building products, and the rules for the selection of substrates for floor coverings and wall/ceiling surface products, when carrying out reaction to fire tests. This European Standard does not cover pre-drying procedures for EN ISO 1182 or the washing and cleaning procedures relating to durability aspects, which are covered by product standards.

Keel en

Asendab EVS-EN 13238:2002

**EN 13501-3:2006/prA1**

Identne EN 13501-3:2005/prA1:2007

Tähtaeg 30.12.2007

**Fire classification of construction products and building elements - Part 3: Classification using data from fire resistance tests on products and elements used in building service installations: fire resisting ducts and fire dampers**

This European Standard specifies the procedure for classification of the resistance to fire performance of construction products and building elements used as components of building service installations, using data from fire resistance tests which are within the direct field of application of the relevant test method.

Keel en

**prEN 14701-4**

Identne prEN 14701-4:2007

Tähtaeg 30.12.2007

**Characterization of sludges - Filtration properties - Part 4: Determination of the drainability of flocculated sludges**

This document specifies a method for the determination of drainability of flocculated sludges. It is applicable to sludge and sludge suspensions from:

- storm water handling;
- urban wastewater collecting systems;
- urban wastewater treatment plants;
- treating industrial wastewater similar to urban wastewater (as defined in Directive 91/271/EEC);
- water supply treatment plants.

This method is also applicable to sludge suspensions from other origin. Any case, it is applicable to all kinds of sludges provided particles are larger than 500 µm in size. That is why the test should preferably be performed on sludges first flocculated.

Keel en

**prEN 15004-2**

Identne prEN 15004-2:2007

Tähtaeg 30.12.2007

**Fixed firefighting systems - Gas extinguishing systems - Part 2: Physical properties and system design of gas extinguishing systems for FK-5-1-12 extinguishant**

This document gives specific requirements for gaseous fire-extinguishing systems, with respect to the FK-5-1-12 extinguishant. It includes details of physical properties, specification, usage and safety aspects and is applicable to systems operating at nominal pressures of 25 bar and 42 bar with nitrogen propellant. This does not preclude the use of other systems.

Keel en

**prEN 15004-3**

Identne prEN 15004-3:2007

Tähtaeg 30.12.2007

**Fixed firefighting systems - Gas extinguishing systems - Part 3: Physical properties and system design of gas extinguishing systems for HCFC Blend A extinguishant**

This document gives specific requirements for gaseous fire-extinguishing systems, with respect to the HCFC Blend A extinguishant. It includes details of physical properties, specification, usage and safety aspects and is applicable to systems operating at nominal pressures of 25 bar and 42 bar with nitrogen propellant. This does not preclude the use of other systems.

Keel en

**prEN 15004-4**

Identne prEN 15004-4:2007

Tähtaeg 30.12.2007

**Fixed firefighting systems - Gas extinguishing systems - Part 4: Physical properties and system design of gas extinguishing systems for HFC 125 extinguishant**

This document gives specific requirements for gaseous fire-extinguishing systems, with respect to the HFC 125 extinguishant. It includes details of physical properties, specification, usage and safety aspects and is applicable to systems operating at nominal pressures of 25 bar and 42 bar, superpressurized with nitrogen. This does not preclude the use of other systems.

Keel en

**prEN 15004-5**

Identne prEN 15004-5:2007

Tähtaeg 30.12.2007

**Fixed firefighting systems - Gas extinguishing systems - Part 5: Physical properties and system design of gas extinguishing systems for HFC 227ea extinguishant**

This document gives specific requirements for gaseous fire-extinguishing systems, with respect to the HFC 227ea extinguishant. It includes details of physical properties, specification, usage and safety aspects and is applicable to systems operating at nominal pressures of 25 bar and 42 bar with nitrogen propellant. This does not preclude the use of other systems.

Keel en

**prEN 15004-6**

Identne prEN 15004-6:2007

Tähtaeg 30.12.2007

**Fixed firefighting systems - Gas extinguishing systems - Part 6: Physical properties and system design of gas extinguishing systems for HFC 23 extinguishant**

This document gives specific requirements for gaseous fire-extinguishing systems, with respect to the HFC 23 extinguishant. It includes details of physical properties, specification, usage and safety aspects and is applicable to systems operating at nominal pressure of 41 bar without nitrogen superpressurization. This does not preclude the use of other systems.

Keel en

**prEN 15004-7**

Identne prEN 15004-7:2007

Tähtaeg 30.12.2007

**Fixed firefighting systems - Gas extinguishing systems - Part 7: Physical properties and system design of gas extinguishing systems for IG-01 extinguishant**

This document gives specific requirements for gaseous fire-extinguishing systems, with respect to the IG-01 extinguishant. It includes details of physical properties, specification, usage and safety aspects and is applicable to systems operating at nominal pressure of 160 bar, 200 bar and 300 bar at 15 °C. This does not preclude the use of other systems; however, design data for other pressures were not available at time of publication.

Keel en

**prEN 15004-8**

Identne prEN 15004-8:2007

Tähtaeg 30.12.2007

**Fixed firefighting system - Gas extinguishing systems - Part 8: Physical properties and system design of gas extinguishing systems for IG-100 extinguishant**

This document gives specific requirements for gaseous fire-extinguishing systems, with respect to the IG-100 extinguishant. It includes details of physical properties, specification, usage and safety aspects and is applicable to systems operating at nominal pressure of 160 bar, 200 bar and 300 bar at 15 °C. This does not preclude the use of other systems; however, design data for other pressures were not available at time of publication.

Keel en

**prEN 15004-9**

Identne prEN 15004-9:2007

Tähtaeg 30.12.2007

**Fixed firefighting systems - Gas extinguishing systems - Part 9: Physical properties and system design of gas extinguishing systems for IG-55 extinguishant**

This document gives specific requirements for gaseous fire-extinguishing systems, with respect to the IG-55 extinguishant. It includes details of physical properties, specification, usage and safety aspects and is applicable to systems operating at nominal pressure of 150 bar, 200 bar and 300 bar at 15 °C. This does not preclude the use of other systems; however, design data for other pressures were not available at time of publication.

Keel en

**prEN 15004-10**

Identne prEN 15004-10:2007

Tähtaeg 30.12.2007

**Fixed firefighting systems - Gas extinguishing systems - Part 10: Physical properties and system design of gas extinguishing systems for IG-541 extinguishant**

This document gives specific requirements for gaseous fire-extinguishing systems, with respect to the IG-541 extinguishant. It includes details of physical properties, specification, usage and safety aspects and is applicable to systems operating at nominal pressure of 150 bar, 200 bar and 300 bar at 15 °C. This does not preclude the use of other systems; however, design data for other pressures were not available at time of publication.

Keel en

**prEN 15333-2**

Identne prEN 15333-2:2007

Tähtaeg 30.12.2007

**Respiratory equipment - Open-circuit umbilical supplied compressed gas diving apparatus - Part 2: Free flow apparatus**

This European Standard specifies minimum requirements for free flow surface supplied and free flow surface oriented diving apparatus to ensure a minimum level of safe operation of the apparatus. It applies to the following:

- a maximum depth of 50 m for apparatus using air, oxygen or oxygen in nitrogen mixtures;
- a maximum depth of 60 m for apparatus using oxygen, oxygen and helium or oxygen, nitrogen and helium gas mixtures;
- water temperatures between 4 °C and 34°C or outside these temperatures as specified by the manufacturer.

The requirements of this European Standard are intended to take account of the interaction between the wearer, the apparatus, and where possible the environment in which the apparatus is likely to be used. This European Standard does not cover saturation diving systems, mini bell systems or apparatus used for oxygen decompression only.

Keel en

**prEN 15725**

Identne prEN 15725:2007

Tähtaeg 30.12.2007

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

This European Standard gives the procedures for preparing reports on the extended application process using the results of reaction to fire tests, fire resistance tests or external fire exposure to roof tests undertaken for fire classification of products and product families in accordance with the various parts of EN 13501. This standard makes reference to 'extended application standards' throughout, wherever this term is used it refers to either a standard prepared by CEN/TC127 'Fire safety in buildings' or the relevant product standard which includes information on extended application. In some cases, where a standard is not yet published, a relevant EC Group of Notified Bodies (GNB) Fire Sector Group (FSG) Recommendation is available for use by Notified Bodies in attestation procedures for CE marking under the Construction Products Directive (CPD),

Keel en

**prEN 60335-2-9**

Identne prEN 60335-2-9:2007

ja identne IEC 60335-2-9:200X

Tähtaeg 30.12.2007

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

This International Standard deals with the safety of electric portable appliances for household and similar purposes that have a cooking function such as baking, roasting and grilling, their rated voltage being not more than 250 V. NOTE 101 Examples of appliances that are within the scope of this standard are

- barbecues for indoor use;
- breadmakers ;
- contact grills (griddles);
- cookers;
- food dehydrators;
- hotplates;
- pop-corn makers;
- portable ovens;
- raclette grills;
- radiant grills;
- roasters;
- rotary grills;
- rotisseries;
- toasters;
- waffle irons;

Keel en

Asendab EVS-EN 60335-2-9:2003/A1:2004; EVS-EN 60335-2-9:2003/A2:2006; prEN 60335-2-9

**prEN 60335-2-54**

Identne prEN 60335-2-54:2007

ja identne IEC 60335-2-54:200X

Tähtaeg 30.12.2007

**Majapidamis- ja muud taolised elektriseadmed.****Ohutus. Osa 2-54: Erinõuded pinnapuhastusseadmetele, mis kasutavad vedelikke või auru**

This International Standard deals with the safety of electric cleaning appliances for household use that are intended for cleaning surfaces such as windows, walls and empty swimming pools by using liquid cleansing agents or steam, their rated voltage being not more than 250 V. It also covers wallpaper strippers. NOTE 101 Appliances may incorporate heating elements or means for pressurising the liquid container. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account

- persons (including children) whose
- physical, sensory or mental capabilities; or
- lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction;
- children playing with the appliance.

Keel en

Asendab EVS-EN 60335-2-54:2003; EVS-EN 60335-2-54:2003/A1:2004; EVS-EN 60335-2-54:2003/A2:2007; EVS-EN 60335-2-54:2003/A11:2006



**prEN 60335-2-94**

Identne prEN 60335-2-94:2007  
ja identne IEC 60335-2-94:200X  
Tähtaeg 30.12.2007

**Household and similar electrical appliances - Safety -- Part 2-94: Particular requirements for scissors type grass shears**

This standard deals with the safety of electric powered hand-held scissors type grass shears with a maximum cutting width of 200 mm designed primarily for cutting grass, their rated voltage being not more than 250 V for a.c. or 50 V d.c. The term "grass shear" within this standard means "electric powered scissors type grass shear". So far as is practicable, this standard deals with the common hazards presented by grass shears which are encountered by all persons in the normal use and reasonably foreseeable misuse.

NOTE 101 Attention is drawn to the fact that in many countries, additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour, the national water supply authorities and similar authorities. Requirements for chargers are covered by IEC 60335-2-29. EMC and environmental aspects except for noise have not been considered in this standard.

Keel en

**prEN 61482-2**

Identne prEN 61482-2:2007  
ja identne IEC 61482-2:200X  
Tähtaeg 30.12.2007

**Live working - Protective clothing against the thermal hazards of an electric arc -- Part 2: Requirements**

This International Standard is applicable to protective clothing used for electrotechnical work if there is an electric arc hazard. This standard specifies requirements and test methods applicable to materials and garments for protective clothing for electrical workers against the thermal hazards of an electric arc based on

- relevant general properties of the textiles, tested with selected textile test methods, and
- arc thermal resistance properties, such as

- the arc rating of materials (ATPV or EBT50), when tested with an open electric arc under defined laboratory conditions according to IEC 61482-1-1, or
- the arc protection class of materials and garments (Class 1 or Class 2), when tested with a directed and constrained electric arc under defined laboratory conditions according to IEC 61482-1-2.

Requirements of this standard do not address electric shock hazards. The present standard is applicable in combination with standards covering such hazards.

Keel en

**prEN 61482-1-1**

Identne prEN 61482-1-1:2007  
ja identne IEC 61482-1-1:200X  
Tähtaeg 30.12.2007

**Live working - Protective clothing against the thermal hazards of an electric arc -- Part 1-1: Test methods - Method 1 - Determination of the arc rating (ATPV or EBT50) of flame resistant materials for clothing**

This part of IEC 61482 specifies test methods to measure the arc thermal performance value of materials intended for use in heat- and flame-resistant clothing for workers exposed to the thermal effects of electric arcs and the function of garments using these materials. These test methods measure the arc thermal performance value of materials which meet the following requirements: less than 100 mm char length and less than 2 s afterflame after removal from flame, when tested in accordance with ISO 15025, procedure B (bottom-edge ignition) on the outer material, and the char length measured using a modified ISO method as described in Annex A. These methods are used to measure and describe the properties of materials, products, assemblies or garments in response to convective and radiant energy generated by an electric arc in open air under controlled laboratory conditions. The materials used in these methods are in the form of flat specimens for method A and garments for method B. Method A is used to determine the arc rating of materials and material assemblies when tested in a flat configuration.

Keel en

**prEN 80601-2-30**

Identne prEN 80601-2-30:2007  
ja identne IEC 80601-2-30:200X  
Tähtaeg 30.12.2007

**Medical electrical equipment -- Part 2-30: Particular requirements for basic safety and essential performance of automated non-invasive sphygmomanometers**

This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of AUTOMATED SPHYGMOMANOMETERS, hereafter referred to as ME EQUIPMENT, which by means of an inflatable CUFF, are used for intermittent NON-INVASIVE BLOOD PRESSURE MEASUREMENT. This standard specifies requirements for the BASIC SAFETY and ESSENTIAL PERFORMANCE for this ME EQUIPMENT and its ACCESSORIES, including the requirements for the accuracy of BLOOD PRESSURE determination. This standard covers electrically-powered intermittent NON-INVASIVE BLOOD PRESSURE MEASUREMENT ME EQUIPMENT with automatic methods for estimating arterial BLOOD PRESSURE, including BLOOD PRESSURE monitors for the HOME HEALTHCARE ENVIRONMENT. Requirements for NON-INVASIVE BLOOD PRESSURE MEASUREMENT ME EQUIPMENT with electrically powered pressure sensing elements and/or displays used in conjunction with a stethoscope or other manual methods for determining arterial BLOOD PRESSURE (NON-AUTOMATED SPHYGMOMANOMETERS) are specified in document IEC ISO 81060-1. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant.

Keel en

### prEN ISO 15011-2 rev

Identne prEN ISO 15011-2:2007  
ja identne ISO/DIS 15011-2:2007  
Tähtaeg 30.12.2007

#### **Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 2: Determination of emission rates of gases, except ozone, during arc welding, cutting and gouging**

This standard defines laboratory methods for measuring the emission rates of gases, except ozone, that can be generated during arc welding, cutting and gouging, using a hood technique. The methodology is suitable for use with all open arc welding processes, cutting and gouging but different designs of hood are used depending on the process and whether or not it can be conducted automatically. Suitable hood arrangements and methods for sampling and analysing the gases are described. The following gases that can be generated by arc welding, cutting and gouging are covered in this standard:

- Carbon monoxide (CO);
- Carbon dioxide (CO<sub>2</sub>);
- Nitrogen oxide (NO);
- Nitrogen dioxide (NO<sub>2</sub>).

Ozone is covered in ISO 15011-3.

The methods cannot be used to determine the emission rates of organic gases.

Keel en

Asendab EVS-EN ISO 15011-2:2003

### prEN ISO 20349

Identne prEN ISO 20349:2007  
ja identne ISO/DIS 20349:2007  
Tähtaeg 30.12.2007

#### **Personal protective equipment - Footwear protecting against molten metal splash - Requirements and test methods**

This European Standard specifies requirements and test methods for footwear for use by workers exposed to molten metal hazards such as in foundries or during welding.

Keel en

### prEN ISO 22032

Identne prEN ISO 22032:2007  
ja identne ISO 22032:2006  
Tähtaeg 30.12.2007

#### **Water quality - Determination of selected polybrominated diphenyl ethers in sediment and sewage sludge - Method using extraction and gas chromatography/mass spectrometry**

This International Standard specifies a method for the determination of selected polybrominated diphenyl ethers (PBDE) (see Figure 1 and Table 1) in sediment and sludge using gas chromatography/mass spectrometry (GC-MS) in the electron impact (EI) or negative ion chemical ionization (NCI) mode. When using GC-EI-MS, the method is applicable to samples containing 0,05 µg/kg to 25 µg/kg of tetra- to octabromo congeners and 0,3 µg/kg to 100 µg/kg of decabromo diphenyl ether (BDE-209), respectively. Approximately ten times lower concentrations can be quantified when using GC-NCI-MS. The risk of misinterpretation of interfering substances is smaller with EI due to its higher specificity. It is also possible to analyse other brominated diphenyl ethers according to this International Standard, after verifying its applicability in each case.

Keel en

## 17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

### KAVANDITE ARVAMUSKÜSITLUS

#### prEN ISO 772 rev

Identne prEN ISO 772:2007  
ja identne ISO/DIS 772:2007  
Tähtaeg 30.12.2007

#### **Hydrometric determinations - Vocabulary and symbols**

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

Keel en

Asendab EVS-EN ISO 772:2000

## 21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

### KAVANDITE ARVAMUSKÜSITLUS

#### EN 13411-5:2003/prA1

Identne EN 13411-5:2003/prA1:2007  
Tähtaeg 30.12.2007

#### **Terastraadist trosside otsmuhvid. Ohutus. Osa 5: Vedrukammitsaga teraströsshaaratsid**

This European Standard specifies the minimum requirements for the safe behaviour of terminations associated with U-bolt wire rope grips manufactured from ferrous materials for use as intended by the manufacturer of the U bolt grip

Keel en

#### EN 13411-7:2006/prA1

Identne EN 13411-7:2006/prA1:2007  
Tähtaeg 30.12.2007

#### **Terastraadist trosside otsmuhvid. Ohutus. Osa 7: Sümmeetrilise kiilmuhviga otsad**

This European Standard specifies the minimum requirements for symmetrical wedge socket terminations for stranded steel wire ropes conforming to EN 12385-5 for lifts. This European Standard covers those symmetric wedge sockets intended for use at temperatures between -20 °C and 100 °C.

Keel en

### prEN 60300-3-11

Identne prEN 60300-3-11:2007  
ja identne IEC 60300-3-11:200X  
Tähtaeg 30.12.2007

#### **Dependability management -- Part 3-11: Application guide - Reliability centred maintenance**

This part of IEC 60300 provides guidelines for the development of a preventive maintenance programme for equipment and structures using reliability centred maintenance (RCM) analysis techniques. This application guide is an extension of IEC 60300-3-12 and 60300-3-14. Maintenance activities recommended in both guides, which relate to preventive maintenance, may be implemented using reliability centred maintenance methodology. The objective of RCM analysis is the development of failure management policies to optimize system functions, availability, reliability, safety and life cycle costs. RCM analysis can be applied to items such as a ground vehicle, ship, power plant, aircraft, and other systems, which are made up of equipment and structure, e.g. a building, airframe or ship's hull. Typically equipment comprises a number of electrical, mechanical, instrumentation or control systems and subsystems which can be further broken down into progressively smaller groupings, as required. This guide is restricted to the application of RCM techniques and does not include aspects of maintenance support, which are covered by the above mentioned standards or other dependability and safety standards.

Keel en

## **23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD**

### UUED STANDARDID

#### **CEN/TS 1591-4:2007**

Hind 95,00  
Identne CEN/TS 1591-4:2007

#### **Flanges and their joints - Design rules for gasketed circular flange connections - Part 4: Qualification of personnel competency in the assembly of bolted joints fitted to equipment subject to the Pressure Equipment Directive**

This European Technical Specification establishes a process for training and competency assessment of personnel who disassemble, assemble and tighten bolted joints such as fitted to equipment subject to the Pressure Equipment Directive 97/23/EC (PED), in the content of this Technical Specification named "PED".

Keel en

#### **CEN/TS 14541:2007**

Hind 104,00  
Identne CEN/TS 14541:2007

#### **Plastics pipes and fittings for non-pressure applications - Utilisation of non-virgin PVC-U, PP and PE materials**

This document specifies definitions and recommended specifications and test methods for the utilisation of PVC-U, PP and PE non-virgin materials in components for non-pressure piping systems. This document specifies the use of material with agreed specifications in the event that large quantities are to be used. This document gives information concerning the relationship between relevant characteristics and their influence on processing/performance on pipes and/or fittings.

Keel en

### **EVS-EN 1092-1:2007**

Hind 324,00  
Identne EN 1092-1:2007

#### **Äärikud ja nende ühendused. Ümmargused äärikud torudele, ventiilidele, ühendusdetailidele ja lisaseadmetele, PN klassifikatsiooniga. Osa 1: Terasäärikud**

This European Standard for a single series of flanges specifies requirements for circular steel flanges in PN designations PN 2,5 to PN 400 and nominal sizes from DN 10 to DN 4000. This European Standard specifies the flange types and their facings, dimensions, tolerances, threading, bolt sizes, flange jointing face surface finish, marking, materials, pressure/ temperature ratings and approximate flange masses. For the purpose of this European Standard, "flanges" include also lapped ends and collars. This European Standard applies to flanges manufactured in accordance with the methods described in Table 1. Non-gasketed pipe joints are outside the scope of this European Standard.

Keel en

Asendab EVS-EN 1092-1:2002

#### **EVS-EN 10216-2:2002+A2:2007**

Hind 151,00  
Identne EN 10216-2:2002+A2:2007

#### **Surveotstarbelised õmblusteta terastorud. Tehnilised tarnetingimused. Osa 2: Süsinik- ja legeerterasest kõrgendatud temperatuuriomadustega torud KONSOLIDEERITUD TEKST**

This Part of EN 10216 specifies the technical delivery conditions in two test categories for seamless tubes of circular cross section, with specified elevated temperature properties, made of non-alloy and alloy steel.

Keel en

Asendab EVS-EN 10216-2:2002

#### **EVS-EN 12817:2007**

Hind 151,00  
Identne EN 12817:2002+A1:2006+AC:2006

#### **Vedelgaasi seadmed ja lisavarustus. Maapealsete vedelgaasi mahutite mahuga kuni ja kaasaarvatud 13 m3 kontroll ja ümberkvalifitseerimine KONSOLIDEERITUD TEKST**

Standard määratlub nõuded: a) maapealsete vedelgaasi mahutite, 150 l kuni 13 m3 kaasaarvatud ning nende lisaseadmete tavakontrollile, perioodilisele kontrollile ja ümberkvalifitseerimisele; b) tavakontrolli, perioodilise kontrolli ja ümberkvalifitseerimise tulemusena vastavalt vajadusele protokollide säilitamisele ja/või mahutite märgistusele. Standard ei käsitle jahutatult hoistumist.

Keel et

Asendab EVS-EN 12817:2002; EVS-EN 12817:2002/A1:2006

**EVS-EN 13445-1:2002/A3:2007**

Hind 190,00

Identne EN 13445-1:2002/A3:2007

**Leekkuumutusega surveanumad. Osa 1: Üldine**

This part of this European Standard defines the terms, definitions, symbols and units that are used throughout the EN 13445. It also contains instructions on how to use the standard (Annex A) as well as an index which covers the whole standard (Annex B). This information is aimed to aid the user of the EN 13445. This European Standard applies to unfired pressure vessels with a maximum allowable pressure greater than 0,5 bar (0,05 MPa) gauge but may be used for vessels operating at lower pressures, including vacuum.

Keel en

**EVS-EN 13771-2:2007**

Hind 162,00

Identne EN 13771-2:2007

**Compressors and condensing units for refrigeration - Performance testing and test methods - Part 2: Condensing units**

This part of EN 13771 applies only to condensing units for refrigeration and describes a number of selected performance test methods. These methods provide sufficiently accurate results for the determination of the refrigerating capacity, power absorbed, refrigerant mass flow, isentropic efficiency and the coefficient of performance.

Keel en

**EVS-EN 13952:2007**

Hind 95,00

Identne EN 13952:2003+A1:2006

**Vedelgaasi seadmed ja lisavarustus. Vedelgaasi balloonide täitmise protseduurid KONSOLIDEERITUD TEKST**

Standard määrab nõudmised balloonide täitejaama tööle, tagamaks, et vedelgaasi balloonide täitmine viiakse läbi ohjatud ja ohutul viisil.

Keel et

Asendab EVS-EN 13952:2003; EVS-EN 13952:2003/A1:2006

**EVS-EN ISO 13478:2007**

Hind 162,00

Identne EN ISO 13478:2007

ja identne ISO 13478:2007

**Vedelike teisaldamiseks ettenähtud termoplasttorud. Pragude kiirele levimisele (RCP) vastupidavuse kindlaksmääramine. Täisskaala katse (FST)**

Käesolev standard esitab täisskaala testimismeetodi termoplasttorus tekkinud pragunemise paigaldamise või leviku kindlaksmääramiseks kindlal temperatuuril sisemise surve juures. Standard kehtib gaaside või vedelikega varustamiseks ettenähtud termoplasttorude funktsioneerimise hindamiseks. Vedelikutorude korral võib torus olla ka õhku.

Keel en

Asendab EVS-EN ISO 13478:1999

**ASENDATUD VÕI TÜHISTATUD STANDARDID****EVS-EN 1092-1:2002**

Identne EN 1092-1:2001

**Äärikud ja nende ühendused. Ümmargused äärikud torudele, ventiilidele, ühendusdetailidele ja lisaseadmetele, PN klassifikatsiooniga. Osa 1: Terasäärikud**

This European Standard for a single series of flanges specifies requirements for circular steel flanges in PN designations PN 2,5 to PN 100 and nominal sizes from DN 10 to DN 4000.

Keel en

Asendatud EVS-EN 1092-1:2007

**EVS-EN 10216-2:2002**

Identne EN 10216-2:2002

**Surveotstarbelised õmblusteta terastorud. Tehnilised tarnetingimused. Osa 2:****Kindlaksmääratud kõrgtemperatuuriliste omadustega süsinik- ja sulamterasesest torud**

This Part of EN 10216 specifies the technical delivery conditions in two test categories for seamless tubes of circular cross section, with specified elevated temperature properties, made of non-alloy and alloy steel.

Keel en

Asendatud EVS-EN 10216-2:2002+A2:2007

**EVS-EN 12817:2002**

Identne EN 12817:2002

**Inspection and requalification of LPG tanks up to and including 13 m<sup>3</sup> overground**

This European Standard specifies requirements for: a) routine inspection, periodic inspection and equalification of fixed above ground LPG storage tanks of sizes from 150 l up to and including 13 m<sup>3</sup>, and associated fittings; b) marking tanks and/or keeping records, as appropriate, as a result of routine inspection, periodic inspection and requalification. This European Standard excludes refrigerated storage.

Keel en

Asendatud EVS-EN 12817:2002/A1:2006

**EVS-EN 12817:2002/A1:2006**

Identne EN 12817:2002/A1:2006+AC:2006

**Vedelgaasi (LPG) seadmed ja lisavarustus.****Maapealsete vedelgaasi mahutite mahuga kuni ja kaasaarvatud 13 m<sup>3</sup> kontroll ja ümberkvalifitseerimine.**

Standard määratleb nõuded: a) maapealsete vedelgaasi mahutite (kuni ja kaasaarvatud 13 m<sup>3</sup>) ning nende lisaseadmete tavalisele ülevaatusele, perioodilisele kontrollile ja ümberkvalifitseerimisele; b) tavakontrolli, perioodilise kontrolli ja ümberkvalifitseerimise tulemuste protokollide säilitamisele ja mahutite märgistusele. Standard ei käsitle külmutatud mahuteid

Keel en

Asendatud EVS-EN 12817:2002

**EVS-EN 13952:2003**

Identne EN 13952:2003

**Vedelgaasi seadmestik ja lisavarustus. Vedelgaasi balloonide täitmise protseduurid**

Standard määratleb nõuded balloonide täitejaama tööle, mis tagavad vedelgaasi balloonide kontrollitud ja ohutu täitmise.

Keel en

Asendatud EVS-EN 13952:2003/A1:2006

**EVS-EN 13952:2003/A1:2006**

Identne EN 13952:2003/A1:2006

**Vedelgaasi (LPG) seadmed ja lisavarustus.  
Vedelgaasi balloonide täitmise protseduurid**

Standard määratleb nõuded balloonide täitejaama tööle, mis tagavad vedelgaasi balloonide kontrollitud ja ohutu täitmise

Keel en

Asendatud EVS-EN 13952:2003

**EVS-EN ISO 13478:1999**

Identne EN ISO 13478:1997

ja identne ISO 13478:1997

**Vedelike teisaldamiseks ettenähtud termoplasttorud.  
Pragude kiirele levimisele (RCP) vastupidavuse  
kindlaksmääramine. Täisskaala katse (FST)**

Käesolev standard esitab täisskaala testimismeetodi termoplasttorus tekkinud pragunemise paigaldamise või leviku kindlaksmääramiseks kindlal temperatuuril sisemise surve juures. Standard kehtib gaaside või vedelikega varustamiseks ettenähtud termoplasttorude funktsioneerimise hindamiseks. Vedelikutorude korral võib torus olla ka õhku.

Keel en

Asendatud EVS-EN ISO 13478:2007

**KAVANDITE ARVAMUSKÜSITLUS****EN 13480-1:2002/prA2**

Identne EN 13480-1:2002/prA2:2007

Tähtaeg 30.12.2007

**Metallist tööstustorustik . Osa 1: Üldist**

This European Standard specifies the requirements for industrial piping systems and supports, including safety systems, made of metallic materials (but initially restricted to steel) with a view to ensure safe operation. □ This European Standard is applicable to metallic piping above ground, ducted or buried, irrespective of pressure.

Keel en

**EN 14398-2:2003/prA2**

Identne EN 14398-2:2003/prA2:2007

Tähtaeg 30.12.2007

**Cryogenic vessels - Large transportable non-vacuum insulated vessels - Part 2: Design, fabrication, inspection and testing**

This European Standard specifies requirements for the design, fabrication, inspection and testing of large □ transportable non vacuum insulated cryogenic vessels of more than 1 000 l volume, which are permanently (fixed tanks) or not permanently (demountable tanks) attached to a vehicle, for carriage by road. However, it can be used for other mode of transport providing the specific regulations/requirements are complied with. This European Standard applies to large transportable non vacuum insulated cryogenic vessels for fluids specified in prEN 14398-1 and does not apply to vessels designed for toxic fluids. This European Standard does not include the general vehicle requirements e.g. running gear, brakes, lighting etc. that shall be in accordance with the relevant standards/regulations.

Keel en

**EN 60335-2-34:2003/prA2**

Identne EN 60335-2-34:2002/prA2:2007

ja identne IEC 60335-2-34:2002/A2:200X

Tähtaeg 30.12.2007

**Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 2-34: Erinõuded mootorkompressoritele**

This standard applies to sealed (hermetic and semi-hermetic type) motor-compressors intended for use in equipment for household and similar purposes and which conform with the standards applicable to such equipment. It applies to motor-compressors tested separately, under the most severe conditions which may be expected to occur in normal use, their rated voltage being not more than 250 V for single-phase motor-compressors and 480 V for other motor-compressors.

Keel en

**prEN 88-2 rev**

Identne prEN 88-2:2007

Tähtaeg 30.12.2007

**Rõhuregulaatorid ja nendega seotud ohutusseadmed gaasiseadmetele sisendrõhuga vahemikus 0,5 bar ja 5 bar**

This European Standard specifies the safety, construction and performance requirements for pressure regulators (hereafter referred to as regulators) intended for use with gas burners and gas-burning appliances using fuel gases of the 1st, 2nd and 3rd families. This European Standard covers type testing only. It also provides additional information for the purchaser and user.

Keel en

Asendab EVS-EN 88:1999

**prEN 15724**

Identne prEN 15724:2007

Tähtaeg 30.12.2007

**Thermoplastics static tanks for above ground storage of domestic heating oils, kerosene and diesel fuels - Secondary containments used with tanks complying with EN 13341 - Requirements and test methods**

This European Standard specifies the requirements for materials (thermoplastics or steel), physical properties and performance of secondary containments used with specific thermoplastics static tanks complying with EN 13341. This document is designed to be read with EN 13341. This European Standard does not consider the consequences of wind or snow loading which is considered to be an installation issue.

Keel en

**prEN 15729**

Identne prEN 15729:2007

Tähtaeg 30.12.2007

**Plastics piping systems - Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) - Determination of mean and maximum abrasion (tilting method)**

This European Standard specifies a method for determining the mean and maximum abrasion of the inner surface of glass-reinforced thermosetting polyester resin (GRP) pipes, measured after a defined number of traverses of a specified water/abrasive mixture.

Keel en

## **prEN ISO 7326 rev**

Identne prEN ISO 7326:2007

ja identne ISO 7326:2006

Tähtaeg 30.12.2007

### **Rubber and plastics hoses - Assessment of ozone resistance under static conditions**

This International Standard specifies five methods for determining the ozone resistance of the outer covers of hoses:

- method 1, for bore sizes up to and including 25 mm, carried out on the hose itself;
- method 2, for bore sizes greater than 25 mm, carried out on a test piece from the hose wall;
- method 3, for bore sizes greater than 25 mm, carried out on a test piece from the cover;
- method 4, for all bore sizes, carried out on the hose itself;
- method 5, for all bore sizes, carried out on hoses that are expandable, for example textile-reinforced hoses.

Keel en

Asendab EVS-EN 27326:1999

## **25 TOOTMISTEHNOLLOOGIA**

### **UUED STANDARDID**

#### **EVS-EN 14879-4:2007**

Hind 246,00

Identne EN 14879-4:2007

#### **Organic coating systems and linings for protection of industrial apparatus and plants against corrosion caused by aggressive media - Part 4: Linings on metallic components**

This document describes the requirements for and methods of testing of organic linings which are applied to metallic process engineering equipment that will come in contact with chemical substances. The requirements specified here may be used for the purposes of quality control (e.g. as agreed between the contract partners<sup>1</sup>).

Keel en

#### **EVS-EN 14879-5:2007**

Hind 199,00

Identne EN 14879-5:2007

#### **Organic coating systems and linings for protection of industrial apparatus and plants against corrosion caused by aggressive media - Part 5: Linings on concrete components**

This document describes the requirements for and methods of testing of organic linings which are applied to concrete process engineering equipment that will come in contact with aggressive chemical substances (liquids, solids and gases). The requirements specified here may be used for the purposes of quality control (e.g. as agreed between the contract partners).

Keel en

#### **EVS-EN 15520:2007**

Hind 132,00

Identne EN 15520:2007

#### **Thermal spraying - Recommendations for constructional design of components with thermally sprayed coatings**

This European Standard applies for thermal sprayed coatings. It contains basic recommendations for the design of components, which have to be completely or partially coated. The recommendations apply for new manufacturing as well as for repair of worn components. The coating may be of metallic, metal-ceramic, oxide-ceramic materials or polymers.

Keel en

#### **EVS-EN ISO 5817:2007**

Hind 199,00

Identne EN ISO 5817:2007

ja identne ISO 5817:2003, corrected version:2005, including Technical Corrigendum 1:2006

#### **Welding - Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded) - Quality levels for imperfections**

This International Standard provides quality levels of imperfections in fusion-welded joints (except for beam welding) in all types of steel, nickel, titanium and their alloys. It applies to material thickness above 0,5 mm. Quality levels for beam welded joints in steel are presented in ISO 13919-1. Three quality levels are given in order to permit application to a wide range of welded fabrication. They are designated by symbols B, C and D. Quality level B corresponds to the highest requirement on the finished weld. The quality levels refer to production quality and not to the fitness-for-purpose (see 3.2) of the product manufactured.

Keel en

Asendab EVS-EN ISO 5817:2004

### **ASENDATUD VÕI TÜHISTATUD STANDARDID**

#### **EVS-EN ISO 5817:2004**

Identne EN ISO 5817:2003 + AC:2006

ja identne ISO 5817:2003

#### **Welding - Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded) - Quality levels for imperfections**

This International Standard provides quality levels of imperfections in fusion-welded joints (except for beam welding) in all types of steel, nickel, titanium and their alloys. It applies to material thickness above 0,5 mm. Quality levels for beam welded joints in steel are presented in ISO 13919-1. Three quality levels are given in order to permit application to a wide range of welded fabrication. They are designated by symbols B, C and D. Quality level B corresponds to the highest requirement on the finished weld. The quality levels refer to production quality and not to the fitness-for-purpose (see 3.2) of the product manufactured.

Keel en

Asendab EVS-EN 25817:2000

Asendatud EVS-EN ISO 5817:2007

## **KAVANDITE ARVAMUSKÜSITLUS**

### **prEN ISO 636 rev**

Identne prEN ISO 636:2007  
ja identne ISO 636:2004  
Tähtaeg 30.12.2007

### **Keevitumaterjalid. Vardad, traadid ja pealesulatised teraste ja peenteraste T16-keevituseks (sulamatu elektroodiga kaarkeevituseks inertgaasis). Liigitus**

Käesolev standard määrab kindlaks nõuded keevitusvarraste ja keevitustraaside klassifitseerimiseks keevitusjärgses olekus puhta keevismetalli järgi voolavuspiiriga kuni 500 N/mm<sup>2</sup> mittelegeerteraste ja peenteraste T16-keevitamisel (keevitamisel sulamatu elektroodiga inertkaitsegaasis).

Keel en

Asendab EVS-EN 1668:1999

### **prEN ISO 2560 rev**

Identne prEN ISO 2560:2007  
ja identne ISO/DIS 2560:2007  
Tähtaeg 30.12.2007

### **Keevitumaterjalid. Kattega elektroodid legeerimata ja peenteraste käsikaarkeevituseks. Liigitamine**

Käesolev standard määratleb liigitamistingimused kattega elektroodidele ning keevismetallile legeerimata ja peenteraste keevitamiseks minimaalse tõmbetugevusega 500 N/mm<sup>2</sup> keevitatud olekus.

Keel en

Asendab EVS-EN ISO 2560:2006

### **prEN ISO 3580 rev**

Identne prEN ISO 3580:2007  
ja identne ISO 3580:2004  
Tähtaeg 30.12.2007

### **Keevitumaterjalid. Käsikaarkeevitusel roomavuskindlate teraste korral kasutatavad kattega elektroodid. Liigitus**

Käesolev standard määrab kindlaks nõuded kattega elektroodide klassifitseerimiseks puhta termotöödeldud keevismetalli alusel ferriitsete ja martensiitsete roomavuskindlate ja madallegeeritud kõrgematel temperatuuridel töötavate teraste käsikaarkeevituse korral.

