EESTI STANDARDIKESKUS
ESTONIAN CENTRE FOR STANDARDISATION

# EVS TEATAJA

Ilmub üks kord kuus alates 1993. aastast

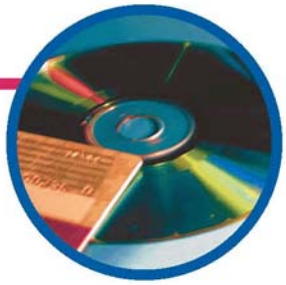
07/2009

Harmoneeritud standardid

WTO teatised

Uued Eesti standardid

Eesti keeles müügil



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# SISUKORD

# HARMONEERITUD STANDARDID

*Tehnilise normi ja standardi seaduse* kohaselt avaldab Eesti Standardikeskus oma veebilehel ja ametlikus väljaandes teavet harmoneeritud standardeid ülevõtvate Eesti standardite kohta.

Harmoneeritud standardiks nimetatakse EÜ direktiivide kontekstis ja tehnilise normi ja standardi seaduse mõistes Euroopa Komisjoni mandaadi alusel Euroopa standardimisorganisatsioonide poolt koostatud ja vastu võetud standardit.
Harmoneeritud standardite kasutamise korral eeldatakse enamiku vastavate direktiivide mõistes, et standardi kohaselt valmistatud toode täidab direktiivi olulisi nõudeid ning on seetõttu reeglina kõige lihtsam viis tõendada direktiivide oluliste nõuete täitmist. Harmoneeritud standardi täpne tähendus ja õiguslik staatus tuleneb siiski iga direktiivi tekstist eraldi ning võib direktiivist olenevalt erineda.
Lisainfo:
http://www.newapproach.org/
http://ec.europa.eu/enterprise/newapproach/standardization/harmstds

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

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

Info esitatakse vastavate direktiivide kaupa.

## HARMONEERITUD STANDARDEID ÜLEVÕTVAD EESTI STANDARDID

### NÕUKOGU DIREKTIIV 90/396/EMÜ Küttegaasiseadmed
(EL Teataja 2009/C 126/03)

| **Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri** | **Kuupäev, millal Eesti standardi aluseks olev Euroopa standard on saanud harmoneeritud standardi staatuse** | **Viide asendatavale Eesti standardile** | **Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse (Märkus 1)** |
|---|---|---|---|

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|---|---|---|---|
| EVS-EN 13785:2005+A1:2008<br>Regulaatorid, mille võimsus on kuni 100kg/h (kaasa arvatud) ja maksimaalne nominaalne väljundrõhk kuni 4 bar (kaasa arvatud), v.a. standardis EN 12864 kajastatud, ja nendega seotud ohutusseadmed butaanile, propaanile ja nende segudele KONSOLIDEERITUD TEKST / *Regulators with a capacity of up to and including 100 kg/h, having a maximum nominal outlet pressure of up to and including 4 bar, other than those covered by EN 12864 and their associated safety devices for butane, propane or their mixtures CONSOLIDATED TEXT* | 05.06.2009 | EVS-EN 13785:2005 | Kehtivuse lõppkuupäev (31.5.2009) |
| EVS-EN 13786:2004+A1:2008<br>Automaatsed ümberlülitusventiilid, mille maksimaalne väljundrõhk on kuni 4 bar (kaasa arvatud) ja võimsus kuni 100kg/h (kaasa arvatud) ning nendega seotud ohutusseadmed butaanile, propaanile ja nende segudele KONSOLIDEERITUD TEKST / *Automatic change-over valves having a maximum outlet pressure of up to and including 4 bar with a capacity of up to and including 100 kg/h, and their associated safety devices for butane, propane or their mixtures CONSOLIDATED TEXT* | 05.06.2009 | EVS-EN 13786:2004 | Kehtivuse lõppkuupäev (31.5.2009) |

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

## NÕUKOGU DIREKTIIV 2004/108/EÜ Elektromagnetiline ühilduvus

(EL Teataja 2009/C 126/01)

| **Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri** | **Kuupäev, millal Eesti standardi aluseks olev Euroopa standard on saanud harmoneeritud standardi staatuse** | **Viide asendatavale Eesti standardile** | **Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse (Märkus 1)** |
|---|---|---|---|
| EVS-EN 50490:2008<br>Lennuväljade valgustus- ja majaka-elektripaigaldised. Tehnilised nõuded lennuliikluse maavalgustuse juhtimis- ja seiresüsteemidele. Üksiklampide selektiivlülitus- ja seireüksused / *Electrical installations for lighting and beaconing of aerodromes - Technical requirements for aeronautical ground lighting control and monitoring systems - Units for selective switching and monitoring of individual lamps* | 05.06.2009 | Vastav(ad) üldstandard(id)<br>Märkus 2.3 | 1.4.2011 |

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|---|---|---|---|
| EVS-EN 60730-1:2001/A2:2008<br>Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 1: Üldnõuded / *Automatic electrical controls for household and similar use Part 1: General requirements* | 05.06.2009 | Märkus 3 | 1.6.2011 |
| EVS-EN 60730-2-6:2008<br>Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 2-6: Erinõuded, sealhulgas mehaanilised nõuded, automaatsetele elektrilistele rõhuandur-juhtimisseadistele / *Automatic electrical controls for household and similar use -- Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements* | 05.06.2009 | EVS-EN 60730-2-6:2001<br>Märkus 2.1 | 1.7.2011 |
| EVS-EN 300 386 V1.4.1:2008<br>Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Telekommunikatsioonivõrgu seadmed; Elektromagnetilise ühilduvuse (EMC) nõuded / *Electromagnetic compatibility and Radio spectrum Matters (ERM);Telecommunication network equipment;ElectroMagnetic Compatibility (EMC) requirements* | 05.06.2009 | EVS-EN 300 386 V1.3.3:2005 | 31.7.2011 |

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

Märkus 2.1
Uus (või muudetud) standard on sama käsitlusalaga kui asendatav standard. Määratud kuupäevast alates ei anna asendatav standard vastavuseeldust direktiivi olulistele nõuetele.

Märkus 2.3
Uue standardi käsitlusala on kitsam asendatava standardi käsitlusalast. Määratud kuupäevast alates ei kehti enam (osaliselt) asendatava standardi vastavuseeldus direktiivi olulistele nõuetele nende toodete suhtes, mis kuuluvad uues standardi käsitlusalasse. Vastavuseeldus direktiivi olulistele nõuetele kehtib edasi nende toodete suhtes, mis endiselt (osaliselt) kuuluvad asendatava standardi käsitlusalasse, kuid ei kuulu uue standardi käsitlusalasse.

Märkus 3
Muudatuste puhul on viidatud standardiks EVS-EN CCCCC:YYYY, selle varasemad muudatused, kui neid on, ja uus viidatud muudatus. Asendatav standard (3. veerg) sisaldab seetõttu standardit EVS-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.

HARMONEERITUD STANDARDID STAATUSE KAOTANUD EESTI STANDARDID

**NÕUKOGU DIREKTIIV 2004/108/EÜ Elektromagnetiline ühilduvus**
(EL Teataja 2009/C 126/01)

| **Harmoneeritud standardit staatuse kaotanud Eesti standardi tähis ja pealkiri** | **Kuupäev, millal Eesti standardi aluseks olev Euroopa standard on kaotab harmoneeritud standardi staatuse** |
|---|---|
| EVS-EN 50091-2:2001<br>Katkematud toitesüsteemid. Osa 2: Elektromagnetilise ühilduvuse nõuded / *Uninterruptible power systems (UPS) - Part 2: EMC requirements* | 05.06.2009 |
| EVS-EN 60730-2-5:2001<br>Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 2-5: Erinõuded automaatsetele elektrilistele põletijuhtimissüsteemidele / *Automatic electrical controls for household and similar use - Part 2-5: Particular requirements for automatic electrical burner control systems* | 05.06.2009 |
| EVS-EN 60730-2-8:2001<br>Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 2-8: Erinõuded, sealhulgas mehaanilised nõuded, elektriliselt käitatavatele veeventiilidele / *Automatic electrical controls for household and similar use - Part 2-8: Particular requirements for electrically operated water valves, including mechanical requirements* | 05.06.2009 |
| EVS-EN 60730-2-9:2001<br>Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 2-9: Erinõuded temperatuuriandur-juhtimisseadistele / *Automatic electrical controls for household and similar use - Part 2-9: Particular requirements for temperature sensing controls* | 05.06.2009 |
| EVS-EN 60947-6-1:2001<br>Madalpingelised lülitus- ja juhtimisaparaadid. Osa 6: Multifunktsionaalsed seadmed. Jagu 1: Automaatsed ülekandelülitusseadmed / *Low-voltage switchgear and controlgear - Part 6: Multiple function equipment - Section one: Automatic transfer switching equipment* | 05.06.2009 |
| EVS-EN 61000-3-2:2002<br>Elektromagnetiline ühilduvus. Osa 3-2: Piirväärtused. Vooluharmooniliste emissiooni piirväärtused (seadme sisendvoolu korral kuni 16A faasi kohta) / *Electromagnetic compatibility (EMC) - Part 3-2: Limits - Section 2: Limits for harmonic current emissions (equipment input currrent up to and including 16 A per phase)* | 05.06.2009 |
| EVS-EN 61000-3-2:2002/A2:2005<br>Elektromagnetiline ühilduvus. Osa 3-2: Piirväärtused. Vooluharmooniliste emissiooni piirvä?rtused (seadme sisendvoolu korral kuni 16A faasi kohta) / *Electromagnetic compatibility (EMC) - Part 3-2: Limits - Section 2: Limits for harmonic current emissions (equipment input currrent up to and including 16 A per phase)* | 05.06.2009 |

# 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 teatises toodud kuupäeva Majandus- ja Kommunikatsiooniministeeriumi, Karl Stern tel: 625 6405, karl.stern@mkm.ee.