Keel en

Asendab EVS-EN 1599:1999

### **prEN ISO 14341 rev**

Identne prEN ISO 14341:2007  
ja identne ISO 14341:2002  
Tähtaeg 30.12.2007

### **Tööstuslikud ventiilid. Terasest tagasilöögiklapid**

This International Standard specifies requirements for classification of wire electrodes in the as-welded condition and in the post weld heat-treated condition for gas shielded metal arc welding of non alloy and fine grain steels with a minimum yield strength of up to 500 N/mm<sup>2</sup> or a minimum tensile strength of up to 570 N/mm<sup>2</sup>. One wire electrode can be tested and classified with different shielding gases. This document constitutes a combined specification providing classification utilizing a system based upon the yield strength and the average impact energy of 47 J of all-weld metal, or utilizing a system based upon the tensile strength and the average impact energy of 27 J of all-weld metal.

Keel en

Asendab EVS-EN 440:1999

### **prEN ISO 15011-2 rev**

Identne prEN ISO 15011-2:2007  
ja identne ISO/DIS 15011-2:2007  
Tähtaeg 30.12.2007

### **Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 2: Determination of emission rates of gases, except ozone, during arc welding, cutting and gouging**

This standard defines laboratory methods for measuring the emission rates of gases, except ozone, that can be generated during arc welding, cutting and gouging, using a hood technique. The methodology is suitable for use with all open arc welding processes, cutting and gouging but different designs of hood are used depending on the process and whether or not it can be conducted automatically. Suitable hood arrangements and methods for sampling and analysing the gases are described. The following gases that can be generated by arc welding, cutting and gouging are covered in this standard:

- Carbon monoxide (CO);
- Carbon dioxide (CO<sub>2</sub>);
- Nitrogen oxide (NO);
- Nitrogen dioxide (NO<sub>2</sub>).

Ozone is covered in ISO 15011-3.

The methods cannot be used to determine the emission rates of organic gases.

Keel en

Asendab EVS-EN ISO 15011-2:2003

### **prEN ISO 15792-1 rev**

Identne prEN ISO 15792-1:2007  
ja identne ISO 15792-1:2000  
Tähtaeg 30.12.2007

### **Keevitumaterjalid. Katsemeetodid. Osa 1: Kontrollliited terasele, niklile ja niklisulamitele puhta keevismetalli katsekehade valmistamiseks**

Käesolev standard määrab kindlaks kontroll-liite ja katsekehade ettevalmistamise. Eesmärgiks on kaarkeevituse korral terase, nikli ja niklisulamite puhta keevismetalli mehaaniste omaduste määramine, kui see on nõutav keevituse lisamaterjalide klassifitseerimise standardi kohaselt või teistel eesmärkidel.

Keel en

Asendab EVS-EN 1597-1:1999

### **prEN ISO 15792-2 rev**

Identne prEN ISO 15792-2:2007  
ja identne ISO 15792-2:2000  
Tähtaeg 30.12.2007

### **Keevitumaterjalid. Katsemeetodid. Osa 2: Kontrollliidete ettevalmistamine terasest ühe ja kahe läbimiga keevitatud katsekehadele**

Käesolev standard määrab kindlaks pökk-õmbluse kontroll-liite ja katsekehade ettevalmistamise. Eesmärgiks on kindlaks määrata testimismeetodid selleks, et määrata keeviliite tugevus ja löögisiskus keevitusmaterjalide testimisel kaarkeevitusel rübustis ja täidistraadiga kasutades ühe keevis- või kahe keevisläbimiga keevitust. Standardit kehtib terase kaarkeevitusel kasutatavatele keevitusmaterjalide kohta.

Keel en

Asendab EVS-EN 1597-2:1999

### prEN ISO 15792-3 rev

Identne prEN ISO 15792-3:2007

ja identne ISO 15792-3:2000 including Cor 1:2006

Tähtaeg 30.12.2007

#### **Keevitusmaterjalid. Katsemeetodid. Osa 3: Keevitusmaterjalide asendiomaduste katsetamine nurkõmbluste korral**

Käesolev standard määrab kindlaks kontroll-liite ettevalmistamise ja testimistulemuste hindamise. Selle standardi eesmärgiks on kattega elektroodide ja täidistraatide asendiomaduste testimine. Teostatavuse korral tuleb nurkõmbluste teha rõht-, püst-, alt-üles- ja laeasendis. Seda standardit kohaldatakse terase kaarkeevituse keevitusmaterjalide korral.

Keel en

Asendab EVS-EN 1597-3:1999

### prEN ISO 17632 rev

Identne prEN ISO 17632:2007

ja identne ISO 17632:2004

Tähtaeg 30.12.2007

#### **Welding consumables - Tubular cored electrodes for gas shielded and non-gas shielded metal arc welding of non-alloy and fine grain steels - Classification**

This International Standard specifies requirements for classification of tubular cored electrodes with or without a gas shield for metal arc welding of non-alloy and fine grain steels in the as-welded condition or in the postweld heat-treated condition with a minimum yield strength of up to 500 MPa or a minimum tensile strength of up to 570 MPa. One tubular cored electrode can be tested and classified with different shielding gases, if any. This International Standard is a combined specification providing classification utilizing a system based upon the yield strength and the average impact energy of 47 J of all-weld metal, or utilizing a system based upon the tensile strength and the average impact energy of 27 J of all-weld metal.

Keel en

Asendab EVS-EN 758:1999

### prEN ISO 22829

Identne prEN ISO 22829:2007

ja identne ISO 22829:2007

Tähtaeg 30.12.2007

#### **Resistance welding - Transformer-rectifier for welding guns with integrated transformers - Transformer-rectifier units operating at 1000 Hz frequency**

This International Standard is applicable to transformer-rectifier units as used in electric resistance welding machines operating from a power supply with a frequency of 1 000 Hz, and of a rated value of the input voltage equal to or higher than 500 V. These transformer-rectifier units are primarily used in welding guns with an integrated transformer. For these transformer units, this International Standard supplements the requirements given in ISO 5826 and ISO 10656, which remain applicable except where amended by this International Standard.

Keel en

## 27 ELEKTRI- JA SOOJUSENERGEETIKA

### UUED STANDARDID

#### **EVS-EN 13771-2:2007**

Hind 162,00

Identne EN 13771-2:2007

#### **Compressors and condensing units for refrigeration - Performance testing and test methods - Part 2: Condensing units**

This part of EN 13771 applies only to condensing units for refrigeration and describes a number of selected performance test methods. These methods provide sufficiently accurate results for the determination of the refrigerating capacity, power absorbed, refrigerant mass flow, isentropic efficiency and the coefficient of performance.

Keel en

### KAVANDITE ARVAMUSKÜSITLUS

#### **EN 437:2006/prA1**

Identne EN 437:2003/prA1:2007

Tähtaeg 30.12.2007

#### **Katsetamisgaasid. Proovirõhud. Tarvitite kategooriad**

Standard kirjeldab katsetamisgaase, proovirõhkusid ja tarvitite kategooriaid vastavalt esimese, teise ja kolmanda perekonna gaaside kasutamisel. Standard annab võimaluse viideteks konkreetsete gaasitarvitite standardites, mis kuuluvad liikmesmaade seaduste ühtlustamiseks nõukogu direktiivis (90/396/EÜ) toodud gaasitarvitite määratluse alla.

Keel en

## 29 ELEKTROTEHNIKA

### KAVANDITE ARVAMUSKÜSITLUS

#### **CLC/prTR 62125**

Identne CLC/prTR 62125:2007

ja identne IEC/TR 62125:2007

Tähtaeg 30.12.2007

#### **Environmental statement specific to IEC/TC 20 - Electric cables**

IEC/TR 62125, which is a technical report, is intended to give assistance to standard-writers of IEC Technical Committee 20, to take into account the relevant environmental aspects as far as they are specific to electric cables in normal use. It also assists them to keep in mind a clear methodology when considering these aspects and when checking possible interaction of the normative requirements with the environment. Also, these guidelines assist standardwriters to avoid too simple or too stringent requirements that might not achieve a favourable global result. This technical report, by its very nature, is not prescriptive and does not limit innovation.

Keel en



**EN 60357:2003/prA2**

Identne EN 60357:2003/prA2:2007  
ja identne IEC 60357:2002/A2:200X  
Tähtaeg 30.12.2007

**Halogeenhõõglambid (mitte sõidukitele)**

Specifies dimensions and characteristics of tungsten halogen lamps, designed specifically for the following applications: projection, photographic (including studio), flood lighting, specialized airfield purpose and general purpose. This is a loose-leaf publication; supplements, containing new and revised sheets, are issued from time to time.

Keel en

**EN 60810:2004/prA1**

Identne EN 60810:2003/prA1:2007  
ja identne IEC 60810:2003/A1:200X  
Tähtaeg 30.12.2007

**Lamps for road vehicles - Performance requirements**

One of a series of IEC standards for incandescent lamps to be used in headlamps, fog-lamps and signalling lamps of road vehicles

Keel en

**EN 60947-2:2006/prA1**

Identne EN 60947-2:2006/prA1:2007  
ja identne IEC 60947-2:2006/A1:200X  
Tähtaeg 30.12.2007

**Madalpingelised lülitusaparaadid. Osa 2: Kaitselülitid**

This standard applies to circuit-breakers, the main contacts of which are intended to be connected to circuits, the rated voltage of which does not exceed 1 000 V a.c. or 1 500 V d.c.; it also contains additional requirements for integrally fused circuit-breakers. It applies whatever the rated currents, the method of construction or the proposed applications of the circuit-breakers may be.

Keel en

**prEN 60641-3-1**

Identne prEN 60641-3-1:2007  
ja identne IEC 60641-3-1:200X  
Tähtaeg 30.12.2007

**Specification for pressboard and presspaper for electrical purposes -- Part 3: Specifications for individual materials -- Sheet 1: Requirements for pressboard, types B.0.1, B.0.3, B.2.1, B.2.3, B.3.1, B.3.3, B.4.1, B.4.3, B.5.1, B.5.3 and B.6.1**

This International Standard gives the requirements for pressboard for electrical purposes comprised of 100% sulphate wood pulp or a mixture of sulphate wood pulp and cotton.

Keel en

Asendab EVS-EN 60641-3-1:2002

**prEN 61788-6**

Identne prEN 61788-6:2007  
ja identne IEC 61788-6:200X  
Tähtaeg 30.12.2007

**Superconductivity -- Part 6: Mechanical properties measurement - Room temperature tensile test of Cu/Nb-Ti composite superconductors**

This part of IEC 61788 covers a test method detailing the tensile test procedures to be carried out on Cu/Nb-Ti superconductive composite wires at room temperature. This test is used to measure modulus of elasticity, 0,2 % proof strength of the composite due to yielding of the copper component, and tensile strength. The value for percentage elongation after fracture and the second type of 0,2 % proof strength due to yielding of the Nb-Ti component serves only as a reference (see Clauses A.1 and A.2). The sample covered by this test procedure has a round or rectangular cross-section with an area of 0,15 mm<sup>2</sup> to 2 mm<sup>2</sup> and a copper to superconductor volume ratio of 1,0 to 8,0 and without the insulating coating.

Keel en

Asendab EVS-EN 61788-6:2002

**prEN ISO 22829**

Identne prEN ISO 22829:2007  
ja identne ISO 22829:2007  
Tähtaeg 30.12.2007

**Resistance welding - Transformer-rectifier for welding guns with integrated transformers - Transformer-rectifier units operating at 1000 Hz frequency**

This International Standard is applicable to transformer-rectifier units as used in electric resistance welding machines operating from a power supply with a frequency of 1 000 Hz, and of a rated value of the input voltage equal to or higher than 500 V. These transformer-rectifier units are primarily used in welding guns with an integrated transformer. For these transformer units, this International Standard supplements the requirements given in ISO 5826 and ISO 10656, which remain applicable except where amended by this International Standard.

Keel en

## 31 ELEKTROONIKA

**KAVANDITE ARVAMUSKÜSITLUS****CLC/prTR 50454**

Identne CLC/prTR 50454:2007  
Tähtaeg 30.12.2007

**Guide for the application of aluminium electrolytic capacitors**

This Technical Report applies to components as described in the scope of the following standards: EN 60384-4 Fixed capacitors for use in electronic equipment - Part 4: Sectional specification - Aluminium electrolytic capacitors with solid (MnO<sub>2</sub>) and non-solid electrolyte  
EN 137100 Sectional Specification: Fixed aluminium electrolytic a.c. Capacitors with non-solid electrolyte for motor starter applications - Qualification approval  
The information given in these documents apply to capacitors with non-solid electrolyte but may, in its appropriate clauses, apply to capacitors with solid electrolyte as well. In cases of doubt, the application of this document shall be discussed between the user and the manufacturer of the components.

Keel en

### **prEN 60603-7-1**

Identne prEN 60603-7-1:2007  
ja identne IEC 60603-7-1:200X  
Tähtaeg 30.12.2007

#### **Connectors for electronic equipment -- Part 7-1: Detail specification for 8-way, shielded, free and fixed connectors**

This part of IEC 60603-7 covers 8-way shielded free and fixed connectors. It specifies the dimensions, mechanical, electrical and environmental characteristics and tests, in relation to the shield, additional to those in IEC 60603-7. These connectors are intermateable and interoperable with other IEC 60603-7 series connectors as defined in chapter 2 of IEC 60603-7.

Keel en

Asendab EVS-EN 60603-7-1:2003

### **prEN 60749-38**

Identne prEN 60749-38:2007  
ja identne IEC 60749-38:200X  
Tähtaeg 30.12.2007

#### **Semiconductor devices - Mechanical and climatic test methods -- Part 38: Soft error test method for semiconductor devices with memory**

This part of IEC 60749 establishes a procedure for measuring the data retention capability of semiconductor devices with memory when subjected to energetic particles such as alpha radiation. Two tests are described; an accelerated test using an alpha radiation source and an (unaccelerated) real-time system test where any errors are generated under conditions of naturally occurring radiation which can be alpha or other radiation such as neutron. To completely characterize the soft error capability of an integrated circuit with memory, the device must be tested for broad high energy spectrum and thermal neutrons using additional test methods. This test method may be applied to any type of integrated circuit with memory device.

Keel en

## **33 SIDETEHNIKA**

### **UUED STANDARDID**

#### **EVS-EN 300 392-3-5 V1.3.1:2007**

Hind 508,00  
Identne EN 300 392-3-5 V1.3.1:2007

#### **Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 3: Interworking at the Inter-System Interface (ISI); Sub-part 5: Additional Network Feature for Mobility Management (ANF-ISIMM)**

Keel en

#### **EVS-EN 300 392-2 V3.2.1:2007**

Hind 659,00  
Identne EN 300 392-2 V3.2.1:2007

#### **Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 2: Air Interface (AI)**

Keel en

#### **EVS-EN 300 392-12-1 V1.2.2:2007**

Hind 233,00  
Identne EN 300 392-12-1 V1.2.2:2007

#### **Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 12: Supplementary services stage 3; Sub-part 1: Call Identification (CI)**

Keel en

#### **EVS-EN 300 720-1 V1.3.2:2007**

Hind 221,00  
Identne EN 300 720-1 V1.3.2 :2007

#### **Electromagnetic compatibility and Radio spectrum Matters (ERM); Ultra-High Frequency (UHF) on-board vessels communications systems and equipment; Part 1: Technical characteristics and methods of measurement**

Keel en

#### **EVS-EN 301 489-24 V1.4.1:2007**

Hind 180,00  
Identne EN 301 489-24 V1.4.1:2007

#### **Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Raadioseadmete ja raadiosidevahendite elektromagnetilise ühilduvuse (EMC) standard; Osa 24: Eritingimused IMT-2000 otsese hajutamise CDMA (UTRA) liikuvatele ja teisaldatavatele (UE) raadioseadmetele ja nende lisaseadmetele**

Keel en

#### **EVS-EN 301 908-4 V3.2.1:2007**

Hind 233,00  
Identne EN 301 908-4 V3.2.1 :2007

#### **Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Kolmanda põlvkonna mobiilsidevõrgu IMT-2000 baasjaamad (BS), repiiterid ja kasutajaseadmed (UE); Osa 4: IMT-2000, mitme kandjaga CDMA (cdma2000) (UE) põhinõuded, harmoneeritud EN R&TTE direktiivi artikli 3.2 alusel**

Keel en

#### **EVS-EN 301 908-5 V3.2.1:2007**

Hind 221,00  
Identne EN 301 908-5 V3.2.1:2007

#### **Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Kolmanda põlvkonna mobiilsidevõrgu IMT-2000 baasjaamad (BS), repiiterid ja kasutajaseadmed (UE); Osa 5: IMT-2000, mitme kandjaga CDMA (cdma2000) (BS ja repiiterid) põhinõuded, harmoneeritud EN R&TTE direktiivi artikli 3.2 alusel**

Keel en

#### **EVS-EN 301 908-6 V3.2.1:2007**

Hind 208,00  
Identne EN 301 908-6 V3.2.1:2007

#### **Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Kolmanda põlvkonna mobiilsidevõrgu IMT-2000 baasjaamad (BS), repiiterid ja kasutajaseadmed (UE); Osa 6: IMT-2000, CDMA TDD (UTRA TDD) (UE) põhinõuded, harmoneeritud EN R&TTE direktiivi artikli 3.2 alusel**

Keel en

#### **EVS-EN 302 217-2-2 V1.2.3:2007**

Hind 286,00  
Identne EN 302 217-2-2 V1.2.3:2007

#### **Paiksed raadiosüsteemid; Raadioliinide seadmete ja antennide karakteristikud ja nõuded; Osa 2-2: Koordineeritavates raadiosagedusalades töötavate digitaalsüsteemide harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel**

Keel en

## **KAVANDITE ARVAMUSKÜSITLUS**

### **EN 61000-3-2:2006/prA2**

Identne EN 61000-3-2:2006/prA2:2007 (fragment 6)  
ja identne IEC 61000-3-2:2005/A2:200X (fragment 6)  
Tähtaeg 30.12.2007

### **Elektromagnetiline ühilduvus. Osa 3-2: Piirväärtused. Vooluharmonooniliste emissiooni lubatavad piirid (seadmetel sisendvooluga kuni 16 A faasi kohta)**

This part of IEC 61000 deals with the limitation of harmonic currents injected into the public supply system. It specifies limits of harmonic components of the input current which may be produced by equipment tested under specified conditions.

Keel en

### **EN 62271-110:2005/prA1**

Identne EN 62271-110:2005/prA1:2007  
ja identne IEC 62271-110:2005/A1:200X  
Tähtaeg 30.12.2007

### **High-voltage switchgear and controlgear -- Part 110: Inductive load switching**

This International Standard is applicable to a.c. circuit-breakers designed for indoor or outdoor installation, for operation at frequencies of 50 Hz and 60 Hz on systems having voltages above 1000 V and applied for inductive current switching with or without additional short-circuit current breaking duties. The standard is applicable to circuit-breakers in accordance with IEC 62271-100 that are used to switch high-voltage motor currents and shunt reactor currents and also to high-voltage contactors used to switch high-voltage motor currents [1] 3.

Keel en

### **EN 300 468 V1.8.1**

Identne EN 300 468 V1.8.1:2007  
Tähtaeg 21.12.2007

### **Digital Video Broadcasting (DVB); Specification for Service Information (SI) in DVB systems**

Keel en

### **EN 301 447 V1.1.1**

Identne EN 301 447 V1.1.1:2007  
Tähtaeg 21.12.2007

### **Satellite Earth Stations and Systems (SES); Harmonized EN for satellite Earth Stations on board Vessels (ESVs) operating in the 4/6 GHz frequency bands allocated to the Fixed Satellite Service (FSS) covering essential requirements of article 3.2 of the R&TTE directive**

Keel en

### **EN 302 194-2 V1.1.2**

Identne EN 302 194-2 V1.1.2:2007  
Tähtaeg 21.12.2007

### **Electromagnetic compatibility and Radio spectrum Matters (ERM); Navigation radar used on inland waterways; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive**

Keel en

### **EN 302 217-3 V1.2.1**

Identne EN 302 217-3 V1.2.1:2007  
Tähtaeg 21.12.2007

### **Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 3: Harmonized EN covering essential requirements of Article 3.2 of R&TTE Directive for equipment operating in frequency bands where simplified or no frequency co-ordination procedures are applied**

Keel en

### **EN 302 326-3 V1.3.1**

Identne EN 302 326-3 V1.3.1:2007  
Tähtaeg 21.12.2007

### **Fixed Radio Systems; Multipoint Equipment and Antennas; Part 3: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive for Multipoint Radio Antennas**

Keel en

### **EN 302 448 V1.1.1**

Identne EN 302 448 V1.1.1:2007  
Tähtaeg 21.12.2007

### **Satellite Earth Stations and Systems (SES); Harmonized EN for tracking Earth Stations on Trains (ESTs) operating in the 14/12 GHz frequency bands covering essential requirements under article 3.2 of the R&TTE directive**

Keel en

### **EN 302 537-1 V1.1.2**

Identne EN302 357-1 V1.1.2:2007  
Tähtaeg 21.12.2007

### **Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Ultra Low Power Medical Data Service Systems operating in the frequency range 401 MHz to 402 MHz and 405 MHz to 406 MHz; Part 1: Technical characteristics and test methods**

Keel en

### **EN 302 537-2**

Identne EN 302 537-2 V1.1.2:2007  
Tähtaeg 21.12.2007

### **Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Ultra Low Power Medical Data Service Systems operating in the frequency range 401 MHz to 402 MHz and 405 MHz to 406 MHz; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**prEN 60749-37**

Identne prEN 60749-37:2007  
 ja identne IEC 60749-37:200X  
 Tähtaeg 30.12.2007

**Semiconductor devices - Mechanical and climatic test methods -- Part 37: Board level drop test method using an accelerometer**

This part of IEC 60749 provides a test method that is intended to evaluate and compare drop performance of surface mount electronic components for handheld electronic product applications in an accelerated test environment, where excessive flexure of a circuit board causes product failure. The purpose is to standardize the test board and test methodology to provide a reproducible assessment of the drop test performance of surface-mounted components while producing the same failure modes normally observed during product level test. The purpose of this standard is to prescribe a standardized test method and reporting procedure. This is not a component qualification test and is not meant to replace any system level drop test that may be needed to qualify a specific handheld electronic product. The standard is not meant to cover the drop test required to simulate shipping and handling related shock of electronic components or PCB assemblies. These requirements are already addressed in test methods such as IEC 60749-10. The method is applicable to both area array and perimeter-leaded surface mounted packages.

Keel en

**prEN 60794-2-20**

Identne prEN 60794-2-20:2007  
 ja identne IEC 60794-2-20:200X  
 Tähtaeg 30.12.2007

**Optical fibre cables -- Part 2-20: Indoor optical fibre cables - Family specification for multi-fibre optical distribution cables**

This part of IEC 60794 is a family specification covering multi-fibre optical distribution cables for indoor use. The requirements of the Sectional specification IEC 60794-2 are applicable to cables covered by this standard. Requirements for cables subject to the MICE environmental classification (i.e. Industrial Premises in ISO/IEC 24702) have been added to the Blank Detail Specification in Annex C.

Keel en

Asendab EVS-EN 60794-2-20:2003

**prEN 60794-3-40**

Identne prEN 60794-3-40:2007  
 ja identne IEC 60794-3-40:200X  
 Tähtaeg 30.12.2007

**Optical fibre cables -- Part 3-40: Outdoor optical fibre cables - Family specification for sewer cables and conduits for installation by blowing and/or pulling in non-man accessible storm and sanitary sewers**

This document is a family specification that covers sewer cables and conduits for installation by blowing and/or pulling in non-man accessible storm and sanitary sewers, also applicable for man-accessible and lateral ones. Systems built with components covered by this standard are subject to the requirements of sectional specification IEC 60794-3. Sewer cable and conduit constructions have to meet the different requirements of the sewer operating companies and / or associations regarding chemical, environmental, operational, cleaning and in general maintenance conditions. A table of preferential applications, describing sewer cable characteristics versus methods of installation is reported in Annex A for non-man accessible sewers. Clause 4 describes a blank detail specification for sewer cables and conduits for installation by blowing and/or pulling in storm and sanitary sewers. It incorporates some minimum requirements. Detail specifications may be prepared on the basis of this family specification.

Keel en

**prEN 60794-3-50**

Identne prEN 60794-3-50:2007  
 ja identne IEC 60794-3-50:200X  
 Tähtaeg 30.12.2007

**Optical fibre cables -- Part 3-50: Outdoor optical fibre cables - Family specification for gas pipe cables and subducts for installation by blowing and/or pulling/dragging in/into gas pipes**

This document is a family specification that covers gas pipe cables and sub-ducts for installation by blowing and/or pulling / dragging in high pressure gas pipes. Systems built with components covered by this standard are subject to the requirements of sectional specification IEC 60794-3. Gas pipe cable and sub-duct constructions have to meet the different requirements of the gas companies and/or associations regarding chemical, environmental, operational interactions and in general maintenance conditions. I / O – ports for the in- and outlet of the gas pipe cables and / or subducts is housing the sealing system assuring the absolute gas tightness preventing any gas leakage due to the installation of the gas pipe cables into the gas pipes. A table of preferential applications, describing gas pipe cable characteristics versus methods of installation is reported in Annex A for high pressure gas pipe cables. Clause 4 describes a blank detail specification for gas pipe cables and sub-ducts for installation by blowing and/or pulling / dragging in/into high pressure gas pipes. It incorporates some minimum requirements. Detail specifications may be prepared on the basis of this family specification.

Keel en

### **prEN 60794-3-60**

Identne prEN 60794-3-60:2007  
ja identne IEC 60794-3-60:200X  
Tähtaeg 30.12.2007

#### **Optical fibre cables -- Part 3-60: Outdoor optical fibre cables - Family specification for drinking water pipe cables and sub-ducts for installation by blowing and/or pulling/dragging in / floating into drinking water pipes**

This document is a family specification that covers drinking water pipe cables and sub-ducts for installation by blowing and/or pulling / dragging in drinking water pipes. Systems built with components covered by this standard are subject to the requirements of sectional specification IEC 60794-3. Drinking water pipe cable and sub-duct constructions have to meet the different requirements of the drinking water companies and/or associations regarding chemical, environmental, operational interactions and in general maintenance conditions. A table of preferential applications, describing drinking water pipe cable characteristics versus methods of installation is reported in Annex A for drinking water pipe cables. Clause 4 describes a blank detail specification for drinking water pipe cables and sub-ducts for installation by blowing and/or pulling/dragging in /floating into drinking water pipes. It incorporates some minimum requirements. Detail specifications may be prepared on the basis of this family specification.

Keel en

### **prEN 61300-3-3**

Identne prEN 61300-3-3:2007  
ja identne IEC 61300-3-3:200X  
Tähtaeg 30.12.2007

#### **Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 3-3: Examinations and measurements - Active monitoring of changes in attenuation and return loss**

This part of IEC 61300 describes the procedure to monitor changes in attenuation and/or return loss of a component or an interconnecting device, when subjected to an environmental or mechanical test. Such a procedure is commonly referred to as active monitoring. In many instances, it is more efficient to monitor attenuation and return loss at the same time. The procedure may be applied to measurements on single samples or to simultaneous measurements on multiple samples, both at single wavelengths and multiple wavelengths, by using branching devices and/or switches as appropriate.

Keel en

Asendab EVS-EN 61300-3-3:2003

### **prEN 61300-3-6**

Identne prEN 61300-3-6:2007  
ja identne IEC 61300-3-6:200X  
Tähtaeg 30.12.2007

#### **Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 3-6: Examinations and measurements - Return loss**

This part of IEC 61300 presents procedures for the measurement of the return loss (RL) of a fibre optic device under test (DUT). RL, as used in this standard, is the ratio of the power ( $P_i$ ) incident on, or entering, the DUT to the total power reflected ( $P_r$ ) by the DUT. Return loss is a positive number.

Keel en

Asendab EVS-EN 61300-3-6:2003

### **prEN 61300-3-34**

Identne prEN 61300-3-34:2007  
ja identne IEC 61300-3-34:200X  
Tähtaeg 30.12.2007

#### **Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 3-34: Examinations and measurements - Attenuation of random mated connectors**

The purpose of this part of IEC 61300 is to describe the procedure required to measure the statistical distribution and mean attenuation for random mated optical connectors. In this context the term attenuation can also be referred to as insertion loss.

Keel en

Asendab EVS-EN 61300-3-34:2002

### **prEN 61754-25**

Identne prEN 61754-25:2007  
ja identne IEC 61754-25:200X  
Tähtaeg 30.12.2007

#### **Fibre optic connector interfaces -- Part 25: Type RAO connector family**

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

Keel en

## **35 INFOTEHNOLOOGIA. KONTORISEADMED**

### **UUED STANDARDID**

#### **CEN/TR 15640:2007**

Hind 208,00

Identne CEN/TR 15640:2007

#### **Health informatics - Measures for ensuring the patient safety of health software**

This document specifies the control measures required to ensure patient safety in respect to health software products. It does not apply to software which is: - necessary for the proper application of a medical device or - which is an accessory to a medical device or - which is a medical device in its own right. The document is aimed at identifying what standards might best be used or created, and their nature, if health software products were to be regulated or controlled in some other formal or informal or voluntary manner whether national, regional or local. However it is not the purpose of this document to recommend whether or not health software products should be regulated.

Keel en

## **EVS-EN 13606-2:2007**

Hind 324,00

Identne EN 13606-2:2007

### **Health informatics - Electronic health record communication - Part 2: Archetypes interchange specification**

This work item consists of the revision of the four part standard ENV 13606 to a full European standard (EN). This standard specifies the information architecture required for interoperable communications between systems and services that need or provide EHR data. This standard is not intended to specify the internal architecture or database design of such systems. The subject of the record or record extract to be communicated is an individual person, and the scope of the communication is predominantly with respect to that person's care. Uses of healthcare records for other purposes such as administration, management, research and epidemiology, which require aggregations of individual people's records, are not the focus of this standard but such secondary uses could also find the standard useful.

Keel en

## **EVS-EN ISO 9241-400:2007**

Hind 221,00

Identne EN ISO 9241-400:2007

ja identne ISO 9241-400:2007

### **Ergonomics of human-system interaction - Part 400: Principles and requirements for physical input devices**

This part of ISO 9241 gives guidelines for physical input devices for interactive systems. It provides guidance based on ergonomic factors for the following input devices: keyboards, mice, pucks, joysticks, trackballs, trackpads, tablets and overlays, touch sensitive screens, styli, light pens, voice controlled devices, and gesture controlled devices. This part of ISO 9241 defines and formulates ergonomic principles valid for the design and use of input devices. These principles are to be used to generate recommendations for the design of products and for their use. This part of ISO 9241 defines relevant terms for the entire 400 series of ISO 9241. For some applications, e.g. in areas where safety is the major concern, other additional principles may apply and take precedence over the guidance given here.

Keel en

## **KAVANDITE ARVAMUSKÜSITLUS**

### **ISO/IEC 18028-1**

ja identne ISO/IEC 18028-1:2006

Tähtaeg 29.11.2007

#### **Infotehnoloogia. Turbemeetodid.**

#### **Infotehnoloogiavõrkude turve. Osa 1: Võrguturbe haldus**

ISO/IEC 18028-1 annab suuniseid võrkude ja side kohta, hõlmates infosüsteemide võrkude endi ühendamise turvaaspekte ja kaugkasutajate võrkudesse ühendamise turvaaspekte. Ta on suunatud neile, kes vastutavad üldise infoturbe halduse ja eriti võrguturbe halduse eest. Need suunised aitavad piiritleda ja analüüsida sidega seotud tegureid, mida tuleks arvestada võrguturbe nõuete väljaselgitamiseks, tutvustab seda, kuidas tuvastada sidevõrguühendustega seotud turvalisuse seisukohalt sobivad turbealad, ning annab ülevaate võimalikest turbealadest, hõlmates neid tehnilise projekteerimise ja teostamise teemasid, mida detailselt käsitletakse ISO/IEC 18028 järgmistes osades.

## **ISO/IEC 20000-2**

ja identne ISO/IEC 20000-2:2005

Tähtaeg 29.11.2007

### **Infotehnoloogia. Teenuste haldus. Osa 2: Praktiline tegevusjuhend**

Standardi see osa käsitleb IT teenuste haldusprotsesside kvaliteedistandardite tööstuslikku konsensust. Käesolevad teenuste halduse protsessid tarnivad kliendi äri vajadustele vastava parima võimaliku teenuse, mis jääb kokkulepitud ressursside piiresse, nt teenuse, mis on professionaalne, kulutasuv ja milles saadakse riskidest aru ning neid hallatakse.

### **ISO/IEC 18028-2**

ja identne ISO/IEC 18028-2:2006

Tähtaeg 29.11.2007

#### **Infotehnoloogia. Turbemeetodid.**

#### **Infotehnoloogiavõrkude turve. Osa 2: Võrguturbe arhitektuur**

ISO/IEC 18028 see osa määratleb võrguturbe arhitektuuri, millega tagada võrgu turvalisus otspunktist otspunktini. Seda arhitektuuri saab rakendada mitmesugust tüüpi võrkudes, kus probleemiks on turvalisus otspunktist otspunktini, ja sõltumatult võrgu aluseks olevast tehnoloogiast. ISO/IEC 18028 selle osa eesmärk on olla aluseks üksikasjalike soovituste väljatöötamisel otspunktide vahelise turbe kohta.

### **ISO/IEC 18028-3**

ja identne ISO/IEC 18028-3:2005

Tähtaeg 29.11.2007

#### **Infotehnoloogia. Turbemeetodid.**

#### **Infotehnoloogiavõrkude turve. Osa 3:**

#### **Võrkudevahelise side turve turvalüüside abil**

ISO/IEC 18028 see osa annab ülevaate mitmesugustest turvalüüsidest kasutatavaist meetoditest ja komponentidest ning turvalüüside arhitektuuri eri tüüpidest. Ta annab ka juhiseid turvalüüside valimiseks ja konfigureerimiseks.

### **ISO/IEC 18028-4**

ja identne ISO/IEC 18028-4:2005

Tähtaeg 29.11.2007

#### **Infotehnoloogia. Turbemeetodid.**

#### **Infotehnoloogiavõrkude turve. 4. osa. Kaugpöörduse turve**

ISO/IEC 18028 see osa annab juhiseid kaugpöörduse turvalise kasutamise kohta; kaugpöördus on meetod arvuti kaugühendamiseks avalike võrkude abil teise arvuti või võrguga ja ta mõjutab infotehnoloogia turvalisust. Ta tutvustab seejuures mitmesuguseid kaugpöörduse tüüpe, hõlmates ka kasutatavaid protokolle, käsitleb kaugpöördusega seotud autentimisküsimusi ning aitab kaugpöördust turvaliselt korraldada. Ta on mõeldud abistama võrguadministraatoreid ja tehnilist personali, kes plaanivad sedalaadi ühenduse kasutamist või kellel see on juba kasutusel, kuid kes vajavad nõu selle kohta, kuidas seda turvaliselt korraldada ja turvaliselt käitada.

### **ISO/IEC 18028-5**

Tähtaeg 29.11.2007

#### **Infotehnoloogia. Turbemeetodid.**

#### **Infotehnoloogiavõrkude turve. Osa 5:**

#### **Võrkudevahelise side turve virtuaalsete privaatvõrkude abil**

ISO/IEC 18028 see osa annab detailseid juhiseid turvaaspektide kohta VPN-ühenduste kasutamisel võrkude kokkuühendamiseks või kaugkasutajate ühendamiseks võrkudega. Ta on rajatud võrguhalduse juhistele, mida annab ISO/IEC 18028-1.

### ISO/IEC 20000-1

ja identne ISO/IEC 20000-1:2005

Tähtaeg 29.11.2007

#### Infotehnoloogia. Teenuste haldus. Osa 1:

##### Spetsifikatsioon

See osa ISO/IEC 20000 standardist määratleb teenusepakkujale esitatud nõuded kliendile vastuvõetava kvaliteediga hallatud teenuste tarnimiseks oma klientidele. Seda võivad kasutada: a) ettevõtted, mis koostavad pakkumiskutse teenuste sisseostmiseks; b) ettevõtted, mis vajavad ühilduvat lähenemisviisi kõigis tarneahelas asuvate teenusepakkujate poolt; c) teenusepakkujad, et võrdlevalt analüüsida oma IT teenuste haldust; d) ettevõtteid iseseisvaks hindamiseks; e) organisatsioon, millel on vaja demonstreerida suutlikkust pakkuda kliendi nõuetele vastavaid teenuseid; ja f) organisatsioon, mille eesmärk on teenust edasi arendada läbi protsesside tulemusliku rakendamise, teenuse seire ja teenuste kvaliteedi juhtimise.

##### prCEN/TS 15722

Identne prCEN/TS 15722:2007

Tähtaeg 30.12.2007

#### Road transport and traffic telematics - ESafety - ECall minimum set of data (MSD)

This Technical Specification defines the standard data concepts that comprise the "Minimum Set of Data" to be transferred from a vehicle to a "Public Safety Answering Point" (PSAP) in the event of a crash or emergency via an "eCall" communication session.

Keel en

##### prEN 1332-3 rev

Identne prEN 1332-3:2007

Tähtaeg 30.12.2007

#### Identifitseerimiskaartide süsteemid. Inimene-seade-liides. Osa 3: Klaviatuur

This European Standard covers the ergonomic layout and usability of keypads. The keypad may consist of numeric, command, function and alphanumeric keys. On the basis that keypad layout impacts performance (keying speed, and errors), this European Standard aims to:

- enhance usability;
- ensure ease of use through consistency;
- increase customer confidence;
- reduce customer error;
- improve operating time;
- ensure ergonomic data entry.

Keel en

Asendab EVS-EN 1332-3:2000

##### prEN ISO 19131

Identne prEN ISO 19131:2007

ja identne ISO 19131:2007

Tähtaeg 30.12.2007

#### Geographic information - Data product specifications

This International Standard describes requirements for the specification of geographic data products, based upon the concepts of other ISO 19100 International Standards. It also provides help in the creation of data product specifications, so that they are easily understood and fit for their intended purpose.

Keel en

### prEN ISO 19137

Identne prEN ISO 19137:2007

ja identne ISO 19137:2007

Tähtaeg 30.12.2007

#### Geographic information - Core profile of the spatial schema

This International Standard defines a core profile of the spatial schema specified in ISO 19107 that specifies, in accordance with ISO 19106, a minimal set of geometric elements necessary for the efficient creation of application schemata. This International Standard supports many of the spatial data formats and description languages already developed and in broad use within several nations or liaison organizations.

Keel en

## 43 MAANTEESÕIDUKITE EHITUS

### KAVANDITE ARVAMUSKÜSITLUS

#### EN 12252:2006/prA1

Identne EN 12252:2005/prA1:2007

Tähtaeg 30.12.2007

#### LPG equipment and accessories - Equipping of LPG road tankers

This European Standard specifies equipment and accessories for road tankers used for the transport of Liquefied Petroleum Gas (LPG) and identifies the equipment that is considered necessary to ensure that filling, transportation and discharge operations can be carried out safely.

Keel en

#### prEN 1865-1 rev

Identne prEN 1865-1:2007

Tähtaeg 30.12.2007

#### Kiirabiautodes kasutatavate kanderaamide ja teiste patsiendi transpordi abivahendite spetsifikatsioonid

Käesolev standard sätestab kiirabiautodes kasutatavatele kanderaamidele ja teistele patsiendi transpordi abivahenditele esitatavaid miinimumnõuded niisugusel viisil, et lisakahjustuste tekke võimalus oleks minimaalne.

Keel en

Asendab EVS-EN 1865:2000

## 45 RAUDTEETEHNIKA

### UUED STANDARDID

#### EVS-EN 15049:2007

Hind 199,00

Identne EN 15049:2007

#### Railway Applications - Suspension components - Torsion bar, steel

This European Standard applies to torsion bars made of steel for anti-roll bar systems used on railway vehicles. This European Standard includes straight and bended torsion bars, but does not detail the other components of the anti-roll bar systems such as levers, bearings, bushes etc.

Keel en

## **EVS-EN 15152:2007**

Hind 171,00

Identne EN 15152:2007

### **Raudteelased rakendused. Juhikabiini esiklaas**

This European Standard specifies the functional requirements for cab windscreens of high speed trains including testing and conformity assessment. The same requirements can be applied to the windscreens of other types of rolling stock if some of the performance criteria are adjusted to suit the application. Such changes should be based on national standards or infrastructure controller's regulations where they exist.

Keel en

## **KAVANDITE ARVAMUSKÜSITLUS**

### **prEN 13979-2**

Identne prEN 13979-2:2007

Tähtaeg 30.12.2007

### **Railway applications - Wheelsets and bogies - Monobloc wheels - Technical approval procedure - Part 2: Cast wheels**

This European Standard defines the requirements for a monobloc wheel of a freight railway vehicle non-powered axle for use on a European network. This European Standard only applies to wheels of new design or new European application. These requirements are intended to assess the validity of the design choice for the proposed use. The assessment of these requirements is the technical approval procedure. This European Standard does not address the quality requirements for cast wheels.

Keel en

### **prEN 15624**

Identne prEN 15624:2007

Tähtaeg 30.12.2007

### **Railway applications - Braking - Empty-loaded changeover devices**

This European Standard is applicable to empty-loaded changeover devices designed to automatically sense when the load of a railway vehicle reaches a defined value (changeover mass), which represents the point at which the vehicle is classed as "loaded" and thereby requires the brake force to be adjusted accordingly to achieve the required brake performance. This Standard also covers manually operated empty-loaded changeover devices and the associated changeover plates. This European Standard specifies the requirements for the design, dimensions, testing and manufacture of empty-loaded changeover devices.

Keel en

### **prEN 15625**

Identne prEN 15625:2007

Tähtaeg 30.12.2007

### **Railway applications - Braking - Automatic variable load sensing devices**

This European Standard applies to automatic variable load sensing devices designed to continuously sense the load of a railway vehicle and provide a signal that can be used by a relay valve for the automatic variation of the air pressure used for brake application, thereby adjusting the brake force accordingly to achieve the required brake performance. This European Standard specifies the requirements for the design, dimensions, testing and manufacture of automatic variable load sensing devices.

Keel en

## **prEN 15718**

Identne prEN 15718:2007

Tähtaeg 30.12.2007

### **Railway applications - Monoblock wheel products - Cast wheels**

This European Standard specifies the characteristics of cast railway wheels for use on European networks. Two steel grades; C ER7 and C ER8, are defined in this standard. For tread braked wheels; only C ER7 is used. This standard is applicable to cast wheels which have a chilled rim<sup>1</sup>). The standard is only applicable to cast wheels that have satisfied the technical approval procedure according to prEN 13979-2. This standard applies only to wheels used in freight wagon applications for speeds up to and including 120 km/h.

Keel en

### **prEN 15723**

Identne prEN 15723:2007

Tähtaeg 30.12.2007

### **Railway applications - Closing and locking devices for payload protecting devices against environmental influences - Requirements for durability, operation, indication, maintenance, recycling**

This standard applies to new and upgraded freight wagons for which a new licence for commissioning is required according to Directive 2001/16/EC article 14, paragraph 3 fitted with closing and locking devices for fixing of movable protecting devices for payload against environmental influences. These protecting devices are classified into 2 categories and this Standard defines the requirements for the durability of the closing and locking devices, their status indication, maintenance and recycling. This standard also defines pass-fail criteria for the dimensioning tests. Provisions going beyond the scope of these requirements shall be agreed by the contracting parties involved. This standard is not applicable to closing and locking devices which are used to ensure a pressure difference or to retain liquids /liquid payloads. It is not applicable to vehicles which are emptied by pressure, nor is it applicable to loose tarpaulins.

Keel en

### **prEN 15734-1**

Identne prEN 15734-1:2007

Tähtaeg 30.12.2007

### **Railway applications - Braking systems of high speed trains - Part 1: Requirements and definitions**

This standard describes the functionality, constraints, performance and operation of a brake system for use in high speed trains as described in the TSI High Speed Rolling Stock, operating on routes of the European railways and their infrastructure systems. This standard covers:

- all new vehicle designs of high speed trains;
- all new constructions of existing vehicle types;
- all major overhauls of the above-mentioned vehicles if they involve redesigning or extensive alteration to the brake system of the vehicle concerned.

This standard does not cover locomotive hauled trains, which are specified by EN 14198. NOTE This document applies the functional subdivision into subsystems as specified in the TSI High speed. The braking system is part of the function: "Accelerate, maintain speed, brake and stop".

Keel en



#### **prEN 15734-2**

Identne prEN 15734-2:2007

Tähtaeg 30.12.2007

#### **Railway applications - Braking systems of high speed trains - Part 2: Test methods**

This standard describes the test methods and acceptance criteria of a brake system for use in high speed trains as described in the TSI High Speed Rolling Stock, operating on routes of the trans-European highspeed rail system. This standard covers:

- all new vehicles of the high speed trains;
- all new constructions of existing vehicle types;
- all major overhauls of the above-mentioned vehicles if they involve redesigning or extensive alteration to the brake system of the vehicle concerned.

Keel en

## **47 LAEVAEHITUS JA MERE-EHITISED**

### **UUED STANDARDID**

#### **EVS-EN 15272-1:2007**

Hind 73,00

Identne EN 15272-1:2007

#### **Inland navigation vessels - Equipment for rope leading - Part 1: General requirements**

This European Standard specifies general requirements for rope leading on inland navigation vessels.

Keel en

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **prEN 13573 rev**

Identne prEN 13573:2007

Tähtaeg 30.12.2007

#### **Inland navigation vessels - Anchoring, coupling, towing, hauling and mooring systems**

This European Standard specifies safety requirements for the arrangement, accessibility and marking of anchoring, coupling, towing, hauling and mooring systems on inland navigation vessels. Depending on the type, the dimensions, the intended use of the vessels as well as the waters on which they are operated, inland navigation vessels are equipped with anchoring, coupling, towing, hauling and mooring systems. This standard does not apply to recreational craft according to Directive 94/25/EEC.

Keel en

Asendab EVS-EN 13573:2002

#### **prEN 1914 rev**

Identne prEN 1914:2007

Tähtaeg 30.12.2007

#### **Siseveetedel liiklevad laevad. Laevapaadid**

Käesolev standard kehtib laevapaatide kohta, mida kasutatakse siseveetedel liiklevatel mitmeotstarbelistel laevadel, mida rakendatakse näiteks piiratud arvu inimeste vedamiseks või kergeste väikeses koguses veoste toimetamiseks lühikeste vahemaade taha.

Standard ei kehti EMÜ direktiivis 94/25 määratletud lõbusõidulaevade kohta. Laevapaate võib kasutada ka päästepaatidena juhul, kui vastavaks otstarbeks ei ole esitatud spetsiaalseid päästevahendeid; reisilaevadel võib laevapaate kasutada päästevahenditena tingimusel, et järgitakse asjakohaseid liikluseeskirju.

Keel en

Asendab EVS-EN 1914:2000

#### **prEN ISO 10862**

Identne prEN ISO 10862:2007

ja identne ISO/DIS 10862:2007

Tähtaeg 30.12.2007

#### **Small craft - Quick release system for trapeze harness**

This International Standard specifies requirements and test methods for quick release system as a component of the sailing boat trapeze system, worn whilst afloat. The quick release system is intended to protect the wearer from entrapment and drowning in the event of a failure to release from the sailing boat trapeze system by other means.

Keel en

#### **prEN ISO 12215-5**

Identne prEN ISO 12215-5:2007

ja identne ISO/FDIS 12215-5:2007

Tähtaeg 30.12.2007

#### **Small craft - Hull construction and scantlings - Part 5: Design pressures for monohulls, design stresses, scantlings determination**

This part of ISO 12215 applies to the determination of design pressures and stresses, and to the determination of the scantlings, including internal structural members of monohull small craft constructed from fibre-reinforced plastics, aluminium or steel alloys, glued wood or other suitable boat building material, with a length of hull, LH, in accordance with ISO 8666, between 2,5 m and 24 m. It only applies to boats in the intact condition. It only applies to craft with a maximum speed  $u \leq 50$  knots in mLDC conditions. The assessment shall generally include all parts of the craft that are assumed watertight or weathertight when assessing stability, freeboard and buoyancy in accordance with ISO 12217 and are essential to the safety of the craft and of persons on board. For the complete scantlings of the craft, this part of ISO 12215 is used in conjunction with Part 6, for details, Part 7 for multihulls, Part 8 for rudders and Part 9 for appendages and rig attachment.

Keel en

#### **prEN ISO 12217-1**

Identne EN ISO 12217-1:2002/prA1:2007

ja identne ISO 12217-1:2002/DAM 1:2007

Tähtaeg 30.12.2007

#### **Väikelaevad . Stabiilsuse ja ujuvuse hindamine ja klassifitseerimine . Osa 1: Mitte purjelaevad, mille kere pikkus on 6 meetrit või rohkem**

This part of ISO 12217 specifies methods for evaluating the stability and buoyancy of intact boats. The flotation characteristics of boats vulnerable to swamping are also encompassed.

Keel en

Asendab EVS-EN ISO 12217-1:2002

#### **prEN ISO 12217-3**

Identne EN ISO 12217-3:2002/prA1:2007

ja identne ISO 12217-3:2002/DAM 1:2007

Tähtaeg 30.12.2007

#### **Väikelaevad. Stabiilsuse ja ujuvuse hindamine ja klassifitseerimine. Osa 3: Laevad, mille kere pikkus on väiksem kui 6 m**

This part of ISO 12217 specifies methods for evaluating the stability and buoyancy of intact (i.e. undamaged) boats. The flotation characteristics of craft vulnerable to swamping are also encompassed

Keel en

Asendatud prEN ISO 12217-3

## 49 LENNUNDUS JA KOSMOSETEHNIKA

### UUED STANDARDID

#### **EVS-EN 2467:2007**

Hind 73,00

Identne EN 2467:2007

**Aerospace series - Steel FE-PA3901 (X2CrNi18-9) - Air melted - Softened - Plate, sheet and strip - 0,4 mm ≤ a ≤ 20 mm - 520 MPa ≤ Rm ≤ 670 Mpa**

This standard specifies the requirements relating to: Steel FE-PA3901 (X2CrNi18-9) Air melted Softened Plate, sheet and strip 0,4 mm ≤ a ≤ 20 mm 520 MPa ≤ Rm ≤ 670 Mpa for aerospace applications.

Keel en

#### **EVS-EN 2573:2007**

Hind 73,00

Identne EN 2573:2007

**Aerospace series - Steel FE-PA3601 (X6CrNiTi18-10) - Softened - Rm ≤ 780 MPa - Wire - 0,25 mm ≤ De ≤ 3 mm**

This standard specifies the requirements relating to: Steel FE-PA3601 (X6CrNiTi18-10) Softened Rm ≤ 780 Mpa Wire 0,25 mm ≤ De ≤ 3 mm for aerospace applications.

Keel en

#### **EVS-EN 3160:2007**

Hind 84,00

Identne EN 3160:2007

**Aerospace series - Steel FE-PM3801 (X5CrNiCu17-4) - Air melted, solution treated and precipitation treated, bar a or D ≤ 200 mm, Rm ≥ 1 310 Mpa**

This standard specifies the requirements relating to: Steel FE-PM3801 (X5CrNiCu17-4) — Air melted, solution treated and precipitation treated, bar a or D ≤ 200 mm Rm ≥ 1 310 Mpa for aerospace applications.

Keel en

#### **EVS-EN 3161:2007**

Hind 84,00

Identne EN 3161:2007

**Aerospace series - Steel FE-PM3801 (X5CrNiCu17-4) - Air melted, solution treated and precipitation treated, bar a or D ≤ 200 mm, Rm ≥ 930 Mpa**

This standard specifies the requirements relating to: Steel FE-PM3801 (X5CrNiCu17-4) — Air melted, solution treated and precipitation treated, bar a or D ≤ 200 mm, Rm ≥ 930 Mpa for aerospace applications.

Keel en

#### **EVS-EN 3162:2007**

Hind 84,00

Identne EN 3162:2007

**Aerospace series - Steel FE-PM3801 (X5CrNiCu17-4) - Air melted, solution treated and precipitation treated, sheet and strip ≤ 6 mm, Rm ≥ 930 Mpa**

This standard specifies the requirements relating to: Steel FE-PM3801 (X5CrNiCu17-4) — Air melted, solution treated and precipitation treated, sheet and strip a ≤ 6 mm, Rm ≥ 930 Mpa for aerospace applications.

Keel en

#### **EVS-EN 3163:2007**

Hind 84,00

Identne EN 3163:2007

**Aerospace series - Steel FE-PM3801 (X5CrNiCu17-4) - Air melted, softened, forging stock a or D ≤ 300 mm**

This standard specifies the requirements relating to: Steel FE-PM3801 (X5CrNiCu17-4) — Air melted, softened, forging stock a or D ≤ 300 mm for aerospace applications.

Keel en

#### **EVS-EN 3475-505:2007**

Hind 73,00

Identne EN 3475-505:2007

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 505: Tensile test on conductors and strands**

This standard specifies a method of measuring the tensile properties of strands and conductors. When required, it can be used also on finished wires. It shall be used together with EN 3475-100.

Keel en

Asendab EVS-EN 3475-505:2002

#### **EVS-EN 3475-506:2007**

Hind 73,00

Identne EN 3475-506:2007

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 506: Plating continuity**

This standard specifies a method of verifying the continuity of plating on strands which are: - either checked before stranding or screening, or - checked after stranding or screening It shall be used together with EN 3475-100.

Keel en

Asendab EVS-EN 3475-506:2002

#### **EVS-EN 3475-507:2007**

Hind 73,00

Identne EN 3475-507:2007

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 507: Adherence of plating**

This standard specifies a method of verifying the adherence of the plating on conductors or screen strands. It shall be used together with EN 3475-100.

Keel en

Asendab EVS-EN 3475-507:2002

#### **EVS-EN 3475-508:2007**

Hind 95,00

Identne EN 3475-508:2007

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 508: Plating thickness**

This standard specifies the procedures for measuring the plating thickness and centricity of metallic coatings on single conductors.

It shall be used together with EN 3475-100.

Keel en

Asendab EVS-EN 3475-508:2002

**EVS-EN 3475-514:2007**

Hind 73,00

Identne EN 3475-514:2007

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 514: Porosity of copper cladding on aluminium strands**

This standard specifies an assessment method of the copper porosity on copper clad aluminium strands with or without external coating or on Nickel or silver copper clad aluminium conductors. It shall be used together with EN 3475-100.

Keel en

**EVS-EN 3475-601:2007**

Hind 162,00

Identne EN 3475-601:2007

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 601: Smoke density**

This test method is intended for determination of the specific optical density of smoke generated by electrical wire/cable insulation materials due to pyrolytic decomposition under the influence of radiant heat only or with simultaneous flame application. It is used for evaluation of insulation materials of electrical wire/cable used in the interiors of aerospace vehicles but may be utilized in other applications as specified in applicable procurement documents. This standard should be used to measure and describe the properties of products in response to heat and flame under controlled laboratory conditions and should not be used to describe or appraise the fire hazard or fire risk of materials, products, or assemblies under actual fire conditions. However results of this test may be used as elements of a fire risk assessment which takes into account all of the factors which are pertinent to an assessment of the fire hazard of a particular end use.

Keel en

**EVS-EN 3475-602:2007**

Hind 123,00

Identne EN 3475-602:2007

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 602: Toxicity**

This test method is intended for use in determining the concentration of specific gas components of smoke released by cable insulation materials. This test method should be used to measure and describe the properties of cable insulation materials in response to heat and flame under controlled laboratory conditions. This standard should be used to measure and describe the properties of products in response to heat and flame under controlled laboratory conditions and should not be used to describe or appraise the fire hazard or fire risk of materials, products, or assemblies under actual fire conditions. However results of this test may be used as elements of a fire risk assessment which takes into account all of the factors which are pertinent to an assessment of the fire hazard of a particular end use.

Keel en

**EVS-EN 3475-603:2007**

Hind 95,00

Identne EN 3475-603:2007

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 603: Resistance to wet arc tracking**

This standard specifies a method of assessing the behaviour of cable insulation subject to an electric arc initiated by contaminating fluid along the surface of the insulation. This Standard shall be used together with EN 3475-100. The primary aim of this test is to produce, in a controlled fashion the failure effects, which are representative of those, which may occur in service when a typical cable bundle is damaged and subjected to aqueous fluid contamination. Electrical arcing occurs along the surface of the insulation between damage sites on adjacent cables.

Keel en

Asendab EVS-EN 3475-603:2002

**EVS-EN 3475-704:2007**

Hind 84,00

Identne EN 3475-704:2007

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 704: Flexibility**

This standard specifies two methods for appraising the flexibility of a completed cable and its bending aptitude, Method 1 is for cables not less than 5 mm<sup>2</sup> cross-section cables and Method 2 for cables not larger than 5 mm<sup>2</sup> (10 AWG) cross-section cables. Unless otherwise specified in the product standard, Method 1 applies. It shall be used together with EN 3475-100.

Keel en

Asendab EVS-EN 3475-704:2002

**EVS-EN 3480:2007**

Hind 73,00

Identne EN 3480:2007

**Aerospace series - Steel FE-PA3601 (X6CrNiTi18-10) - Air melted - Softened - Plate - 6 mm < a ≤ 50 mm - 500 MPa ≤ Rm ≤ 700 Mpa**

This standard specifies the requirements relating to: Steel FE-PA3601 (X6CrNiTi18-10) Air melted Softened Plate 6 mm < a ≤ 50 mm 500 MPa ≤ Rm ≤ 700 Mpa for aerospace applications.

Keel en

**EVS-EN 3488:2007**

Hind 73,00

Identne EN 3488:2007

**Aerospace series - Steel FE-PA3601 (X6CrNiTi18-10) - Air melted - Softened - Sheet and strip - a ≤ 6 mm - 500 MPa ≤ Rm ≤ 700 Mpa**

This standard specifies the requirements relating to: Steel FE-PA3601 (X6CrNiTi18-10) Air melted Softened Sheet and strip a ≤ 6 mm 500 MPa ≤ Rm ≤ 700 Mpa for aerospace applications.

Keel en

**EVS-EN 3745-303:2007**

Hind 62,00

Identne EN 3745-303:2007

**Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 303: Bandwidth**

This standard specifies methods of measuring the bandwidth of optical cable. It shall be used together with EN 3745-100.

Keel en

**EVS-EN 3745-410:2007**

Hind 73,00

Identne EN 3745-410:2007

**Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 410: Thermal life**

This standard specifies method for determining life versus temperature curves of an optical cable.

Keel en

**EVS-EN 3745-411:2007**

Hind 73,00

Identne EN 3745-411:2007

**Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 411: Resistance to fluids**

This standard specifies methods of measuring the fluid resistance of a finished cable. It shall be used together with EN 3745-100, EN 3909 and TR 4542.

Keel en

**EVS-EN 3745-505:2007**

Hind 73,00

Identne EN 3745-505:2007

**Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 505: Cable tensile strength**

This standard specifies a method for measuring the tensile properties of a fibre optic cable. It shall be used together with EN 3745-100.

Keel en

**EVS-EN 3745-601:2007**

Hind 62,00

Identne EN 3745-601:2007

**Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 601: Smoke density**

This test method is intended for use in determining the concentration of specific gas components of smoke released by cable insulation materials. It shall be used together with EN 3745-100.

Keel en

**EVS-EN 4098:2007**

Hind 84,00

Identne EN 4098:2007

**Aerospace series - Steel FE-PL1507 (40CrMoV12) - Remelted, hardened and tempered, forgings De ≤ 50 mm, 1 250 MPa ≤ Rm ≤ 1 400 Mpa**

This standard specifies the requirements relating to: Steel FE-PL1507 (40CrMoV12) — Remelted, hardened and tempered, forgings De ≤ 50 mm, 1 250 MPa ≤ Rm ≤ 1 400 Mpa for aerospace applications.

Keel en

**EVS-EN 4314:2007**

Hind 84,00

Identne EN 4314:2007

**Aerospace series - Heat resisting alloy FE-PA2602 (X4NiCrTiMoV26-15) - Non heat treated, forging stock a or D ≤ 250 mm**

This standard specifies the requirements relating to: Heat resisting alloy FE-PA2602 (X4NiCrTiMoV26-15) — Non heat treated, forging stock a or D ≤ 250 mm for aerospace applications.

Keel en

**EVS-EN 4315:2007**

Hind 84,00

Identne EN 4315:2007

**Aerospace series - Heat resisting alloy FE-PA2601 (X6NiCrTiMoV26-15) - Solution treated and precipitation treated, bar and section a or D ≤ 100 mm, Rm ≥ 900 Mpa**

This standard specifies the requirements relating to: Heat resisting alloy FE-PA2601 (X6NiCrTiMoV26-15) — Solution treated and precipitation treated, bar and section a or D ≤ 100 mm, Rm ≥ 900 Mpa for aerospace applications.

Keel en

**EVS-EN 4317:2007**

Hind 84,00

Identne EN 4317:2007

**Aerospace series - Heat resisting alloy FE-PA2601 (X6NiCrTiMoV26-15) - Non heat treated, forging stock a or D ≤ 200 mm**

This standard specifies the requirements relating to: Heat resisting alloy FE-PA2601 (X6NiCrTiMoV26-15) — Non heat treated, forging stock a or D ≤ 200 mm for aerospace applications.

Keel en

**EVS-EN 4318:2007**

Hind 84,00

Identne EN 4318:2007

**Aerospace series - Heat resisting alloy FE-PA2601 (X6NiCrTiMoV26-15) - Solution treated and precipitation treated, bar and section De ≤ 100 mm, Rm ≥ 960 Mpa**

This standard specifies the requirements relating to: Heat resisting alloy FE-PA2601 (X6NiCrTiMoV26-15) — Solution treated and precipitation treated, bar and section De ≤ 100 mm, Rm ≥ 960 Mpa for aerospace applications.

Keel en

**EVS-EN 4346:2007**

Hind 84,00

Identne EN 4346:2007

**Aerospace series - Steel FE-PM1505 (X1CrNiMoAlTi12-9-2) - Vacuum induction melted and consumable electrode remelted, softended, forging stock a or D ≤ 300 mm**

This standard specifies the requirements relating to: Steel FE-PM1505 (X1CrNiMoAlTi12-9-2) — Vacuum induction melted and consumable electrode remelted, softended, forging stock a or D ≤ 300 mm for aerospace applications.

Keel en

**EVS-EN 4347:2007**

Hind 84,00

Identne EN 4347:2007

**Aerospace series Steel FE-PM1506 (X3CrNiMoAl13-8-2) - Vacuum induction melted and consumable electrode remelted, softened, forging stock a or D ≤ 300 mm**

This standard specifies the requirements relating to: Steel FE-PM1506 (X3CrNiMoAl13-8-2) — Vacuum induction melted and consumable electrode remelted, softened, forging stock a or D ≤ 300 mm for aerospace applications.

Keel en

**EVS-EN 4373:2007**

Hind 84,00

Identne EN 4373:2007

**Aerospace series - Heat resisting alloy NI-PD9001 (NiCu31) - Annealed, seamless tube D ≤ 75 mm, a ≤ 3 mm**

This standard specifies the requirements relating to: Heat resisting alloy NI-PD9001 (NiCu31) — Annealed, seamless tube D ≤ 75 mm, a ≤ 3 mm for aerospace applications.

Keel en

**ASENDATUD VÕI TÜHISTATUD STANDARDID****EVS-EN 3475-505:2002**

Identne EN 3475-505:2002

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 505: Tensile test on conductors and strands**

This standard specifies a method of measuring the tensile properties of strands and conductors. It shall be used together with EN 3475-100.

Keel en

Asendatud EVS-EN 3475-505:2007

**EVS-EN 3475-506:2002**

Identne EN 3475-506:2002

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 506: Plating continuity**

This standard specifies a method of verifying the continuity of plating on strands from conductors or screens. It shall be used together with EN 3475-100.

Keel en

Asendatud EVS-EN 3475-506:2007

**EVS-EN 3475-507:2002**

Identne EN 3475-507:2002

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 507: Adherence of plating**

This standard specifies a method of verifying the adherence of the plating on conductors or screen strands. It shall be used together with EN 3475-100.

Keel en

Asendatud EVS-EN 3475-507:2007

**EVS-EN 3475-508:2002**

Identne EN 3475-508:2002

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 508: Plating thickness**

This standard specifies the procedures for measuring the plating thickness and centricity of metallic coatings on single conductors.

Keel en

Asendatud EVS-EN 3475-508:2007

**EVS-EN 3475-603:2002**

Identne EN 3475-603:2002

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 603: Resistance to wet arc tracking**

This standard specifies a method for appraising the behaviour of cable insulation subjected to an electric arc initiated by a contaminating fluid. This standard shall be used together with EN 3475 00

Keel en

Asendatud EVS-EN 3475-603:2007

**EVS-EN 3475-704:2002**

Identne EN 3475-704:2002

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 704: Flexibility**

This standard specifies a method for appraising the flexibility of a completed cable and its bending aptitude, especially for large cross-section cables. It shall be used together with EN 3475-100.

Keel en

Asendatud EVS-EN 3475-704:2007

**KAVANDITE ARVAMUSKÜSITLUS****prEN 3298 rev**

Identne prEN 3298:2007

Tähtaeg 30.12.2007

**Lennuduse ja kosmonautika seeria. Iselukustuvad õhukeseseinalised sissepandavad detailid.****Paigaldamise ja eemaldamise protseduurid**

Käesolev standard määrab kindlaks EN standardite poolt määratletud iselukustuvate õhukeseseinaliste sissepandavate detailide paigaldamise ja eemaldamise tingimused (ava rihvelduse kuju, tööriistad, kinnipressimismenetlus) lennunduse ja kosmonautika rakendustele.

Keel en

Asendab EVS-EN 3298:2000

**prEN 3034**

Identne prEN 3034:2007

Tähtaeg 30.12.2007

**Aerospace series - Nuts, self-locking, hexagonal with captive washer - In heat resisting steel FE-PA92HT (A286), silver coated Classification: 1100 MPa/425 °C**

This standard specifies the dimensions of self-locking, silver coated hexagonal nuts with captive washer and MJ-thread in heat resisting steel FE-PA 92 HT ( A286) for aerospace applications. Maximum test temperature of the parts is 425 °C.

Keel en

**prEN 3241**

Identne prEN 3241:2007

Tähtaeg 30.12.2007

**Aerospace series - Nuts, self-locking, clip, in heat resisting steel FE-PA 92 HT (A 286), silver coated - Classification: 1 100 MPa (at ambient temperature) / 425 °C**

This standard specifies the characteristics of self-locking silver coated clip nuts in FE-PA 92 HT for aerospace applications. Classification: 1 100 MPa1) /425 °C2)

Keel en

**prEN 3323**

Identne prEN 3323:2007

Tähtaeg 30.12.2007

**Aerospace series - Bolts with double hexagon head, relieved shank. long thread, - In heat resisting steel FE-PM 38 (FV 535) Classification: 1 000 MPa/550 °C**

This standard specifies the characteristics of double hexagon head bolts with relieved shank and long thread in heat resisting steel FM-PM 38, tensile strength class 1 000 MPa at room temperature. The maximum test temperature of the material is 550 °C. These bolts are to be used in aerospace fastening systems, of parts made in titanium, mainly stressed in tension.

Keel en

**prEN 3637**

Identne prEN 3637:2007

Tähtaeg 30.12.2007

**Aerospace series - Nuts, self-locking, bi-hexagonal (double reduced), in heat resisting nickel base alloy - NIP101HT (Waspaloy), silver plated, Classification: 1210 MPa/730 °C**

This standard specifies the dimensions of self-locking, silver-coated bi-hexagonal nuts with MJ-thread in heat resisting nickel base alloy NI-P101HT for aerospace applications. Maximum test temperature of the material 730 °C.

Keel en

**prEN 3660-012**

Identne prEN 3660-012:2007

Tähtaeg 30.12.2007

**Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 012: Grommet nut, style A for EN 3372 - Product standard**

This product standard defines a range of grommet nut, style A for use under the following conditions:

Associated electrical connector(s) : EN 3660-002

Temperature range, Class N : - 65 °C to 200 °C

Class W : - 65 °C to 175 °C

Keel en

**prEN 3660-013**

Identne prEN 3660-013:2007

Tähtaeg 30.12.2007

**Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 013: Cable outlet, style A, straight, unsealed, with cable tie strain relief - Product standard**

This product standard defines a range of cable outlets, style A, for use under the following conditions:

Associated electrical connector(s) : EN 3660-002

Temperature range, Class N : - 65 °C to 200 °C

Class W : - 65 °C to 175 °C

Keel en

**prEN 3660-014**

Identne prEN 3660-014:2007

Tähtaeg 30.12.2007

**Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 014: Cable outlet, style A, 90 °, unsealed, with cable tie strain relief - Product standard**

This product standard defines a range of cable outlets, 90°, style A, for use under the following conditions:

Associated electrical connector(s) : EN 3660-002

Temperature range, Class N : - 65 °C to 200 °C

Class W : - 65 °C to 175 °C

Keel en

**prEN 3660-015**

Identne prEN 3660-015:2007

Tähtaeg 30.12.2007

**Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 015: Cable outlet, style A, 45 °, unsealed, with cable tie strain relief - Product standard**

This product standard defines a range of cable outlets, 45°, style A, for use under the following conditions:

Associated electrical connector(s) : EN 3660-002

Temperature range, Class N : - 65 °C to 200 °C

Class W : - 65 °C to 175 °C

Keel en

**prEN 3660-022**

Identne prEN 3660-022:2007

Tähtaeg 30.12.2007

**Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 022: Cable outlet, style A, straight, composite, unsealed, with cable tie strain relief - Product standard**

This product standard defines a range of cable outlets, straight, composite, style A, for use under the following conditions:

Associated electrical connector(s) : EN 3660-002

Temperature range, Class P : - 55 °C to 200 °C

Keel en

**prEN 3660-023**

Identne prEN 3660-023:2007

Tähtaeg 30.12.2007

**Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 023: Cable outlet, style A, 90 °, composite, unsealed, with cable tie strain relief - Product standard**

This product standard defines a range of cable outlets, 90°, style A, composite, for use under the following conditions:

Associated electrical connector(s) : EN 3660-002

Temperature range, Class P : - 55 °C to 200 °C

Keel en

**prEN 3660-024**

Identne prEN 3660-024:2007

Tähtaeg 30.12.2007

**Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 024: Grommet nut, style A, composite - Product standard**

This product standard defines a range of grommet nuts, style A, composite, for use under the following conditions:

Associated electrical connector(s) : EN 3660-002

Temperature range, Class P : - 55 °C to 200 °C

Keel en

**prEN 3733-103**

Identne prEN 3733-103:2007

Tähtaeg 30.12.2007

**Aerospace series - Connector, optical, circular, single channel, coupled by self-locking ring, operating temperature up to 150 °C continuous - Part 103: Protective cover jam nut receptacle - Product standard**

This standard specifies the characteristics of protective covers for single channel fibre optic jam nut receptacle connectors, operating temperature up to 150 °C. Connector interface dimensions, table of tests and qualification approval requirements, are contained in the Technical Specification EN 3733-001. EN 3733-002, List of product standards, includes the listings of product types, codification and applicable combinations of product types.

Keel en

**prEN 3733-104**

Identne prEN 3733-104:2007

Tähtaeg 30.12.2007

**Aerospace series - Connector, optical, circular, single channel, coupled by self-locking ring, operating temperature up to 150 °C continuous - Part 104: Receptacle connector dummy four holes fixing - Product standard**

This standard specifies the characteristics of receptacle connector dummy four holes fixing for single channel fibre optic plug connectors, operating temperature up to 150 °C. Connector interface dimensions, table of tests and qualification approval requirements, are contained in the Technical Specification EN 3733-001. EN 3733-002, List of product standards, includes the listings of product types, codification and applicable combinations of product types.

Keel en

**prEN 3733-105**

Identne prEN 3733-105:2007

Tähtaeg 30.12.2007

**Aerospace series - Connector, optical, circular, single channel, coupled by self-locking ring, operating temperature up to 150 °C continuous - Part 105: Receptacle connector dummy two holes fixing - Product standard**

This standard specifies the characteristics of receptacle connector dummy two holes fixing for single channel fibre optic plug connectors, operating temperature up to 150 °C. Connector interface dimensions, table of tests and qualification approval requirements, are contained in the Technical Specification EN 3733-001. EN 3733-002, List of product standards, includes the listings of product types, codification and applicable combinations of product types.

Keel en

**prEN 3733-106**

Identne prEN 3733-106:2007

Tähtaeg 30.12.2007

**Aerospace series - Connector, optical, circular, single channel, coupled by self-locking ring, operating temperature up to 150 °C continuous - Part 106: Receptacle connector dummy jam nut - Product standard**

This standard specifies the characteristics of receptacle connector dummy jam nut fixing for single channel fibre optic plug connectors, operating temperature up to 150 °C. Connector interface dimensions, table of tests and qualification approval requirements, are contained in the Technical Specification EN 3733-001. EN 3733-002, List of product standards, includes the listings of product types, codification and applicable combinations of product types.

Keel en

**prEN 3733-108**

Identne prEN 3733-108:2007

Tähtaeg 30.12.2007

**Aerospace series - Connector, optical, circular, single channel, coupled by self-locking ring, operating temperature up to 150 °C continuous - Part 108: Cable support boot - Product standard**

This standard specifies the characteristics of cable support boots for single channel fibre optic plug and receptacle connectors for aerospace series single core optical cable in accordance with EN 4532, operating temperature up to 150 °C. Connector interface dimensions, table of tests and qualification approval requirements, are contained in the Technical Specification EN 3733-001. EN 3733-002, List of product standards, includes the listings of product types, codification and applicable combinations of product types.

Keel en

**prEN 4165-003**

Identne prEN 4165-003:2007

Tähtaeg 30.12.2007

**Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 003: Modules series 2 and series 3 - Product standard**

This standard specifies the characteristics of module in the family of modular connector coupled by central threaded coupling, or rack and panel. For contacts and fillers plug associated see EN 4165-002.

Keel en

**prEN 4626-001**

Identne prEN 4626-001:2007

Tähtaeg 30.12.2007

**Aerospace series - Connectors, optical, rectangular, multicontact, rack and panel, Quadrax cavity, 2,5 mm diameter ferrule - Operating temperatures - 65 °C to 125 °C (cable dependent) - Flush contacts - Part 001: Technical specification**

This standard specifies the general characteristics, the conditions for qualification, acceptance and quality assurance, as well as the test programs and groups for fibre sub-assembly contact in rack and panel connectors, intended for use in a temperature range from – 65 °C to 125 °C continuous (cable dependent). This standard specifies a pair of adaptors to fit with standard Quadrax cavities and EN 4531-101 optical contact.

Keel en

#### **prEN 4626-002**

Identne prEN 4626-002:2007

Tähtaeg 30.12.2007

**Aerospace series - Connectors, optical, rectangular, multicontact, rack and panel, Quadrax cavity, 2,5 mm diameter ferrule - Operating temperatures - 65 °C to 125 °C (cable dependent) - Flush contacts - Part 002: Specification of performance and contact arrangements**

This standard specifies the general characteristics, the conditions for qualification, acceptance and quality assurance, as well as the test programs and groups for fibre sub-assembly contacts in rack and panel connectors, intended for use in a temperature range from – 65 °C to 125 °C continuous (cable dependent). This standard specifies a pair of adaptors to fit with standard Quadrax cavities and EN 4531-101 optical contact.

Keel en

#### **prEN 4626-003**

Identne prEN 4626-003:2007

Tähtaeg 30.12.2007

**Aerospace series - Connectors, optical, rectangular, multicontact, rack and panel, Quadrax cavity, 2,5 mm diameter ferrule - Operating temperatures - 65 °C to 125 °C (cable dependent) - Flush contacts - Part 003: Adaptor for plug**

This standard specifies the characteristics of the female adaptor for optical terminus in plug.

Keel en

#### **prEN 4626-004**

Identne prEN 4626-004:2007

Tähtaeg 30.12.2007

**Aerospace series - Connectors, optical, rectangular, multicontact, rack and panel, Quadrax cavity, 2,5 mm diameter ferrule - Operating temperatures - 65 °C to 125 °C (cable dependent) - Flush contacts - Part 004: Adaptor for receptacle**

This standard specifies the characteristics of the male adaptor for optical terminus in receptacle.

Keel en

#### **prEN 4626-101**

Identne prEN 4626-101:2007

Tähtaeg 30.12.2007

**Aerospace series - Connectors, optical, rectangular, multicontact, rack and panel, Quadrax cavity, 2,5 mm diameter ferrule - Operating temperatures - 65 °C to 125 °C (cable dependent) - Flush contacts - Part 101: Optical contact (sub-assembly) for plug - Product standard**

This standard defines the installed dimension information of EN 4531-101 fibre optic contact in the EN 4626-003 plug adaptor, together with performance requirements and assembly information based on EN C2\10\A specification (62,5 µm/125 µm fibre and 1,8 mm outside diameter cable).

Keel en

#### **prEN 9101**

Identne prEN 9101:2007

ja identne ISO 9001:2000

Tähtaeg 30.12.2007

**Aerospace series - Quality management systems - Assessment**

The purpose of this document is to define the content and the presentation of the Assessment Report for the EN 9100 standard.

Keel en

## **53 TÕSTE- JA TEISALDUS-SEADMED**

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **EN 818-7:2002/prA1**

Identne EN 818-7:2002/prA1:2007

Tähtaeg 30.12.2007

**Lühikeste lülidega tõstekett. Ohutus. Osa 7: Peene tolerantsiga tõstekett, Klass T (tüübid T, DAT ja DT)**

This European Standard specifies the requirements related to safety for hoist chain, Grade T (type T quenched and tempered and types DAT and DT case hardened), for use in serial chain hoists manual and power driven. Type DAT and type DT chains possess surface hardnesses greater than core hardness and are used for power driven chain hoists to offer greater resistance to wear. Type DT chain differs from DAT hoist chain in having higher surface hardness and/or greater case depth to optimise wear resistance.