WTO TBT ja SPS teatiste terviktekstid on olemas EVS koduleheküljel (Tooted ja teenused - WTO teatised) või WTO koduleheküljel (www.wto.org).

Eelnõude terviktekstid on leitavad teatises toodud linkidelt või EVS teabekeskusest. Täiendav info: Signe Ruut tel: 605 5062, enquiry@evs.ee

## WTO SEKRETARIAADILT SAABUNUD TBT TEATISED
### juuni 2009

| | | | |
|---|---|---|---|
| G/TBT/N/ARE/24 | UNITED ARAB EMIRATES | Canned humus | 25.06.2009 |
| G/TBT/N/ARE/25 | UNITED ARAB EMIRATES | Preserved tomatoes | 25.06.2009 |
| G/TBT/N/BRA/331 | BRAZIL | Medical devices | 25.06.2009 |
| G/TBT/N/BRA/332 | BRAZIL | Enzyme detergents | 25.06.2009 |
| G/TBT/N/BRA/333 | BRAZIL | Food packaging | 25.06.2009 |
| G/TBT/N/BRA/334 | BRAZIL | Phytomedicines | 25.06.2009 |
| G/TBT/N/CAN/271 | CANADA | Non-medicinal ingredients | 25.06.2009 |
| G/TBT/N/CAN/272 | CANADA | Radiocommunications equipment | 25.06.2009 |
| G/TBT/N/CAN/273 | CANADA | Radiocommunications equipment | 25.06.2009 |
| G/TBT/N/CAN/274 | CANADA | Radiocommunications equipment | 25.06.2009 |
| G/TBT/N/CAN/275 | CANADA | Drugs for human use and veterinary drugs | 25.06.2009 |
| G/TBT/N/JPN/304 | JAPAN | Electronic appliances printed wiring boards | 25.06.2009 |
| G/TBT/N/USA/471 | UNITED STATES | Replacement tires | 25.06.2009 |

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|---|---|---|---|
| G/TBT/N/JPN/301 | JAPAN | Fish ham and fish sausage | 24.06.2009 |
| G/TBT/N/JPN/302 | JAPAN | Edible vegetable oils and fats | 24.06.2009 |
| G/TBT/N/JPN/303 | JAPAN | Textiles | 24.06.2009 |
| G/TBT/N/ZAF/98 | SOUTH AFRICA | Coffee | 24.06.2009 |
| G/TBT/N/EEC/277 | EUROPEAN COMMUNITIES | Non-directional household lamps | 23.06.2009 |
| G/TBT/N/EEC/278 | EUROPEAN COMMUNITIES | Food | 23.06.2009 |
| G/TBT/N/EEC/279 | EUROPEAN COMMUNITIES | Food | 23.06.2009 |
| G/TBT/N/PHL/108 | PHILIPPINES | Petroleum products | 23.06.2009 |
| G/TBT/N/TPKM/71 | THE SEPARATE CUSTOMS TERRITORY OF TAIWAN, PENGHU, KINMEN AND MATSU | Vehicles | 23.06.2009 |
| G/TBT/N/TPKM/72 | THE SEPARATE CUSTOMS TERRITORY OF TAIWAN, PENGHU, KINMEN AND MATSU | Laser speedometers | 23.06.2009 |
| G/TBT/N/TTO/72 | TRINIDAD AND TOBAGO | Synthetic Laundry Detergent Powder | 23.06.2009 |
| G/TBT/N/TTO/73 | TRINIDAD AND TOBAGO | Standard specification for loadbearing concrete masonry units | 23.06.2009 |
| G/TBT/N/CHN/660 | CHINA | Mills | 22.06.2009 |
| G/TBT/N/CHN/661 | CHINA | Classification equipment, magnetic separation equipment, flotation equipment, specific gravity equipment and dewatering equipment for mineral processing | 22.06.2009 |
| G/TBT/N/CHN/663 | CHINA | General purpose belt conveyor, chain conveyor, bridge conveyor for underground mine | 22.06.2009 |

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| G/TBT/N/CHN/664 | CHINA | Carbon steel seamless tubes and pipes for nuclear power plant | 22.06.2009 |
| G/TBT/N/CHN/665 | CHINA | Alloy steel seamless tubes and pipes for nuclear power plant | 22.06.2009 |
| G/TBT/N/CHN/666 | CHINA | 9% Nickel steel plates for pressure vessels with specified low temperature properties | 22.06.2009 |
| G/TBT/N/CHN/667 | CHINA | Stainless steel plate, sheet and strip for pressure equipments | 22.06.2009 |
| G/TBT/N/CHN/668 | CHINA | Low voltage equipments | 22.06.2009 |
| G/TBT/N/CHN/669 | CHINA | Explosion protected electric equipments | 22.06.2009 |
| G/TBT/N/CHN/670 | CHINA | Power support for coal mine - power set legs and rams | 22.06.2009 |
| G/TBT/N/CHN/649 | CHINA | Solid wastes as raw materials | 19.06.2009 |
| G/TBT/N/CHN/650 | CHINA | Laser stereo lithography prototyping machine | 19.06.2009 |
| G/TBT/N/CHN/651 | CHINA | Daylight press | 19.06.2009 |
| G/TBT/N/CHN/652 | CHINA | Internal mixer for processing of plastics and/or rubber | 19.06.2009 |
| G/TBT/N/CHN/653 | CHINA | Calenders for processing plastics and /or rubber | 19.06.2009 |
| G/TBT/N/CHN/654 | CHINA | Safety signs for mining machinery | 19.06.2009 |
| G/TBT/N/CHN/655 | CHINA | Mining machinery safety signs about symbols for hazard pictorial | 19.06.2009 |
| G/TBT/N/CHN/656 | CHINA | Full face tunnel boring machine and part face tunnel boring machine | 19.06.2009 |
| G/TBT/N/CHN/657 | CHINA | Mechanical mining shovel | 19.06.2009 |
| G/TBT/N/CHN/658 | CHINA | Slat feeder, belt feeder, chain feeder, reciprocating feeder, circular feeder, screw feeder, scraper feeder and vibration feeder | 19.06.2009 |

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| G/TBT/N/CHN/659 | CHINA | Vibrating screen, fixed screen and rotating screen | 19.06.2009 |
| G/TBT/N/CHN/662 | CHINA | Underground load-haul-dump | 19.06.2009 |
| G/TBT/N/UKR/25 | UKRAINE | Ships | 18.06.2009 |
| G/TBT/N/UKR/26 | UKRAINE | Rational use of energy in industrial enterprises | 18.06.2009 |
| G/TBT/N/UKR/27 | UKRAINE | Food products | 18.06.2009 |
| G/TBT/N/UKR/28 | UKRAINE | Tractors | 18.06.2009 |
| G/TBT/N/UKR/29 | UKRAINE | Agricultural and forestry tractors | 18.06.2009 |
| G/TBT/N/UKR/30 | UKRAINE | Radio equipment and telecommunications terminal equipment | 18.06.2009 |
| G/TBT/N/UKR/31 | UKRAINE | Safety and health protection of workers | 18.06.2009 |
| G/TBT/N/UKR/32 | UKRAINE | Tractors | 18.06.2009 |
| G/TBT/N/UKR/33 | UKRAINE | Railroad transport services | 18.06.2009 |
| G/TBT/N/UKR/34 | UKRAINE | Equipment which works under pressure | 18.06.2009 |
| G/TBT/N/UKR/35 | UKRAINE | Measuring equipment | 18.06.2009 |
| G/TBT/N/UKR/36 | UKRAINE | Simple vessels working under high pressure | 18.06.2009 |
| G/TBT/N/UKR/37 | UKRAINE | Non-automatic measuring apparatus | 18.06.2009 |
| G/TBT/N/NZL/51 | NEW ZEALAND | External power supplies, simple set top boxes, household refrigerating appliances, room air conditioners and heat pumps, close control[...]itioners, commercial chillers | 17.06.2009 |
| G/TBT/N/TUR/2 | TURKEY | Construction products | 17.06.2009 |
| G/TBT/N/UGA/46 | UGANDA | All polyethylene materials and carrier bags with diameter less than 31 microns | 17.06.2009 |

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|---|---|---|---|
| G/TBT/N/UKR/22 | UKRAINE | Machinery, equipment, components or units and mobile equipment | 17.06.2009 |
| G/TBT/N/UKR/23 | UKRAINE | New electrical household devices: refrigerators, freezers and combinations of this equipment, washing and drying machines, combination of [...]ing fixtures, air conditioners | 17.06.2009 |
| G/TBT/N/UKR/24 | UKRAINE | Machines, replacement equipment, security components, lifting equipment, chains, ropes and the textile strips, removable mechanical transm[...], partially completed vehicles | 17.06.2009 |
| G/TBT/N/ALB/35 | ALBANIA | State aid | 15.06.2009 |
| G/TBT/N/KEN/147 | KENYA | Solar power systems | 12.06.2009 |
| G/TBT/N/KEN/148 | KENYA | Solar power systems | 12.06.2009 |
| G/TBT/N/KEN/149 | KENYA | Solar power systems | 12.06.2009 |
| G/TBT/N/KEN/150 | KENYA | Solar power systems | 12.06.2009 |
| G/TBT/N/KEN/151 | KENYA | Telecommunication systems | 12.06.2009 |
| G/TBT/N/KEN/152 | KENYA | Telecommunication systems | 12.06.2009 |
| G/TBT/N/KEN/153 | KENYA | Telecommunication systems | 12.06.2009 |
| G/TBT/N/KEN/154 | KENYA | Telecommunication systems | 12.06.2009 |
| G/TBT/N/KEN/155 | KENYA | Telecommunication systems | 12.06.2009 |
| G/TBT/N/CHE/112 | SWITZERLAND | Newly registered cars | 11.06.2009 |
| G/TBT/N/JPN/300 | JAPAN | Drugs | 11.06.2009 |
| G/TBT/N/KEN/141 | KENYA | Lead acid batteries | 11.06.2009 |
| G/TBT/N/KEN/142 | KENYA | Lead acid batteries | 11.06.2009 |
| G/TBT/N/KEN/143 | KENYA | Lead acid batteries | 11.06.2009 |