Keel en

#### **EN 1492-1:2000/prA1**

Identne EN 1492-1:2000/prA1:2007

Tähtaeg 30.12.2007

**Tekstiiltropid. Ohutus. Osa 1: Kunstkiududest valmistatud silekoega kootud rihmad, üldotstarbeliseks kasutuseks**

This European Standard specifies the requirements related to safety, including methods of rating and testing single-, two-, three-, four-leg and endless sewn flat woven webbing slings, with or without fittings, made of polyamide, polyester and polypropylene man-made fibre webbing in the width range of 25 mm to 450 mm inclusive.

Keel en

#### **EN 1492-2:2000/prA1**

Identne EN 1492-2:2000/prA1:2007

Tähtaeg 30.12.2007

**Tekstiiltropid. Ohutus. Osa 1: Kunstkiududest valmistatud ringtropid, üldotstarbeliseks kasutuseks**

This European Standard specifies the requirements related to safety, including methods of rating and testing roundslings up to 40 tonnes working load limit (in straight lift) and two-, three-, four-leg roundsling assemblies, with or without fittings, made of polyamide, polyester and polypropylene.

Keel en



**EN 1492-4:2004/prA1**

Identne EN 1492-4:2004/prA1:2007

Tähtaeg 30.12.2007

**Tekstiiltropid. Ohutus. Osa 4: Looduslikest ja kunstkiududest valmistatud tõstetropid üldotstarbeliseks kasutuseks**

This European Standard specifies the requirements related to safety, including methods of rating and testing single-, two-, three-, four-leg and endless slings, with or without fittings, made of sisal, hemp and manila 3- and 4-strand laid construction natural fibre ropes and polyamide, polyester and polypropylene 3- and 4-strand laid construction and 8-strand plaited construction man-made fibre ropes having a reference number in the range of 16 to 48 inclusive.

Keel en

**EN 1677-1:2001/prA1**

Identne EN 1677-1:2000/prA1:2007

Tähtaeg 30.12.2007

**Troppide komponendid. Ohutus. Osa 1: Sepaterasest komponendid, Klass 8**

This Part of EN 1677 specifies general requirements for forged steel components of grade 8 up to 63 t WLL, mainly for use in: - chain slings according to EN 818-4; - steel wire rope slings according to prEN 13414-1:1999; - textile slings according to EN 1492-1:2000 intended for lifting objects, materials or goods.

Keel en

**EN 1677-2:2001/prA1**

Identne EN 1677-2:2000/prA1:2007

Tähtaeg 30.12.2007

**Troppide komponendid. Ohutus. Osa 2: Sepaterasest fiksaatoriga tõstekonksud, Klass 8**

This Part of EN 1677 specifies requirements for forged steel lifting hooks with latch of grade 8 having eye or clevis and pin up to 63 t WLL, mainly for use in: - chain slings according to EN 818-4; - steel wire rope slings according to prEN 13414-1:1999; - textile slings according to EN 1492-1:2000 intended for lifting objects, materials or goods.

Keel en

**EN 1677-3:2002/prA1**

Identne EN 1677-3:2001/prA1:2007

Tähtaeg 30.12.2007

**Troppide komponendid. Ohutus. Osa 3: Sepaterasest iselukustuvad konksud. Klass 8**

This European Standard specifies requirements for forged steel self-locking lifting hooks of Grade 8 having eye or clevis and pin up to 21,2 t working load limit (WLL), mainly for use in: - chain slings according to EN 818-4 - steel wire rope slings according to prEN 13414-1 - textile slings according to EN 1492-1, EN 1492-2 intended for lifting objects, materials or goods.

Keel en

**EN 1677-4:2001/prA1**

Identne EN 1677-4:2000/prA1:2007

Tähtaeg 30.12.2007

**Troppide komponendid. Ohutus. Osa 4: Lülid, Klass 8**

This Part of EN 1677 specifies requirements for forged or welded steel master links, intermediate master links, master link assemblies and lower terminal links of grade 8 up to 132 t WLL, mainly for use in all types of lifting slings (e.g. chain, wire rope and textile) intended for lifting objects, materials or goods.

Keel en

**EN 1677-5:2001/prA1**

Identne EN 1677-5:2001/prA1:2007

Tähtaeg 30.12.2007

**Troppide komponendid. Ohutus. Osa 5: Sepaterasest fiksaatoriga tõstekonksud. Klass 4**

This part of EN 1677 specifies requirements for forged steel lifting hooks of grade 4 having latch and eye up to 31,5 t WLL, mainly for use in: -chain slings according to EN 818-5 -steel wire rope slings according to prEN 13414:1998 -textile slings according to EN 1492-1, EN 1492-2 intended for lifting objects, materials or goods.

Keel en

**EN 1677-6:2001/prA1**

Identne EN 1677-6:2001/prA1:2007

Tähtaeg 30.12.2007

**Troppide komponendid. Ohutus. Osa 6: Lülid. Klass 4**

This part of EN 1677 specifies requirements for welded steel master links, intermediate master links, master link assemblies and lower terminal links of grade 4 up to 67 t WLL, mainly for use in: -chain slings according to EN 818-5 -steel wire rope slings according to prEN 13414-1:1998 -textile slings according to EN 1492-1, EN 1492-2 intended for lifting objects, materials or goods.

Keel en

**EN 12881-1:2005/prA1**

Identne EN 12881-1:2005/prA1:2007

Tähtaeg 30.12.2007

**Konveierilindid. Süttivuskatsed tulesimulatsiooniga. Osa 1: Katsed propanipõletiga**

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.

Keel en

**EN 12881-2:2005/prA1**

Identne EN 12881-2:2005/prA1:2007

Tähtaeg 30.12.2007

**Konveierilindid. Süttivuskatsed tulesimulatsiooniga. Osa 2: Laiaulatuslikud tulekatsed**

This document describes a method of test for the assessment of the fire propagation along a conveyor belt when the belt is exposed to a heat source.

Keel en

**EN 13411-3:2004/prA1**

Identne EN 13411-3:2004/prA1:2007

Tähtaeg 30.12.2007

**Terastraadist trosside otsmuhvid. Ohutus. Osa 3: Jätkuklemmid ja nende kindlustamine**

This European Standard deals with the requirements for the ferrule-securing of eyes and endless loops. It also deals with the requirements for ferrules for the ferrule-securing of eyes and endless loops. This European Standard applies to the ferrule-securing of eye terminations formed either by a Flemish eye or turnback eye and covers ferrules made of non alloy carbon steel and aluminium. This European Standard applies to slings and assemblies using steel wire ropes for general lifting applications up to and including 60mm diameter conforming to EN 12385-4, lift ropes conforming to EN 12385-5 and spiral strand ropes conforming to EN 12385-10.

Keel en

**EN 13411-4:2002/prA1**

Identne EN 13411-4:2002/prA1:2007

Tähtaeg 30.12.2007

**Terastraadist trosside otsmuhvid. Ohutus. Osa 4: Metall- ja polümeerliitmikud**

This European Standard specifies the minimum requirements for the molten metal and resin socketing of steel wire ropes conforming to EN 12385 parts 4 to 10. The standard covers only those requirements that ensure that the socketing is strong enough to withstand a force of at least 100% of the minimum breaking force of the rope.

Keel en

**EN 13411-5:2003/prA1**

Identne EN 13411-5:2003/prA1:2007

Tähtaeg 30.12.2007

**Terastraadist trosside otsmuhvid. Ohutus. Osa 5: Vedrukammitšaga terastrosshaaratsid**

This European Standard specifies the minimum requirements for the safe behaviour of terminations associated with U-bolt wire rope grips manufactured from ferrous materials for use as intended by the manufacturer of the U bolt grip

Keel en

**EN 13411-6:2004/prA1**

Identne EN 13411-6:2004/prA1:2007

Tähtaeg 30.12.2007

**Terastraadist trosside otsmuhvid. Ohutus. Osa 6: Asümeetrilised kiil-liitmikud**

This European Standard specifies the minimum requirements, for asymmetrical wedge socket terminations for stranded steel wire ropes. Examples of the construction and sizes of two separate designs of asymmetric wedge sockets are given in informative annexes A and B. The informative annex C gives recommendations for safe use and inspection. This European Standard deals with all significant hazards, hazardous situations and events relevant to asymmetric wedge sockets for terminations for steel wire ropes, when used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer.

Keel en

**EN 13411-7:2006/prA1**

Identne EN 13411-7:2006/prA1:2007

Tähtaeg 30.12.2007

**Terastraadist trosside otsmuhvid. Ohutus. Osa 7: Sümmeetrilise kiilmuhviga otsad**

This European Standard specifies the minimum requirements for symmetrical wedge socket terminations for stranded steel wire ropes conforming to EN 12385-5 for lifts. This European Standard covers those symmetric wedge sockets intended for use at temperatures between -20 °C and 100 °C.

Keel en

**EN 13414-1:2003/prA2**

Identne EN 13414-1:2003/prA2:2007

Tähtaeg 30.12.2007

**Terastraadist trosside tropid. Ohutus. Osa 1: Tropid üldiste tösteteenuste osutamiseks**

This European Standard specifies the construction requirements, calculation of WLL, verification, certification and marking of steel wire rope slings for general lifting service. It covers single-, two-, three- and four-leg slings, with ferrule-secured or spliced eye terminations and spliced or ferrule-secured endless slings made from 8 mm to 60 mm diameter 6 strand ordinary lay steel wire rope with fibre or steel core and 8 strand ordinary lay steel wire rope with a steel core conforming to EN 12385-4

Keel en

**EN 13414-2:2003/prA2**

Identne EN 13414-2:2003/prA2:2007

Tähtaeg 30.12.2007

**Terastraadist trosside tropid. Ohutus. Osa 2: Nõuded tootja poolt antavatele kasutus- ja hooldusjuhistele**

This Part of EN 13414 specifies the information on use and maintenance to be provided by the manufacturer of wire rope slings

Keel en

**EN 13414-3:2003/prA1**

Identne EN 13414-3:2003/prA1:2007

Tähtaeg 30.12.2007

**Terastraadist trosside tropid. Ohutus. Osa 3: Kaitserõngad ja kaablikinnitusega tropid**

This European Standard specifies the construction requirements, calculation of WLL, testing and certification of steel wire rope grommets, cable-laid grommets and cable-laid slings using strand and wire rope conforming to EN 12385-4

Keel en

**EN 13889:2007/prA1**

Identne EN 13889:2003/prA1:2007

Tähtaeg 30.12.2007

**Sepistatud terasest töstesääklid üldotstarbelisteks töstetöödeks. Rist- ja ümarsääklid. Kategooria 6. Ohutus**

This European Standard specifies requirements for forged steel Dee and bow shackles of grade 6 for general lifting purposes in a range of working load limits 0,5 t to 25 t maximum. This standard applies only to those shackles with threaded pins

Keel en

**EN 14973:2006/prA1**

Identne EN 14973:2006/prA1:2007

Tähtaeg 30.12.2007

**Allmaapaigaldistes kasutamiseks mõeldud konveierlindid. Elektri- ja tuleohutuse nõuded**

This European Standard specifies electrical and flammability safety requirements for conveyor belts intended for use in underground installations, in the presence of flammable or non-flammable atmospheres.

Keel en

### **prCEN/TS 13001-3-2 rev**

Identne prCEN/TS 13001-3-2:2007

Tähtaeg 30.12.2007

#### **Cranes - General design - Part 3-2: Limit states and proof of competence of wire ropes in reeving systems**

This Part 3-2 of the Technical Specification EN 13001 is to be used together with Part 1 and Part 2 and as such they specify general conditions, requirements and methods to prevent mechanical hazards of wire ropes in reeving systems of cranes by design and theoretical verification.

Keel en

Asendab CEN/TS 13001-3-2:2005

### **prCEN/TS 15730**

Identne prCEN/TS 15730:2007

ja identne ISO/TR 25398:2006

Tähtaeg 30.12.2007

#### **Earth-moving machinery - Guidelines for assessment of exposure to whole-body vibration of ride-on machines - Use of harmonized data measured by international institutes, organizations and manufacturers**

This Technical Report provides guidelines for those such as employers, national authorities and manufacturers of earth-moving machinery who are required to determine, assess and document the daily whole-body vibration exposure for ride-on machines as defined in ISO 6165. It also provides guidelines for reducing vibration levels on machines and for determining the vibration reduction from machine improvements to reduce vibration levels. It is intended to assist in establishing documentation for specific earth-moving machinery under typical operating conditions. It gives guidance on determining the daily vibration exposure A(8), in accordance with ISO 2631 and EN 14253, offering a simple method for determining the daily vibration exposure by means of a table which indicates the daily exposure as a function of the equivalent vibration total value and the associated exposure duration. Both methods can be used even in cases of multiple exposures on the same day. Methods are provided for calculating exposure using reported emission values, valid for machines equipped with a seat in accordance to ISO 7096.

Keel en

## **55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID**

### **UUED STANDARDID**

#### **EVS-EN 15385:2007**

Hind 73,00

Identne EN 15385:2007

#### **Packaging - Flexible laminate tubes - Test methods to determine the strength of the head welding**

This European Standard specifies a method for the determination of the strength of the head welding of flexible laminate tubes.

It is applicable to flexible laminate tubes used for packing pharmaceutical, cosmetic, hygiene, food and other household products.

Keel en

## **KAVANDITE ARVAMUSKÜSITLUS**

### **prEN 12374 rev**

Identne prEN 12374:2007

Tähtaeg 30.12.2007

#### **Pakend. Painduvad tuubid. Terminoloogia**

Standard määratleb painduvate tuubide kohta laialdaselt kasutatava tehnilise terminoloogia saksa, inglise ja prantsuse keeles. See on rakendatav plastist või ühekihilise metallist painduvatele tuubidele ning mitmekihilistele või lamineeritud tuubidele, mida kasutatakse farmaatsia-, kosmeetika-, hügieenitoodete, toiduainete ja teiste majapidamis- ning tööstustoodete pakkimiseks.

Keel en

Asendab EVS-EN 12374:1999

### **prEN 13698-2 rev**

Identne EN 13698-2:2007

Tähtaeg 30.12.2007

#### **Pallet production specification - Part 2: Construction specification for 1000 mm x 1200 mm flat wooden pallets**

This European Standard specifies the manufacturing characteristics of flat re-usable wooden 1000 mm x 1200 mm, double deck, non-reversible, 4-way entry, 9 block skid and perimeter base pallets suitable for transport, storage, handling or exchange use. It also gives some requirements for manufacture and marking and addresses the issue of safety

Keel en

Asendab EVS-EN 13698-2:2003

## **59 TEKSTIILI- JA NAHATEHNOLOOGIA**

### **UUED STANDARDID**

#### **EVS-EN 685:2007**

Hind 73,00

Identne EN 685:2007

#### **Elastsed, tekstiilsed ja laminaat põrandakatted. Liigitus**

This European Standard establishes a classification system for resilient, textile and laminate floor coverings. The classification is based on practical requirements for areas of use and intensity of use and is linked to the requirements specified in the European Standard for each type of floor covering.

Keel en

Asendab EVS-EN 685:2005

#### **EVS-EN ISO 105-C09:2003/A1:2007**

Hind 104,00

Identne EN ISO 105-C09:2003/A1:2007

ja identne ISO 105-C09:2001/Amd 1:2003

#### **Textiles - Tests for colour fastness - Part C09: Colour fastness to domestic and commercial laundering - Oxidative bleach response using a non-phosphate reference detergent incorporating a low temperature bleach activator - Amendment 1**

This part of ISO 105 specifies a method for determining the consumer relevant change of textiles, of all kinds, and in all forms, to domestic/commercial laundering procedures in which a bleach activator is used

Keel en

## **EVS-EN ISO 5398-1:2007**

Hind 123,00

Identne EN ISO 5398-1:2007

ja identne ISO 5398-1:2007

### **Leather - Chemical determination of chromic oxide content - Part 1: Quantification by titration**

This part of ISO 5398 describes a method for the determination of chromium in aqueous solution obtained from leather. This is an analysis for total chromium in leather; it is not compound specific or specific to its oxidation state. This method describes the determination of chrome by iodometric titration and is to be applicable to chromium-tanned leathers which are expected to have chromic oxide contents in excess of 0,3 %. Two different methods are described as alternatives for obtaining chromium in a suitable solution. It is appropriate to use either method.

Keel en

## **EVS-EN ISO 5398-3:2007**

Hind 132,00

Identne EN ISO 5398-3:2007

ja identne SO 5398-3:2007

### **Leather - Chemical determination of chromic oxide content - Part 3: Quantification by atomic absorption spectrometry**

This part of ISO 5398 describes a method for the determination of chromium in aqueous solution obtained from leather. This is an analysis for total chromium in leather; it is not compound specific or specific to its oxidation state. This method describes the determination of chromium by atomic absorption spectrometry and is applicable to leathers which are expected to have chromic oxide contents in excess of 5 mg/kg. Two techniques for the preparation of the solution to be analysed are included. In the case of dispute, the wet oxidation technique is to be used.

Keel en

## **EVS-EN ISO 5398-4:2007**

Hind 132,00

Identne EN ISO 5398-4:2007

ja identne ISO 5398-4:2007

### **Leather - Chemical determination of chromic oxide content - Part 4: Quantification by inductive coupled plasma/optical emission spectrometer (ICP-OES)**

This part of ISO 5398 describes a method for the determination of chromium in aqueous solution obtained from leather. This is an analysis for total chromium in leather; it is not compound specific or specific to its oxidation state. This method describes the determination of chromium by inductively coupled plasma – optical emission spectrometry and is applicable to leathers which are expected to have chromic oxide contents in excess of 1 mg/kg. Two techniques for the preparation of the solution to be analysed are included. In the case of dispute, the wet oxidation technique is to be used.

Keel en

## **ASENDATUD VÕI TÜHISTATUD STANDARDID**

### **EVS-EN 685:2005**

Identne EN 685:2005

#### **Elastsed, tekstiilsed ja laminaat põrandakatted. Liigitus**

This European Standard establishes a classification system for resilient, textile and laminate floor coverings. The classification is based on practical requirements for areas of use and intensity of use and is linked to the requirements specified in the European Standard for each type of floor covering.

Keel en

Asendab EVS-EN 685:2000; EVS-EN 685:2000/A1:2003

Asendatud EVS-EN 685:2007

## **KAVANDITE ARVAMUSKÜSITLUS**

### **prEN ISO 9073-15**

Identne prEN ISO 9073-15:2007

ja identne ISO 9073-15:2007

Tähtaeg 30.12.2007

#### **Textiles - Test methods for nonwovens - Part 15: Determination of air permeability**

This part of ISO 9073 specifies a method of measuring the flow of air passing perpendicularly through a given area of a fabric. This test method applies to most nonwovens, such as laminates, which are treated or untreated. They may have either a low- or high-basis weight.

Keel en

### **prEN ISO 9073-18**

Identne prEN ISO 9073-18:2007

ja identne ISO 9073-18:2007

Tähtaeg 30.12.2007

#### **Textiles - Test methods for nonwovens - Part 18: Determination of breaking strength and elongation of nonwoven materials using the grab tensile test**

This part of ISO 9073 specifies a grab tensile test procedure for determining the breaking strength and elongation of most nonwoven materials. It includes instructions for the testing of wet specimens. This grab tensile test procedure is applicable for most nonwovens, but is not recommended for nonwovens which have a high percentage of stretch.

Keel en

### **prEN ISO 26082**

Identne prEN ISO 26082:2007

ja identne ISO/FDIS 26082:2007

Tähtaeg 30.12.2007

#### **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

## 65 PÖLLUMAJANDUS

### UUED STANDARDID

#### **CEN/TS 15621:2007**

Hind 151,00

Identne CEN/TS 15621:2007

#### **Animal feeding stuffs - Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese, cobalt and molybdenum after pressure digestion by ICP-AES**

This Technical Specification specifies a method for the determination of the minerals calcium, sodium, phosphorus, magnesium, potassium and sulphur and the elements iron, zinc, copper, manganese, cobalt, molybdenum in animal feeding stuffs by inductively coupled plasma atomic emission spectrometry (ICP-AES) after pressure digestion. The method limit of quantification for each element is dependent on the sample matrix as well as of the instrument. The method is not applicable for determination of low concentrations of elements. A limit of quantification of 1 mg/kg should normally be obtained.

Keel en

#### **EVS-EN 15510:2007**

Hind 180,00

Identne EN 15510:2007

#### **Animal feeding stuffs - Determination of calcium, sodium, phosphorus, magnesium, potassium, iron, zinc, copper, manganese, cobalt, molybdenum, arsenic, lead and cadmium by ICP-AES**

This European Standard specifies an ICP-AES method for the determination of: - minerals calcium, sodium, phosphorus, magnesium and potassium and the elements iron, zinc, copper, manganese, cobalt, molybdenum in animal feeding stuffs, - elements arsenic, lead and cadmium in minerals on their own, in pre-mixtures or mixtures for use in animal nutrition. The method detection limit for each element is dependent on the sample matrix as well as of the instrument. The method is not applicable for determination of low concentrations of elements. The limit of quantification should be 3 mg/kg or lower.

Keel en

### KAVANDITE ARVAMUSKÜSITLUS

#### **EN 709:1999/prA2**

Identne EN 709:1997/prA2:2007

Tähtaeg 30.12.2007

#### **Agricultural and forestry machinery - Pedestrian controlled tractors with mounted rotary cultivators, motor hoes, motor hoes with drive wheel(s) - Safety**

Käesolev standard käsitleb värskelt kaubastatavate maasikate (Fragaria) kvaliteedi- ja suurusnõudeid ning pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud maasikate kohta.

Keel en

#### **EN 13684:2004/prA1**

Identne EN 13684:2004/prA1:2007

Tähtaeg 30.12.2007

#### **Aiapidamiseadmed. Jalakäija poolt kontrollitavad muruõhutus- ja samblaemaldusseadmed. Ohutus**

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

Keel en

#### **prEN ISO 16663-1 rev**

Identne prEN ISO 16663-1:2007

ja identne ISO/DIS 16663-1:2007

Tähtaeg 30.12.2007

#### **Fishing nets - Method of test for the determination of mesh size - Part 1: Opening of mesh**

This Standard specifies a method for the determination of size of opening of the mesh of fishing nets using an objective mesh gauge. It is applicable to active and passive fishing gears.

Keel en

Asendab EVS-EN ISO 16663-1:2003

## 67 TOIDUAINETE TEHNOLOOGIA

### UUED STANDARDID

#### **CEN/TR 15641:2007**

Hind 151,00

Identne CEN/TR 15641:2007

#### **Food analysis - Determination of pesticide residues by LC-MS/MS - Tandem mass spectrometric parameters**

This Technical Report lists mass spectrometric parameters which are useful for the application of European Standards for the determination of pesticide residues in foods of plant origin that use LC-MS/MS, such as the standards in preparation: prEN 15637 "Foods of plant origin — Determination of pesticide residues using LC-MS/MS following methanol extraction and clean up using diatomaceous earth" prEN 15662 "Foods of plant origin — Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning by dispersive SPE — QuEChERS-method"

Keel en

**CEN/TS 15506:2007**

Hind 95,00

Identne CEN/TS 15506:2007

**Foodstuffs - Determination of trace elements - Determination of tin in fruit and vegetables preserved in cans by flame atomic absorption spectrometry (AAS)**

This document specifies a method for the determination of tin in vegetable foods preserved in cans by flame atomic absorption spectrometry (AAS). This method is applicable to the determination of extractable tin in fruits and vegetables and collaboratively tested in concentrations from 25 mg/kg to 350 mg/kg. It is a method for determination of tin in canned fruit and vegetables contaminated with migrated tin from the can. The method can be applied with the prescribed amount of sample to products with a maximum total dry matter of 30 %. Products with higher total solid contents may be analysed using sample amounts less than 30 % after corresponding dilution with deionised water.

Keel en

**EVS-EN ISO 6885:2007**

Hind 113,00

Identne EN ISO 6885:2007

ja identne ISO 6885:2006

**Animal and vegetable fats and oils - Determination of anisidine value**

This International Standard specifies a method for the determination of the anisidine value in animal and vegetable fats and oils. This is a measure of the amount of aldehydes present (principally  $\alpha$ ,  $\beta$ -unsaturated aldehydes).

Keel en

Asendab EVS-EN ISO 6885:2001

**EVS-EN ISO 17932:2007**

Hind 113,00

Identne EN ISO 17932:2007

ja identne ISO 17932:2005

**Animal and vegetable fats and oils - Determination of the deterioration of bleachability index**

This International Standard specifies a method for the determination of the deterioration of bleachability index (DOBI) of crude palm oil. It is not applicable to oils with significant levels of chlorophylls.

Keel en

**EVS-EN ISO 18395:2007**

Hind 132,00

Identne EN ISO 18395:2007

ja identne ISO 18395:2005

**Animal and vegetable fats and oils - Determination of monoacylglycerols, diacylglycerols, triacylglycerols and glycerol by high-performance size-exclusion chromatography (HPSEC)**

This International Standard specifies a method for the determination of monoacylglycerols, diacylglycerols and triacylglycerols and also free glycerol by high-performance size-exclusion chromatography. It is applicable to products (e.g. emulsifiers) comprising monoacylglycerols and diacylglycerols as main constituents in concentrations  $>10$  %, and to triacylglycerols in a proportion of  $<20$  %. The method is not applicable to dairy fats or fats and oils having a wide range of fatty acid chain lengths, since diacylglycerols of short fatty acids have a lower molecular mass than monoacylglycerols of long-chain fatty acids. The method has restricted applicability to acylglycerol mixtures based on caprylic and capric acids. Here, only the monoacylglycerol content and the free glycerol content can be determined.

Keel en

**ASENDATUD VÕI TÜHISTATUD STANDARDID****EVS-EN ISO 6885:2001**

Identne EN ISO 6885:2000

ja identne ISO 6885:1998

**Animal and vegetable fats and oils - Determination of anisidine value**

This standard specifies a methods for the determination of the anisidine value, which is a measure of the amount of aldehydes (principally 2-alkanals), in animal and vegetable fats and oils.

Keel en

Asendatud EVS-EN ISO 6885:2007

**KAVANDITE ARVAMUSKÜSITLUS****EVS 689**

ja identne EVS 689:2001

Tähtaeg 30.12.2007

**Värske söögipeet**

Standard käsitleb värskest kaubastatava söögipeedi (Beta vulgaris ssp. vulgaris var. conditiva) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud söögipeedi kohta.

Keel et

Asendab EVS 689:1995

**EVS 690**

ja identne EVS 690:2001

Tähtaeg 30.12.2007

**Värske kaalikas**

Standard käsitleb värskest kaubastatava kaalika (Brassica napus L. var. napobrassica) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud kaalika kohta.

Keel et

Asendab EVS 690:1995

## **EVS 711**

ja identne EVS 711:2001

Tähtaeg 30.12.2007

### **Värsked mustsõstrad**

Standard käsitleb värskelt kaubastatava mustsõstra (*Ribes nigrum*) kvaliteedi- ja suurusnõudeid ning pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud mustsõstra kohta

Keel et

Asendab EVS 711:1995

## **EVS 712**

ja identne EVS 712:2001

Tähtaeg 30.12.2007

### **Värsked punased ja valged sõstrad**

Käesoleva standardi eesmärk on määrata kindlaks punase ja valge sõstra kvaliteedinõuded kaubastamiseks ettevalmistamise ja pakendamise järel kaubapartii(de) üleandmise-vastuvõtmise ning müümise ajal.

Keel et

Asendab EVS 712:1995

## **prEN 12821 rev**

Identne prEN 12821:2007

Tähtaeg 30.12.2007

### **Foodstuffs - Determination of vitamin D by high performance liquid chromatography - Measurement of cholecalciferol (D3) and ergocalciferol (D2)**

This European Standard specifies a method for the determination of vitamin D in foodstuffs by high performance liquid chromatography (HPLC). In the majority of foodstuffs vitamin D is naturally present as cholecalciferol, vitamin D3, and this is the form of the vitamin determined. Vitamin D2, ergocalciferol, is sometimes present in fortified foodstuffs and can also be determined using this European Standard. Some foods will contain both vitamin D3 and D2. This European Standard is not applicable to these samples. This European Standard provides the base for the analytical methods. It is intended to serve as a frame in which the analyst can define his own analytical work in accordance to the standard procedure.

Keel en

Asendab EVS-EN 12821:2000

## **prEN 15465**

Identne prEN 15465:2007

Tähtaeg 30.12.2007

### **Cereals and cereal products - Durum wheat (T. durum Desf.) - General guidelines for instrumental methods measurement of semolina colour**

This standard defines general guidelines for the instruments used to determine colorimetric characteristics of semolina samples in the dry or wet form.

Keel en

## **prEN ISO 712**

Identne prEN ISO 712:2007

ja identne ISO/DIS 712:2007

Tähtaeg 30.12.2007

### **Cereals and cereal products - Determination of moisture content - Routine reference method**

This International Standard specifies a routine reference method for the determination of the moisture content of cereals and cereal products. It applies to the following products: wheat, rice (paddy, husked and milled), barley, millet (*Panicum miliaceum*), rye, oats, triticale, sorghum in the form of grains, milled grains, semolina or flour. The method is not applicable to maize, for which a method is specified in ISO 6540 [1] and to pulses, for which a method is specified in ISO 24557 [2].

Keel en

## **prEN ISO 7971-1**

Identne prEN ISO 7971-1:2007

ja identne ISO/DIS 7971-1:2007

Tähtaeg 30.12.2007

### **Cereals - Determination of bulk density, called mass per hectolitre - Part 1: Reference method**

This part of ISO 7971 specifies the reference method for the determination of bulk density, called "mass per hectolitre", of cereals.

Keel en

## **prEN ISO 7971-2**

Identne prEN ISO 7971-2:2007

ja identne ISO/DIS 7971-2:2007

Tähtaeg 30.12.2007

### **Cereals - Determination of bulk density, called mass per hectolitre - Part 2: Method of traceability for measuring instruments through reference to the international standard instrument**

The mass per hectolitre or bulk density is of commercial importance for grain cereals. Several types of instruments with varying performances exist for measuring it. This part 2 of this standard describes the procedures for ensuring traceability of these instruments through reference to an international standard instrument. It also specifies the performances with which the national standards instruments and secondary standards instruments shall comply as well as the measuring instruments used in laboratories or in collection or storage silos.

Keel en

## **prEN ISO 7971-3**

Identne prEN ISO 7971-3:2007

ja identne ISO/DIS 7971-3:2007

Tähtaeg 30.12.2007

### **Cereals - Determination of bulk density, called mass per hectolitre - Part 3: Routine method**

This standard specifies a routine method for the determination of bulk density, called "mass per hectolitre" of cereals, soft wheat, hard wheat, barley, oats and rye using a measuring instrument with the technical specifications defined in subclause 6.3 of part 2 of this standard.

Keel en

## **prEN ISO 22959**

Identne prEN ISO 22959:2007

ja identne ISO/DIS 22959:2007

Tähtaeg 30.12.2007

### **Animal and vegetable fats and oils - Determination of polycyclic aromatic hydrocarbons by on-line donor acceptor complex chromatography and HPLC with fluorescence detection**

This method describes a high performance liquid chromatographic procedure for the determination of polycyclic aromatic hydrocarbons (PAHs) in edible fats and oils. The method has been validated for coconut (CN), olive (OV), sunflower (SF) and soyabean (BO) oil. If other oils are analysed, appropriate parameters have to be determined. The limit of quantification for the PAHs is 0,1 µg/kg. The lowest possible amount of each PAH, which can be distinguished from the baseline noise has not been determined. The validated concentration range of the method is 0,1 µg/kg to 3,5 µg/kg for each individual PAH. If it is expected that the level of the (light) PAHs in samples to be analysed will be > 3,5 µg/kg, these samples have to be diluted before analysis. It is also possible to adjust the range of the calibration curves. However ranges exceeding 3,5 µg/kg have not been validated.

Keel en

## **71 KEEMILINE TEHNOLOOGIA**

### **UUED STANDARDID**

#### **EVS-EN 15484:2007**

Hind 104,00

Identne EN 15484:2007

#### **Ethanol as a blending component for petrol - Determination of inorganic chloride - Potentiometric method**

This standard specifies a potentiometric method for the determination of inorganic chloride content in ethanol from 4 mg/l to 30 mg/l.

Keel en

#### **EVS-EN 15485:2007**

Hind 95,00

Identne EN 15485:2007

#### **Ethanol as a blending component for petrol - Determination of sulphur content - Wavelength dispersive X-ray fluorescence spectrometric method**

This document specifies a wavelength-dispersive X-ray fluorescence (WDXRF) test method for the determination of the sulfur content of ethanol from 7 mg/kg to 20 mg/kg.

Keel en

#### **EVS-EN 15486:2007**

Hind 123,00

Identne EN 15486:2007

#### **Ethanol as a blending component for petrol - Determination of sulphur content - Ultraviolet fluorescence method**

This document specifies an ultraviolet (UV) fluorescence test method for the determination of the sulfur content of ethanol from 5 mg/kg to 20 mg/kg. Other products may be analysed and higher sulfur contents may be determined according to this test method, however, no precision data for products other than ethanol and for results outside the specified range have been established for this document. Halogens interfere with this detection technique at concentrations above approximately 3 500 mg/kg.

Keel en

#### **EVS-EN 15487:2007**

Hind 95,00

Identne EN 15487:2007

#### **Ethanol as a blending component for petrol - Determination of phosphorus content - Ammonium molybdate spectrometric method**

This standard specifies a procedure for the determination of phosphorus content measured as orthophosphate, in ethanol from 0,15 mg/l to 1,50 mg/l by ammonium molybdate spectrometric method. The phosphorus content is determined in aqueous solution after dissolution of the evaporation residue of the ethanol sample.

Keel en

#### **EVS-EN 15488:2007**

Hind 104,00

Identne EN 15488:2007

#### **Ethanol as a blending component for petrol - Determination of copper content - Graphite furnace atomic absorption spectrometric method**

This standard specifies a procedure for the determination of copper content in ethanol from 0,07 mg/kg to 0,20 mg/kg using graphite furnace atomic absorption spectrometry.

Keel en

#### **EVS-EN 15489:2007**

Hind 95,00

Identne EN 15489:2007

#### **Ethanol as a blending component for petrol - Determination of water content - Karl Fischer coulometric titration method**

This European Standard specifies a method for the direct determination of water in ethanol to be used in gasoline blends. It is applicable to ethanol having water contents in the range 0,02 % (m/m) to 0,5 % (m/m).

Keel en

#### **EVS-EN 15490:2007**

Hind 95,00

Identne EN 15490:2007

#### **Ethanol as a blending component for petrol - Determination of pHe**

This European Standard describes a procedure for the determining the acid strength, as a pHe value, of ethanol to be used as a blend component for gasoline.

Keel en



## **EVS-EN 15491:2007**

Hind 84,00

Identne EN 15491:2007

### **Ethanol as a blending component for petrol - Determination of total acidity - Colour indicator titration method**

This European Standard specifies a method for determining the total acidity, calculated as acetic acid, of ethanol to be used in petrol blends. It is applicable to ethanol having total acid contents of between 0,001 % (m/m) to 0,015 % (m/m).

Keel en

## **KAVANDITE ARVAMUSKÜSITLUS**

### **prEN 599-1 rev**

Identne prEN 599-1:2007

Tähtaeg 30.12.2007

### **Puidu ja puittoodete vastupidavus. Bioloogiliste katsete alusel määratud profülaktiliste puidukaitsevahendite kaitseomadused. Osa 1: Tehnilised nõuded vastavalt ohuklassile**

Standardi EN 599 käesolev osa määrab kindlaks iga standardis EN 335-1 määratletud viie ohuklassi jaoks puidukaitsevahendite kaitseomaduste minimaalnõuded, mis on vajalikud täispuidu profülaktilisel töötlemisel bioloogilise hävimise vastu. Standard määrab kindlaks bioloogilised testid koos minimaalsete vanandamistestidega, mis on nõutavad vastavalt ohuklassile. Standard määrab kindlaks ka kvaliteedikriteeriumid, mis igal testil tuleb saavutada.

Keel en

Asendab EVS-EN 599-1:1999

### **prEN 1650 rev**

Identne prEN 1650:2007

Tähtaeg 30.12.2007

### **Keemilised desinfektsioonivahendid ja antiseptikumid. Toiduainetes, tööstuses, kodumajapidamises ja ametkondlikel aladel kasutatavate desinfektsioonivahendite ja antiseptikumide fungitsiidse aktiivsuse hindamine kvantitatiivse suspensioonkatsega.**

#### **Teimimismeetodid ja nõuded (faas 2, aste 1)**

Käesolev Euroopa standard määrab kindlaks teimimismeetodi (faas 2, aste 1) ja esitab miinimumnõuded nende keemiliselt desinfitseerivate ja antiseptiliste ainete fungitsiidse aktiivsuse kohta, mis moodustavad karedas vees homogeense ja füüsikaliselt stabiilse eeltöödeldud keskkonna. Neid aineid kasutatakse toiduainetes, tööstuses, kodumajapidamises ja ametkondlikel aladel, välja arvatud sellised kasutusala ja olukorrad, kus desinfektsioon on meditsiiniliselt nõutav, ning samuti eluskudedes kasutatavad ained peale nimetatud aladel kasutatavate tarbehügieenitoodete.

Keel en

Asendab EVS-EN 1650:2000

### **prEN 12485 rev**

Identne prEN 12485:2007

Tähtaeg 30.12.2007

### **Chemicals used for treatment of water intended for human consumption - Calcium carbonate, high-calcium lime and half-burnt dolomite - Test methods**

This European standard describes the methods used of the chemical analyses and physical properties of calcium carbonate, high-calcium lime and half-burnt dolomite used to treat water for human consumption.

Keel en

Asendab EVS-EN 12485:2001

### **prEN 12671 rev**

Identne prEN 12671:2007

Tähtaeg 30.12.2007

### **Chemicals used for treatment of water intended for human consumption - Chlorine dioxide generated in situ**

This document is applicable to chlorine dioxide generated on site for treatment of water intended for human consumption. It describes the characteristics for chlorine dioxide and specifies the composition and the corresponding test methods for chlorine dioxide. It gives information on its use in water treatment. It also determines the rules relating to safe handling and use of chlorine dioxide generated on site (see Annex B).

Keel en

Asendab EVS-EN 12671:2000

### **prEN 12876 rev**

Identne prEN 12876:2007

Tähtaeg 30.12.2007

### **Chemicals used for treatment of water intended for human consumption - Oxygen**

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

Keel en

Asendab EVS-EN 12876:2000

### **prEN ISO 5771 rev**

Identne prEN ISO 5771:2007

ja identne ISO/DIS 5771:2007

Tähtaeg 30.12.2007

### **Kummivoolikud ja voolikukomplektid veevaba ammoniaagi teisaldamiseks. Tehnilised andmed**

Käesolev standard määrab kindlaks miinimumnõuded kummivoolikule, mida kasutatakse ammoniaagi teisaldamiseks, vedelal või gaasilisel kujul, ümbritseva keskkonna temperatuuridel -40 °C ja +55 °C vahel.

Keel en

Asendab EVS-EN ISO 5771:2000

## 73 MÄENDUS JA MAAVARAD

### KAVANDITE ARVAMUSKÜSITLUS

#### **prEN 13161 rev**

Identne prEN 13161:2007

Tähtaeg 30.12.2007

#### **Natural stone test methods - Determination of flexural strength under constant moment**

This European Standard specifies a method to determine the flexural strength of natural stones under constant moment. This European Standard contains provision for both an identification test and for a technological test.

Keel en

Asendab EVS-EN 13161:2002

#### **prEN 13755 rev**

Identne prEN 13755:2007

Tähtaeg 30.12.2007

#### **Natural stone test methods - Determination of water absorption at atmospheric pressure**

This European Standard specifies a method for determining the water absorption of natural stone – see EN 12670 for terminology and EN 12440 for denomination - by immersion in water at atmospheric pressure.

Keel en

Asendab EVS-EN 13755:2002

#### **prEN 14066 rev**

Identne prEN 14066:2007

Tähtaeg 30.12.2007

#### **Natural stone test methods - Determination of resistance to ageing by thermal shock**

This European Standard specifies a method to assess possible modifications of natural stones under the effect of sudden changes in temperature (thermal shock)

Keel en

Asendab EVS-EN 14066:2003

## 75 NAFTA JA NAFTATEHNOLOOGIA

### UUED STANDARDID

#### **CEN/TR 15591:2007**

Hind 190,00

Identne CEN/TR 15591:2007

#### **Solid recovered fuels - Determination of the biomass content based on the 14C method**

This Technical Report gives an overview of the suitability of 14C-based methods for the determination of the fraction of biomass carbon in solid recovered fuels, using detection by scintillation, gas ionization and mass spectrometry.

Keel en

#### **CEN/TS 15639:2007**

Hind 95,00

Identne CEN/TS 15639:2007

#### **Solid recovered fuels - Methods for the determination of mechanical durability of pellets**

This document specifies test methods for the determination of the mechanical durability of pellets. It is intended to be applied by persons and organisations that manufacture, plan, sell, erect or use machinery, equipment, tools and entire plants related to such pellets, and that are involved in producing, purchasing, selling and utilising pellets. The method is not applicable to soft pellets.

Keel en

#### **EVS-EN ISO 4264:2007**

Hind 123,00

Identne EN ISO 4264:2007

ja identne ISO 4264:2007

#### **Naftasaadused. Tsetaaniarvu arvutamine keskmiselt destilleeritud kütustes nelja muutujaga võrrandi abil**

Käesolev standard kirjeldab tsetaaniarvu arvutamise käiku naftapäritoluga keskmiselt destilleeritud kütustes. Arvutatud väärtust on nimetatud kui "tsetaanindeks nelja muutujaga võrrandi abil". Standard ei ole rakendatav kütustele, mis sisaldavad kasvava tsetaanarvuga lisandeid, ka mitte puhastele süsivesinikele ja ka mitte destillaatkütustele, mis pärinevad kivisöest. Standard on rakendatav kütustele, mis sisaldavad mitteraafat derivaate bitumioosetest liivadest ja põlevkiviõlist.

Keel en

Asendab EVS-EN ISO 4264:2000

### ASENDATUD VÕI TÜHISTATUD STANDARDID

#### **EVS-EN ISO 4264:2000**

Identne EN ISO 4264:1996

ja identne ISO 4264:1995

#### **Naftasaadused. Tsetaaniarvu arvutamine keskmiselt destilleeritud kütustes nelja muutujaga võrrandi abil**

Käesolev standard kirjeldab tsetaaniarvu arvutamise käiku naftapäritoluga keskmiselt destilleeritud kütustes. Arvutatud väärtust on nimetatud kui "tsetaanindeks nelja muutujaga võrrandi abil". Standard ei ole rakendatav kütustele, mis sisaldavad kasvava tsetaanarvuga lisandeid, ka mitte puhastele süsivesinikele ja ka mitte destillaatkütustele, mis pärinevad kivisöest. Standard on rakendatav kütustele, mis sisaldavad mitteraafat derivaate bitumioosetest liivadest ja põlevkiviõlist.

Keel en

Asendatud EVS-EN ISO 4264:2007

## **KAVANDITE ARVAMUSKÜSITLUS**

### **prCEN/TR 15716**

Identne prCEN/TR 15716:2007

Tähtaeg 30.12.2007

#### **Solid recovered fuels - Determination of combustion behaviour**

In general, SRF have a long history going back to the oil crises approximately 30 years ago, when RDF (refused derived fuel) was promoted as a substitute low cost fuel. Contrary to that situation 30 years ago, the producers of SRF took the initiative for the implementation of a quality system to meet and guarantee specified fuel classification and specification parameters. Now quality systems exist in several EU Member States and CEN was given a mandate by the Commission to develop standards for SRF [2]. According to the business plan of CEN/TC 343, the topics of major interest are addressed in five different working groups. The topic combustion behaviour is under Working Group 4, and deals with mechanical and physical test methods. Considering the development and adaptation of analytical methods for the characterisation of the combustion behaviour of SRF, the following questions have to be answered:

- What are the efforts for the proposed methods?
- What is the reliability of the proposed methods?
- Are the methods applicable for all SRF qualities?
- What is the benefit for the end user?
- Can the results be reliably transferred to the different utilisation processes?

Keel en

### **prEN 15721**

Identne prEN 15721:2007

Tähtaeg 30.12.2007

#### **Ethanol as a blending component for petrol - Determination of higher alcohols, methanol and volatile impurities - Gas chromatographic method**

This standard specifies a gas chromatographic method for ethanol, in which higher alcohols (1-propanol, 1-butanol, 2-butanol, 2-methyl-1-propanol, 2-methyl-1-butanol, and 3-methyl-1-butanol) up to 2,5 % (m/m), methanol up to 3 % (m/m) and other volatile impurities, especially ethyl acetate, acetic aldehyde and 1,1-diethoxyethane, in the range up to 2 % (m/m) are determined. Due to possible interferences the method is not applicable to denatured ethanol samples.

Keel en

### **prEN ISO 14691 rev**

Identne prEN ISO 14691:2007

ja identne ISO/DIS 14691:2007

Tähtaeg 30.12.2007

#### **Petroleum, petrochemical and natural gas industries - Flexible couplings for mechanical power transmission - General-purpose applications**

This International Standard specifies the requirements for couplings for the transmission of power between the rotating shafts of two machines for general purpose applications in the petroleum, petrochemical and natural gas industries. Such applications typically require couplings to transmit power at speeds not exceeding 4 000 r/min, between machines in which the first lateral critical speed is above the running speed range (stiff-shaft machines). It may, by agreement, be used for applications outside these limits.

Keel en

Asendab EVS-EN ISO 14691:2001

### **prEN ISO 20312**

Identne prEN ISO 20312:2007

ja identne ISO/DIS 20312:2007

Tähtaeg 30.12.2007

#### **Petroleum and natural gas industries - Design and operating limits of drill strings with aluminium alloy components**

This standard shall apply to design and operating limits for the drill strings containing aluminium alloy pipes manufactured in accordance with ISO 15546:2002.

Keel en

### **prEN ISO 25457**

Identne prEN ISO 25457:2007

ja identne ISO/DIS 25457:2007

Tähtaeg 30.12.2007

#### **Petroleum, petrochemical and natural gas industries - Flare details for general refinery and petrochemical service**

This International Standard specifies requirements and provides guidance for selection, design, specification, operation and maintenance of flares and related combustion and mechanical components used in pressure relieving and vapour-depressuring systems for petroleum, petrochemical and natural gas industries. Although this International Standard is primarily intended for new flares and related equipment, it may also be used in the evaluation of existing flare facilities. Annexes A, B and C provide further guidance and best practices for the selection, specification and mechanical details for flares and on the design, operation and maintenance of flare combustion and related equipment. Annex D explains how to use the data sheets provided in Annex E; these data sheets should be used to communicate and record design information

Keel en

## **77 METALLURGIA**

### **UUED STANDARDID**

#### **EVS-EN 573-3:2007**

Hind 199,00

Identne EN 573-3:2007

#### **Aluminium and aluminium alloys - Chemical composition and form of wrought products - Part 3: Chemical composition**

This European Standard specifies the chemical composition limits of wrought aluminium and wrought aluminium alloys and form of products. The chemical composition limits of aluminium and aluminium alloys specified herein are completely identical with those registered with the Aluminum Association, 1525, Wilson Boulevard, Suite 600, Arlington, VA 22209, USA, for the corresponding alloys.

Keel en

Asendab EVS-EN 573-3:2003; EVS-EN 573-4:2004

**EVS-EN 3999:2007**

Hind 84,00

Identne EN 3999:2007

**Aerospace series - Aluminium alloy AL-P2024-T351 - Sheet and strip with improved chemical milling capability 1,6 mm ≤ a ≤ 6 mm**

This standard specifies the requirements relating to: Aluminium alloy AL-P2024-T351 — Sheet and strip with improved chemical milling capability 1,6 mm ≤ a ≤ 6 mm for aerospace application. This material is manufactured to a minimum residual stress requirement for chemical milling applications.

Keel en

**EVS-EN 4002:2007**

Hind 84,00

Identne EN 4002:2007

**Aerospace series - Aluminium alloy AL-P2219-T81 - Sheet and strip 0,5 mm ≤ a ≤ 6 mm**

This standard specifies the requirements relating to: Aluminium alloy AL-P2219-T81 — Sheet and strip 0,5 mm ≤ a ≤ 6 mm for aerospace applications.

Keel en

**EVS-EN 10216-2:2002+A2:2007**

Hind 151,00

Identne EN 10216-2:2002+A2:2007

**Surveotstarbelised õmblusteta terastorud. Tehnilised tarnetingimused. Osa 2: Süsinik- ja legeerterasest kõrgendatud temperatuuriomadustega torud KONSOLIDEERITUD TEKST**

This Part of EN 10216 specifies the technical delivery conditions in two test categories for seamless tubes of circular cross section, with specified elevated temperature properties, made of non-alloy and alloy steel.

Keel en

Asendab EVS-EN 10216-2:2002

**ASENDATUD VÕI TÜHISTATUD STANDARDID****EVS-EN 573-3:2003**

Identne EN 573-3:2003

**Aluminium and aluminium alloys - Chemical composition and form of wrought products - Part 3: Chemical composition**

This European Standard specifies the chemical composition limits of wrought aluminium and aluminium alloys. □ The chemical composition limits of aluminium and aluminium alloys specified herein are completely identical with those registered with the Aluminum Association, Washington DC 20006, USA, for the corresponding alloys

Keel en

Asendab EVS-EN 573-3:2000

Asendatud EVS-EN 573-3:2007

**EVS-EN 573-4:2004**

Identne EN 573-4:2004

**Alumiinium ja alumiiniumisulamid. Deformeeritavate toodete keemiline koostis ja kuju. Osa 4: Toodete kuju**

This European Standard gives the forms of products which are currently available for wrought aluminium and aluminium alloys, for each major field of application. It applies to aluminium and aluminium alloys with the chemical compositions specified in EN 573-3.

Keel en

Asendab EVS-EN 573-4:2000

Asendatud EVS-EN 573-3:2007

**EVS-EN 10216-2:2002**

Identne EN 10216-2:2002

**Surveotstarbelised õmblusteta terastorud.****Tehnilised tarnetingimused. Osa 2:****Kindlaksmääratud kõrgtemperatuuriliste omadustega süsinik- ja sulamterasest torud**

This Part of EN 10216 specifies the technical delivery conditions in two test categories for seamless tubes of circular cross section, with specified elevated temperature properties, made of non-alloy and alloy steel.

Keel en

Asendatud EVS-EN 10216-2:2002+A2:2007

**KAVANDITE ARVAMUSKÜSITLUS****EN 12385-3:2004/prA1**

Identne EN 12385-3:2004/prA1:2007

Tähtaeg 30.12.2007

**Terastraadist trossid. Ohutus. Osa 3: Kasutus- ja hooldusinformatsioon**

This Part of this European Standard specifies the type of information for use and maintenance of steel wire ropes to be provided by the rope manufacturer or to be included in the manufacturer's handbook that accompanies a machine, piece of equipment or installation of which the steel wire rope forms a part

Keel en

**EN 12385-1:2002/prA1**

Identne EN 12385-1:2002/prA1:2007

Tähtaeg 30.12.2007

**Terastraadist trossid. Ohutus. Osa 1: Üldnõuded**

This part of this European Standard specifies the general requirements related to safety for the manufacture and testing of steel wire ropes. It shall be used in conjunction with the appropriate part of this standard which specifies the additional or deviating requirements related to the specific rope application. The hazards covered by this part are identified in clause 4. Any additional hazards related to the specific rope application are identified in the appropriate part of this standard. Annex A gives the type testing regimes for ropes produced in series. Annex ZA gives the relationship with EU-Directives. This standard applies to ropes which have been manufactured after the date of issue of the standard.

Keel en

**EN 12385-2:2003/prA1**

Identne EN 12385-2:2002/prA1:2007

Tähtaeg 30.12.2007

**Terastraadist trossid. Ohutus. Osa 2: Määratlused, nimetused ja klassifikatsioon**

This part of this European Standard has been prepared to support Parts 4 to 10 that concern themselves with the particular requirements for steel wire ropes for use in specific applications

Keel en

**EN 12385-10:2004/prA1**

Identne EN 12385-10:2003/prA1:2007

Tähtaeg 30.12.2007

**Terastraadist trossid. Ohutus. Osa 10: Spiraalköied kasutamiseks üldkonstruktsioonides**

This Part of this European Standard specifies the additional materials, manufacturing and testing requirements to those given in Part 1 for full locked coil and spiral strand ropes incorporating zinc or zinc alloy coated wires for general structural applications. It shall be used in conjunction with Parts 1 and 2 of this standard. For information only, typical breaking forces for both full-locked coil rope and spiral strand rope are given in annexes B and C for some of the more common sizes

Keel en

**EN 13411-3:2004/prA1**

Identne EN 13411-3:2004/prA1:2007

Tähtaeg 30.12.2007

**Terastraadist trosside otsmuhvid. Ohutus. Osa 3: Jätkuklemmid ja nende kindlustamine**

This European Standard deals with the requirements for the ferrule-securing of eyes and endless loops. It also deals with the requirements for ferrules for the ferrule-securing of eyes and endless loops. This European Standard applies to the ferrule-securing of eye terminations formed either by a Flemish eye or turnback eye and covers ferrules made of non alloy carbon steel and aluminium. This European Standard applies to slings and assemblies using steel wire ropes for general lifting applications up to and including 60mm diameter conforming to EN 12385-4, lift ropes conforming to EN 12385-5 and spiral strand ropes conforming to EN 12385-10.

Keel en

**EN 13411-4:2002/prA1**

Identne EN 13411-4:2002/prA1:2007

Tähtaeg 30.12.2007

**Terastraadist trosside otsmuhvid. Ohutus. Osa 4: Metall- ja polümeerliitmikud**

This European Standard specifies the minimum requirements for the molten metal and resin socketing of steel wire ropes conforming to EN 12385 parts 4 to 10. The standard covers only those requirements that ensure that the socketing is strong enough to withstand a force of at least 100% of the minimum breaking force of the rope.

Keel en

**EN 13411-6:2004/prA1**

Identne EN 13411-6:2004/prA1:2007

Tähtaeg 30.12.2007

**Terastraadist trosside otsmuhvid. Ohutus. Osa 6: Asümeetrilised kiil-liitmikud**

This European Standard specifies the minimum requirements, for asymmetrical wedge socket terminations for stranded steel wire ropes. Examples of the construction and sizes of two separate designs of asymmetric wedge sockets are given in informative annexes A and B. The informative annex C gives recommendations for safe use and inspection. This European Standard deals with all significant hazards, hazardous situations and events relevant to asymmetric wedge sockets for terminations for steel wire ropes, when used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer.

Keel en

**prCEN/TS 13388 rev**

Identne prCEN/TS 13388:2007

Tähtaeg 30.12.2007

**Copper and copper alloys - Compendium of compositions and products**

This document provides a summary of material designations, compositions and the product forms in which they are available, for coppers and copper alloys standardized in European Standards by CEN/TC 133 "Copper and copper alloys". It also includes copper alloys which are not standardized by CEN/TC 133 but by other CEN Technical Committees responsible for products in copper alloys, and other copper alloys not yet standardized. These alloys have been registered by CEN/TC 133 in accordance with the procedures laid down in CEN Report CR 12776.

Keel en

Asendab CEN/TS 13388:2004

**prEN 723 rev**

Identne prEN 723:2007

Tähtaeg 30.12.2007

**Vask ja vasesulamid. Põletusmeetod süsiniku määramiseks vasktorude või -armatuuri sisepinnal**

See Euroopa standard määrab kindlaks põletusmeetodi süsinikusisalduse määramiseks vasktorude või -armatuuri sisepinnal, kui süsinikku leidub. Standard kehtib ainult selliste ümmarguste vasktorude kohta, nagu on määratud standardis EN 1057, või vaskarmatuuri kohta, nagu on määratud Euroopa standardite kavandites prEN 1254-1 ja prEN 1254-5.

Keel en

Asendab EVS-EN 723:1999

**prEN 1173 rev**

Identne prEN 1173:2007

Tähtaeg 30.12.2007

**Vask ja vasesulamid. Materjali kvaliteedi või legerivate lisandite tähistus**

See Euroopa standard kehtestab tähistussüsteemi materjali kvaliteedi või nende legerivate lisandite kohta, mida kasutatakse omaduste kohustuslike nõuete identifitseerimiseks.

Keel en

Asendab EVS-EN 1173:1999

**prEN 1982 rev**

Identne prEN 1982:2007

Tähtaeg 30.12.2007

**Vask ja vasesulamid. Valukangid ja valandid**

This European Standard specifies the composition, mechanical properties and other relevant characteristics of the materials. The sampling procedures and test methods for the verification of conformity to the requirements of this standard are also specified.

This standard is applicable to:

- a) copper alloy ingots intended to be remelted for the production of castings; and
- b) copper and copper alloy castings which are intended for use without subsequent working other than machining. The castings may be manufactured by the sand, permanent mould, centrifugal, continuous or pressure die casting process.

Recommended practice for the ordering and supply of castings is included in Annex A. Optional supplementary inspection procedures for ingots and castings are included in Annex B.

Keel en

Asendab EVS-EN 1982:1999

**prEN 15530**

Identne prEN 15530:2007

Tähtaeg 30.12.2007

**Aluminium and aluminium alloys - Environmental aspects of aluminium products - General guidelines for their inclusion in standards**

This European Standard gives guidelines for standard writers who draft standards dealing with aluminium products or dealing with semi-finished products which are intended to be used for aluminium products. It applies to all applications of aluminium products. It provides a structure on how to identify and consider environmental aspects and potential environmental impacts of aluminium products throughout their life cycle, when writing standards taking into account the specific properties of aluminium and specific aspects of the life cycle of aluminium products. It gives guidance on how the life cycle of aluminium products should be taken into account, considering the provisions given in EN ISO 14044. It also explains cases where restrictions on aluminium products, which are motivated by environmental considerations, are not appropriate and gives guidance on how to avoid unnecessary requirements. This European Standard does not include health and safety aspects related to the production, use or recycling of aluminium products.

Keel en

**prEN 15622**

Identne prEN 15622:2007

Tähtaeg 30.12.2007

**Copper and copper alloys - Determination of lead content - Flame atomic absorption spectrometry method (FAAS)**

This document specifies a flame atomic absorption spectrometry method (FAAS) for the determination of the lead in copper and copper alloys in the form of castings or unwrought or wrought products. The method is applicable to products having lead mass fractions between 0,01 % and 5,0 %.

Keel en

**prEN 61788-6**

Identne prEN 61788-6:2007

ja identne IEC 61788-6:200X

Tähtaeg 30.12.2007

**Superconductivity -- Part 6: Mechanical properties measurement - Room temperature tensile test of Cu/Nb-Ti composite superconductors**

This part of IEC 61788 covers a test method detailing the tensile test procedures to be carried out on Cu/Nb-Ti superconductive composite wires at room temperature. This test is used to measure modulus of elasticity, 0,2 % proof strength of the composite due to yielding of the copper component, and tensile strength. The value for percentage elongation after fracture and the second type of 0,2 % proof strength due to yielding of the Nb-Ti component serves only as a reference (see Clauses A.1 and A.2). The sample covered by this test procedure has a round or rectangular cross-section with an area of 0,15 mm<sup>2</sup> to 2 mm<sup>2</sup> and a copper to superconductor volume ratio of 1,0 to 8,0 and without the insulating coating.

Keel en

Asendab EVS-EN 61788-6:2002

**prEN ISO 6892**

Identne prEN ISO 6892:2007

ja identne ISO/DIS 6892:2007

Tähtaeg 30.12.2007

**Metallic materials - Tensile testing - Method of testing at ambient temperature**

This International Standard specifies the method for tensile testing of metallic materials and defines the mechanical properties which can be determined at ambient temperature

Keel en

**prEN ISO 7539-8**

Identne prEN ISO 7539-8:2007

ja identne ISO 7539-8:2000

Tähtaeg 30.12.2007

**Corrosion of metals and alloys - Stress corrosion testing - Part 8: Preparation and use of specimens to evaluate weldments**

This part of ISO 7539 covers the procedures available for stress corrosion testing of welded specimens and examines the additional factors which must be taken into account when conducting tests on welded specimens. In particular this part of ISO 7539 gives recommendations for the choice of specimens and test procedures to determine the resistance of a metal to stress corrosion when it is welded. The term "metal", as used in this part of ISO 7539, includes alloys.

Keel en

**prEN ISO 7539-9**

Identne prEN ISO 7539-9:2007

ja identne ISO 7539-9:2003

Tähtaeg 30.12.2007

**Corrosion of metals and alloys - Stress corrosion testing - Part 9: Preparation and use of pre-cracked specimens for tests under rising load or rising displacement**

This part of ISO 7539 covers procedures for designing, preparing and using pre-cracked specimens for investigating the susceptibility of metal to stress corrosion cracking by means of tests conducted under rising load or rising displacement. Tests conducted under constant load or constant displacement are dealt with in ISO 7539-6. The term "metal" as used in this part of ISO 7539 includes alloys.

Keel en

**prEN ISO 10270**

Identne prEN ISO 10270:2007

ja identne ISO 10270:1995

Tähtaeg 30.12.2007

**Corrosion of metals and alloys - Aqueous corrosion testing of zirconium alloys for use in nuclear power reactors**

This International Standard specifies:

- a) the determination of mass gain;
- b) the surface inspection of products of zirconium and its alloys when corrosion tested in water at 360 °C or in steam at or above 400 °C;
- c) that the tests in steam shall be performed at 10,3 MPa (1 500 Psi).

Keel en

**prEN ISO 11303**

Identne prEN ISO 11303:2007

ja identne ISO 11303:2002

Tähtaeg 30.12.2007

**Corrosion of metals and alloys - Guidelines for selection of protection methods against atmospheric corrosion**

This International Standard gives guidance on the selection of methods of protection against atmospheric corrosion of metals and alloys. It is applicable for technical equipment and products made of structural metals and used under atmospheric conditions. In a rational selection of protection methods, the corrosivity of the atmospheric environments is one of the important factors. These guidelines use the atmospheric corrosivity classification defined in ISO 9223.

Keel en

**prEN ISO 11463**

Identne prEN ISO 11463:2007

ja identne ISO 11463:1995

Tähtaeg 30.12.2007

**Corrosion of metals and alloys - Evaluation of pitting corrosion**

This International Standard gives guidance on the selection of procedures that can be used in the identification and examination of pits and in the evaluation of pitting corrosion.

Keel en

**prEN ISO 11782-1**

Identne prEN ISO 11782-1:2007

ja identne ISO 11782-1:1998

Tähtaeg 30.12.2007

**Corrosion of metals and alloys - Corrosion fatigue testing - Part 1: Cycles to failure testing**

This International Standard provides guidance and instruction on corrosion fatigue testing of metals and alloys in aqueous or gaseous environments and is concerned with cycles to failure testing. Crack propagation testing is considered in ISO 11782-2.

Keel en

**prEN ISO 11782-2**

Identne prEN ISO 11782-2:2007

ja identne ISO 11782-2:1998

Tähtaeg 30.12.2007

**Corrosion of metals and alloys - Corrosion fatigue testing - Part 2: Crack propagation testing using precracked specimens**

This part of ISO 11782 describes the fracture mechanics method of determining the crack growth rates of preexisting cracks under cyclic loading in a controlled environment and the measurement of the threshold stress intensity factor range for crack growth below which the rate of crack advance falls below some defined limit agreed between parties.

Keel en

**prEN ISO 11844-1**

Identne prEN ISO 11844-1:2007

ja identne ISO 11844-1:2006

Tähtaeg 30.12.2007

**Corrosion of metals and alloys - Classification of low corrosivity of indoor atmospheres - Part 1: Determination and estimation of indoor corrosivity**

This part of ISO 11844 deals with the classification of low corrosivity of indoor atmospheres. The aim of this part of ISO 11844 is

- to characterise indoor atmospheric environments of low corrosivity that can affect metals and metallic coatings during storage, transport, installation or operational use,
- to set a consistent way of indoor corrosivity classification, and
- to prescribe procedures for derivation and estimation of indoor corrosivity categories.

This part of ISO 11844 specifies technical metals, whose corrosion attack after a defined exposure period is used for determination of corrosivity categories of indoor atmospheres of low corrosivity. This part of ISO 11844 defines corrosivity categories of indoor atmospheres according to corrosion attack on standard specimens. This part of ISO 11844 indicates important parameters of indoor atmospheres that can serve as a basis for an estimation of indoor corrosivity.

Keel en

**prEN ISO 11844-2**

Identne prEN ISO 11844-2:2007

ja identne ISO 11844-2:2005

Tähtaeg 30.12.2007

**Corrosion of metals and alloys - Classification of low corrosivity of indoor atmospheres - Part 2: Determination of corrosion attack in indoor atmospheres**

This part of ISO 11844 specifies methods for determination of corrosion rate with standard specimens of metals in indoor atmospheres with low corrosivity. For this direct method of evaluation of corrosivity, different sensitive methods can be applied using standard specimens of the following metals: copper, silver, zinc and steel. The values obtained from the measurements are used as classification criteria for the determination of indoor atmospheric corrosivity.

Keel en

**prEN ISO 11844-3**

Identne prEN ISO 11844-3:2007

ja identne ISO 11844-3:2006

Tähtaeg 30.12.2007

**Corrosion of metals and alloys - Classification of low corrosivity of indoor atmospheres - Part 3: Measurement of environmental parameters affecting indoor corrosivity**

This part of ISO 11844 describes methods for measuring the environmental parameters used to classify the corrosivity of indoor atmospheres on metals and alloys.

Keel en

**prEN ISO 11846**

Identne prEN ISO 11846:2007

ja identne ISO 11846:1995

Tähtaeg 30.12.2007

**Corrosion of metals and alloys - Determination of resistance to intergranular corrosion of solution heat-treatable aluminium alloys**

This International Standard specifies the methods of intergranular corrosion testing for Solution heat-treatable aluminium alloys without protective coatings. The sensitivity of Solution heat-treatable aluminium alloys to intergranular corrosion is a function of the alloy Chemical composition, method of manufacturing, Solution heat treatment, quench treatment and artificial precipitation hardening (ageing) treatment. In the naturally aged condition, the sensitivity of solution heat-treatable aluminium alloys to intergranular corrosion is a function primarily of the rate of cooling during quenching over a critical temperature range.

Keel en

**prEN ISO 12732**

Identne prEN ISO 12732:2007

ja identne ISO 12732:2006

Tähtaeg 30.12.2007

**Corrosion of metals and alloys - Electrochemical potentiokinetic reactivation measurement using the double loop method (based on Čihal's method)**

This International Standard specifies the method for measuring the degree of sensitization (DOS) in stainless steel and nickel-based alloys using the Double Loop Electrochemical Potentiokinetic Reactivation (DL-EPR) test (based on Čihal's method). The method may be used for the quantitative assessment of deleterious thermal effects resulting in the formation of alloy-element-depleted zones at grain boundaries or in the matrix. However, attention should be paid when testing heat-affected weld zones, due to possible non-uniform distribution of sensitized zones along the fusion lines. The results of the test can be used as an index to identify the potential susceptibility of stainless steel and nickel-based alloys to intergranular corrosion, pitting corrosion, and intergranular-stress corrosion cracking, but prediction of these corrosion modes depends on complementary specific testing. This International Standard describes the general methodology and, in Annex C, gives examples of suitable test exposure conditions for specific alloys.

Keel en

**prEN ISO 15324**

Identne prEN ISO 15324:2007

ja identne ISO 15324:2000

Tähtaeg 30.12.2007

**Corrosion of metals and alloys - Evaluation of stress corrosion cracking by the drop evaporation test**

This International Standard specifies the procedure for determining the relative resistance of stainless steels and nickel-base alloys to stress corrosion cracking in a sodium chloride drop evaporation system. The method results in a threshold stress to fracture, the magnitude of which can be used to rank the relative performance of different alloys for this environment.

Keel en

**prEN ISO 15329**

Identne prEN ISO 15329:2007

ja identne ISO 15329:2006

Tähtaeg 30.12.2007

**Corrosion of metals and alloys - Anodic test for evaluation of intergranular corrosion susceptibility of heat-treatable aluminium alloys**

This International Standard specifies an electrochemical method to determine susceptibility to intergranular corrosion of solution-heat-treatable aluminium alloys, that is 2XXX, 6XXX, 7XXX and 8XXX alloys, without protective coatings and in various ageing conditions. This International Standard is applicable to cast and wrought heat-treatable aluminium alloys in the form of castings, forgings, plates, sheets, extrusions, and semi-finished or finished parts, in order to carry out a comparative assessment of alloys of different grades and thickness depending on their chemical composition and other factors, and also to check the thermal processing quality of the tested materials. The test results provide information to help to determine the intergranular corrosion resistance and thermal processing quality of the tested materials (see Clauses 8 and 9). The test results cannot be regarded as absolute, because they are not applicable to all environments that can be met in service. They are best used in a relative manner, to compare the intergranular corrosion resistance of various heats of solution-heat-treatable aluminium alloys.

Keel en

**prEN ISO 16151**

Identne prEN ISO 16151:2007

ja identne ISO 16151:2005

Tähtaeg 30.12.2007

**Corrosion of metals and alloys - Accelerated cyclic tests with exposure to acidified salt spray, "dry" and "wet" conditions**

This International Standard specifies two accelerated corrosion-test procedures, Methods A and B, for the comparative evaluation of metallic materials with or without permanent corrosion protection or temporary corrosion protection in outdoor salt/acid rain environments. It also specifies the apparatus used. The two tests involve cyclic exposure of the specimens to acidified salt spray, "dry" and "wet" conditions. The particular advantages of the two tests over conventional accelerated tests, such as the neutral salt spray test (NSS) as specified in ISO 9227 lie in their better ability to reproduce the corrosion that occurs in outdoor salt/acid rain environments. They are also useful for evaluating cosmetic corrosion.

Keel en



#### **prEN ISO 16701**

Identne prEN ISO 16701:2007

ja identne ISO 16701:2003

Tähtaeg 30.12.2007

#### **Corrosion of metals and alloys - Corrosion in artificial atmosphere - Accelerated corrosion test involving exposure under controlled conditions of humidity cycling and intermittent spraying of a salt solution**

This International Standard defines an accelerated corrosion test method to be used in assessing the corrosion resistance of metals in environments where there is a significant influence of chloride ions, mainly as sodium chloride from a marine source or road de-icing salt. This International Standard specifies the test apparatus and test procedure to be used in conducting the accelerated corrosion test to simulate, in a very controlled way, atmospheric corrosion conditions. In this International Standard, the term "metal" includes metallic materials with or without corrosion protection. The accelerated laboratory corrosion test applies to

- metals and their alloys;
- metallic coatings (anodic and cathodic);
- chemical conversion coatings;
- organic coatings on metals.

The method is especially suitable for comparative testing in the optimization of surface treatment systems.

Keel en

#### **prEN ISO 16784-1**

Identne prEN ISO 16784-1:2007

ja identne ISO 16784-1:2006

Tähtaeg 30.12.2007

#### **Corrosion of metals and alloys - Corrosion and fouling in industrial cooling water systems - Part 1: Guidelines for conducting pilot-scale evaluation of corrosion and fouling control additives for open recirculating cooling water systems**

This part of ISO 16784 applies to corrosion and fouling in industrial cooling water systems. This part of ISO 16784 covers the criteria that must be defined and implemented in a pilot-scale testing programme to select water treatment programmes for use in specific recirculating cooling water systems. This part of ISO 16784 covers only open recirculating cooling water systems. Closed cooling systems and once-through cooling water systems are specifically excluded. This part of ISO 16784 applies only to systems incorporating shell-and-tube heat exchangers with standard uncoated smooth tubes and cooling water on the tube side. Heat exchangers with shell-side water, plate and frame and/or spiral heat exchangers, and other heat exchange devices are specifically excluded. However, when the test conditions are properly set up to model the surface temperature and shear stress in more complex heat-transfer devices, the test results may predict what may occur in an operating heat exchanger of that design. The test criteria established in this part of ISO 16784 are not intended to govern the type of bench and pilot-scale testing normally carried out by water treatment companies as part of their proprietary product-development programmes. However, water treatment companies may choose to use the criteria in this part of ISO 16784 as guidelines in the development of their own product-development test procedures.

Keel en

#### **prEN ISO 16784-2**

Identne prEN ISO 16784-2:2007

ja identne ISO 16784-2:2006

Tähtaeg 30.12.2007

#### **Corrosion of metals and alloys - Corrosion and fouling in industrial cooling water systems - Part 2: Evaluation of the performance of cooling water treatment programmes using a pilot-scale test rig**

This part of ISO 16784 applies to corrosion and fouling in industrial cooling water systems. This part of ISO 16784 describes a method for preliminary evaluation of the performance of treatment programmes for open recirculating cooling water systems. It is based primarily on laboratory testing but the heat exchanger testing facility can also be used for on-site evaluation. This part of ISO 16784 does not include heat exchangers with cooling water on the shell-side (i.e. external to the tubes).

Keel en

#### **prEN ISO 17081**

Identne prEN ISO 17081:2007

ja identne ISO 17081:2004

Tähtaeg 30.12.2007

#### **Method of measurement of hydrogen permeation and determination of hydrogen uptake and transport in metals by an electrochemical technique**

This International Standard specifies a laboratory method for the measurement of hydrogen permeation and for the determination of hydrogen atom uptake and transport in metals, using an electrochemical technique. The term "metal" as used in this International Standard includes alloys. This International Standard describes a method for evaluating hydrogen uptake in metals, based on measurement of steady-state hydrogen flux. It also describes a method for determining effective diffusivity of hydrogen atoms in a metal and for distinguishing reversible and irreversible trapping. This International Standard gives requirements for the preparation of specimens, control and monitoring of the environmental variables, test procedures and analysis of results. This International Standard may be applied, in principle, to all metals for which hydrogen permeation is measurable and the method can be used to rank the relative aggressivity of different environments in terms of the hydrogen uptake of the exposed metal.

Keel en

#### **prEN ISO 17475**

Identne prEN ISO 17475:2007

ja identne ISO 17475:2005

Tähtaeg 30.12.2007

#### **Corrosion of metals and alloys - Electrochemical test methods - Guidelines for conducting potentiostatic and potentiodynamic polarization measurements**

This International Standard applies to corrosion of metals and alloys, and describes the procedure for conducting potentiostatic and potentiodynamic polarization measurements. The test method can be used to characterise the electrochemical kinetics of anodic and cathodic reactions, the onset of localised corrosion and the repassivation behaviour of a metal.

Keel en

### **prEN ISO 17864**

Identne prEN ISO 17864:2007

ja identne ISO 17864:2005

Tähtaeg 30.12.2007

#### **Corrosion of metals and alloys - Determination of the critical pitting temperature under potentiostatic control**

This International Standard describes the procedure for determining the critical pitting temperature for stainless steels (austenitic, ferritic/austenitic, ferritic stainless steel) under potentiostatic control. The principal advantage of the test is the rapidity with which the critical pitting temperature can be measured in a single test. The critical pitting temperature, as determined in this International Standard, can be used as a relative index of performance, for example, to compare the relative performance of different grades of stainless steel. The test described in this International Standard is not intended to determine the temperature at which pitting will occur in service.

Keel en

### **prEN ISO 20312**

Identne prEN ISO 20312:2007

ja identne ISO/DIS 20312:2007

Tähtaeg 30.12.2007

#### **Petroleum and natural gas industries - Design and operating limits of drill strings with aluminium alloy components**

This standard shall apply to design and operating limits for the drill strings containing aluminium alloy pipes manufactured in accordance with ISO 15546:2002.

Keel en

## **79 PUIDUTEHNOLOOGIA**

### **UUED STANDARDID**

#### **CEN/TS 635-4:2007**

Hind 95,00

Identne CEN/TS 635-4:2007

#### **Plywood - Classification by surface appearance - Part 4: Parameters of ability for finishing, guideline**

This document gives guidance for the end user on the selection of plywood for application of various finishes for use in dry, humid, or exterior end-use conditions.

Keel en

Asendab EVS-ENV 635-4:1999

#### **CEN/TS 1099:2007**

Hind 95,00

Identne CEN/TS 1099:2007

#### **Plywood - Biological durability - Guidance for the assessment of plywood for use in different use classes**

This document gives guidance on the selection of plywood for use in the different use classes as defined in EN 335-1. The guidance given takes into account the natural durability classification for solid timber (see EN 350-2) together with other factors specific for plywood. It does not consider durability against chemico-physical factors, such as weathering, nor does it consider the biological durability of the adhesive. Guidance on precautionary measures for use is also given.

Keel en

Asendab EVS-ENV 1099:1999

#### **CEN/TS 12872:2007**

Hind 162,00

Identne CEN/TS 12872:2007

#### **Wood-based panels - Guidance on the use of load-bearing boards in floors, walls and roofs**

This document gives guidance on the use of wood-based panels in structural applications as structural floor and roof decking on joists or structural wall sheathing on studs in accordance with EN 12871. It provides information on: - inspection at site; - transport and delivery; - handling; - stacking; - storage; - moisture content, conditioning and the effects of moisture; - cutting and machining; - selection; - installation.

Keel en

#### **EVS-EN 847-1:2005+A1:2007**

Hind 199,00

Identne EN 847-1:2005+A1:2007

#### **Tools for woodworking - Safety requirements - Part 1: Milling tools, circular saw blades** **KONSOLIDEERITUD TEKST**

This document specifies all hazards arising from the design of tools for woodworking machines, and describes the methods for the elimination or reduction of these hazards by tool design and by the provision of information. This document deals with milling tools (bore mounted, shank mounted, integrated spindle) and circular saw blades, but does not cover any hazard related to the strength of shank of shank mounted milling tools. The hazards are listed in Clause 5. This document does not apply to boring bits, eccentric single router cutters, cutters with cutting circle less than 16 mm and to tools used in rotary knife lathes and copying lathes where the hazard of ejection and contact with the tool is always prevented by a system of fixed guards and/or movable guards interlocked with guard-locking and/or self-closing guards.