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|---|---|---|---|
| G/TBT/N/KEN/144 | KENYA | Solar power systems | 11.06.2009 |
| G/TBT/N/KEN/145 | KENYA | Solar power systems | 11.06.2009 |
| G/TBT/N/KEN/146 | KENYA | Solar power systems | 11.06.2009 |
| G/TBT/N/THA/311 | THAILAND | Liquefied petroleum gas cylinders | 11.06.2009 |
| G/TBT/N/TTO/68 | TRINIDAD AND TOBAGO | Metallic outlet boxes | 11.06.2009 |
| G/TBT/N/TTO/69 | TRINIDAD AND TOBAGO | Nonmetallic outlet boxes, flush-device boxes, and covers | 11.06.2009 |
| G/TBT/N/TTO/70 | TRINIDAD AND TOBAGO | Attachment plugs and receptacles | 11.06.2009 |
| G/TBT/N/TTO/71 | TRINIDAD AND TOBAGO | Cord sets and power-supply cords | 11.06.2009 |
| G/TBT/N/USA/470 | UNITED STATES | Coal minedust personal monitors | 11.06.2009 |
| G/TBT/N/CAN/270 | CANADA | Telecommunication equipment | 10.06.2009 |
| G/TBT/N/THA/309 | THAILAND | Telecommunication cable | 10.06.2009 |
| G/TBT/N/THA/310 | THAILAND | Liquefied petroleum gas cylinders | 10.06.2009 |
| G/TBT/N/ALB/34 | ALBANIA | Personal protective equipment | 9.06.2009 |
| G/TBT/N/CHE/111 | SWITZERLAND | Telecommunication equipment: radio equipment and telecommunication terminal equipment | 9.06.2009 |
| G/TBT/N/CHN/627 | CHINA | Solid chemical fertilizers | 9.06.2009 |
| G/TBT/N/CHN/628 | CHINA | Compound fertilizer (complex fertilizer) | 9.06.2009 |
| G/TBT/N/CHN/629 | CHINA | Monoammonium phosphate and diammonium phosphate | 9.06.2009 |
| G/TBT/N/CHN/630 | CHINA | Herbicides - Clomazone technical | 9.06.2009 |

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| G/TBT/N/CHN/631 | CHINA | Pesticides - Insecticides - Buprofezin technical | 9.06.2009 |
| G/TBT/N/CHN/632 | CHINA | Ethephon technical | 9.06.2009 |
| G/TBT/N/CHN/633 | CHINA | Pesticides - Fungicides - Thiophanate-methyl technical | 9.06.2009 |
| G/TBT/N/CHN/634 | CHINA | Pesticides - Isocarbophos technical | 9.06.2009 |
| G/TBT/N/CHN/635 | CHINA | Pesticides - Fungicides - Propiconazole technical | 9.06.2009 |
| G/TBT/N/CHN/636 | CHINA | Fenitrothion technical | 9.06.2009 |
| G/TBT/N/CHN/637 | CHINA | Pesticides - Herbicides - Bensulfuron-methyl technical | 9.06.2009 |
| G/TBT/N/CHN/638 | CHINA | Pesticides - Herbicides - Thifensulfuron-methyl technical | 9.06.2009 |
| G/TBT/N/CHN/639 | CHINA | Pesticides - Prometryn technical | 9.06.2009 |
| G/TBT/N/CHN/640 | CHINA | Pesticides - Methomyl technical | 9.06.2009 |
| G/TBT/N/CHN/641 | CHINA | Protective gloves | 9.06.2009 |
| G/TBT/N/CHN/642 | CHINA | Chemical protective clothing | 9.06.2009 |
| G/TBT/N/CHN/643 | CHINA | Protective clothing against liquid acids and alkalis | 9.06.2009 |
| G/TBT/N/CHN/644 | CHINA | Guided type fall arresters including a rigid anchor line | 9.06.2009 |
| G/TBT/N/CHN/645 | CHINA | Retractable type fall arrester | 9.06.2009 |
| G/TBT/N/CHN/646 | CHINA | Lanyards | 9.06.2009 |
| G/TBT/N/CHN/647 | CHINA | Cigarettes | 9.06.2009 |
| G/TBT/N/CHN/648 | CHINA | Cigarettes | 9.06.2009 |
| G/TBT/N/EST/5 | ESTONIA | Alcohol | 9.06.2009 |

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|---|---|---|---|
| G/TBT/N/HND/59 | HONDURAS | Hydrated fuel ethanol | 9.06.2009 |
| G/TBT/N/ISR/320 | ISRAEL | Electric cables | 9.06.2009 |
| G/TBT/N/ISR/321 | ISRAEL | Glass containers for food and beverages | 9.06.2009 |
| G/TBT/N/TPKM/70 | THE SEPARATE CUSTOMS TERRITORY OF TAIWAN, PENGHU, KINMEN AND MATSU | Lenses of sunglasses | 9.06.2009 |
| G/TBT/N/HKG/32 | HONG KONG, CHINA | Showers for bathing | 8.06.2009 |
| G/TBT/N/BHR/131 | BAHRAIN | Halal food | 4.06.2009 |
| G/TBT/N/CAN/269 | CANADA | Kettles for household use | 4.06.2009 |
| G/TBT/N/FRA/102 | FRANCE | Organic amendments: Compost containing materials of agronomic interest derived from water treatment | 4.06.2009 |
| G/TBT/N/FRA/103 | FRANCE | Fertilizer for mineral nutrient solutions Designations and specifications Basic mineral amendments - Designations and specifications | 4.06.2009 |
| G/TBT/N/KWT/21 | KUWAIT | Maximum levels of melamine in food and feeds | 4.06.2009 |
| G/TBT/N/NZL/50 | NEW ZEALAND | Unpasteurised milk products for human consumption | 4.06.2009 |
| G/TBT/N/SWE/99 | SWEDEN | Construction products | 4.06.2009 |
| G/TBT/N/TTO/62 | TRINIDAD AND TOBAGO | Household electric storage tank water heaters | 4.06.2009 |
| G/TBT/N/TTO/63 | TRINIDAD AND TOBAGO | Household refrigerators and freezers | 4.06.2009 |
| G/TBT/N/TTO/64 | TRINIDAD AND TOBAGO | Electric fans | 4.06.2009 |
| G/TBT/N/TTO/65 | TRINIDAD AND TOBAGO | Microwave cooking appliances | 4.06.2009 |

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|---|---|---|---|
| G/TBT/N/TTO/66 | TRINIDAD AND TOBAGO | Fluorescent-lamp ballasts | 4.06.2009 |
| G/TBT/N/TTO/67 | TRINIDAD AND TOBAGO | Motor-operated household food preparing machines | 4.06.2009 |
| G/TBT/N/USA/468 | UNITED STATES | Fuels and fuel additives | 4.06.2009 |
| G/TBT/N/USA/469 | UNITED STATES | Potatoes | 4.06.2009 |
| G/TBT/N/COL/132 | COLOMBIA | Brake fluids, hoses, cylinder sleeves, rubber seals, friction material, drums, master cylinders, wheel cylinders and discs | 3.06.2009 |
| G/TBT/N/CRI/92 | COSTA RICA | Pharmaceutical products : natural medicines for human use | 3.06.2009 |
| G/TBT/N/SWE/98 | SWEDEN | The use of HCFC | 3.06.2009 |
| G/TBT/N/TTO/61 | TRINIDAD AND TOBAGO | Motor-Operated Appliances | 3.06.2009 |
| G/TBT/N/BHR/126 | BAHRAIN | Complementary Foods Based on Milk for Infants and Children "Follow up Formula" | 2.06.2009 |
| G/TBT/N/BHR/127 | BAHRAIN | Fruit Drink | 2.06.2009 |
| G/TBT/N/BHR/128 | BAHRAIN | Peaches | 2.06.2009 |
| G/TBT/N/BHR/129 | BAHRAIN | Tehena | 2.06.2009 |
| G/TBT/N/BHR/130 | BAHRAIN | Bouillons and Consommés | 2.06.2009 |
| G/TBT/N/ISR/314 | ISRAEL | Toys | 2.06.2009 |
| G/TBT/N/ISR/315 | ISRAEL | Single and combination taps | 2.06.2009 |
| G/TBT/N/ISR/316 | ISRAEL | Mechanical mixing tap with a single handle | 2.06.2009 |
| G/TBT/N/ISR/317 | ISRAEL | Shower roses | 2.06.2009 |
| G/TBT/N/ISR/318 | ISRAEL | Hinged lamination doors | 2.06.2009 |
| G/TBT/N/ISR/319 | ISRAEL | Gas-oil for diesel engines | 2.06.2009 |

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| G/TBT/N/KOR/217 | REPUBLIC OF KOREA | Pharmaceutical products | 2.06.2009 |