Keel en

Asendab EVS-EN 847-1:2005

### **ASENDATUD VÕI TÜHISTATUD STANDARDID**

#### **EVS-EN 847-1:2005**

Identne EN 847-1:2005

#### **Tools for woodworking - Safety requirements - Part 1: Milling tools, circular saw blades**

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Keel en

Asendab EVS-EN 847-1:1999

Asendatud EVS-EN 847-1:2005+A1:2007

#### **EVS-ENV 635-4:1999**

Identne ENV 635-4:1996

#### **Vineer. Liigitus pinna kvaliteedi järgi. Osa 4: Viimistlemisvõimalusi iseloomustavad parameetrid. Juhised**

See standard annab lõppkasutajale juhiseid vineeri valikuks ja viimistluseks kuivades, niisketes või välistingimustes kasutamisel.

Keel et

Asendatud CEN/TS 635-4:2007

## **KAVANDITE ARVAMUSKÜSITLUS**

### **EN 14081-4:2006+A2:2007/prA3**

Identne EN 14081-4:2005+A2:2007/prA3:2007  
Tähtaeg 30.12.2007

#### **Timber structures - Strength graded structural timber with rectangular cross section - Part 4: Machine Grading -Grading machine settings for machine controlled systems**

This European Standard gives settings, derived according to the requirements given in EN 14081-2, for various combinations of strength classes or grades, grading machines and species from particular sources of growth. These settings are only applicable to timber from the sources indicated in the tables.

Keel en

### **EN 14342:2005/prA1**

Identne EN 14342:2005/prA1:2007  
Tähtaeg 30.12.2007

#### **Puitpõrandad. Omadused, vastavushindamine ja märgistus**

This document defines and specifies for wood and parquet flooring the relevant characteristics and the appropriate test methods to determine these characteristics for internal use as flooring. It also applies to wood veneer floor coverings.

Keel en

## **81 KLAASI- JA KERAAMIKA-TÖÖSTUS**

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **prEN ISO 20182**

Identne prEN ISO 20182:2007  
ja identne ISO/FDIS 20182:2007  
Tähtaeg 30.12.2007

#### **Refractory test piece preparation - Gunning refractory panels by the pneumatic-nozzle mixing type guns**

This International Standard describes the procedure for the preparation of test panels from refractory materials by gunning through pneumatic-nozzle mixing type guns at ambient temperatures.

Keel en

## **83 KUMMI- JA PLASTITÖÖSTUS**

### **UUED STANDARDID**

#### **CEN/TR 15353:2007**

Hind 113,00  
Identne CEN/TR 15353:2007

#### **Plastics - Recycled plastics - Guidelines for the development of standards for recycled plastics**

This Technical Report provides a format for the drafting of standards for recycled plastics. It is intended for use by all those who are preparing drafts for consideration by the Technical Committee. The guide provides information for the development of standards (guides, practices, test methods, and specifications) relating to the proper use of recycled plastics.

Keel en

#### **EVS-EN 1308:2007**

Hind 84,00  
Identne EN 1308:2007

#### **Plaadiliimid. Libisemise määramine**

See Euroopa standard määrab kindlaks teimimeetodi, mille abil määratakse, kuidas kahliliim peab vastu kahli libisemisele püstseinal. Seda standardit saab rakendada kõigi kahliliimide korral kahlite paigaldamiseks seintele sise- ja välitingimustes. See Euroopa standard ei sisalda käituse nõudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks.

Keel en

Asendab EVS-EN 1308:2000

#### **EVS-EN 1323:2007**

Hind 84,00  
Identne EN 1323:2007

#### **Plaadiliimid. Betoonlamik teimimiseks**

See Euroopa standard määrab kindlaks substraadi (betoonlamik), mida kasutatakse plaadiliimide omaduste määramiseks. See Euroopa standard ei sisalda käituse nõudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks. MÄRKUS: Kahliliime võib kasutada ka teist tüüpi plaatide korral (loodus- ja aglomeraatkivid jne).

Keel en

Asendab EVS-EN 1323:2000

#### **EVS-EN 1324:2007**

Hind 104,00  
Identne EN 1324:2007

#### **Plaadiliimid. Dispersioonliimide nihkenakketugevuse määramine**

See Euroopa standard määrab kindlaks teimimeetodi, mida kasutatakse dispersioon-kahliliimide nihkenakketugevuse määramiseks. Seda standardit saab rakendada kõigi dispersioon-kahliliimide korral kahlite paigaldamiseks seintele ja põrandatele sisetingsimustes. See Euroopa standard ei sisalda käituse nõudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks.

Keel en

Asendab EVS-EN 1324:2000

#### **EVS-EN 1346:2007**

Hind 73,00  
Identne EN 1346:2007

#### **Plaadiliimid. Kasutusaja määramine**

See Euroopa standard kirjeldab teimimeetodit, mida kasutatakse kahliliimide kasutusaja määramiseks. Seda standardit saab rakendada kõigi tsementeerivate kahliliimide ja -mörtide korral kahlite paigaldamiseks seintele ja põrandatele sise- ja välitingimustes. See Euroopa standard ei sisalda käituse nõudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks. MÄRKUS: Kahliliime võib kasutada ka teist tüüpi plaatide korral (loodus- ja aglomeraatkivid jne).

Keel en

Asendab EVS-EN 1346:2000

**EVS-EN 1347:2007**

Hind 73,00

Identne EN 1347:2007

**Plaadiliimid. Märgamisvõime määramine**

See Euroopa standard kirjeldab teimimeetodit, mida kasutatakse kahliliimide märgamisvõime määramiseks. Seda standardit saab rakendada kõigi kahliliimide korral kahlite paigaldamiseks seintele ja põrandatele sise- ja välistingimustes. See Euroopa standard ei sisalda käituse nõudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks. MÄRKUS: Kahliliime võib kasutada ka teist tüüpi plaatide korral (loodus- ja aglomeraatkivid jne).

Keel en

Asendab EVS-EN 1347:2000

**EVS-EN 1348:2007**

Hind 84,00

Identne EN 1348:2007

**Plaadiliimid. Tsementeerivate liimide tõmbe-nakketugevuse määramine**

See Euroopa standard määrab kindlaks teimimeetodi tsementeerivate kahliliimide tõmbe-nakketugevuse määramiseks. Seda standardit saab rakendada kõigi tsementeerivate kahliliimide ja erikomponentidega tsementeerivate kahliliimide korral kahlite paigaldamiseks seintele ja põrandatele sise- ja välistingimustes. See Euroopa standard ei sisalda käituse nõudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks.

Keel en

Asendab EVS-EN 1348:2000

**EVS-EN 14256:2007**

Hind 95,00

Identne EN 14256:2007

**Adhesives for non-structural wood applications - Test method and requirements for resistance to static load**

This European Standard specifies a method for determining the ability of a test piece bonded with a thermoplastic adhesive, to support a given load for a specified time without fracture or excessive distortion, and specifies performance requirements for mean survival time. It should be used in conjunction with EN 204 and EN 205, which describe durability classes and corresponding test methods for non-structural wood adhesives based on their ability to withstand various water treatments and relatively rapidly applied loads. The test described in this standard may be used to assess joints made with thin glue line, as defined in EN 205.

Keel en

**EVS-EN 15190:2007**

Hind 141,00

Identne EN 15190:2007

**Structural adhesives - Test methods for assessing long term durability of bonded metallic structures**

This standard specifies test procedures for determining the long-term durability of an adhesive system subjected to environmental and fatigue loads. The procedures are based upon measurement of the crack growth rate and the resistance to crack propagation through the adhesive layer in double cantilever beam type specimens under an applied mode I opening cycling loading.

Keel en

**EVS-EN ISO 1265:2007**

Hind 113,00

Identne EN ISO 1265:2007

ja identne ISO 1265:2007

**Plastid. Polüvinüülkloriidvaigud. Kahjulike lisandite ja võõrkehade hulga määramine**

Käesolev standard määrab kindlaks meetodi polüvinüülkloriidvaigu siledakstöödeldud pinnas kahjulike lisandite ja võõrkehade hulga määramiseks. Meetod ei ole rakendatav mastiksikujuliste vaikude kohta nende ühtlase struktuuri tõttu.

Keel en

Asendab EVS-EN ISO 1265:2000

**EVS-EN ISO 1872-2:2007**

Hind 123,00

Identne EN ISO 1872-2:2007

ja identne ISO 1872-2:2007

**Plastid. Polüetüleenist (PE) vormimis- ja ekstrusioonimaterjalid. Osa 2: Proovikehade ettevalmistamine ja omaduste määramine**

Standardi käesolev osa määrab kindlaks meetodi testitavate proovikehade ettevalmistamiseks ja testimismeetodid PE vormimis- ja ekstrusioonimaterjalide omaduste määramiseks.

Keel en

Asendab EVS-EN ISO 1872-2:2000; EVS-EN ISO 1872-2:2000/A1:2000

**EVS-EN ISO 14855-1:2007**

Hind 180,00

Identne EN ISO 14855-1:2007

ja identne ISO 14855-1:2005

**Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions - Method by analysis of evolved carbon dioxide - Part 1: General method**

This part of ISO 14855 specifies a method for the determination of the ultimate aerobic biodegradability of plastics, based on organic compounds, under controlled composting conditions by measurement of the amount of carbon dioxide evolved and the degree of disintegration of the plastic at the end of the test. This method is designed to simulate typical aerobic composting conditions for the organic fraction of solid mixed municipal waste. The test material is exposed to an inoculum which is derived from compost. The composting takes place in an environment wherein temperature, aeration and humidity are closely monitored and controlled. The test method is designed to yield the percentage conversion of the carbon in the test material to evolved carbon dioxide as well as the rate of conversion.

Keel en

Asendatud EVS-EN ISO 14855:2004

**ASENDATUD VÕI TÜHISTATUD STANDARDID****EVS-EN 1323:2000**

Identne EN 1323:1996 + A1:1998

**Plaadiliimid. Betoonlamik teimimiseks**

See Euroopa standard määrab kindlaks substraadi (betoonlamik), mida kasutatakse plaadiliimide omaduste määramiseks. See Euroopa standard ei sisalda käituse nõudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks. MÄRKUS: Kahliliime võib kasutada ka teist tüüpi plaatide korral (loodus- ja aglomeraatkivid jne).

Keel en

Asendatud EVS-EN 1323:2007

**EVS-EN 1324:2000**

Identne EN 1324:1996 + A1:1998

**Plaadiliimid. Dispersioonliimide nihke-nakketugevuse määramine**

See Euroopa standard määrab kindlaks teimimeetodi, mida kasutatakse dispersioon-kahliliimide nihke-nakketugevuse määramiseks. Seda standardit saab rakendada kõigi dispersioon-kahliliimide korral kahlite paigaldamiseks seintele ja põrandatele sisetingsimustes. See Euroopa standard ei sisalda käituse nõudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks.

Keel en

Asendatud EVS-EN 1324:2007

**EVS-EN 1346:2000**

Identne EN 1346:1996 + A1:1998

**Plaadiliimid. Kasutusaja määramine**

See Euroopa standard kirjeldab teimimeetodit, mida kasutatakse kahliliimide kasutusaja määramiseks. Seda standardit saab rakendada kõigi tsementeerivate kahliliimide ja -mörtide korral kahlite paigaldamiseks seintele ja põrandatele sise- ja välitingimustes. See Euroopa standard ei sisalda käituse nõudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks. MÄRKUS: Kahliliime võib kasutada ka teist tüüpi plaatide korral (loodus- ja aglomeraatkivid jne).

Keel en

Asendatud EVS-EN 1346:2007

**EVS-EN 1347:2000**

Identne EN 1347:1996 + A1:1998

**Plaadiliimid. Märgamisvõime määramine**

See Euroopa standard kirjeldab teimimeetodit, mida kasutatakse kahliliimide märgamisvõime määramiseks. Seda standardit saab rakendada kõigi kahliliimide korral kahlite paigaldamiseks seintele ja põrandatele sise- ja välitingimustes. See Euroopa standard ei sisalda käituse nõudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks. MÄRKUS: Kahliliime võib kasutada ka teist tüüpi plaatide korral (loodus- ja aglomeraatkivid jne).

Keel en

Asendatud EVS-EN 1347:2007

**EVS-EN 1348:2000**

Identne EN 1348:1997+A1:1998

**Plaadiliimid. Tsementeerivate liimide tõmbe-nakketugevuse määramine**

See Euroopa standard määrab kindlaks teimimeetodi tsementeerivate kahliliimide tõmbe-nakketugevuse määramiseks. Seda standardit saab rakendada kõigi tsementeerivate kahliliimide ja erikomponentidega tsementeerivate kahliliimide korral kahlite paigaldamiseks seintele ja põrandatele sise- ja välitingimustes. See Euroopa standard ei sisalda käituse nõudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks.

Keel en

Asendatud EVS-EN 1348:2007

**EVS-EN ISO 1265:2000**

Identne EN ISO 1265:1997

ja identne ISO 1265:1979

**Plastid. Polüvinüülkloriidvaigud. Kahjulike lisandite ja võõrkehade hulga määramine**

Käesolev standard määrab kindlaks meetodi polüvinüülkloriidvaigu siledakstöödeldud pinnas kahjulike lisandite ja võõrkehade hulga määramiseks. Meetod ei ole rakendatav mastiksikujuliste vaikude kohta nende ühtlase struktuuri tõttu.

Keel en

Asendatud EVS-EN ISO 1265:2007

**EVS-EN ISO 1872-2:2000**

Identne EN ISO 1872-2:1997

ja identne ISO 1872-2:1997

**Plastid. Polüetüleenist (PE) vormimis- ja ekstrusioonimaterjalid. Osa 2: Proovikehade ettevalmistamine ja omaduste määramine**

Standardi käesolev osa määrab kindlaks meetodi testitavate proovikehade ettevalmistamiseks ja testimismeetodid PE vormimis- ja ekstrusioonimaterjalide omaduste määramiseks.

Keel en

Asendatud EVS-EN ISO 1872-2:2007

**EVS-EN ISO 1872-2:2000/A1:2000**

Identne EN ISO 1872-2:1997/A1:2000

ja identne ISO 1872-2:1997/AM 1:2000

**Plastid. Polüpropüleenist (PP) vormimis- ja ekstrusioonimaterjalid. Osa 2: Proovikehade ettevalmistamine ja omaduste määramine. MUUDATUS 1**

Standardi käesolev osa määrab kindlaks proovikehade ettevalmistamise meetodid ja testimismeetodid, mida tuleb kasutada polüpropüleenist vormimis- ja ekstrusioonimaterjalide omaduste määramiseks.

Keel en

Asendatud EVS-EN ISO 1872-2:2007

**KAVANDITE ARVAMUSKÜSITLUS****EN 923:2005/prA1**

Identne EN 923:2005/prA1:2007

Tähtaeg 30.12.2007

**Adhesives - Terms and definitions**

This European Standard defines terms used in the adhesive industry and terms relating to adhesives in those industries that use adhesives.

Keel en

**prEN 438-8**

Identne prEN 438-8:2007

Tähtaeg 30.12.2007

**High-pressure decorative laminates (HPL) - Sheets based on thermosetting resins (Usually called Laminates) - Part 8: Classification and specifications for design laminates**

This part of EN 438 specifies performance requirements for high-pressure decorative laminates for interior use with a design effect surface having a phenolic based core and a decorative surface not covered by parts 3 to 6 of EN 438. Three surface material types: metal, wood veneer and pearlescent decor are defined in this part of EN 438. EN 438-2 specifies the methods of test relevant to this part of EN 438.

Keel en

#### **prEN 1013 rev**

Identne prEN 1013:2007

Tähtaeg 30.12.2007

#### **Light transmitting single skin profiled plastics sheets for internal and external roofs, walls and ceilings - Requirements and test methods**

This document 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 of the sheets.

Keel en

Asendab EVS-EN 1013-1:1999; EVS-EN 1013-3:1999; EVS-EN 1013-4:2000; EVS-EN 1013-5:2000; EVS-EN 1013-2:1999

#### **prEN ISO 62 rev**

Identne prEN ISO 62:2007

ja identne ISO/FDIS 62:2007

Tähtaeg 30.12.2007

#### **Plastics - Determination of water absorption**

This International Standard describes a procedure for determining the moisture absorption properties in the "through-the-thickness" direction of flat or curved-form solid plastics. This International Standard also describes procedures for determining the amount of water absorbed by plastic specimens of defined dimensions, when immersed in water or when subjected to humid air under controlled conditions. The "through-the-thickness" moisture diffusion coefficient can be determined for single-phase material by assuming Fickian diffusion behaviour with constant moisture absorption properties through the thickness of the test specimen. This model is valid for homogeneous materials and for reinforced polymer-matrix composites tested below their glass transition temperature. However, some two-phase matrices such as hardened epoxies may require a multi-phase absorption model which is not covered by this International Standard.

Keel en

Asendab EVS-EN ISO 62:2001

#### **prEN ISO 2439 rev**

Identne prEN ISO 2439:2007

ja identne ISO/DIS 2439:2007

Tähtaeg 30.12.2007

#### **Flexible cellular polymeric materials - Determination of hardness (indentation technique)**

This International Standard specifies four methods for determination of indentation hardness and one method for determination of compressive deflection coefficient and hysteresis loss rate of flexible cellular materials. See Annex A. These five methods are applicable only to latex, urethane foam and PVC foam of the open cell type.

Keel en

Asendab EVS-EN ISO 2439:2001

#### **prEN ISO 5771 rev**

Identne prEN ISO 5771:2007

ja identne ISO/DIS 5771:2007

Tähtaeg 30.12.2007

#### **Kummivoolikud ja voolikukomplektid veevaba ammoniaagi teisaldamiseks. Tehnilised andmed**

Käesolev standard määrab kindlaks miinimumnõuded kummivoolikule, mida kasutatakse ammoniaagi teisaldamiseks, vedelal või gaasilisel kujul, ümbritseva keskkonna temperatuuridel -40 °C ja +55 °C vahel.

Keel en

Asendab EVS-EN ISO 5771:2000

## **87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS**

### **UUED STANDARDID**

#### **EVS-EN ISO 11507:2007**

Hind 141,00

Identne EN ISO 11507:2007

ja identne ISO 11507:2007

#### **Paints and varnishes - Exposure of coatings to artificial weathering - Exposure to fluorescent UV lamps and water**

This International Standard specifies exposure conditions for paint coatings to artificial weathering in apparatus including fluorescent UV lamps and condensation or water spray. The effects of weathering are separately evaluated by comparative testing of chosen parameters.

Keel en

Asendab EVS-EN ISO 11507:2002

### **ASENDATUD VÕI TÜHISTATUD STANDARDID**

#### **EVS-EN ISO 11507:2002**

Identne EN ISO 11507:2001

ja identne ISO 11507:1997

#### **Paints and varnishes - Exposure of coatings to artificial weathering - Exposure to fluorescent UV and water**

This standard is one of a series of standards dealing with the sampling and testing of paints, varnishes and related products. It specifies a test method for determining the resistance of paint coatings to artificial weathering in apparatus including fluorescent UV lamps and condensation or water spray.

Keel en

Asendatud EVS-EN ISO 11507:2007

## KAVANDITE ARVAMUSKÜSITLUS

### **prEN ISO 1248**

Identne prEN ISO 1248:2007  
ja identne ISO 1248:2006  
Tähtaeg 30.12.2007

#### **Iron oxide pigments - Specifications and methods of test**

This International Standard specifies the requirements and the corresponding methods of test for all manufactured and natural iron oxide pigments, in dry form, suitable for general use. These pigments are identified by Colour Index Nos. 1) red 101 and 102, yellow 42 and 43, brown 6 and 7 and black 11, and includes "rapid-dispersion pigments". This International Standard does not cover micaceous iron oxide pigments (see Note 1), transparent iron oxide pigments, granular grey iron oxide (see Note 2) or magnetic iron oxide pigments other than those of Colour Index Pigment black 11.

Keel en

### **prEN ISO 9117 rev**

Identne prEN ISO 9117:2007  
ja identne ISO/DIS 9117:2007  
Tähtaeg 30.12.2007

#### **Värvid ja lakid. Täieliku kuivuse ja täieliku kuivamise aja määramine. Katsemeetod**

See standard on üks standardiseeritud, mis käsitleb värvide, lakkide ja nendega seotud toodete proovivõtmist ja katsetamist. Standard määrab kindlaks katsemeetodi, millega standardtingimustel määratakse kindlaks, kas värvi või sellega seotud materjali ühe- või mitmekihiline kelme on pärast kindlaksmääratud kuivamisega saavutanud täieliku kuivuse (läbis-ei-läbinud-katse). Katsetamisel võib määrata aja, mille jooksul see seisund saavutatakse.

Keel en

Asendab EVS-EN 29117:2000

### **prEN ISO 10601**

Identne prEN ISO 10601:2007  
ja identne ISO 10601:2007  
Tähtaeg 30.12.2007

#### **Micaceous iron oxide pigments for paints - Specifications and test methods**

This International Standard specifies the requirements and corresponding test methods for manufactured and natural micaceous iron oxide (MIO) pigments, in dry form, used primarily in protective coatings for steelwork. In accordance with current practice, the general requirements for micaceous iron oxide pigments have been sub-divided to give

- those requirements that are essential (see Table 2) and
- those requirements that are conditional upon prior agreement between the interested parties (see Table 3). In certain instances, reference may be made to an agreed reference pigment.

Keel en

## **91 EHTUSMATERJALID JA EHTUS**

### UUED STANDARDID

#### **EVS-EN 1308:2007**

Hind 84,00  
Identne EN 1308:2007

##### **Plaadiliimid. Libisemise määramine**

See Euroopa standard määrab kindlaks teimimeetodi, mille abil määratakse, kuidas kahliliim peab vastu kahliliibisemisele püstseinal. Seda standardit saab rakendada kõigi kahliliimide korral kahlite paigaldamiseks seintele sise- ja välistingimustes. See Euroopa standard ei sisalda käituse nõudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks.

Keel en

Asendab EVS-EN 1308:2000

#### **EVS-EN 1323:2007**

Hind 84,00  
Identne EN 1323:2007

##### **Plaadiliimid. Betoonlamik teimimiseks**

See Euroopa standard määrab kindlaks substraadi (betoonlamik), mida kasutatakse plaadiliimide omaduste määramiseks. See Euroopa standard ei sisalda käituse nõudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks. MÄRKUS: Kahliliime võib kasutada ka teist tüüpi plaatide korral (loodus- ja aglomeraatkivid jne).

Keel en

Asendab EVS-EN 1323:2000

#### **EVS-EN 1324:2007**

Hind 104,00  
Identne EN 1324:2007

##### **Plaadiliimid. Dispersioonliimide nihkenakketugevuse määramine**

See Euroopa standard määrab kindlaks teimimeetodi, mida kasutatakse dispersioon-kahliliimide nihkenakketugevuse määramiseks. Seda standardit saab rakendada kõigi dispersioon-kahliliimide korral kahlite paigaldamiseks seintele ja põrandatele sisetingimustes. See Euroopa standard ei sisalda käituse nõudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks.

Keel en

Asendab EVS-EN 1324:2000

#### **EVS-EN 1346:2007**

Hind 73,00  
Identne EN 1346:2007

##### **Plaadiliimid. Kasutusaja määramine**

See Euroopa standard kirjeldab teimimeetodit, mida kasutatakse kahliliimide kasutusaja määramiseks. Seda standardit saab rakendada kõigi tsementeerivate kahliliimide ja -mörtide korral kahlite paigaldamiseks seintele ja põrandatele sise- ja välistingimustes. See Euroopa standard ei sisalda käituse nõudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks. MÄRKUS: Kahliliime võib kasutada ka teist tüüpi plaatide korral (loodus- ja aglomeraatkivid jne).

Keel en

Asendab EVS-EN 1346:2000

**EVS-EN 1347:2007**

Hind 73,00

Identne EN 1347:2007

**Plaadiliimid. Märgamisvõime määramine**

See Euroopa standard kirjeldab teimimeetodit, mida kasutatakse kahliliimide märgamisvõime määramiseks. Seda standardit saab rakendada kõigi kahliliimide korral kahlite paigaldamiseks seintele ja põrandatele sise- ja välistingimustes. See Euroopa standard ei sisalda käitlusnõudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks. MÄRKUS: Kahliliime võib kasutada ka teist tüüpi plaatide korral (loodus- ja aglomeraatkivid jne).

Keel en

Asendab EVS-EN 1347:2000

**EVS-EN 1348:2007**

Hind 84,00

Identne EN 1348:2007

**Plaadiliimid. Tsementeerivate liimide tõmbe-  
nakketugevuse määramine**

See Euroopa standard määrab kindlaks teimimeetodi tsementeerivate kahliliimide tõmbe-nakketugevuse määramiseks. Seda standardit saab rakendada kõigi tsementeerivate kahliliimide ja erikomponentidega tsementeerivate kahliliimide korral kahlite paigaldamiseks seintele ja põrandatele sise- ja välistingimustes. See Euroopa standard ei sisalda käitlusnõudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks.

Keel en

Asendab EVS-EN 1348:2000

**EVS-EN 1991-1-2:2007**

Hind 268,00

Identne EN 1991-1-2:2002+NA:2007

**Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-2: Üldkoormused. Tulekahjukoormus. SISALDAB RAHVUSLIKKU LISA**  
Standardi EVS-EN 1991 käesolevas osas 1-2 kirjeldatud meetodeid rakendatakse hoonete projekteerimisel, millele mõjuvad hoonest endast ja selle kasutusviisist tingitud tulekahjukoormused.

Keel et

**EVS-EN 1991-1-2/NA:2007**

Hind 62,00

Identne EN 1991-1-2:2002/NA:2006

**Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-2: Üldkoormused. Tulekahjukoormus. Eesti rahvuslik lisa NA**

Eesti standardi rahvuslik lisa, mis sisaldab Euroopa standardi EN 1991-1-2 rahvuslikult määratud parameetreid ja protseduure, mida tuleb kasutada Eestis ehitatavate hoonete ja rajatiste projekteerimisel.

Keel et

**EVS-EN 1991-1-4/NA:2007**

Hind 199,00

Identne EN 1991-1-4:2005/NA:2007

**Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-4: Tuulekoormus**

Eesti standardi rahvuslik lisa, mis sisaldab Euroopa standardi EN 1991-1-4 rahvuslikult määratud parameetreid ja protseduure, mida tuleb kasutada Eestis ehitatavate hoonete ja rajatiste projekteerimisel.

Keel et

**EVS-EN 1991-1-4:2007**

Hind 343,00

Identne EN 1991-1-4:2005+NA

**Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-4: Tuulekoormus. SISALDAB RAHVUSLIKKU LISA**

EN 1991-1-4 annab juhised loodusliku tuule mõju määramiseks hoonete ja rajatiste ehituskonstruksioonide projekteerimisel iga käsitletava koormatud piirkonna jaoks. Käsitlus hõlmab nii ehitist tervikuna kui ka ehitise osi nagu konstruksioonelemendid, välisvoodridetailid ja nende kinnitused, kaitsepiirded ja mürabarjäärid.

Keel et

Asendab EVS-EN 1991-1-4:2006

**EVS-EN 1993-1-2/NA:2007**

Hind 62,00

Identne EN 1993-1-2 :2005/NA:2007

**Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-2: Üldreeglid. Tulepüsivusarvutus. Eesti rahvuslik lisa NA**

Eesti standardi rahvuslik lisa, mis sisaldab Euroopa standardi EN 1993-1-2 rahvuslikult määratud parameetreid ja protseduure, mida tuleb kasutada Eestis ehitatavate hoonete ja rajatiste projekteerimisel.

Keel et

**EVS-EN 1993-1-2:2007**

Hind 286,00

Identne EN 1993-1-2 :2005 + AC:2005+NA:2007

**Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-2: Üldeeskirjad. Tulepüsivusarvutus. SISALDAB RAHVUSLIKKU LISA**

EN 1993-1-2 käsitleb teraskonstruksioonide arvutust erakorralises tulekahjuolukorras ja on ette nähtud kasutamiseks koos standarditega EN 1993-1-1 ja EN 1991-1-2. EN 1993 selgitab vaid erinevusi ja täiendusi tavalise temperatuuriarvutusega võrreldes.

Keel et

**EVS-EN 1995-1-1/NA:2007**

Hind 104,00

Identne EN 1995-1-1:2004/NA:2006

**Eurokoodeks 5: Puitkonstruksioonide projekteerimine. Osa 1-1: Üldist. Üldreeglid ja reeglid hoonete projekteerimiseks. Eesti rahvuslik lisa NA**

Eesti standardi rahvuslik lisa, mis sisaldab Euroopa standardi EN 1995-1-1 rahvuslikult määratud parameetreid ja protseduure, mida tuleb kasutada Eestis ehitatavate hoonete ja rajatiste projekteerimisel.

Keel et



**EVS-EN 1995-1-1:2007**

Hind 324,00

Identne EN 1995-1-1:2004 + AC:2006+NA:2007

**Eurokoodeks 5: Puitkonstruktsioonide projekteerimine. Osa 1-1: Üldist. Üldreeglid ja reeglid hoonete projekteerimiseks SISALDAB RAHVUSLIKKU LISA**

EN 1995 on rakendatav hoonete ja rajatiste puitkonstruktsioonide projekteerimisel (s.h monoliitpuidust, saetud, hõõveldatud või ümarpuidust, liimpuidust või spoonliimpuidust nagu LVL konstruktsioonid), samuti liimi või mehaaniliste sidemetega liidetud puidupõhistest plaatidest konstruktsioonide projekteerimisel. See on vastavuses nende ohutust ja kasutatavust tagavate põhimõtete ja nõuetega ning projekteerimise ja kontrolli alustega, mis on antud standardis EN 1990:2002.

Keel et

Asendab EVS-EN 1995-1-1:2005; EVS-EN 1995-1-1/NA:2007

**EVS-EN 13831:2007**

Hind 246,00

Identne EN 13831:2007

**Integreeritud membraaniga (diafragmaga) suletud paisupaagid veesüsteemides kasutamiseks**

This European Standard specifies requirements for the design, manufacture and testing of closed expansion vessels with built in diaphragm, which will hereinafter be called "vessels", and a) whose diaphragm serves to separate water on the one hand and air / nitrogen on the other hand in heating/cooling systems or fresh water systems; b) which are manufactured singly or in series; c) which may consist partly or entirely of (cold) deep-drawn parts; d) whose parts may be joined by welding, clenching or flanges; e) whose size is not limited; f) whose maximum allowable pressure is greater than 0,5 bar, yet not exceeding 30 bar; g) whose upper wall thickness is limited to 12 mm for austenitic steels and 15 mm for ferritic steels; h) whose minimum operating temperature is not below -10 °C, whose maximum operating temperature is not above 70 °C.

Keel en

**EVS-EN 14891:2007**

Hind 162,00

Identne EN 14891:2007

**Liquid applied water impermeable products for use beneath ceramic tiling bonded with adhesives - Requirements, test methods, evaluation of conformity, classification and designation**

This European Standard applies to all liquid-applied water impermeable products, based on polymer modified cementitious mortars, dispersions and reaction resin coatings, used beneath ceramic tiling, for internal and external tile installations on walls and floors. This European Standard gives the terminology concerning the products and specifies the test methods and the values of performance requirements for liquid applied water impermeable products associated with tile adhesives. This European Standard specifies the evaluation of conformity and the classification and designation of liquid applied water impermeable products beneath ceramic tiling. This European Standard does not contain recommendations for the design and installation of ceramic tiles and grouts in combination with water impermeable products.

Keel en

**EVS-EN 15243:2007**

Hind 343,00

Identne EN 15243:2007

**Hoonete ventilatsioon – Kliimaseadmetega hoonete sisetemperatuuri ja koormuse ning energia arvutamine**

The scope of this European Standard is - To define the procedure how the calculation methods to determine the temperatures, sensible-loads and energy demands for the rooms shall be used in the design process. - To describe the calculation methods to determine the latent room cooling and heating load, the-building heating, cooling, humidification and dehumidification loads and the system heating,-cooling, humidification and dehumidification loads. - To define the general approach for the calculation of the overall energy performance of buildings-with room conditioning systems - To describe one or more simplified calculation methods for the system energy requirements of-specific system types, based on the building energy demand result from prEN ISO 13790, and to-define their field of application.

Keel en

**EVS-EN 15255:2007**

Hind 208,00

Identne EN 15255:2007

**Thermal performance of buildings - Sensible room cooling load calculation - General criteria and validation procedures**

This European Standard sets out the level of input and output data, and prescribes the boundary conditions required for a calculation method of the sensible cooling load of a single room under constant or/and floating temperature taking into account the limit of the peak cooling load of the system. It includes a classification scheme of the calculation method and the criteria to be met by a calculation method in order to comply with this European Standard.

Keel en

**EVS-EN 15265:2007**

Hind 268,00

Identne EN 15265:2007

**Thermal performance of buildings - Calculation of energy use for space heating and cooling - General criteria and validation procedures**

This European Standard specifies a set of assumptions, requirements and validation tests for procedures used for the calculation of the annual energy needs for space heating and cooling of a room in a building where the calculations are done with a time step of one hour or less. This European Standard does not impose any specific numerical technique for the calculation of the room heating or cooling need and the internal temperatures of a room.

Keel en

**ASENDATUD VÕI TÜHISTATUD STANDARDID****EVS-EN 772-16:2004**

Identne EN 772-16:2000

**Müürikivide katsemeetodid. Osa 16: Mõõtmete määramine**

Standard spetsifitseerib müürikivide gabariitmõõtmete, väliskesta ja õõnte vaheseinte paksuse ning õõnte sügavuse määramise meetodi.

Keel et

Asendatud EVS-EN 772-16:2004/A1:2004; EVS-EN 772-16:2004/A2:2005

**EVS-EN 1308:2000**

Identne EN 1308:1996 + A1:1998

**Plaadiliimid. Libisemise määramine**

See Euroopa standard määrab kindlaks teimimeetodi, mille abil määratakse, kuidas kahliliim peab vastu kahlil libisemisele püstseinal. Seda standardit saab rakendada kõigi kahliliimide korral kahlite paigaldamiseks seintele sise- ja välistingimustes. See Euroopa standard ei sisalda käitسنؤudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks.

Keel en

Asendatud EVS-EN 1308:2007

**EVS-EN 1323:2000**

Identne EN 1323:1996 + A1:1998

**Plaadiliimid. Betoonlamik teimimiseks**

See Euroopa standard määrab kindlaks substraadi (betoonlamik), mida kasutatakse plaadiliimide omaduste määramiseks. See Euroopa standard ei sisalda käitسنؤudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks. MÄRKUS: Kahliliime võib kasutada ka teist tüüpi plaatide korral (loodus- ja aglomeraatkivid jne).

Keel en

Asendatud EVS-EN 1323:2007

**EVS-EN 1324:2000**

Identne EN 1324:1996 + A1:1998

**Plaadiliimid. Dispersioonliimide nihke-nakketugevuse määramine**

See Euroopa standard määrab kindlaks teimimeetodi, mida kasutatakse dispersioon-kahliliimide nihke-nakketugevuse määramiseks. Seda standardit saab rakendada kõigi dispersioon-kahliliimide korral kahlite paigaldamiseks seintele ja põrandatele sisetingsimustes. See Euroopa standard ei sisalda käitسنؤudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks.

Keel en

Asendatud EVS-EN 1324:2007

**EVS-EN 1346:2000**

Identne EN 1346:1996 + A1:1998

**Plaadiliimid. Kasutusaja määramine**

See Euroopa standard kirjeldab teimimeetodit, mida kasutatakse kahliliimide kasutusaja määramiseks. Seda standardit saab rakendada kõigi tsementeerivate kahliliimide ja -mörtide korral kahlite paigaldamiseks seintele ja põrandatele sise- ja välistingimustes. See Euroopa standard ei sisalda käitسنؤudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks. MÄRKUS: Kahliliime võib kasutada ka teist tüüpi plaatide korral (loodus- ja aglomeraatkivid jne).

Keel en

Asendatud EVS-EN 1346:2007

**EVS-EN 1347:2000**

Identne EN 1347:1996 + A1:1998

**Plaadiliimid. Märgamisvõime määramine**

See Euroopa standard kirjeldab teimimeetodit, mida kasutatakse kahliliimide märgamisvõime määramiseks. Seda standardit saab rakendada kõigi kahliliimide korral kahlite paigaldamiseks seintele ja põrandatele sise- ja välistingimustes. See Euroopa standard ei sisalda käitسنؤudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks. MÄRKUS: Kahliliime võib kasutada ka teist tüüpi plaatide korral (loodus- ja aglomeraatkivid jne).

Keel en

Asendatud EVS-EN 1347:2007

**EVS-EN 1348:2000**

Identne EN 1348:1997+A1:1998

**Plaadiliimid. Tsementeerivate liimide tõmbe-nakketugevuse määramine**

See Euroopa standard määrab kindlaks teimimeetodi tsementeerivate kahliliimide tõmbe-nakketugevuse määramiseks. Seda standardit saab rakendada kõigi tsementeerivate kahliliimide ja erikomponentidega tsementeerivate kahliliimide korral kahlite paigaldamiseks seintele ja põrandatele sise- ja välistingimustes. See Euroopa standard ei sisalda käitسنؤudeid ega soovitusi kahlite projekteerimiseks ja paigaldamiseks.

Keel en

Asendatud EVS-EN 1348:2007

**EVS-EN 1991-1-2:2006**

Identne EN 1991-1-2:2002

**Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-2: Üldkoormused.**

**Tulekahjukoormus. EI SISALDA RAHVUSLIKKU LISA**  
Standardi EVS-EN 1991 käesolevas osas 1-2 kirjeldatud meetodeid rakendatakse hoonete projekteerimisel, millele mõjuvad hoonest endast ja selle kasutusviisist tingitud tulekahjukoormused.

Keel et

Asendatud EVS-EN 1991-1-2:2007

**EVS-EN 1991-1-4:2006**

Identne EN 1991-1-4:2005

**Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-4: Tuulekoormus. EI SISALDA RAHVUSLIKKU LISA**

EN 1991-1-4 annab juhised loodusliku tuule mõju määramiseks hoonete ja rajatiste ehituskonstruksioonide projekteerimisel iga käsitletava koormatud piirkonna jaoks. Käsitlus hõlmab nii ehitist tervikuna kui ka ehitise osi nagu konstruksioonielemendid, välisvoodridetailid ja nende kinnitused, kaitsepiirded ja mürabarjäärid.

Keel et

Asendatud EVS-EN 1991-1-4:2007

**EVS-EN 1993-1-2:2006**

Identne EN 1993-1-2 :2005 + AC:2005

**Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-2: Üldeeskirjad. Tulepüsivusarvutus. SISALDAB RAHVUSLIKKU LISA**

EN 1993-1-2 käsitleb teraskonstruksioonide arvutust erakorralises tulekahjuolukorras ja on ette nähtud kasutamiseks koos standarditega EN 1993-1-1 ja EN 1991-1-2. EN 1993 selgitab vaid erinevusi ja täiendusi tavalise temperatuuriarvutusega võrreldes.

Keel et

Asendatud EVS-EN 1993-1-2:2007

### **EVS-EN 1995-1-1:2005**

Identne EN 1995-1-1:2004 + AC:2006

#### **Eurokoodeks 5: Puitkonstruktsioonide projekteerimine. Osa 1-1: Üldist. Üldreegliid ja reegliid hoonete projekteerimiseks. EI SISALDA RAHVUSLIKKU LISA**

EN 1995 on rakendatav hoonete ja rajatiste puitkonstruktsioonide projekteerimisel (s.h monoliitpuidust, saetud, hõõveldatud või ümarpuidust, liimpuidust või spoonliimpuidust nagu LVL konstruktsioonid), samuti liimi või mehaaniliste sidemetega liidetud puidupõhistest plaatidest konstruktsioonide projekteerimisel. See on vastavuses nende ohutust ja kasutatavust tagavate põhimõtete ja nõuetega ning projekteerimise ja kontrolli alustega, mis on antud standardis EN 1990:2002.

Keel et

Asendatud EVS-EN 1995-1-1:2007

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **EN 437:2006/prA1**

Identne EN 437:2003/prA1:2007

Tähtaeg 30.12.2007

#### **Katsetamisgaasid. Proovirõhud. Tarvitite kategooriad**

Standard kirjeldab katsetamisgaase, proovirõhkusid ja tarvitite kategooriaid vastavalt esimese, teise ja kolmanda perekonna gaaside kasutamisel. Standard annab võimaluse viideteks konkreetsete gaasitarvitite standardites, mis kuuluvad liikmesmaade seaduste ühtlustamiseks nõukogu direktiivis (90/396/EÜ) toodud gaasitarvitite määratluse alla.

Keel en

#### **prEN 1264-4 rev**

Identne prEN 1264-4:2007

Tähtaeg 30.12.2007

#### **Põrandaküte. Süsteemid ja komponendid. Osa 4: Paigaldamine**

This European Standard applies to heating and cooling systems embedded into the enclosure surfaces of the room to be heated or to be cooled. This European Standard specifies uniform requirements for the design and the construction of heating and cooling floor, ceiling and wall structures to ensure that the heating/cooling systems are suited to the particular application. This European Standard specifies only the particular requirements which are dependent on the heating or cooling surface. This European Standard is not applicable to the other elements which are part of the floor, ceiling and wall structures (heated or not heated).

Keel en

Asendab EVS-EN 1264-4:2001

#### **EN 1991-2**

Identne EN 1991-2:2003

Tähtaeg 29.11.2007

#### **Eurokoodeks 1: Ehituskonstruktsioonide koormused. Osa 2: Sildade liikluskoormused. SISALDAB RAHVUSLIKKU LISA**

EN 1991-2 sätestab autode, jalakäiate ja rongide liiklemisel tekkivad liikluskoormused (koormusmudelid ja esindusväärtused), mis arvestavad seal, kus asjakohane, ka dünaamikamõju ning tsentrifugaal-, pidurdus-, kiirenduskoormusi ja erakordse arvutusolukorra koormusi.

Keel et

Asendab EVS-EN 1991-2:2004

#### **EN 1991-2/NA**

Identne EN 1991-2:2003

Tähtaeg 29.11.2007

#### **Eurokoodeks 1: Ehituskonstruktsioonide koormused. Osa 2: Sildade liikluskoormused. RAHVUSLIKKU LISA**

Käesolev standard annab alternatiivsed protseduurid, väärtused ja soovitused klasside kohta koos viitega, kus nende vahel võib teha rahvusliku valiku. Standardis on ära näidatud kõik rahvuslikult määratud parameetrite väärtused, mida tuleb Eestis ehitatavate sildade projekteerimisel kasutada.

Keel et

#### **EN 1992-1-2/NA**

Tähtaeg 30.12.2007

#### **Eurokoodeks 2: Raudbetoonkonstruktsioonide projekteerimine. Osa 1-2: Üldeeskirjad. Tulepüsivusarvutus. RAHVUSLIKKU LISA**

Eurocode 2 applies to the design of buildings and civil engineering works in concrete. It complies with the principles and requirements for the safety and serviceability of structures, the basis of their design and verification that are given in EN 1990 Basis of structural design.

Keel et

#### **EN 1992-1-2**

Identne EN 1992-1-2:2004

Tähtaeg 30.12.2007

#### **Eurokoodeks 2: Raudbetoonkonstruktsioonide projekteerimine. Osa 1-2: Üldeeskirjad. Tulepüsivusarvutus. SISALDAB RAHVUSLIKKU LISA**

Eurocode 2 applies to the design of buildings and civil engineering works in concrete. It complies with the principles and requirements for the safety and serviceability of structures, the basis of their design and verification that are given in EN 1990 Basis of structural design.

Keel et

Asendab EVS-EN 1992-1-2:2005

#### **EN 1994-1-2**

Identne EN 1994-1-2:2005

Tähtaeg 30.12.2007

#### **Eurokoodeks 4 - Terasest ja betoonist komposiitkonstruktsioonide projekteerimine. Osa 1-2: Üldreegliid. Tulepüsivusarvutus. SISALDAB RAHVUSLIKKU LISA**

Käesolev standardi EN 1994 osa 1-2 käsitleb betoonist ja terasest komposiitkonstruktsioonide projekteerimist tulekahjust tingitud erakordses koormusolukorras ja see on mõeldud kasutamiseks koos standarditega EN 1994-1-1 ja EN 1991-1-2. Käesolevas osas 1-2 vaadeldakse vaid normaaltemperatuuriarvutusest erinevaid või seda täiendavaid asjaolusid.

Keel et

Asendab EVS-EN 1994-1-2:2005

**EN 1994-1-2/NA**

Tähtaeg 30.12.2007

**Eurokoodeks 4 - Terasest ja betoonist komposiitkonstruktsioonide projekteerimine. Osa 1-2: Üldreeglid.Tulepüsivusarvutus. RAHVUSLIK LISA**

Käesolev standardi EN 1994 osa 1-2 käsitleb betoonist ja terasest komposiitkonstruktsioonide projekteerimist tulekahjust tingitud erakordses koormusolukorras ja see on mõeldud kasutamiseks koos standarditega EN 1994-1-1 ja EN 1991-1-2. Käesolevas osas 1-2 vaadeldakse vaid normaaltemperatuurirvutusest erinevaid või seda täiendavaid asjaolusid. See standard annab tulepüsivusklasside määramiseks vajalikud alternatiivsed protseduurid ja soovitusel klasside kohta koos viitega, kus nende vahel võib teha rahvusliku valiku.

Keel et

**EN 1997-2**

Identne EN 1997-2:2007

Tähtaeg 30.12.2007

**Eurokoodeks 7: Geotehniline projekteerimine. Osa 2: Pinnaseuuringud ja katsetamine SISALDAB RAHVUSLIKKU LISA**

EVS-EN 1997-2 on kavandatud kasutamiseks koos standardiga EVS-EN 1997-1 ja annab täiendavad juhised, mis puudutavad pinnaseuuringute planeerimist ja aruannete koostamist, paljude tavaliselt kasutatavate laboriteimide ja välikatsete üldisi nõudeid, katsetulemuste tõlgendamist ja hindamist, geotehniliste parameetrite ja tegurite väärtuste tuletamist. Lisaks on esitatud näited välikatsete tulemuste kasutamisest projekteerimisel.

Keel et

Asendab EVS-EN 1997-2:2007

**EN 14488-4:2005/prA1**

Identne EN 14488-4:2005/prA1:2007

Tähtaeg 30.12.2007

**Testing sprayed concrete - Part 4: Bond strength of cores by direct tension**

This European Standard describes a means of determining the tensile bond between sprayed concrete and substrate of concrete or rock tested in a laboratory as a direct tension test. Bond strength is defined as the capacity to transfer tension between two layers.

Keel en

**prCEN/TR 15615**

Identne prCEN/TR 15615:2007

Tähtaeg 30.12.2007

**Explanation of the general relationship between various European Standards and the Energy Performance of Buildings Directive (EPBD) - Umbrella document**

The calculation methodology follows the framework set out in the Annex to the EPBD. The various standards used in this process are listed in Annex A. Many of the standards deal with specific aspects of the calculation (e.g. fabric losses, air changes, energy use for lighting, system performance)

Keel en

**prEN 1264-2 rev**

Identne prEN 1264-2:2007

Tähtaeg 30.12.2007

**Põrandaküte. Süsteemid ja komponendid. Osa 2: Soojuvõimsuse määramine**

This European Standard applies to heating and cooling systems embedded into the enclosure surfaces of the room to be heated or to be cooled. Part 2 of this European Standard applies to hot water floor heating systems. Part 5 of this European Standard deals with the conversion of the thermal output of floor heating systems determined in Part 2 into the thermal output of heating surfaces embedded in walls and ceilings as well as into the thermal output of cooling surfaces embedded in floors, walls and ceilings. This standard specifies the boundary conditions and the prove methods for the determination of the thermal output of hot water floor heating systems as a function of the temperature difference between the heating medium and the room temperature.

Keel en

Asendab EVS-EN 1264-2:2001

**prEN 1264-3 rev**

Identne prEN 1264-3:2007

Tähtaeg 30.12.2007

**Põrandaküte. Süsteemid ja komponendid. Osa 3: Dimensioneerimine**

This European Standard applies to heating and cooling systems embedded into the enclosure surfaces of the room to be heated or to be cooled. For heating systems, physiological limitations are taken into account when specifying the surface temperatures. In the case of floor heating systems the limitations are realised by a design based on the characteristic curves and limit curves determined in accordance with part 2 of this European Standard. For cooling systems only a limitation with respect to the due point is taken into account. In predominating practice, this means that physiological limitations are included as well.

Keel en

Asendab EVS-EN 1264-3:2001

**prEN 1264-5**

Identne prEN 1264-5:2007

Tähtaeg 30.12.2007

**Water based surface embedded heating and cooling systems - Part 5: Heating and cooling surfaces embedded in floors, ceilings and walls - Determination of the thermal output**

This European Standard applies to water based heating and cooling systems embedded into the enclosure surfaces of the room to be heated or to be cooled. Part 5 of this standard deals with the recalculation of values determined in Part 2 of this European Standard for the system in question, using it for floor heating applications. The recalculation method described in this part of the standard enables the conversion of the calculation and test results of Part 2 into results for other surface orientations in the room, i. e. for ceiling and wall heating, as well as for the application as cooling surfaces, i. e. for floor, ceiling and wall cooling. It has to be emphasised that the test results of Part 2 of this European Standard are the basis of all calculation. Therefore the use of this prove method is necessary whether or not the system in question is used for heating or cooling application.

Keel en

**prEN 1366-5 rev**

Identne prEN 1366-5:2007

Tähtaeg 30.12.2007

**Fire resistance tests for service installations - Part 5: Service ducts and shafts**

This Part of EN1366 specifies a method for determining the fire resistance of horizontal service ducts and vertical service shafts, which pass through walls or floors and enclose pipes and cables. The test examines the behaviour of ducts and shafts exposed to fire from outside and from inside the duct. This standard is read in conjunction with EN 1363-1. This standard does not examine the risk of fire spread as a result of thermal conduction along the piping installed in service ducts or shafts, or thermal conduction through the media these pipes carry. It does not cover the risk of damage produced by thermal elongation or shortening as a result of fire, or damaged pipe suspensions. This standard does not give guidance on how to test one, two or three sided service ducts or shafts.

Keel en

Asendab EVS-EN 1366-5:2003

**prEN 12859 rev**

Identne prEN 12859:2007

Tähtaeg 30.12.2007

**Kipsplokid. Määratlused, nõuded ja katsemeetodid**

This European Standard specifies the characteristics and performance of gypsum blocks with smooth faces for which the main intended uses are construction of non-load bearing partitions or independent wall linings and the fire protection of columns, lift shafts, etc. The gypsum blocks are not used to build ceilings. It covers the following performance characteristics related to the essential requirements:

- reaction to fire;
  - resistance to fire;
  - direct airborne sound insulation;
  - release of dangerous substances;
- to be measured according to the corresponding European test methods, as well as:
- thermal resistance,
- to be calculated from the thermal conductivity values given in 4.3.2.

It describes the reference tests for technical specifications.

Keel en

Asendab EVS-EN 12859:2002

**prEN 13161 rev**

Identne prEN 13161:2007

Tähtaeg 30.12.2007

**Natural stone test methods - Determination of flexural strength under constant moment**

This European Standard specifies a method to determine the flexural strength of natural stones under constant moment. This European Standard contains provision for both an identification test and for a technological test.

Keel en

Asendab EVS-EN 13161:2002

**prEN 13172 rev**

Identne prEN 13172:2007

Tähtaeg 30.12.2007

**Thermal insulating products - Evaluation of conformity**

This European Standard specifies the procedures and the criteria for the evaluation of the conformity of a thermal insulating products with the relevant European product specification.

Keel en

Asendab EVS-EN 13172:2002

**prEN 13203-3**

Identne prEN 13203-3:2007

Tähtaeg 30.12.2007

**Solar supported gas-fired domestic appliances producing hot water - Appliances not exceeding 70 kW heat input and 500 liters water storage capacity - Part 3: Assessment of energy consumption**

This European Standard is applicable to solar supported gas-fired appliances producing domestic hot water. It applies to a system marketed as single unit or a system fully specified by a manufacturer that has:

- a heat input not exceeding 70 kW, and
- a hot water storage capacity not exceeding 500 liters, and

- is equipped with at least one solar collector, and
- which is, with regard to the solar hydraulic circuit, considered as a forced circulation system (definition according to EN ISO 9488).

Keel en

**prEN 13588 rev**

Identne prEN 13588:2007

Tähtaeg 30.12.2007

**Bitumen and bituminous binders - Determination of cohesion of bituminous binders with pendulum test**

This European Standard specifies a method for measuring the cohesion of bituminous binders at temperatures in the range of (-10°C, ) to 80 °C and for expressing the relationship between cohesion and temperature. This method is applicable for pure bitumen, modified bitumen and fluxed bitumen; in the case of fluxed bitumen, the test can be performed on the binder containing fluxant or on binder from which the solvent has been removed. For bitumen emulsions, the test is carried out on the residual binder obtained after recovery and the method used to recover the binder should be reported.

Keel en

Asendab EVS-EN 13588:2004

**prEN 13589 rev**

Identne prEN 13589:2007

Tähtaeg 30.12.2007

**Bitumen and bituminous binders - Determination of the tensile properties of modified bitumen by the force ductility method**

This European Standard specifies a method for determining the tensile properties of a bituminous binder, in particular those of polymer-modified bitumens by means of a force ductility test. The work done during the force ductility test is a criterion for assessing the quality of these materials.

Keel en

Asendab EVS-EN 13589:2004

**prEN 13670 rev**

Identne prEN 13670:2007

Tähtaeg 30.12.2007

**Betoonkonstruktsioonide ehitamine. Osa 1: Üldsätted**

(1) This European Standard gives common requirements for execution of concrete structures.

(2) This standard expects the execution specification to state all the specific requirements relevant to the particular structure.

(3) This standard is applicable to temporary as well as permanent concrete structures.

(4) Additional or different requirements should be considered and, if required, given in the execution specification when using:

- lightweight aggregate concrete;
- other materials (e.g. fibres) or constituent materials;
- special technologies/innovative designs.

(5) This standard does not apply to concrete members used only as equipment or construction aids for the execution.

(6) This standard does not cover the specification, production and conformity of concrete.

(7) This standard is not applicable to the production of precast concrete elements made in accordance with product standards.

(8) This standard does not cover the requirements for concrete members in special geotechnical works such as pile foundations, ground anchors, slurry walls, etc.

(9) This standard does not cover safety and health aspects of execution, or third party safety requirements.

(10) This standard does not cover contractual issues or responsibilities for the identified actions.

Keel en

Asendab EVS-ENV 13670-1:2003

**prEN 13755 rev**

Identne prEN 13755:2007

Tähtaeg 30.12.2007

**Natural stone test methods - Determination of water absorption at atmospheric pressure**

This European Standard specifies a method for determining the water absorption of natural stone – see EN 12670 for terminology and EN 12440 for denomination - by immersion in water at atmospheric pressure.

Keel en

Asendab EVS-EN 13755:2002

**prEN 14066 rev**

Identne prEN 14066:2007

Tähtaeg 30.12.2007

**Natural stone test methods - Determination of resistance to ageing by thermal shock**

This European Standard specifies a method to assess possible modifications of natural stones under the effect of sudden changes in temperature (thermal shock)

Keel en

Asendab EVS-EN 14066:2003

**prEN 14617-2 rev**

Identne prEN 14617-2:2007

Tähtaeg 30.12.2007

**Agglomerated stone - Test methods - Part 2: Determination of flexural strength (bending)**

This European standard specifies a method for determination of flexural strength under a concentrated load (bending resistance) of agglomerated stone flat products.

Keel en

Asendab EVS-EN 14617-2:2004

**prEN 15116**

Identne prEN 15116:2007

Tähtaeg 30.12.2007

**Hoonete ventilatsioon – Jahutustalad – Aktiivjahutustalade katsetamine ja hindamine**

This European Standard specifies methods for measuring the cooling capacity of chilled beams with forced air flow. The evaluation of aerodynamic air performance should be based on the requirements of WI 00156113 and the requirements set out in this standard. The purpose of the standard is to give comparable and repeatable product data. The test method applies to all types of convector cooling systems with forced air supply using any medium as energy transport medium. This standard only applies to situations where induced air only passes through the heat exchanger (primary air does not pass through the heat exchanger).

Keel en

**prEN 15285**

Identne prEN 15285:2007

Tähtaeg 30.12.2007

**Agglomerated stone - Modular tiles for flooring (internal and external)**

This European Standard specifies requirements and appropriate test methods for modular tiles of agglomerated stone which are made for use as flooring and stairs for internal and external uses, fixed by mortar or adhesives. It also provides for the evaluation of conformity and marking of the products to the requirements of this European Standard. This European Standard is not applicable to terrazzo tiles covered by EN 13748-1 and EN 13748-2 (see Bibliography).

Keel en

**prEN 15719**

Identne prEN 15719:2007

Tähtaeg 30.12.2007

**Sanitary appliances - Baths made from impact modified coextruded ABS/acrylic sheets - Requirements and test methods**

This European standard specifies requirements for baths for domestic purposes made from impact modified coextruded ABS/acrylic sheets conforming with EN 13559, with the aim of ensuring that the product, when installed in accordance with the manufacturer's instructions, will provide satisfactory performance in use. This standard is applicable to all sizes and shapes of baths.

Keel en

**prEN 15720**

Identne prEN 15720:2007

Tähtaeg 30.12.2007

**Sanitary appliances - Shower trays made from impact modified coextruded ABS/acrylic sheets - Requirements and test methods**

This European standard specifies the requirements for shower trays for domestic purposes made from impact modified coextruded ABS/acrylic sheets complying with EN 13559 with the aim of ensuring that the product, when installed in accordance with the manufacturer's instructions, will provide satisfactory performance in use. This standard is applicable to all sizes and shapes of shower trays.

Keel en

**prEN 15726**

Identne prEN 15726:2007

Tähtaeg 30.12.2007

**Ventilation for buildings - Air Diffusion - Measurements in the occupied zone of airconditioned/ventilated rooms to evaluate thermal and acoustic conditions**

This European Standard is applicable to measure some parameters of thermal and acoustic comfort (i.e. temperatures, air velocities...) in a room with an air diffusion system. This European Standard can be used on site or in a lab for full-scale measurements. This European Standard applies to ventilation or air conditioning systems designed to maintain the comfort conditions in buildings. It is not applicable in the case of systems for the control of industrial or other special process environments.

Keel en

**prEN 15727**

Identne prEN 15727:2007

Tähtaeg 30.12.2007

**Ventilation for buildings - Ductwork - Technical ductwork products, leakage classification and testing**

This standard applies to technical ductwork products, intended for installation in ductwork conforming to EN 1505, EN 1506, EN 13180 and EN 13403, used in air conditioning and ventilation systems defined in the scope of CEN/TC 156. This standard specifies the leakage requirements for technical ductwork products, i.e. components in the ductwork that has more functions than conveying air. Dampers according to EN 1751 are not included in this standard. This standard is a parallel standard to EN 12237, EN 1507, EN 13180 and EN 1751, based on the same leakage classification.

Keel en

**prEN 15732**

Identne prEN 15732:2007

Tähtaeg 30.12.2007

**Light weight fill and thermal insulation products for civil engineering applications (CEA) - Expanded clay lightweight aggregate products (LWA)**

This standard describes the product characteristics and includes procedures for testing, marking and labelling. This European Standard specifies the requirements for loose-fill expanded clay lightweight aggregate (expanded clay LWA) products for Civil Engineering Applications excluding the use as thermal insulation in and under buildings which are covered by European Standard EN 14063-1. The standard covers the use of expanded clay LWA as lightweight fill and insulation materials in embankments for roads, railways and other trafficked areas and as lightweight backfill for structures. This standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non-conflicting standards.

Keel en

**prEN 15736**

Identne prEN 15736:2007

Tähtaeg 30.12.2007

**Timber Structures - Test methods - Withdrawal capacity of punched metal plate fasteners**

This standard specifies a test method to determine the withdrawal behaviour of punched metal plate fasteners.

Keel en

**prEN 15737**

Identne prEN 15737:2007

Tähtaeg 30.12.2007

**Timber Structures - Test methods - Torsional strength and resistance to driving of screws**

This standard specifies a test method to determine the torsional strength and resistance to driving of screws in solid timber or glued laminated timber or other wood based materials.

Keel en

**prEN 61770**

Identne prEN 61770:2007

ja identne IEC 61770:200X

Tähtaeg 30.12.2007

**Veevõrguga ühendatud elektriseadmed. Tagasivoolu ja voolikute tõrke vältimine**

This International Standard specifies requirements for appliances for household and similar purposes to prevent the backsiphonage of non-potable water into the water mains. It also specifies requirements for hose - sets used for connecting such appliances to the water mains that supply water at a pressure not exceeding 1 MPa.

Keel en

Asendab EVS-EN 61770:2001; EVS-EN 61770:2001/A1:2004; EVS-EN 61770:2001/A2:2006

**prEN ISO 13786**

Identne prEN ISO 13786:2007

ja identne ISO/FDIS 13786:2007

Tähtaeg 30.12.2007

**Thermal performance of building components - Dynamic thermal characteristics - Calculation methods**

This International Standard specifies the characteristics related to the dynamic thermal behaviour of a complete building component and provides methods for their calculation. It also specifies the information on building materials required for the use of the building component. Since the characteristics depend on the way materials are combined to form building components, this International Standard is not applicable to building materials or to unfinished building components.

Keel en

Asendab EVS-EN ISO 13786:2000

**93 RAJATISED****KAVANDITE ARVAMUSKÜSITLUS****EN 1991-2**

Identne EN 1991-2:2003

Tähtaeg 29.11.2007

**Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 2: Sildade liikluskoormused. SISALDAB RAHVUSLIKKU LISA**

EN 1991-2 sätestab autode, jalakäiate ja rongide liiklemisel tekkivad liikluskoormused (koormusmudelid ja esindusväärtused), mis arvestavad seal, kus asjakohane, ka dünaamikamõju ning tsentrifugaal-, pidurdus-, kiirenduskoormusi ja erakordse arvutusolukorra koormusi.

Keel et

Asendab EVS-EN 1991-2:2004

**EN 1991-2/NA**

Identne EN 1991-2:2003

Tähtaeg 29.11.2007

**Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 2: Sildade liikluskoormused. RAHVUSLIK LISA**

Käesolev standard annab alternatiivsed protseduurid, väärtused ja soovitused klasside kohta koos viitega, kus nende vahel võib teha rahvusliku valiku. Standardis on ära näidatud kõik rahvuslikult määratud parameetrite väärtused, mida tuleb Eestis ehitatavate sildade projekteerimisel kasutada.

Keel et

**EN 1997-2**

Identne EN 1997-2:2007

Tähtaeg 30.12.2007

**Eurokoodeks 7: Geotehniline projekteerimine. Osa 2: Pinnaseuuritud ja katsetamine SISALDAB RAHVUSLIKKU LISA**

EVS-EN 1997-2 on kavandatud kasutamiseks koos standardiga EVS-EN 1997-1 ja annab täiendavad juhised, mis puudutavad pinnaseuuritud planeerimist ja aruannete koostamist, paljude tavaliselt kasutatavate laboriteimide ja välikatsete üldisi nõudeid, katsetulemuste tõlgendamist ja hindamist, geotehniliste parameetrite ja tegurite väärtuste tuletamist. Lisaks on esitatud näited välikatsete tulemuste kasutamisest projekteerimisel.

Keel et

Asendab EVS-EN 1997-2:2007

**EN 13422:2004/prA1**

Identne EN 13422:2004/prA1:2007

Tähtaeg 30.12.2007

**Road vertical signs - Portable deformable warning devices and delineators - Cones and cylinders (including ITT and FPC) - Amendment 1**

This European Standard specifies requirements for new traffic cones and new traffic cylinders with retroreflective properties. This European Standard specifies minimum essential visual and physical performance characteristics; test methods for determination of product performance and the means by which this performance may be communicated to the user and the public including safety enforcement agencies.

Keel en

**prEN 1317-1 rev**

Identne prEN 1317-1:2007

Tähtaeg 30.12.2007

**Teepiiridesüsteemid. Osa 1: Terminoloogia ja katsemeetodite üldkriteeriumid**

Käesolev Euroopa standard esitab selle standardi muudes osades maantee sõidukite piiridesüsteemide ja jalakäijate piiridesüsteemide käsitlemisel kasutatavate põhimõistete määratlused. Samuti määrab standard kindlaks katsemeetodite üldnormid. Teatmelisad B ja C annavad teavet kokkupõrke tagajärjel tekkiva kineetilise energia ja sõiduki kiirenduse kohta.

Keel en

Asendab EVS-EN 1317-1:1999

**prEN 1317-2 rev**

Identne prEN 1317-2:2007

Tähtaeg 30.12.2007

**Teepiiridesüsteemid. Osa 2: Põrkpiirete ekspluatatsiooniomaduste klassid, pörkekatseläbimistingimused ja katsemeetodid**

Käesolev Euroopa standard määrab kindlaks pörkpiirete, kaasa arvatud sõiduki kaitseraua pörkeomadustele esitatavad nõuded. Standard määrab eri kaitseastmete ekspluatatsiooniomaduste klassid, pörketesti läbimistingimused ja testimismeetodid. Käesoleva standardi sätted kehtivad selliste süsteemide kohta, millel kaitsmine on ainus funktsioon. Need sätted kehtivad ka süsteemide kohta, millel kaitsefunktsioon on süsteemi lisafunktsioon (näiteks mürabarjäärid ja signalisatsiooniseadmed).

Keel en

Asendab EVS-EN 1317-2:1999

**prEN 1317-3 rev**

Identne prEN 1317-3:2007

Tähtaeg 30.12.2007

**Road restraint systems - Part 3: Performance classes, impact test acceptance criteria and test methods for crash cushions**

This European Standard gives requirements for the performance of crash cushions. It defines performance classes and acceptance criteria for impact tests.

Keel en

Asendab EVS-EN 1317-3:2000

**prEN 13588 rev**

Identne prEN 13588:2007

Tähtaeg 30.12.2007

**Bitumen and bituminous binders - Determination of cohesion of bituminous binders with pendulum test**

This European Standard specifies a method for measuring the cohesion of bituminous binders at temperatures in the range of (-10°C, ) to 80 °C and for expressing the relationship between cohesion and temperature. This method is applicable for pure bitumen, modified bitumen and fluxed bitumen; in the case of fluxed bitumen, the test can be performed on the binder containing fluxant or on binder from which the solvent has been removed. For bitumen emulsions, the test is carried out on the residual binder obtained after recovery and the method used to recover the binder should be reported.

Keel en

Asendab EVS-EN 13588:2004

**prEN 13848-3**

Identne prEN 13848-3:2007

Tähtaeg 30.12.2007

**Railway applications - Track - Track geometry quality - Part 3: Measuring systems - Track construction and maintenance machines**

This part of the European Standard specifies the minimum requirements that shall be met by measuring systems fitted on track construction and maintenance machines to give an evaluation of track geometry quality when using one or more of the parameters described in EN 13848-1. It sets out the acceptable differences from EN 13848-1 when using track construction and maintenance machines to measure track geometry. It applies to all track geometry measuring systems fitted to track construction and maintenance machines after the date of implementation of this standard.

Keel en



**prEN 15626**

Identne prEN 15626:2007

Tähtaeg 30.12.2007

**Bitumen and bituminous binders - Determination of adhesivity of cut-back and fluxed bituminous binders by water immersion test - Aggregate method**

This document specifies a method for the determination of the adhesivity of cut-back and fluxed bituminous binders coated onto aggregate when immersed in water.

Keel en

**97 OLME. MEELELAHUTUS. SPORT****UUED STANDARDID****EVS-EN 685:2007**

Hind 73,00

Identne EN 685:2007

**Elastsed, tekstiilsed ja laminaat põrandakatted. Liigitus**

This European Standard establishes a classification system for resilient, textile and laminate floor coverings. The classification is based on practical requirements for areas of use and intensity of use and is linked to the requirements specified in the European Standard for each type of floor covering.

Keel en

Asendab EVS-EN 685:2005

**EVS-EN 14829:2007**

Hind 286,00

Identne EN 14829:2007

**Suitsulõõrita autonoomne gaaskütteseade nimisoojatootlikkusega kuni 6 kW**

This document specifies, for the purpose of type examination, the requirements and test methods for construction, safety, marking and rational use of energy of 2nd and 3rd family gas-fired domestic flueless space heating appliances having a nominal input not exceeding 6 kW (based on net calorific value).

Keel en

**EVS-EN 15312:2007**

Hind 233,00

Identne EN 15312:2007

**Free access multi-sports equipment - Requirements, including safety, and test methods**

This European Standard is applicable to free access multi-sports equipment and combinations intended for permanent installation (not temporary), which includes, but not exclusively, equipment for sports such as badminton, basketball, football, handball, hockey, table tennis, tennis, volleyball. This European Standard specifies requirements, including safety, for the equipment itself as well as for its installation, inspection and maintenance. This European Standard is applicable to multi-sports equipment intended for individual and collective public use primarily by children and teenagers. This type of equipment is not intended for use by very young children, e.g. less than 36 months. This European Standard is not applicable to playground equipment as defined in EN 1176-1, free access facilities used for roller sports equipment (see prEN 14974), fitness trails, artificial climbing structures (see EN 12572). This European Standard does not deal with beach equipment, the ground surfaces the local environment and any feature outside the multi-sports equipment. This European Standard does not include any specific requirements other than for access and egress for disabled users.

Keel en

**ASENDATUD VÕI TÜHISTATUD STANDARDID****EVS-EN 685:2005**

Identne EN 685:2005

**Elastsed, tekstiilsed ja laminaat põrandakatted. Liigitus**

This European Standard establishes a classification system for resilient, textile and laminate floor coverings. The classification is based on practical requirements for areas of use and intensity of use and is linked to the requirements specified in the European Standard for each type of floor covering.

Keel en

Asendab EVS-EN 685:2000; EVS-EN 685:2000/A1:2003

Asendatud EVS-EN 685:2007

**EVS-EN 1077:1999**

Identne EN 1077:1996

**Mäesuusatajate kiivrid**

Käesolev Euroopa standard on kohaldatav mäesuusatajate, lapsed ja võistlustest osavõtjad kaasa arvatud, kiivrite miinimumtöökarakteristikute ja testide kohta.

Keel en

Asendatud EVS-EN 1077:2007

**KAVANDITE ARVAMUSKÜSITLUS****EN 71-1:2005/prA6**

Identne EN 71-1:2005/prA6:2007

Tähtaeg 30.12.2007

**Mänguasjade ohutus. Osa 1: Mehaanilised ja füüsilised omadused**

This European Standard specifies requirements and methods of tests for mechanical and physical properties of toys.

Keel en

**EN 71-1:2005/prA7**

Identne EN 71-1:2005/prA7:2007

Tähtaeg 30.12.2007

**Mänguasjade ohutus. Osa 1: Mehaanilised ja füüsikalised omadused**

This European Standard specifies requirements and methods of tests for mechanical and physical properties of toys.

Keel en

**EN 203-1:2005/prA1**

Identne EN 203-1:2005/prA1:2007

Tähtaeg 30.12.2007

**Gaaskuumutusega toitlustusettevõtteseadmed. Osa 1: Üldised ohutusnõuded**

This document specifies the general requirements and the constructional and operating characteristics relating to safety<sup>1</sup>), marking, and the associated test methods for gas heated commercial catering and bakery appliances.

Keel en

**EN 60335-2-27:2003/prA1**

Identne EN 60335-2-27:2003/prA1:2007

ja identne IEC 60335-2-27:2002/A1:2004

Tähtaeg 30.12.2007

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

Deals with the safety of appliances for skin exposure to ultraviolet or infrared radiation, intended for normal household as well as tanning salon and beauty parlour use. Appliance rated voltage being not more than 250 V single phase and 480 V for other a

Keel en

**prCEN/TS 15717**

Identne prCEN/TS 15717:2007

Tähtaeg 30.12.2007

**Parquet flooring - General guideline for installation**

This Technical Specification gives guidelines for installation of parquet flooring. Products which are defined in EN 13226, EN 13227, EN 13228, EN 13488, EN 13489, EN 13629, and EN 14761 are concerned. This Technical Specification applies for installations indoors, and does not apply to the installation of joists and sub floors. This Technical Specification does not cover installations in service class 3 (see 3.4).

Keel en

**prEN 203-3**

Identne prEN 203-3:2007

Tähtaeg 30.12.2007

**Gas heated catering equipment - Part 3: Materials and parts in contact with food and other sanitary aspects**

This amendment applies to all appliances covered by EN 203-1:2005 and related parts 2. It has been written in order to specify the requirements concerning the hygiene aspects of large kitchen appliances using gaseous fuels, so as to eliminate or minimise the risk of contagion, infection, illness or injury arising from the consumption of contaminated food.

Keel en

**prEN 60335-2-9**

Identne prEN 60335-2-9:2007

ja identne IEC 60335-2-9:200X

Tähtaeg 30.12.2007

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

This International Standard deals with the safety of electric portable appliances for household and similar purposes that have a cooking function such as baking, roasting and grilling, their rated voltage being not more than 250 V. NOTE 101 Examples of appliances that are within the scope of this standard are

- barbecues for indoor use;
- breadmakers ;
- contact grills (griddles);
- cookers;
- food dehydrators;
- hotplates;
- pop-corn makers;
- portable ovens;
- raclette grills;
- radiant grills;
- roasters;
- rotary grills;
- rotisseries;
- toasters;
- waffle irons;

Keel en

Asendab EVS-EN 60335-2-9:2003/A1:2004; EVS-EN 60335-2-9:2003/A2:2006; prEN 60335-2-9

**prEN 60335-2-54**

Identne prEN 60335-2-54:2007

ja identne IEC 60335-2-54:200X

Tähtaeg 30.12.2007

**Majapidamis- ja muud taolised elektriseadmed.****Ohutus. Osa 2-54: Erinõuded****pinnapuhasseadmetele, mis kasutavad vedelikke või auru**

This International Standard deals with the safety of electric cleaning appliances for household use that are intended for cleaning surfaces such as windows, walls and empty swimming pools by using liquid cleansing agents or steam, their rated voltage being not more than 250 V. It also covers wallpaper strippers. NOTE 101 Appliances may incorporate heating elements or means for pressurising the liquid container. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account

- persons (including children) whose
- physical, sensory or mental capabilities; or
- lack of experience and knowledge

prevents them from using the appliance safely without supervision or instruction;

- children playing with the appliance.

Keel en

Asendab EVS-EN 60335-2-54:2003; EVS-EN 60335-2-54:2003/A1:2004; EVS-EN 60335-2-54:2003/A2:2007; EVS-EN 60335-2-54:2003/A11:2006

**prEN 61770**

Identne prEN 61770:2007

ja identne IEC 61770:200X

Tähtaeg 30.12.2007

**Veevõrguga ühendatud elektriseadmed. Tagasivoolu ja voolikute tõrke vältimine**

This International Standard specifies requirements for appliances for household and similar purposes to prevent the backsiphonage of non-potable water into the water mains. It also specifies requirements for hose - sets used for connecting such appliances to the water mains that supply water at a pressure not exceeding 1 MPa.

Keel en

Asendab EVS-EN 61770:2001; EVS-EN

61770:2001/A1:2004; EVS-EN 61770:2001/A2:2006

## STANDARDITE TÖLKED KOMMENTEERIMISEL

Selles jaotises avaldame teavet eesti keelde tõlgitavate Euroopa või rahvusvaheliste standardite kohta. Alates veebruarikuust 2004 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. Standardite tõlgetega on võimalik tutvuda EVS standardiosakonnas ja klienditeeninduses [standard@evs.ee](mailto:standard@evs.ee).

### Tõlgete kommenteerimise ja ettepanekute esitamise perioodi lõpp on 01.12.2007

#### **prEVS-EN 13823**

##### **Ehitustoodete tulekindlikkuse katsed.**

##### **Ehitustoodete, v.a. põrandakatted, termiline mõjutamine üksiku põleva objekti poolt**

Standard määratleb katsemeetodi määramaks tulekindlikkust ehitustoodetele, välja arvatud põrandakattematerjalid, samuti materjalid, millelele on viidatud otsuses 2000/147/EÜ, kui termiline mõjutamine toimub üksiku põleva objekti poolt.

Identne: EN 13823:2002

#### **prEVS-EN 1436**

##### **Teemärgiste materjalid. Teemärgiste eksploatatsiooniomadused teede kasutajatele**

Standard määratleb teekasutajate jaoks valgete ja kollaste märgiste toimimise, mis väljendub nende peegeldumises päevavalguses ja teevalgustuses, tagasipeegeldumises sõiduki esitulede valguses, värvis ja libisemis-kindluses.

Identne: EN 1436:2007

#### **prEVS-EN 300 523 V4.11.1**

##### **Digitaalne mobiilsidesüsteem.**

##### **Numereerimine (numeratsioon), adresseerimine ja identifitseerimine (GSM).**

##### **Numereerimine (numeratsioon), adresseerimine ja identifitseerimine (GSM 03.03 versioon 4.11.1)**

Standard määratleb: a) GSM süsteemis mobiilabonentide identifitseerimisplaani; b) mobiiltelefonidele (-terminalidele) telefoni- ja ISDN numbrite määramise põhimõtted nende registreerimise riigis; c) mobiiltelefonide rändenumbrite määramise põhimõtted külalis mobiiltelefonidele (visiting mobile station); d) GSM süsteemis levialade ja baasjaamade identifitseerimisplaani; e) GSM süsteemis MSC-de ja asukoharegistrite

(location registers) identifitseerimisplaani; g) rahvusvaheliste mobiilseadmete tunnuskoodide määramise põhimõtted; f) regionaalsele abonendile tsoonide määramise põhimõtted.