## WTO SEKRETARIAADILT SAABUNUD SPS TEATISED
### juuni 2009

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|---|---|---|---|---|
| G/SPS/N/TPKM/164 | THE SEPARATE CUSTOMS TERRITORY OF TAIWAN, PENGHU, KINMEN AND MATSU | All trading partners | Polycarbonate baby bottles | 30.06.2009 |
| G/SPS/N/KOR/333 | REPUBLIC OF KOREA | All trading partners | Food additives | 29.06.2009 |
| G/SPS/N/NZL/425 | NEW ZEALAND | All trading partners | Fish food and fish bait | 25.06.2009 |
| G/SPS/N/NZL/426 | NEW ZEALAND | China | Fresh onion (Allium cepa Liliaceae) bulbs | 25.06.2009 |
| G/SPS/N/THA/177 | THAILAND | All trading partners | Food additives | 25.06.2009 |
| G/SPS/N/ARG/127 | ARGENTINA | Chinese Taipei | Oncidium spp. and Phalaenopsis spp. plants | 24.06.2009 |
| G/SPS/N/USA/1932 | UNITED STATES | Hungary | Animals and animal products | 24.06.2009 |
| G/SPS/N/CAN/391 | CANADA | All trading partners | Pickles | 23.06.2009 |
| G/SPS/N/EEC/342 | EUROPEAN COMMUNITIES | All Member States and all third countries which have an EU approved Salmonella control programme for flocks of laying hens, being (on 1 June 2009) only Croatia | Table eggs | 23.06.2009 |
| G/SPS/N/KOR/332 | REPUBLIC OF KOREA | All trading partners | Health/functional foods | 23.06.2009 |
| G/SPS/N/NZL/424 | NEW ZEALAND | All trading partners | Specified processed bee products | 23.06.2009 |

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|---|---|---|---|---|
| G/SPS/N/ALB/120 | ALBANIA | China | Meat, unprocessed milk | 22.06.2009 |
| G/SPS/N/TPKM/163 | THE SEPARATE CUSTOMS TERRITORY OF TAIWAN, PENGHU, KINMEN AND MATSU | All trading partners | Pesticides - Residues - Abamectin, Boscalid, Cyprodinil, Cyromazine, De[...] ufenozide, and Trifloxystrobin | 22.06.2009 |
| G/SPS/N/KOR/331 | REPUBLIC OF KOREA | Apparatus, containers and packages for food products | Apparatus, containers and packages for food products | 17.06.2009 |
| G/SPS/N/MEX/216 | MEXICO | All trading partners | Notified Draft Emergency Standard establishes the specifications, criteria and procedures for reducing the risk of infection, disea[...]ath from vector borne diseases | 17.06.2009 |
| G/SPS/N/MEX/217 | MEXICO | All trading partners | Cereals and cereal and semolina flours and mixtures thereof; bakery products | 17.06.2009 |
| G/SPS/N/CRI/79 | COSTA RICA | All trading partners | Bovine animals and products thereof | 16.06.2009 |
| G/SPS/N/CRI/80 | COSTA RICA | All trading partners | Bovine animals and products thereof | 16.06.2009 |
| G/SPS/N/CRI/81 | COSTA RICA | All trading partners | Establishments with animal related activities and processes and end products of animal origin | 16.06.2009 |
| G/SPS/N/USA/1931 | UNITED STATES | Saxony, Germany | Animals and animal products | 16.06.2009 |
| G/SPS/N/KOR/329 | REPUBLIC OF KOREA | All trading partners | Food additives - Microcrystalline cellulose, guar gum, lecithin, locust bean gum, lysozyme, tagetes extract, beewax, ben [...]gacanth gum, oleoresin paprika | 15.06.2009 |

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| G/SPS/N/KOR/330 | REPUBLIC OF KOREA | All trading partners | Pesticides; Veterinary drugs; Drugs - Residues | 15.06.2009 |
| G/SPS/N/ARG/126 | ARGENTINA | All trading partners | Fish, molluscs and crustaceans (including eggs and gametes) | 12.06.2009 |
| G/SPS/N/CHL/304 | CHILE | All trading partners | Animals of the Procyonidae and Mustelidae families | 12.06.2009 |
| G/SPS/N/CHL/305 | CHILE | Panama | Fresh melons and watermelons | 12.06.2009 |
| G/SPS/N/JPN/230 | JAPAN | United States | Sweet cherry | 12.06.2009 |
| G/SPS/N/MKD/3 | FORMER YUGOSLAV REPUBLIC OF MACEDONIA | All trading partners | Live animals - Mammals, meat and edible meat offal, products of animal origin [...] meat, prepared animal fodder | 12.06.2009 |
| G/SPS/N/CHL/303 | CHILE | Bolivia | Sunflower seeds for consumption or processing | 11.06.2009 |
| G/SPS/N/CRI/75 | COSTA RICA | All trading partners | Fishery products | 11.06.2009 |
| G/SPS/N/CRI/76 | COSTA RICA | All trading partners | Live cattle | 11.06.2009 |
| G/SPS/N/CRI/77 | COSTA RICA | All trading partners | Citrus (Citrus spp.) propagation material and fruit | 11.06.2009 |
| G/SPS/N/CRI/78 | COSTA RICA | All trading partners | Fresh Cucurbitaceae for consumption | 11.06.2009 |
| G/SPS/N/NZL/422 | NEW ZEALAND | Australia, Canada, the European Union, the United States | Shelf-stable spray dried egg powders or crystals | 11.06.2009 |
| G/SPS/N/NZL/423 | NEW ZEALAND | All countries/ regions wishing to export raw milk products for human consumption to New Zealand | Raw milk products | 11.06.2009 |

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| G/SPS/N/PHL/154 | PHILIPPINES | The Netherlands | Meat of bovine animals | 9.06.2009 |
| G/SPS/N/PHL/155 | PHILIPPINES | Denmark | Meat of bovine animals | 9.06.2009 |
| G/SPS/N/CHN/116 | CHINA | Mexico and the United States (Texas and California) | Live swine and relative swine products | 5.06.2009 |
| G/SPS/N/CHN/117 | CHINA | United States (New York, Ohio and other states of the United States in which A/H1N1 occurred) | Live swine and relative swine products | 5.06.2009 |
| G/SPS/N/CHN/118 | CHINA | Canada (Alberta) | Live swine and relative swine products | 5.06.2009 |
| G/SPS/N/TPKM/162 | THE SEPARATE CUSTOMS TERRITORY OF TAIWAN, PENGHU, KINMEN AND MATSU | All trading partners | Plants or plant products | 5.06.2009 |
| G/SPS/N/ALB/117 | ALBANIA | China | Meat, unprocessed milk | 3.06.2009 |
| G/SPS/N/ALB/118 | ALBANIA | China | Live fowls (domestic and wild), fledglings (24 hour-old birds), decorative fowls (regardless of origin until[...]roducts originating from fowls | 3.06.2009 |
| G/SPS/N/ALB/119 | ALBANIA | United Arab Emirates | Meat, unprocessed milk | 3.06.2009 |
| G/SPS/N/BHR/48 | KINGDOM OF BAHRAIN | All trading partners | Peaches | 2.06.2009 |
| G/SPS/N/BHR/49 | KINGDOM OF BAHRAIN | All trading partners | Tehena | 2.06.2009 |

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|---|---|---|---|---|
| G/SPS/N/USA/1930 | UNITED STATES | All trading partners | Pesticides - Residues - Iodosulfuron- methyl-sodium, methyl 4-iodo-2-[3-(4- methoxy-6-methyl-1,3,5 triazin-2-yl) ureidosulfo[...] ulfonyl] benzoate, sodium salt | 2.06.2009 |

# UUED STANDARDID JA KAVANDID ARVAMUSKÜSITLUSEKS

EVS Teataja avaldab andmed uutest vastuvõetud Eesti standarditest ja avalikuks arvamusküsitluseks esitatud standardite kavanditest rahvusvahelise standardite klassifikaatori (ICS) järgi. Samas jaotises on toodud andmed nii eesti keeles avaldatud, kui ka jõustumisteatega Eesti standarditeks ingliskeelsetena vastuvõetud rahvusvahelistest ja Euroopa standarditest.
Eesmärgiga tagada standardite vastuvõtmine järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardite kavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (reeglina 2 kuud) on asjast huvitatuil võimalik tutvuda standardite kavanditega, esitada kommentaare ning teha ettepanekuid parandusteks.

Arvamusküsitlusele on esitatud:

1. Euroopa ja rahvusvahelised standardid ning standardikavandid, mis on kavas vastu võtta Eesti standarditeks jõustumisteatega. Kavandid on kättesaadavad reeglina inglise keeles EVS klienditeeninduses ning standardiosakonnas. EVS tehnilistel komiteedel on võimalik saada koopiaid oma käsitlusalaga kokkulangevatest standardite kavanditest EVS kontaktisiku kaudu.

2. Eesti algupäraste standardite kavandid, mis Eesti standardimisprogrammi järgi on jõudnud arvamusküsitluse etappi.

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

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

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

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

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

# ICS PÕHIRÜHMAD

## ICS Nimetus

01 Üldküsimused. 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. Juveelitooted
43 Maanteesõidukite ehitus
45 Raudteetehnika
47 Laevaehitus ja mereehitised
49 Lennundus ja kosmosetehnika
53 Tõste- ja teisaldusseadmed
55 Pakendamine ja kaupade jaotussüsteemid
59 Tekstiili- ja nahatehnoloogia
61 Rõivatööstus
65 Põllumajandus
67 Toiduainete tehnoloogia
71 Keemiline tehnoloogia
73 Mäendus ja maavarad
75 Nafta ja naftatehnoloogia
77 Metallurgia
79 Puidutehnoloogia
81 Klaasi- ja keraamikatööstus
83 Kummi- ja plastitööstus
85 Paberitehnoloogia
87 Värvide ja värvainete tööstus
91 Ehitusmaterjalid ja ehitus
93 Rajatised
95 Sõjatehnika
97 Olme. Meelelahutus. Sport
99 Muud

## 01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

### UUED STANDARDID JA PUBLIKATSIOONID

**EVS-EN 415-1:2000+A1:2009**

Hind 256,00

Identne EN 415-1:2000+A1:2009

**Pakkemasinate ohutus. Osa 1: Pakkemasinate ja tarvikute terminoloogia ja klassifikatsioon KONSOLIDEERITUD TEKST**

This European standard defines the field of packaging machines in detail in clause 3, but briefly these are: Filling and Dosing machines Closing machines Labelling, decorating and coding machines Cleaning, sterilising, cooling and drying machines Fill and seal machines Inspection machines Container and component handling machines Form, fill and seal machines Cartoning machines Wrapping machines Group or transit packaging machines Pallet or loading unit forming, dismantling and securing machines Annex A indicates where hazards and safety requirements for these machines can be found. In most cases this will be in one of the parts of EN415, but in some cases it may be another European or ISO standard. Where no specific standard covers a particular machine Annex A will indicate the most appropriate standard which can be referred to for advice.

Keel en

Asendab EVS-EN 415-1:2000

**EVS-EN 13888:2009**

Hind 124,00

Identne EN 13888:2009

**Grout for tiles - Requirements, evaluation of conformity, classification and designation**

This European Standard is applicable to ceramic tile grouts for internal and external tile installations on walls and floors. This standard gives the terminology concerning the products, working methods, application properties, etc., for ceramic tile grouts. This European Standard specifies the performance requirements for cementitious and reaction resin grouts for ceramic tiles. This European Standard does not contain criteria or recommendations for the design and installation of ceramic tiles.

Keel en

Asendab EVS-EN 13888:2002

**EVS-ISO 3864-1:2009**

Hind 166,00

ja identne ISO 3864-1:2002

**Graafilised sümbolid. Ohutusmärgid ja -värvid. Osa 1: Ohutusmärkide kavandamise põhimõtted. Töökohtadel ja avalikus ruumis kasutatavate ohutusmärkide kavandamise põhimõtted**

Standard kehtestab töökohtades ja avalikus ruumis õnnetuste ennetamiseks, tuleohutuse tagamiseks, terviseriskidest ja avarii¬evakuatsioonist informeerimiseks kasutatavad ohutust tagavad tunnusvärvid ja ohutusmärkide kavandamise põhimõtted. Standard kehtestab ka põhimõtted, mida rakendades koostatakse ohutusmärke sisaldavaid standardeid. Standardi ISO 3864 see osa on rakendatav töökohtadel ning kõigis valdkondades ja asukohtades, kus võivad tekkida ohutusega seotud küsimused. Siiski ei ole standard rakenduv signalisatsioonis, mida kasutatakse rööbas-, maantee-, jõe- ja meretranspordis, üldiselt öelduna neis valdkondades, mille regulatsioon võib erineda. MÄRKUS Mõnedes riikides võivad seadusega kehtestatud eeskirjad üksikutes aspektides erineda standardi 3864 selles osas määratutest.

Keel en

**EVS-ISO 7000:2009**

Hind 394,00

ja identne ISO 7000:2004

**Seadmetel kasutatavad graafilised sümbolid. Loetelu ja ülevaade**

Standard esitab ülevaate neist graafilistest sümbolitest, mida kantakse igat liiki seadmetele või seadmeosadele, et informeerida seadet kasutavat isikut/isikuid selle seadmega ümberkäimise kohta.

Keel en

### ASENDATUD VÕI TÜHISTATUD STANDARDID

**EVS JUHEND 1:1998**

ja identne EVS JUHEND 1:1998

**Juhend keskkonnaaspektide arvestamiseks tootestandardite väljatöötamisel**

Käesolev juhend käsitleb keskkonnamõjude arvestamist tootestandardites.

Keel et,en

**EVS-EN 415-1:2000**

Identne EN 415-1:2000

**Pakkemasinate ohutus. Osa 1: Pakkemasinate ja tarvikute terminoloogia ja klassifikatsioon**

This European standard defines the field of packaging machines in detail in clause 3, but briefly these are: filling and dosing machines; closing machines; labelling, decorating and coding machines; fill and seal machines; inspection machines; container and componenthandling machines; form, fill and seal machines; cartoning machines; wrapping machines; group of transit packaging machines; pallet or loading unit forming, dismantling and securing machines.

Keel en

Asendatud EVS-EN 415-1:2000+A1:2009

**EVS-EN 13888:2002**

Identne EN 13888:2002

**Grouts for tiles - Definitions and specifications**

This European Standard applies to all ceramic tile grouts for internal and external tile installations on walls and floors. This standard gives the terminology concerning the products, working methods, application properties, etc., for ceramic tile grouts.

Keel en

Asendatud EVS-EN 13888:2009

**KAVANDITE ARVAMUSKÜSITLUS**

**prEN 15947-1**

Identne prEN 15947-1:2009

Tähtaeg 29.08.2009

**Pyrotechnic articles - Fireworks, Categories 1, 2, and 3 - Part 1: Terminology**

This European Standard defines various terms relating to the design, construction, primary packaging and testing of fireworks of category 1, 2 and 3.

Keel en

Asendab EVS-EN 14035-1:2003

**prEN ISO 15223-1**

Identne prEN ISO 15223-1:2009

ja identne ISO/DIS 15223-1:2009

Tähtaeg 29.08.2009

**Medical devices - Symbols to be used with medical device labels, labelling and information to be supplied - Part 1: General requirements**

This International Standard identifies requirements for symbols used in medical device labelling that may convey information on the safe and effective use of medical devices. It also lists symbols that satisfy the requirements of this standard. ISO 15223-1 is applicable to symbols used in a broad spectrum of medical devices that are marketed globally and need to meet different regulatory requirements. These symbols may be used on the medical device itself or its package or in the associated documentation. The requirements of ISO 15223-1 are not intended to apply to symbols specified in other standards.

Keel en

Asendab EVS-EN 980:2008

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

**KAVANDITE ARVAMUSKÜSITLUS**

**FprEN 14434**

Identne FprEN 14434:2009

Tähtaeg 29.08.2009

**Haridusasutuste kirjutustahvlid. Ergonoomilised, tehnilised ja ohutusnõuded ning katsemeetodid**

This document specifies ergonomic, technical and safety requirements for wall mounted and free-standing writing boards for use in rooms for educational and training purposes, e.g. classrooms, lecture theatres for schools, universities etc. It is intended to prevent serious injury through normal functional use, as well as misuse that might reasonably be expected to occur. This document applies to units after installation. Safety depending on the structure of the building is not included, e.g. the strength of wall mounted boards includes only the board and its parts. The wall and the wall attachment are not included. Requirements concerning electrical safety are not included. Annex A (normative) includes an assessment scale for the ability to write and erase. Annex B (informative) includes terminology for display writing boards. Annex C (informative) includes significant technical differences between this document and EN 14434:2004.

Keel en

Asendab EVS-EN 14434:2005/AC:2008; EVS-EN 14434:2005

**prEN 15964**

Identne prEN 15964:2009

Tähtaeg 29.08.2009

**Breath alcohol test devices other than single use devices - Requirements and test methods**

This European standard applies to breath alcohol test devices which measure the concentration of alcohol contained in an exhaled breath sample intended to be used for screening or preliminary testing. This standard specifies requirements for basic safety and performance, test methods and requirements for marking, labelling and operating instructions. This standard gives guidelines for type approval procedure consisting of a number of technical performance tests, but excluding in vivo tests, that are carried out on devices supplied by the manufacturers. In vivo tests, which are designed to test the ability of the device to work with real subjects, may be arranged in compliance with national requirements. This standard is not applicable to devices covered by OIML R126:1998 or single use testers. Devices are designed for law enforcement.

Keel en

**prEVS 18002**

Identne OHSAS 18002:2008

Tähtaeg 29.08.2009

**Töötervishoiu ja tööohutuse juhtimissüsteemid. EVS 18001:2007 rakendusjuhised**

Standard annab juhised töötervishoiu ja tööohutuse (TTO) juhtimissüsteemi sisseseadmiseks, elluviimiseks, toimivana hoidmiseks ja parendamiseks ning seostamiseks teiste juhtimissüsteemidega. Standardis sisalduvad juhtnöörid on kohaldatavad mistahes organisatsioonile olenemata selle suurusest, tüübist, asukohast või küpsustasemest. TTO juhtimissüsteemi sisseseadmine võimaldab organisatsioonidel ohjata enda TTO riske ja parendada TTO-alase tegevuse toimivust. Sellega seonduvalt avaldab see tugevat positiivset mõju töötajate tervishoiu ja tööohutuse ning ka ettevõtete majandusliku seisundi tagamisel.

Keel et

## 11 TERVISEHOOLDUS

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 285:2006+A2:2009**

Hind 315,00

Identne EN 285:2006+A2:2009

**Steriliseerimine. Aursterilisaatorid. Suured sterilisaatorid KONSOLIDEERITUD TEKST**

his European Standard specifies requirements and the relevant tests for large steam sterilizers primarily used in health care for the sterilization of medical devices and their accessories contained in one or more sterilization modules. The test loads described in this European Standard are selected to represent the majority of loads (i.e. wrapped goods consisting of metal, rubber and porous materials) for the evaluation of general purpose steam sterilizer for medical devices. However, specific loads (e.g. heavy metal objects or long and/or narrow lumen) will require the use of other test loads.