Identne: EN 300 523 V4.11.1:2000

#### **prEVS-IEC 60038**

##### **IEC standardpinged**

Standard kehtib:

- vahelduvvoolu edastus-, jaotus- ja tarbijavõrkudele ning nendes võrkudes kasutamiseks mõeldud elektriseadmetele standardsagedustel 50 Hz ja 60 Hz nimipingega üle 100 V;
- vahelduv- ja alalisvoolu-elekterveovõrkudele;
- vahelduv- ja alalisvooluseadmetele nimi-vahelduvpingega alla 120 V või nimi-alalispingega alla 750 V, kusjuures vahelduvpinge on ette nähtud rakendamiseks eeskätt sagedustel 50 Hz ja 60 Hz.

Selliste seadmete hulka kuuluvad galvaanidelementide ja akumulaatorite patareid, muud vahelduv- või alalisvoolu toiteallikad, elektriseadmed (kaasa arvatud tööstus- ja sideseadmed) ja elektritarvitid. See standard ei kehti signaale või mõõteväärtusi esitavatele või neid edastavatele pingetele. See standard ei kehti elektriseadmete sees või elektriseadmestiku üksikelementides kasutatavate komponentide ja üksikosade standardpingetele. Käesolevat standardit rakendatakse harmoneerimisdokumendi HD 472 S1 nõuete kohaselt kolmefaasilistele kolmejuhilistele ning neljajuhilistele avalikele elektrivõrkudele nimivahelduvpingega 100 V kuni 1000 V ja neisse võrkudesse ühendatud seadmetele.

Identne: HD 472 S1:1989+A1:1995+AC:2002, IEC 60038:2002

## **prEVS-EN 62305-2**

### **Piksekaitse. Osa 2: Riskianalüüs**

Standardi IEC 62305 teise osa käsitluselaks on välgulöökidest poolt ehitistele ja tehnovõrkudele põhjustatud riski analüüs. Standardi eesmärgiks on esitada sellise riski hindamise protseduur. Niipea kui riski vastuvõetav ülempiir on valitud, võimaldab nimetatud protseduur valida rakendamiseks sobivad kaitsemeetmed, mis vähendavad riski kas vastuvõetava piirini või sellest allapoole.

Identne: EN 62305-2:2006 + AC:2006; IEC 62305-2:2006

## **EVS-EN 60947-6-2:2005/prA1**

### **Madalpingelised lülitusaparaadid. Osa 6-2: Mitmetoimelised aparaadid. Juhtimis- ja kaitseelülid**

Standardi EVS-EN 60947-6-2:2005 muudatus A1:2007. Standardit IEC 60947-6-2 kohaldatakse juhtimis- ja kaitseotstarbelistele lülitusaparaatidele, mille peakontaktid on ette nähtud ühendamiseks vooluahelatesse nimi-pingega mitte üle 1000 V vahelduvpingel või mitte üle 1500 V alalispingel. Nimetatud aparaadid on ette nähtud vooluahelate nii kaitseks kui ka juhtimiseks ja peavad toimima muul viisil kui käsitsi.

Identne: EN 60947-6-2:2003/A1:2007; IEC 60947-6-2:2002/A1:2007

## **prEVS-EN 60721-3-5**

### **Keskkonnatingimuste klassifikatsioon.**

#### **Osa 3: Keskkonnaparameetrite rühmade ja nende tõhususe klassifitseerimine. Jagu 5: Maasõidukite paigaldised (IEC 60721-3-5:1997)**

Standardis klassifitseeritakse keskkonnatingimused, mis mõjutavad maasõidukitele paigaldatud, ent sõiduki osade hulka mittekuuluvaid tooteid. Sellisteks toodeteks on näiteks raadiovastuvõtjad, sidesüsteemid, sõidumeerikud, sõiduki abil transporditavate vedelike mõõturid. Püsivalt või ajutiselt paigaldatud tooted võivad esineda muuhulgas järgmistest sõidukitest: maanteesõidukid: sõiduaudod, veoaudod, erivedukid, puksiirid, treilerid, mopeedid, mootorrattad jne; raudteeveerem: rongid, trammid, kraanad jne; põllutöömasinad: neljarattaveoga maastiku- audod, traktorid, lumesahad jne; laadimis- ja tõstemasinad: mootortõstukid (käsijuhitavad ja robotid), pagasiveokid jne; liikurmasinad: ekkavaatorid, kombainid jne.

Identne: EN 60721-3-5:1997; IEC 60721-3-5:1997

## **prEVS-ISO 10396**

### **Paiksete saasteallikate heited. Proovivõtt gaasikontsentratsioonide automaatseks määramiseks statsionaarsetes seiresüsteemides**

Standard määratleb töövõtted ja vahendid, mis võimaldavad teatud piirides saada esinduslikke proove gaasikontsentratsioonide automaatseks määramiseks gaasilistes heitvooludes. Metoodika sobib hapniku (O<sub>2</sub>), süsinikdioksiidi (CO<sub>2</sub>), süsinik-monooksiidi (CO), vääveldioksiidi (SO<sub>2</sub>), lämmastik-monooksiidi (NO) ja lämmastik-dioksiidi (NO<sub>2</sub>) või lämmastikoksiidide NO ja NO<sub>2</sub> üldkoguse määramiseks. On selge, et mõnede põlemisprotsesside ja olukordade puhul võib käesoleva standardi rakendatavus olla piiratud. Sellised olukorrad nõuavad ettevaatust ja tehnilist asjatundlikkust, eriti kui tegemist on millegagi järgmisest:

a) sööbivad või kõrge reaktsioonivõimega komponendid, nt ammoniaak, vesinik-kloriid ja väävelhape; b) kõrge vaakumi, rõhu või temperatuuri all olevad gaasivoolud; c) märjad suitsugaasid; d) protsessi juhimatutest muutustest tingitud voolukiiruse, temperatuuri või kontsentratsiooni kõikumised; e) gaaside kihistumine gaasivoolude mittesegunemise tõttu; f) keskkonnaseireseadmete abil tehtud mõõtmised; g) suhteliselt madalad gaasikontsentratsioonid.

Identne: ISO 10396:2007

## **prEVS-ISO 4805**

### **Laboratoorsed klaasnõud. Termoalkoholomeetrid ja alkoholi-termoareomeetrid**

Käesolev standard kirjeldab alkoholomeetrias üldkasutatavaid termomeetriga alkoholomeetreid (termoalkoholomeetreid) ja alkoholi-termoareomeetreid.

Standardis käsitletakse alkoholomeetreid ja areomeetreid kirjeldavad üksikasju kooskõlas standardiga ISO 387.

Märkus. Alkoholomeetrite skaala on justeeritud vesilahuse alkoholisisalduse otse näidule. Alkoholiareomeetrite skaala on gradueeritud tiheduse ühikutes (nt kg/m<sup>3</sup>) ning mõõtepiirkond on valitud vastavalt alkoholomeetria rakendustele.

Identne: ISO 4805:1982

### **prEVS-ISO 10790**

**Voolava keskkonna vooluhulga mõõtmine kaetud juhtmetes. Juhised Coriolisi arvestite valikuks, paigalduseks ja kasutamiseks (vooluhulga massi, tiheduse ja vooluhulga mahu mõõtmised)**

Rahvusvaheline standard annab suunised Coriolisi arvestite valikuks, paigalduseks, kalibreerimiseks, toimimiseks ning kasutamiseks voolavate keskkondade vooluhulga massi, tiheduse, vooluhulga mahu ning teiste seonduvate parameetrite määramisel. Standard annab ka asjakohaseid soovitusi mõõdetavate voolavate keskkondade kohta. Coriolisi arvestite esmane eesmärk on mõõta vooluhulga massi. Siiski on mõningatel arvestitel täiendavad võimalused voolavate keskkondade tiheduse ja temperatuuri määramiseks. Nende kolme parameetri mõõtmise kaudu võib määrata vooluhulga mahtu ning teisi sellega seotud suurusi. Rahvusvaheline standard on rakendatav peamiselt vedelike mõõtmisel. Standard annab ka teatud piirides suunised teiste voolavate keskkondade - tahkete ainete või gaaside ning vedelike segude mõõtmiseks, samuti annab standard suunised vedelike segude mõõtmiseks. Kuigi Coriolisi arvesteid võib kasutada gaasi mõõtmise jaoks, ei sisalda standard gaasi mõõtmise jaoks spetsiifilisi suuniseid.

Identne: ISO 10790:1999 + A1:2003

### **prEVS-ISO 4801**

**Termomeetrita klaasist alkohomeetrid ja alkoholiareomeetrid**

Rahvusvaheline standard esitab nõuded kolme erinevat tüüpi termomeetrita klaasist mõõtevahenditele, mis sobivad etanoolisisalduse täpseks määramiseks vesilahuses. tüüp 1–alkoholomeetrid, mis on gradueeritud etanooli mahuprotsentides temperatuuril 20 °C; tüüp 2–alkoholomeetrid, mis on gradueeritud etanooli massiprotsentides; tüüp 3–alkoholiareomeetrid, mis on gradueeritud tiheduse ühikutes (kg/m<sup>3</sup>) temperatuuril 20 °C. Mõõtevahendi tüüpidele 1 ja 2 määratletakse kaks täpsusklassi ning tüübile 3 üks täpsusklass. Termomeetriga alkoholomeetrid ja alkoholiareomeetrid käsitletakse standardis ISO 4805.

Identne: ISO 4801:1979

### **prEVS-EN ISO 11890-2**

**Värvid ja lakid. Lenduvate orgaaniliste ühendite (VOC) sisalduse määramine. Osa 2: Gaaskromatograafiline meetod**

Standardi ISO 11890 teine osa on esimene mitmest standardist värvide, lakkide ja nendega seotud toodete proovide võtmise ja uurimise kohta. Standard määratleb meetodi lenduvate orgaaniliste ühendite (VOC) sisalduse määramiseks värvides, lakkides ja nende lähtematerjalides. Käesolevat osa on soovitatav kasutada juhul, kui eeldatav VOC sisaldus on suurem kui 0,1 massiprotsenti ja väiksem kui 15 massiprotsenti. Kui VOC sisaldus on suurem kui 15 massiprotsenti, võib kasutada standardis ISO 11890-1 kirjeldatud lihtsamat meetodit. Meetod eeldab, et lenduv aine on kas vesi või orgaaniline aine. Materjalis võib aga leiduda ka muid lenduvaid anorgaanilisi ühendeid, vajadusel tuleb nende sisaldus määrata teise sobiva meetodi abil ja seda sisaldust arvutustes arvestada.

Identne: ISO 11890-2:2006, EN ISO 11890-2:2006

### **prEVS-EN ISO 2808**

**Värvid ja lakid. Kihi paksuse määramine**

Standard vaatleb ja kirjeldab mitut meetodit, mis sobivad aluspinnale kantud pinna- kattematerjalide kihipaksuse mõõtmiseks. Kirjeldatakse meetodeid värsket värvikihi, kuiva värvikihi ja kõvenemata pulbrikihi paksuse määramiseks.

Viidatakse konkreetsetele standarditele, kui need on olemas. Muul juhul kirjeldatakse meetodit põhjalikult. Kokkuvõtte meetoditest on esitatud lisas A, kus on loetletud eri meetodite rakendusala, olemasolevad standardid ja täpsus. Standard määratleb ka kihipaksuse määramist puudutavad terminid.

Identne: EN ISO 2808:2007; ISO 2808:2007

### **prEVS ISO/IEC 20000-1**

**Infotehnoloogia. Teenuste haldus. Osa 1: Spetsifikatsioon**

See osa ISO/IEC 20000 standardist määratleb teenusepakkujale esitatud nõuded kliendile vastuvõetava kvaliteediga hallatud teenuste tarnimiseks oma klientidele. Seda võivad kasutada: a) ettevõtted, mis koostavad pakkumiskutse teenuste sisseostmiseks; b) ettevõtted, mis vajavad ühilduvat lähenemisviisi kõigis tarneahelas asuvate teenusepakkujate poolt; c) teenusepakkujad, et võrdlevalt analüüsida oma IT teenuste haldust;

d) ettevõtteid iseseisvaks hindamiseks; e) organisatsioon, millel on vaja demonstreerida suutlikkust pakkuda kliendi nõuetele vastavaid teenuseid; ja f) organisatsioon, mille eesmärk on teenust edasi arendada läbi protsesside tulemusliku rakendamise, teenuse seire ja teenuste kvaliteedi juhtimise.

Identne: ISO/IEC 20000-1:2005

#### **prEVS ISO/IEC 20000-2**

**Infotehnoloogia. Teenuste haldus. Osa 2:  
Praktiline tegevusjuhend**

Standardi see osa käsitleb IT teenuste haldusprotsesside kvaliteedistandardite tööstuslikku konsensust. Käesolevad teenuste halduse protsessid tarnivad kliendi ärivajadustele vastava parima võimaliku teenuse, mis jääb kokkulepitud ressursside piiresse, nt teenuse, mis on professionaalne, kulutasuv ja milles saadakse riskidest aru ning neid hallatakse.

Identne: ISO/IEC 20000-2:2005

## **OKTOOBRIKUUS JÕUSTUNUD JA MÜÜGILE SAABUNUD EESTIKEELSE STANDARDID**

#### **EVS-EN 13126-1:2007**

**Akna- ja uksetarvikud. Akende ja uksakende tarvikud. Nõuded ja katsemeetodid. Osa 1: Ühised nõuded kõigile tarvikutüüpidele 180.-**

Eesti standard on Euroopa standardi EN 13126-1:2006 "Building hardware – Requirements and test methods for windows and door height windows – Part 1: Requirements common to all types of hardware" ingliskeelse teksti identne tõlge eesti keelde.

Standard spetsifitseerib tugevuse ja kestvuse toimivusnõuded liikuvate aknaraamide ja uksakende (rõduuste) käitlemisel kasutatavatele tarvikutele, hõlmates kõigile tarvikutele kehtivaid ühiseid nõudeid ja katsemeetodeid.

#### **EVS-EN 13108-20:2007**

**Asfaltsegud. Materjalide spetsifikatsioonid. Osa 20: Tüübikatsetus 190.-**

Eesti standard on Euroopa standardi EN 13108-20:2006 "Bituminous mixtures – Material specifications – Part 20: Type Testing" ingliskeelse teksti identne tõlge eesti keelde.

Standard määratleb tüübikatsetuse protseduurid teedel, lennuväljadel ja muudel liiklusaladel kasutatavate asfaltsegude tõendamisel.

#### **EVS-EN ISO 10318:2007**

**Geosünteedid. Terminid ja määratlused 294.-**

Eesti standard on Euroopa standardi EN ISO 10318:2005 "Geosynthetics – Terms and definitions" ingliskeelse teksti identne tõlge eesti keelde.

Standard määratleb geosünteedide funktsioonidesse, toodetesse ja omadustesse puutuvaid termineid ning sümboleid. Terminite, mida käesolev standard ei sisalda, määratlusi võib leida asjakohaseid katsemeetodeid kirjeldavatest standarditest.

Märkus. Lisaks inglise- ja prantsusekeelsetele (kaks ISO kolmest ametlikust keelest) terminitele annab standard samaväärsed terminid saksa keeles; need on avaldatud Saksamaa liikmesasutuse (DIN) vastutusel. Siiski võib ainult ametlikes keeltes antud termineid ja määratlusi lugeda ISO terminiteks ja määratlusteks.

#### **EVS-EN 14600:2007**

**Uksed ja avatavad aknad, millele esitatakse tulepüsivus- ja/või suitsutõkestusnõudeid. Nõuded ja liigitus 180.-**

Eesti standard on Euroopa standardi EN 14600:2005 "Doorsets and openable windows with fire resisting and/or smoke control characteristics – Requirements and classification" ingliskeelse teksti identne tõlge eesti keelde.

Standard spetsifitseerib käigu- ja tööstususte ning akende tule-püsivuse, suitsutõkestuse ja sulgumisvõime tõendamiseks vajalikud erilised nõuded ja liigituse. Nende toodete toimivusomadustele esitatavad nõuded võib leida vastavatest tootestandarditest. Dokument ei hõlma mehaaniliste soojusandurite koostisosade (nt sulavkaitset sisaldavate elementide) usaldusväärstust või kestvuse katsetamist. Standard sisaldab alternatiivsete tarvikute kasutamisel esitatavaid nõudeid.

Märkus 1. Katsetamisel kasutatud algupäras-(t)est kastekeha(de)st erinevate uste ja akende tulepüsivus ning uste suitsutõkestus peab jääma tulepüsivuse puhul standardi EN 1634-1 ja suitsutõkestuse puhul standardi EN 1634-3 kohaselt saadud katsetulemuste otsese ja laiendatud rakendusala piiridesse.

Märkus 2. Standard ei hõlma tulekahju korral automaatselt avanevaid suitsueemaldusaknaid.

#### **EVS-EN 1995-1-1:2007**

(sisaldab rahvuslikku lisa)

#### **Eurokoodeks 5: Puitkonstruktsioonide projekteerimine. Osa 1-1: Üldist. Üldreeglid ja reeglid hoonete projekteerimiseks 324.-**

Eesti standard on Euroopa standardi EN 1995-1-1:2004 + AC:2006 “Eurocode 5: Design of timber structures – Part 1-1: General – Common rules and rules for buildings” ingliskeelse teksti identne tõlge eesti keelde.

Standardisse on sisse viidud Euroopa standardi EN 1995-1-1:2004 parandus AC:2006, mille kohaselt on muudetud tiitellehte, eessõna, jaotisi 6.5.2, 8.2.2, 8.3.1.1 ja 8.3.1.2. Standard sisaldab rahvuslikku lisa NA.

EN 1995 on rakendatav puitkonstruktsioonide projekteerimisel (saepuit, sh hõõveldatud ja ümarpuit, liimpuit, spoonliimpuit jm puidupõhised konstruktsioonid), samuti liimi või mehaaniliste sidemetega liidetud puidupõhiste plaatide projekteerimisel. Standard käsitleb ainult konstruktsioonide kandevõimele, kasutamisele, kestvusele ja tulepüsivusele esitatavaid nõudeid. Muid nõudeid, mis puudutavad näiteks soojus- ja heliisolatsiooni, ei käsitleta. EN 1995-1-1 annab üldised juhised puitkonstruktsioonide projekteerimiseks koos erijuhistega hoonete projekteerimiseks. EN 1995-1-1 ei käsitle pikaajaliselt üle 60 C temperatuuril töötavate konstruktsioonide projekteerimist.

#### **EVS-EN 1995-1-1/NA:2007 (rahvuslik lisa)**

#### **Eurokoodeks 5: Puitkonstruktsioonide projekteerimine. Osa 1-1: Üldist. Üldreeglid ja reeglid hoonete projekteerimiseks 104.-**

Dokument on Euroopa standardi EN 1995-1-1:2004 “Eurocode 5: Design of timber structures – Part 1-1: General – Common rules and rules for buildings” Eesti rahvuslik lisa, mis sisaldab rahvuslikult määratud parameetreid (NDP) ja protseduure, mida tuleb kasutada koos standardiga EN 1995-1-1 nende hoonete ja rajatiste kandekonstruktsioonide projekteerimisel, mis püstitatakse Eestis.

#### **EVS-EN 1991-1-2:2007**

(sisaldab rahvuslikku lisa)

#### **Eurokoodeks 1: Ehituskonstruktsioonide koormused. Osa 1-2: Üldkoormused.**

#### **Tulekahjukoormus 268.-**

Eesti standard on Euroopa standardi EN 1991-1-2:2002 “Eurocode 1: Actions on structures – Part 1-2: General actions – Actions on structures exposed to fire” ingliskeelse teksti identne tõlge eesti keelde.

Eesti standard sisaldab rahvuslikku lisa NA. Standardi EN 1991 käesolevas osas 1-2 kirjeldatud meetodeid rakendatakse hoonete projekteerimisel, millele mõjuvad hoonest endast ja selle kasutusviisist tingitud tulekahjukoormused. Osa 1-2 käsitleb konstruktsioonidele tulekahju ajal mõjuvaid soojuslikke ja mehaanilisi koormusi. Ta on mõeldud kasutamiseks koos standardite prEN 1992, prEN 1996 ja prEN 1999 tulepüsivusarvutusi käsitlevate osadega, mis sisaldavad eeskirju konstruktsioonide tulepüsivusarvutuseks. Standardi osas 1-2 antakse nominaalse tulekahjuga kaasnevad soojuskoormused ja füüsikalistel parameetritel põhinevad soojuskoormused. Standardis on esitatud soojus- ja mehaaniliste koormustega seotud üldpõhimõtted ja rakendussätted, mida kasutatakse koos standarditega EN 1990, EN 1991-1-1, EN 1991-1-3 ja EN 1991-1-4. Dokument ei käsitle konstruktsioonidele tulekahju tagajärjel tekkinud kahju hindamist.

#### **EVS-EN 1991-1-2/NA:2007 (rahvuslik lisa)**

#### **Eurokoodeks 1: Ehituskonstruktsioonide koormused. Osa 1-2: Üldkoormused.**

#### **Tulekahjukoormus 62.-**

Dokument on Euroopa standardi EN 1991-1-2:2002 “Eurocode 1: Actions on structures – Part 1-2: General actions – Actions on structures exposed to fire” Eesti rahvuslik lisa,



mis sisaldab rahvuslikult määratud parameetreid (NDP) ja protseduure, mida tuleb kasutada koos standardiga EN 1991-1-2 nende hoonete ja rajatiste kandekonstruktsioonide projekteerimisel, mis püstitatakse Eestis.

#### **EVS-EN 1991-1-4:2007**

(sisaldab rahvuslikku lisa)

**Eurokoodeks 1: Ehituskonstruktsioonide koormused. Osa 1-4: Üldkoormused. Tuulekoormus 343.-**

Eesti standard on Euroopa standardi EN 1991-1-4:2005 “Eurocode 1: Actions on structures – Part 1-4: General actions – Wind actions” ingliskeelse teksti identne tõlge eesti keelde. Eesti standard sisaldab rahvuslikku lisa (NA). Standard EN 1991-1-4 annab juhised loodusliku tuule mõju määramiseks hoonete ja rajatiste projekteerimisel iga käsitletava koormatud piirkonna jaoks. Käsitlus hõlmab ehitist tervikuna või ehitise osi nagu konstruktsioonelemendid, välisvoodridetailid ja nende kinnitused, kaitsepiirded ja mürabarjäärid. Osa 1-4 rakendatakse:

- Kuni 200 m kõrguste hoonete ja insenerirajatiste puhul.
- Kuni 200 m sildeavaga sildade puhul, kui on rahuldatud dünaamilise vastupanu tingimused.

Standardi osa 1-4 eesmärgiks on maapinnal asetsevatele konstruktsioonidele, nende elementidele ja nendega liidetud detailidele mõjuva tuulekoormuse normatiivsete väärtuste etteandmine.

#### **EVS-EN 1991-1-4/NA:2007 (rahvuslik lisa)**

**Eurokoodeks 1: Ehituskonstruktsioonide koormused. Osa 1-4: Üldkoormused. Tuulekoormus 199.-**

Dokument on Euroopa standardi EN 1991-1-2:2002 “Eurocode 1: Actions on structures – Part 1-2: General actions – Actions on structures exposed to fire” Eesti rahvuslik lisa, mis sisaldab rahvuslikult määratud parameetreid (NDP) ja protseduure, mida tuleb kasutada koos standardiga EN 1991-1-2 nende hoonete ja rajatiste kandekonstruktsioonide projekteerimisel, mis püstitatakse Eestis.

#### **EVS-EN 1993-1-2:2007**

(sisaldab rahvuslikku lisa)

**Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 1-2: Üldeeskirjad. Tulepüsivusarvutus 286.-**

Eesti standard on Euroopa standardi EN 1993-1-2:2004 “Eurocode 3: Design of steel structures – Part 1-2: General rules – Structural fire design” ingliskeelse teksti identne tõlge eesti keelde. Eesti standard sisaldab rahvuslikku lisa NA.

Standardit EN 1993 kohaldatakse teraskonstruktsioonis hoonete ning tsiviilehitiste projekteerimisel.

EN 1993 käsitleb ainult konstruktsioonide kandevõime, kasutuskõlblikkuse, kestvuse ja tulepüsivusega seotud nõudeid. Muid, näiteks soojus- ja heliisolatsiooni nõudeid siin ei käsitleta.

Standardi EN 1993 osa 1.2 käsitleb teraskonstruktsioonide arvutust tulekahjust põhjustatud arvutusolukorras ning seda tuleb kasutada koos standarditega EN 1993-1-1 ja EN 1991-1-2. Standardis EN 1993-1-2 käsitletakse ainult erinevusi võrreldes normaaltemperatuuril sooritavate arvutustega.

Standardis käsitletakse ainult passiivseid tulekaitsemeetodeid. EN 1993 osa 1-2 käsitleb teraskonstruktsioone, millelt nõutakse konstruktsiooni enneaegse varisemise vältimiseks kandevõimet tulekahjuolukorras.

Märkus. See osa ei käsitle tuldtökestavate konstruktsioonelementide eeskirju.

#### **EVS-EN 1993-1-2/NA:2007 (rahvuslik lisa)**

**Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 1-2: Üldeeskirjad. Tulepüsivusarvutus 62.-**

Käesolev dokument on Euroopa standardi EN 1993-1-2:2004 “Eurocode 3: Design of steel structures – Part 1-2: General rules – Structural fire design” Eesti rahvuslik lisa, mis sisaldab rahvuslikult määratud parameetreid (NDP) ja protseduure, mida tuleb kasutada koos standardiga EN 1993-1-2 nende hoonete ja rajatiste kandekonstruktsioonide projekteerimisel, mis püstitatakse Eestis.

#### **EVS-ISO 386:2007**

**Laboratoorsed klaas-vedeliktermomeetrid. Konstrueerimis-, valmistamis- ja kasutuspõhimõtted 132.-**

Eesti standard on Euroopa standardi EN 386:2001 “Glued laminated timber – Performance requirements and minimum production requirements” ingliskeelse teksti identne tõlge eesti keelde.

Standard määrab nõuded liimpuidu komponentidele ning miinimumtingimused liimpuidust konstruktsioonelementide

valmistamiseks. Standard kehtib toodetele, mille lamellide lõplik paksus ei ületa 45 mm. Kuigi liimpuit valmistatakse enamasti okaspuidust, kehtib käesolev standard ka lehtpuidule eeldusel, et on olemas piisavalt teavet rahuldava liimliite saamiseks.

#### **EVS-ISO 4787:2007**

##### **Laboratooriumi klaasnõud.**

##### **Klaasmahunõud. Kasutamise ja mahu katsetamise meetodid 141.-**

Eesti standard on rahvusvahelise standardi ISO 4787:1984 “Laboratory glassware – Volumetric glassware – Methods for use and testing of capacity” ingliskeelse teksti identne tõlge eesti keelde.

Standard esitab klaasmahunõude katsemeetodid, et mahunõude kasutamisel saada parim täpsustase.

Üksikteemade rahvusvahelised standardid sisaldavad jaotisi mahu määratluse osas, mis kirjeldavad käsitletavaid meetodeid piisavalt detailselt, et määrata maht ühetähenduslikult. Standard täiendab teavet, mis sisaldub nendes määratlustes.

Standardi protseduurid on rakendatavad väikestele mahunõudele, mis on tavaliselt mõõteulatusega 0,1 ml kuni 2000 ml. Need mahunõud hõlmavad jaotamise ja ilma alajaotusteta ühemärgi pipette, skaalaga mõõtepipette ja osa või täieliku alajaotistega lahjendamise pipette; bürette; mahukolbe ja skaalaga mõõtesilindreid. Need protseduurid ei ole soovitatavad alla 0,1 ml mahuga vahendite katsetamiseks, nagu näiteks mikroklaasnõud.

#### **EVS-ISO 6152:2007**

##### **Alkoholomeetrite ja alkoholiareomeetritega koos kasutatavad termomeetrid 84.-**

Eesti standard on rahvusvahelise standardi ISO 6152:1982 “Thermometers for use with alcoholometers and alcohol hydrometers” ingliskeelse teksti identne tõlge eesti keelde.

Standard kirjeldab lühikese varrega täppis klaas-elavhõbetermomeetreid, mida kasutatakse koos standardile ISO 4801 vastavate alkoholomeetrite ja alkoholiareomeetritega.

#### **EVS-EN 50470-1-:2007**

##### **Elektrimõõteseadmed vahelduvvoolule. Osa 1: Üldnõuded, katsetused ja katsetingimused. Klassidesse A, B ja C kuuluvad arvestid 246.-**

Eesti standard on Euroopa standardi EN 50470-1:2006 “Electricity metering equipment (a.c.) – Part 1: General requirements, tests and test conditions – Metering equipment (class indexes A, B and C)” ingliskeelse teksti identne tõlge eesti keelde.

Standard kehtib uutele toodetud aktiivenergia hulga mõõtmise arvestitele, mis on ette nähtud kasutamiseks olme-, äri ja väiketööstuse 50 Hz elektrivõrgus. Standard määratleb üldnõuded ja tüübikatsete meetodid. Standard laieneb nii sise- kui välispaigalduse elektromehaanilistele ja staatilistele energiaarvestitele, mis sisaldavad korpusega ümbritsetud mõõteelementi ja registr(eid)it. See laieneb ka kontrollväljundi(te)le ja tööindikaatori(te)le.

#### **EVS-EN 50470-2:2007**

##### **Elektrimõõteseadmed vahelduvvoolule. Osa 2: Erinõuded. Elektromehaanilised aktiivenergia arvestid (klass A ja B) 171.-**

Eesti standard on Euroopa standardi EN 50470-2:2006 “Electricity metering equipment (a.c.) – Part 2: Particular requirements – Electromechanical meters for active energy (class indexes A and B)” ingliskeelse teksti identne tõlge eesti keelde.

Standard kehtib uutele toodetud klassi A ja B elektromehaanilistele aktiivenergia hulga mõõtmise arvestitele, mis on ette nähtud kasutamiseks olme-, äri ja väiketööstuse 50 Hz elektrivõrgus. Standard määratleb erinõuded ja tüübikatsete meetodid. Standard laieneb nii sise- kui välispaigalduse elektromehaanilistele energiaarvestitele, mis sisaldavad korpusega ümbritsetud mõõteelementi ja registr(eid)it. See laieneb ka kontrollväljundi(te)le ja tööindikaatori(te)le.

#### **EVS-EN 50470-3:2007**

##### **Elektrimõõteseadmed vahelduvvoolule. Osa 3: Erinõuded. Staatilised aktiivenergia arvestid (klass A, B ja C) 199.-**

Eesti standard on Euroopa standardi EN 50470-3:2006 “Electricity metering equipment (a.c.) – Part 3: Particular requirements – Static meters for active energy (class indexes A, B and C)” ingliskeelse teksti identne tõlge eesti keelde.

Standard kehtib uutele toodetud klassi A ja B staatilistele aktiivenergia hulga mõõtmise arvestitele, mis on ette nähtud kasutamiseks olme-, äri ja väiketööstuse 50 Hz elektrivõrgus. Standard määratleb erinõuded ja tüübikatsete

meetodid. Standard laieneb nii sise- kui välispaigalduse staatilistele energiaarvestitele, mis sisaldavad korpusega ümbritsetud mõõteelementi ja registr(eid)it. See laieneb ka kontrollväljundi(te)le ja tööindikaatori(te)le.

#### **EVS-EN 13724:2007**

##### **Postiteenused. Postkastide ja postiluukide avad. Nõuded ja katsemeetodid 162.-**

Eesti standard on Euroopa standardi EN 13724:2002 "Postal services – Apertures of private letter boxes and letter plates – Requirements and test methods" ingliskeelse teksti identne tõlge eesti keelde.

Standard määrab nõuded ja katsemeetodid kirjade kättetoimetamiseks mõeldud postkastide või -luukide avadele, kui need on paigaldatud vastavalt tootja juhistele.

Standard arvestab turvalisust, vastupidavust, ohutust ja toimivust saaja juures ning ergonomiat ja efektiivsust kättetoimetavale personalile. Standard tagab rõhuva enamiku kirjade igapäevase kättetoimetamise heas konditsioonis.

#### **EVS-EN 14012:2007**

##### **Postiteenused. Teenuse kvaliteet. Kaebuste läbivaatamise ja käsitlemise kord 180.-**

Eesti standard on Euroopa standardi EN 14012:2003 "Postal services – Quality of service – Measurement of complaints and redress procedures" ingliskeelse teksti identne tõlge eesti keelde.

Standard määratleb nõudmised kaebuste läbivaatamise ja käsitlemise korrale, mis on seotud siseriikliku ja rahvusvahelise postiteenusega. See määratleb erinevat tüüpi kaebused ja kehtestab igale kaebusetüübile metoodika, kuidas mõõta vastamismäära kaebuse kinnitamisel, käsitlemisel ja lahendamisel teenusepakkuja poolt. Samuti täpsustab see nõudmised teenusepakkuja poolt loodavale kaebuste haldamissüsteemile. Standard kehtib kõigile siseriiklikele ja piiriülestele universaalteenuste alla kuuluvatele teenustele. Vajaduse korral võib seda kasutada teiste postiteenuste puhul.

#### **EVS-EN 12817:2007**

##### **Vedelgaasi seadmed ja lisavarustus. Maapealsete vedelgaasi mahutite mahuga kuni ja kaasaarvatud 13 m3 kontroll ja ümberkvalifitseerimine 151.-**

Eesti standard on Euroopa standardi EN 12817:2002+A1:2006+AC:2006 "LPG equipment and accessories – Inspection and requalification of LPG tanks up to and including 13 m3 overground" teksti identne tõlge eesti keelde, sisaldades parandust AC:2006 ja muudatust A1:2006.

Standard määratleb nõuded:

- a) maapealsete vedelgaasi mahutite, 150 l kuni 13 m3 kaasaarvatud ning nende lisaseadmete tavakontrollile, perioodilisele kontrollile ja ümberkvalifitseerimisele;
- b) tavakontrolli, perioodilise kontrolli ja ümberkvalifitseerimise tulemusena vastavalt vajadusele protokollide säilitamisele ja/või mahutite märgistusele.

Standard ei käsitle jahutatult hoiustamist.

#### **EVS-EN 12820:2007**

##### **Üle 13 m3 mahuga maa-aluste vedelgaasimahutite kontroll ja ümberkvalifitseerimine 162.-**

Eesti standard on Euroopa standardi EN 12820:2002 "Inspection and requalification of LPG tanks greater than 13 m3 underground" ingliskeelse teksti identne tõlge eesti keelde.

Standard määratleb nõuded:

- a) maa-alustele ning pinnasega kaetud vedelgaasi mahutitele suuremad kui 13 m3 ning nende lisaseadmete tavakontrollile, perioodilisele kontrollile ja ümberkvalifitseerimisele;
- b) tavakontrolli, perioodilise kontrolli ja ümberkvalifitseerimise tulemusena vastavalt vajadusele protokollide säilitamisele ja/või mahutite märgistusele.

Standard ei käsitle jahutatult hoiustamist.

#### **EVS-EN 13952:2007**

##### **Vedelgaasi seadmed ja lisavarustus. Vedelgaasi balloone täitmise protseduurid 95.-**

Eesti standard on Euroopa standardi EN 13952:2003+A1:2006 "LPG equipment and accessories – Filling procedures for LPG cylinders" ingliskeelse teksti identne tõlge eesti keelde.

Standard määrab nõudmised balloone täitejaama tööle, tagamaks, et vedelgaasi balloone täitmine viiakse läbi ohjatud ja ohutul viisil. Standard ei sisalda nõudeid nende vedelgaasi balloone täitmiseks, millised on

kavandatud ja seadmestatud tarbija poolt täidetavaks. Standard ei sisalda nõudeid sõidukitel asuvate vedelgaasimahutite täitmiseks.

#### **EVS-EN 14763:2007**

##### **Vedelgaasi seadmed ja lisavarustus. Transporditavad korduvtäidetavad komposiitmaterjalist balloonid.**

##### **Kontrolliprotseduurid enne täitmist, täitmise ajal ja pärast täitmist 151.-**

Eesti standard on Euroopa standardi EN 14763:2005 "LPG equipment and accessories – Transportable refillable composite cylinders for Liquefied Petroleum Gas (LPG) – Procedure for checking before, during and after filling" ingliskeelse teksti identne tõlge eesti keelde.

Standard määratleb toimingud, mida tuleb rakendada transporditavate korduvtäidetavate vedelgaasi (LPG) komposiitmaterjalist balloonide kontrollimisel enne täitmist, täitmise ajal ja pärast täitmist.

Standardit kohaldatakse transporditavatele korduvtäidetavatele komposiitmaterjalist vedelgaasi (LPG) balloonidele, mille vee mahutavus on 0,5 l kuni 150 l kaasa arvatud. Standardit ei kohaldata balloonide suhtes, mis on paigaldatud kohtkindlalt sõidukisse, tootmisseadmesse või täitmisseadmesse.

Standard on kohaldatav transporditavatele korduvtäidetavatele komposiitmaterjalist balloonidele, mis on toodetud vastavalt standardile EN 14427.

Märkus. Standardit võib samuti kasutada komposiitmaterjalist balloonidele, mis on toodetud teistele samaväärsetele standarditele vastavalt.

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#### **EVS-EN ISO 9000:2007**

##### **Kvaliteedijuhtimissüsteemid. Alused ja sõnavara 381.-**

Eesti standard sisaldab Euroopa standardiks EN ISO 9000:2005 ülevõetud rahvusvahelise standardi ISO 9000:2005 "Quality management systems – Fundamentals and vocabulary" ingliskeelse teksti ja selle tõlke eesti keelde.

Rahvusvaheline standard kirjeldab ISO 9000 sarja ainestikku moodustavate kvaliteedijuhtimissüsteemide aluseid ning määratleb sellega seotud terminid.

Rahvusvaheline standard on kohaldatav:

- a) organisatsioonidele, kes taotlevad eeliseid kvaliteedijuhtimissüsteemi rakendamise kaudu;
- b) organisatsioonidele, kes taotlevad oma tarnijatelt kindlustunnet selle suhtes, et nende toodetele esitatavad nõuded rahuldatakse;
- c) toodete kasutajatele;
- d) neile, kes on seotud kvaliteedijuhtimises kasutatava terminoloogia vastastikuse mõistmisega (nt tarnijad, kliendid, regulatiivsed asutused);
- e) neile organisatsioonidele või välistele isikutele, kes hindavad kvaliteedijuhtimissüsteemi või auditeerivad selle vastavust ISO 9001 nõuetele (nt audiitorid, regulatiivsed asutused, sertifitseerimis- või registreerimisasutused);
- f) neile organisatsioonidele või välistele isikutele, kes nõustavad või koolitavad organisatsiooni sellele sobiva kvaliteedijuhtimissüsteemi alal;
- g) seonduvate standardite väljatöötajatele.