Keel en

Asendab EVS-EN 285:2006+A1:2008

**EVS-EN 1422:1999+A1:2009**

Hind 256,00

Identne EN 1422:1997+A1:2009

**Sterilisaatorid meditsiiniliseks otstarbeks. Etüleenoksiidsterilisaatorid. Nõuded ja katsemeetodid KONSOLIDEERITUD TEKST**

This European standard specifies the minimum performance requirements and test methods of two types of sterilizers employing ethylene oxide gas as the sterilant, either as a pure gas or in admixture with other gases (whether supplied ready mixed or mixed at the point of use) in a temporarily sealed chamber. These sterilizers are intended to be used for medical, dental, pharmaceutical, veterinary and industrial or related purposes. The two types of sterilizers have been designated Type A and Type B respectively using the following criteria: - Type A sterilizers are capable of being programmed by the user; - Type B sterilizers are of limited size and provided with one or more pre-set operating cycles which cannot be varied by the user.

Keel en

Asendab EVS-EN 1422:1999

**EVS-EN 12006-2:1999+A1:2009**

Hind 124,00

Identne EN 12006-2:1998+A1:2009

**Mitteaktiivsed kirurgilised implantaadid. Erinõuded südame- ja soonteimplantaatidele.Osa 2: Soonteproteesid, k.a südameklapi suistikud KONSOLIDEERITUD TEKST**

This standard describes specific requirements for vascular prostheses, including cardiac valve conduits, of synthetic or biological origin intended to replace, to reconstruct, to bypass or to form shunts between segments of the cardio-vascular system in humans.

Keel en

Asendab EVS-EN 12006-2:1999

**EVS-EN 12006-3:1999+A1:2009**

Hind 124,00

Identne EN 12006-3:1998+A1:2009

**Mitteaktiivsed kirurgilised implantaadid. Erinõuded südame- ja soonteimplantaatidele. Osa 3: Soonesisesed vahendid KONSOLIDEERITUD TEKST**

This European Standard specifies particular requirements for endovascular devices. With regard to safety, this standard gives in addition to EN ISO 14630, requirements for intended performance, design attributes, materials, design evaluation, manufacturing, sterilization, packaging and information supplied by the manufacturer.

Keel en

Asendab EVS-EN 12006-3:1999

**EVS-EN 13060:2004+A1:2009**

Hind 271,00

Identne EN 13060:2004+A1:2009

**Väikesemahulised aurusterilisaatorid KONSOLIDEERITUD TEKST**

This European Standard specifies the performance requirements and test methods for small steam sterilizers and sterilization cycles which are used for medical purposes or for materials that are likely to come into contact with blood or body fluids. This European Standard applies to automatically controlled small steam sterilizers that generate steam using electrical heaters or use steam that is generated by a system external to the sterilizer. This European Standard applies to small steam sterilizers used primarily for the sterilization of medical devices and unable to accommodate a sterilization module (300 mm × 300 mm × 600 mm) and with a chamber volume not exceeding 60 litres.

Keel en

Asendab EVS-EN 13060:2004

**EVS-EN 14180:2003+A1:2009**

Hind 256,00

Identne EN 14180:2003+A1:2009

**Meditsiinilised steriliseerijad. Madaltemperatuuriga auru ja formaldehüüdi kasutavad steriliseerijad. Nõuded ja katsetamine KONSOLIDEERITUD TEKST**

This European Standard specifies requirements and tests for LTSF sterilizers, which use a mixture of low temperature steam and formaldehyde as sterilizing agent, and which are working below ambient pressure only. These sterilizers are primarily used for the sterilization of heat labile medical devices in health care facilities. This European Standard specifies minimum requirements: - for the performance and design of sterilizers to ensure that the process is capable of sterilizing medical devices; - for the equipment and controls of these sterilizers necessary for the validation and routine control of the sterilization processes.

Keel en

Asendatud EVS-EN 14180:2003

## ASENDATUD VÕI TÜHISTATUD STANDARDID

**EVS-EN 285:2006+A1:2008**

Identne EN 285:2006+A1:2008

**Steriliseerimine. Aursterilisaatorid. Suured sterilisaatorid KONSOLIDEERITUD TEKST**

1.1 This European Standard specifies requirements and the relevant tests for large steam sterilizers primarily used in health care for the sterilization of medical devices and their accessories contained in one or more sterilization modules. The test loads described in this European Standard are selected to represent the majority of loads (i.e. wrapped goods consisting of metal, rubber and porous materials) for the evaluation of general purpose steam sterilizer for medical devices. However, specific loads (e.g. heavy metal objects or long and/or narrow lumen) will require the use of other test loads. Large steam sterilizers can also be used during the commercial production of medical devices. 1.2 This European Standard is not applicable to steam sterilizers designed to process a size of load less than one sterilization module or having a chamber volume less than 60 l. 1.3 This European Standard does not describe a quality assurance system for the control of all stages of the manufacture of the sterilizer. NOTE Attention is drawn to the standards for quality management systems e.g. EN ISO 13485. 1.4 Planning and design of products applying to this European Standard should consider the environmental impact from the product during its life cycle. Environmental aspects are addressed in Annex A. NOTE Additional aspects of environmental impact are addressed in EN ISO 14971.

Keel en

Asendab EVS-EN 285:2006

Asendatud EVS-EN 285:2006+A2:2009

**EVS-EN 12006-2:1999**

Identne EN 12006-2:1998

**Mitteaktiivsed kirurgilised implantaadid. Erinõuded südame- ja soonteimplantaatidele.Osa 2: Soonteproteesid, k.a südameklapi suistikud**

Käesolev standard kirjeldab nõudeid sünteetilise või bioloogilise päritoluga vaskulaarsetele ehk soonteproteesidele, k.a. südameklapisuistikud, mis on ette nähtud inimestel südame-veresoonkonna süsteemis ühendusteede asendamiseks, taastamiseks, möödavoolutee või untide moodustamiseks. Käesolev standard ei kehti inimese enda kudedest pärit transplantaatide (autotransplantaatide) kohta.

Keel en

Asendatud EVS-EN 12006-2:1999+A1:2009

**EVS-EN 12006-3:1999**

Identne EN 12006-3:1998

**Mitteaktiivsed kirurgilised implantaadid. Erinõuded südame- ja soonteimplantaatidele. Osa 3: Soonesisesed vahendid**

Käesolev standard esitab erinõuded endovaskulaarsetele ehk soonesisestele vahenditele.

Keel en

Asendatud EVS-EN 12006-3:1999+A1:2009

**EVS-EN 13060:2004**

Identne EN 13060:2004

**Väikesemahulised aurusterilisaatorid**

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

Keel en

Asendatud EVS-EN 13060:2004+A1:2009

**EVS-EN 14180:2003**

Identne EN 14180:2003

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

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

Keel en

Asendatud EVS-EN 14180:2003+A1:2009

## KAVANDITE ARVAMUSKÜSITLUS

**EN 13867:2002+A1**

Identne EN 13867:2002+A1:2009

Tähtaeg 29.08.2009

**Vere dialüüsi ja sellega seotud ravi kontsentraadid**

This European Standard specifies requirements for dry and liquid concentrates to be diluted for use as dialysing fluids in haemodialysis or related therapies. It addresses chemical and microbiological quality and purity, handling and labelling of concentrates, the requirements for containers and the tests to monitor chemical and microbiological contents and quality of such concentrates. This European standard does not address the final mixing and use of these concentrates or the treated water used in connection with haemodialysis and related therapies. This European standard does not apply to dialysing fluid regeneration systems.

Keel en

Asendab EVS-EN 13867:2002

**EN ISO 10993-4**

Identne EN ISO 10993-4:2009

ja identne ISO 10993-4:2002 + Amd 1:2006

Tähtaeg 29.08.2009

**Meditsiinivahendite bioloogiline hindamine. Osa 4: Vastasmõjude hindamiseks läbiviidavad valikkatsed verega**

This part of ISO 10993 provides general requirements for evaluating the interactions of medical devices with blood. It describes a) a classification of medical and dental devices that are intended for use in contact with blood, based on the intended use and duration of contact as defined in ISO 10993-1, b) the fundamental principles governing the evaluation of the interaction of devices with blood, c) the rationale for structured selection of tests according to specific categories, together with the principles and scientific basis of these tests. Detailed requirements for testing cannot be specified because of limitations in the knowledge and precision of tests for interactions of devices with blood. This part of ISO 10993 describes biological evaluation in general terms and may not necessarily provide sufficient guidance for test methods for a specific device.

Keel en

Asendab EVS-EN ISO 10993-4:2003; EVS-EN ISO 10993-4:2003/A1:2006

**prEN 12182**

Identne prEN 12182:2009

Tähtaeg 29.08.2009

**Assistive products for persons with disability - General requirements and test methods**

This European Standard specifies general requirements and test methods for assistive products for persons with disabilities, which are intended by the manufacturer to be medical devices for the purposes of EU Directive 93/42/EEC, as amended by 2007/47/EC. This standard does not apply to assistive products which achieve their intended purpose by administering pharmaceutical substances to the user. Where other European Standards exist for particular types of assistive products then those standards apply. However, some of the requirements of this standard may still apply and may be considered in those other European standards.

Keel en

Asendab EVS-EN 12182:2000

**prEN ISO 4074**

Identne prEN ISO 4074:2009

ja identne ISO/DIS 4074:2009

Tähtaeg 29.08.2009

**Looduslikust latekskummist kondoomid. Nõuded ja katsemeetodid**

This International Standard specifies the minimum requirements and the test methods to be used for male condoms made from natural rubber latex which are supplied to consumers for contraceptive purposes and to assist in the prevention of sexually transmitted infections.

Keel en

Asendab EVS-EN ISO 4074:2002; EVS-EN ISO 4074:2002/AC:2008

**prEN ISO 11137-2**

Identne prEN ISO 11137-2:2009

ja identne ISO/DIS 11137-2:2009

Tähtaeg 29.08.2009

**Tervishoiutoodete steriliseerimine. Kiirgus. Osa 2: Steriliseerimisdoosi määramine**

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

Keel en

**prEN ISO 15223-1**

Identne prEN ISO 15223-1:2009

ja identne ISO/DIS 15223-1:2009

Tähtaeg 29.08.2009

**Medical devices - Symbols to be used with medical device labels, labelling and information to be supplied - Part 1: General requirements**

This International Standard identifies requirements for symbols used in medical device labelling that may convey information on the safe and effective use of medical devices. It also lists symbols that satisfy the requirements of this standard. ISO 15223-1 is applicable to symbols used in a broad spectrum of medical devices that are marketed globally and need to meet different regulatory requirements. These symbols may be used on the medical device itself or its package or in the associated documentation. The requirements of ISO 15223-1 are not intended to apply to symbols specified in other standards.

Keel en

Asendab EVS-EN 980:2008

**prEN ISO 24502**

Identne prEN ISO 24502:2009

ja identne ISO/DIS 24502:2009

Tähtaeg 29.08.2009

**Ergonomics - Accessible design - Specification of age-related relative luminance in visual signs and displays**

This international standard specifies age-related luminance contrast of any two lights of different colour seen by a person at any age by taking into account the age-related change of spectral luminous efficiency of the eye. This international standard provides a basic method that is applied to the design of visual signs and displays. It applies to lights seen under moderately bright visual environment called photopic vision and whose spectral radiance is known or measurable. It does not apply to lights seen under darker environment called mesopic or scotopic vision. This international standard specifies the luminance contrast for people ranged in age from 10 to 70 years old who have had no medical treatment or surgery on their eyes that may affect their spectral luminous efficiency. This international standard does not apply to visual signs and displays seen by people with colour defects whose spectral luminaous efficiency is different from those with normal colour vision.

Keel en

**prEN ISO 24503**

Identne prEN ISO 24503:2009

ja identne ISO/DIS 24503:2009

Tähtaeg 29.08.2009

**Ergonomics - Accessible design - Using tactile dots and bars on consumer products**

This international standard specifies requirements for the design of tactile dots and tactile bars for use on consumer products to improve accessibility for all people, including older persons and persons with disabilities. This international standard is applicable to consumer products used by people with visual disabilities and in cases where visual information is not the primary sense used for accomplishing the task. Other alternative tactile methods, such as texture and vibration, and other tactile symbols, such as triangles and squares, are not covered in this standard.

Keel en

**prEN ISO 80369-1**

Identne prEN ISO 80369-1:2009

ja identne ISO/DIS 80369-1:2009

Tähtaeg 29.08.2009

**Väikese läbimõõduga ühendusliitmikud vedeliku ja gaasiga töötavatele meditsiiniseadmetele. Osa 1: Üldnõuded**

This part of the series of International Standards specifies general requirements, by application, for small-bore connectors used in medical devices and accessories that contain or convey liquids or gases to or from a patient. These applications include, but are not limited to connections for breathing systems and driving gases, and enteral, urethral and urinary limb cuff inflation and neuraxial devices. Small-bore connectors as specified in this International Standards are non-interconnectable with: - the cones and sockets of ISO 5356-1:2004 and ISO 5356-2:2006; and - the nipples of EN 13544-2:2002.

Keel en

Asendab EVS-EN 15546-1:2008

**prEN ISO 80601-2-61**

Identne prEN ISO 80601-2-61:2009

ja identne ISO/DIS 80601-2-61:2009

Tähtaeg 29.08.2009

**Elektrilised meditsiiniseadmed. Erinõuded meditsiiniotstarbelise pulssoksümeetri esmasele ohutusele ja olulistele toimimisnäitajatele. Osa 2-61**

This International Standard applies to the basic safety and essential performance of pulse oximeter equipment intended for use on humans, hereafter referred to as me equipment. This includes any part necessary for normal use, including the pulse oximeter monitor, pulse oximeter probe, and probe cable extender. These requirements also apply to pulse oximeter equipment, including pulse oximeter monitors, pulse oximeter probes and probe cable extenders, which have been reprocessed. The intended use of pulse oximeter equipment includes, but is not limited to, the estimation of arterial oxygen haemoglobin saturation and pulse rate of patients in professional healthcare institutions as well as patients in the home healthcare environment.

Keel en

Asendab EVS-EN ISO 9919:2006

## 13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 149:2003+A1:2009**

Hind 229,00

Identne EN 149:2001+A1:2009

**Hingamisteede kaitsevahendid. Lenduvate osakeste eest kaitsvad filtreerivad poolmaskid. Nõuded, katsetamine, märgistus KONSOLIDEERITUD TEXT**

This European Standard specifies minimum requirements for filtering half masks as respiratory protective devices to protect against particles except for escape purposes. Laboratory and practical performance tests are included for the assessment of compliance with the requirements.

Keel en

Asendab EVS-EN 149:2003

**EVS-EN 405:2002+A1:2009**

Hind 229,00

Identne EN 405:2001+A1:2009

**Hingamisteede kaitsevahendid. Ventiiliga filtreerivad poolmaskid gaaside või gaaside ja tahkete osakeste eest kaitsmiseks. Nõuded, katsetamine ja märgistus KONSOLIDEERITUD TEKST**

This European Standard specifies the performance requirements, test methods and marking requirements for valved filtering half masks incorporating either gas or combined filters as respiratory protective devices except for escape purposes. It does not cover gas filtering half masks which do not have valves or are fitted only with exhalation valves. It does not cover devices designed for use in circumstances where there is or might be an oxygen deficiency (oxygen less than a volume fraction of 17 %). Laboratory and practical performance tests are included for the assessment of compliance with the requirements.

Keel en

Asendab EVS-EN 405:2002

**EVS-EN 659:2003+A1:2008/AC:2009**

Hind 0,00

Identne EN 659:2003+A1:2008/AC:2009

**Tuletõrjujate kaitsekindad**

Keel en

**EVS-EN 13034:2005+A1:2009**

Hind 124,00

Identne EN 13034:2005+A1:2009

**Kaitseriietus kaitsmiseks vedelate kemikaalide eest. Vedelate kemikaalide eest piiratud kaitset pakkuvatele kemikaalide eest kaitsvale riietusele esitatavad toimimisnõuded (Tüüp 6 ja Tüüp PB [6] vahendid) KONSOLIDEERITUD TEKST**

This document specifies the minimum requirements for limited use and re-useable limited performance chemical protective clothing. Limited performance chemical protective clothing is intended for use in cases of a potential exposure to a light spray, liquid aerosols or low pressure, low volume splashes, against which a complete liquid permeation barrier (at the molecular level) is not required. This document covers both chemical protective suits (Type 6) and partial body protection (Type PB [6]). Chemical protective suits (Type 6) cover and protect at least the trunk and the limbs, e.g. one-piece coveralls or two piece suits, with or without hood, boot-socks or boot-covers. This document specifies minimum requirements for the connections between different parts of Type 6 suits by the use of a reduced whole suit spray test using a variant of !EN ISO 17491-4", as described in 5.2. Partial body protection of similar limited performance (Type PB [6]) covers and protects only specific parts of the body, e.g. coats, aprons, sleeves etc. They should not be tested to the whole suit test (5.2).

Keel en

Asendab EVS-EN 13034:2005

**EVS-EN 13565-2:2009**

Hind 243,00

Identne EN 13565-2:2009

**Fixed firefighting systems - Foam systems - Part 2: Design, construction and maintenance**

This European Standard specifies the requirements and describes the methods for design, installation, testing and maintenance of low, medium, and high expansion foam fire extinguishing systems. This European Standard provides guidance for the design of various foam systems available to persons with knowledge and experience in determining the selection of foam fire extinguishing systems which will be effective in protecting specific hazard configurations. This European Standard does not cover a risk analysis carried out by a competent person. Nothing in this European Standard is intended to restrict new technologies or alternative arrangements, provided that the level of safety prescribed in this standard is not lowered, and supported by documented evidence/test reports.

Keel en

**EVS-EN 14605:2005+A1:2009**

Hind 114,00

Identne EN 14605:2005+A1:2009

**Kaitseriietus kaitsmiseks vedelate kemikaalide eest. Vedelikukindlate (tüüp 3) või pritsmekindlate (tüüp 4) ühendustega riietusele, kaasa arvatud üksnes erinevaid kehaosi kaitsvad esemed, esitatavad toimimisnõuded (Tüübid PB [3] ja PB [4]) KONSOLIDEERITUD TEKST**

This document specifies the minimum requirements for the following types of limited use and reusable chemical protective clothing: - Full-body protective clothing with liquid-tight connections between different parts of the clothing (Type 3: liquid-tight clothing) and, if applicable, with liquid-tight connections to component parts, such as hoods, gloves, boots, visors or respiratory protective equipment, which may be specified in other European Standards. Examples of such clothing are one-piece coveralls or two-piece suits, with or without hood or visors, with or without boot-socks or over-boots, with or without gloves; - Full-body protective clothing with spray-tight connections between different parts of the clothing (Type 4: spray-tight clothing) and, if applicable, spray-tight connections to component parts, such as hoods, gloves, boots, visors or respiratory protective equipment, which may be specified in other European Standards. Examples of such clothing are one-piece coveralls or two-piece suits, with or without hood or visors, with or without boot-socks or over-boots, with or without gloves; - Partial body protection garments offering protection to specific parts of the body against permeation of chemical liquids. Examples of such garments are e.g. laboratory coats, jackets, trousers, aprons, sleeves, hoods (not air-supplied) etc. As partial body protection leaves some parts of the body unprotected this document specifies only the performance requirements for the clothing material and the seams.

Keel en

Asendab EVS-EN 14605:2005

**EVS-EN 15659:2009**

Hind 124,00

Identne EN 15659:2009

**Secure storage units - Classification and methods of test forresistance to fire - Light fire storage units**

This European Standard specifies requirements for light fire storage units providing protection against fire. The method of test is specified to determine the ability of light fire storage units to protect paper media from the effects of fire. Two levels of fire exposure periods (LFS 30 P and LFS 60 P) are specified using the maximum temperature increase permitted within the storage space of the light fire storage unit. Requirements are also specified for the test specimen, the technical documentation for the test specimen, correlation of the test specimen with the technical documentation, preparation for type testing and test procedures. A scheme to classify the light fire storage units from the test results is also given (see Table 1).

Keel en

**EVS-EN 50436-1:2005/AC:2009**

Hind 0,00

Identne EN 50436-1:2005/Corr:2009

**Alcohol interlocks - Test methods and performance requirements - Part 1: Instruments for drink-driving-offender programs**

Keel en

**EVS-EN 50436-2:2008/AC:2009**

Hind 0,00

Identne EN 50436-2:2007/Corr:2009

**Alcohol interlocks - Test methods and performance requirements -- Part 2: Instruments having a mouthpiece and measuring breath alcohol for general preventive use**

Keel en

**EVS-EN 62137-1-5:2009**

Hind 178,00

Identne EN 62137-1-5:2009

ja identne IEC 62137-1-5:2009

**Surface mounting technology - Environmental and endurance test methods for surface mount solder joints -- Part 1-5: Mechanical shear fatigue test**

The test method described in this part of IEC 62137 applies to area array packages, such as BGA. This test method is designed to evaluate the fatigue life of the solder joints between component leads and lands on a substrate as shown in Figure 1. A temperature cyclic approach is generally used to evaluate the reliability of solder joints. Another method is to mechanically cycle the solder joints to shorten the testing time rather than to produce the strains by changing temperatures. The methodology is the imposition of shear deformation on the solder joints by mechanical displacement instead of relative displacement generated by CTE (coefficient of thermal expansion) mismatch, as shown in Figure 2. In place of the temperature cycle test, the mechanical shear fatigue predicts the reliability of the solder joints under repeated temperature change conditions by mechanically cycling the solder joints. In this test method, the evaluation requires first to mount the surface mount component on the substrate by reflow soldering, then cyclic mechanical shear deformation is applied to the solder joints until fracture of the solder joints occurs. The properties of the solder joints (for example solder alloy, substrate, mounted device or design, etc.) are evaluated to assist in improving the strength of the solder joints.

Keel en

**EVS-EN ISO 7096:2008/AC:2009**

Hind 0,00

Identne EN ISO 7096:2008/AC:2009

**Mullatöömasinad. Operaatori istme vibratsiooni laboratoorne hindamine**

Keel en

**EVS-EN ISO 21427-2:2009/AC:2009**

Hind 0,00

Identne EN ISO 21427-2:2009/AC:2009

ja identne ISO 21427-2:2006/Cor 1:2009

**Water quality - Evaluation of genotoxicity by measurement of the induction of micronuclei - Part 2: Mixed population method using the cell line V79**

Keel en

**ASENDATUD VÕI TÜHISTATUD STANDARDID**

**EVS JUHEND 1:1998**

ja identne EVS JUHEND 1:1998

**Juhend keskkonnaaspektide arvestamiseks tootestandardite väljatöötamisel**

Käesolev juhend käsitleb keskkonnamõjude arvestamist tootestandardites.

Keel et,en

**EVS-EN 149:2003**

Identne EN 149:2001+AC:2002

**Hingamisteede kaitsevahendid. Lenduvate osakeste eest kaitsvad filtreerivad poolmaskid. Nõuded, katsetamine, märgistus**

Standard sätestab miinimumnõuded filtreerivatele poolmaskidele, mida kasutatakse hingamisteede kaitsmiseks osakeste eest erinevates olukordades, hädaolukorras väljapääsemine välja arvatud.

Keel et

Asendatud EVS-EN 149:2003+A1:2009

**EVS-EN 405:2002**

Identne EN 405:2001

**Hingamisteede kaitsevahendid. Ventiiliga filtreerivad poolmaskid gaaside või gaaside ja tahkete osakeste eest kaitsmiseks. Nõuded, katsetamine ja märgistus**

Standard määrab kindlaks töökarakteristikud, testimismeetodid ja märgistusnõuded hingamisteede kaitsevahenditena kasutatavatele, ventiiliga, filtreerivatele poolmaskidele, millel on kas gaasifilter või kombineeritud filter. Enesepäästmiseks kasutatavaid vahendeid pole hõlmatud. Standard ei hõlma gaasi filtreerivaid ventiilideta poolmaske, mis on varustatud ainult väljahingamisventiilidega. Standa rd ei hõlma vahendeid, mis on ette nähtud kasutamiseks tingimustes, kus esineb või võib esineda hapnikuvaegus (hapnikku vähem kui 17 mahuprotsenti).

Keel en

Asendab EVS-EN 405:1999

Asendatud EVS-EN 405:2002+A1:2009

**EVS-EN 1846-2:2002+A3:2009**

Identne EN 1846-2:2001+A3:2009

**Tuletõrje- ja päästeteenistuse sõidukid. Osa 2: Üldnõuded. Ohutus ja jõudlus KONSOLIDEERITUD TEKST**

This part of this European Standard specifies the minimum requirements for safety and performance of firefighting and rescue service vehicles as designated in EN 1846-1:1998. NOTE 1 Categories and mass classes of these vehicles are given in EN 1846-1:1998. Firefighting and rescue service vehicles normally use a commercial chassis-cab or vehicle. A special chassis may be used for specialised vehicles to meet particular requirements. NOTE 2 Both chassis and vehicle are considered to be standard commercially available items when the manufacturer proposes them for sale in all their standard or special versions, on the basis of catalogues distributed via its commercial network, including chassis and vehicles that are manufactured solely for fire service use.

Keel en

Asendab EVS-EN 1846-2:2002; EVS-EN 1846-2:2002/A1:2005; EVS-EN 1846-2:2002/A2:2006; EVS-EN 1846-2:2002/AC:2007; EVS-EN 1846-2:2002/A1:2005/AC:2007

**EVS-EN 13034:2005**

Identne EN 13034:2005

**Kaitseriietus kaitsmiseks vedelate kemikaalide eest. Vedelate kemikaalide eest piiratud kaitset pakkuvatele kemikaalide eest kaitsvale riietusele esitatavad toimimisnõuded (Tüüp 6 ja Tüüp PB [6] vahendid)**

This document specifies the minimum requirements for limited use and re-useable limited performance chemical protective clothing. Limited performance chemical protective clothing is intended for use in cases of a potential exposure to a light spray, liquid aerosols or low pressure, low volume splashes, against which a complete liquid permeation barrier (at the molecular level) is not required.

Keel en

Asendatud EVS-EN 13034:2005+A1:2009

**EVS-EN 14605:2005**

Identne EN 14605:2005

**Kaitseriietus kaitsmiseks vedelate kemikaalide eest. Vedelikukindlate (tüüp 3) või pritsmekindlate (tüüp 4) ühendustega riietusele, kaasa arvatud üksnes erinevaid kehaosi kaitsvad esemed, esitatavad toimimisnõuded (Tüübid PB [3] ja PB [4])**

This European Standard specifies the minimum requirements for the following types of limited use and reusable chemical protective clothing: clothing with liquid-tight connections between different parts of the clothing (type 3: liquid-tight clothing) and, if applicable, with liquid-tight connections to component parts, such as hoods, gloves, boots, visors or respiratory protective equipment, which may be specified in other European Standards. Such garments are full-body protective clothing, such as one-piece coveralls or two-piece suits, with or without hood or visors, with or without boot-socks or overbooties, with or without gloves

Keel en

Asendab EVS-EN 465:1999; EVS-EN 466:1999; EVS-EN 467:1999

Asendatud EVS-EN 14605:2005+A1:2009

**KAVANDITE ARVAMUSKÜSITLUS**

**EN 15182-1:2007/FprA1**

Identne EN 15182-1:2007/FprA1:2009

Tähtaeg 29.08.2009

**Hand-held branchpipes for fire service use - Part 1: Common requirements**

This part of this European Standard applies to hand-held branchpipes. It deals with: - performance requirements; - test methods;- classification and designation; - instructions for use and maintenance; - marking.

Keel en

**EN 15182-3:2007/FprA1**

Identne EN 15182-3:2007/FprA1:2009

Tähtaeg 29.08.2009

**Hand-held branchpipes for fire service use - Part 3: Smooth bore jet and/or one fixed spray jet angle branchpipes PN 16**

In addition to the requirements given in EN 15182-1, this part of this European Standard applies to hand-held branchpipes with smooth bore jet and/or one fixed spray jet angle branchpipes PN 16, with a maximum flow rate of 1 000 l/min at a reference pressure of 6 bar (0,6 MPa). It deals with: - safety requirements; - performance requirements; - test methods; - classification and designation; - information for use; - marking and maintenance. This part of this European Standard applies to branchpipes as defined in Annex A of EN 15182-1:2007.

Keel en

**EN 15182-4:2007/FprA1**

Identne EN 15182-4:2007/FprA1:2009

Tähtaeg 29.08.2009

**Hand-held branchpipes for fire service use - Part 4: High pressure branchpipes PN 40**

In addition to the requirements given in EN 15182-1, this document applies to hand-held high pressure branchpipes (nozzles) PN 40 with a maximum flow rate of 200 l/min at a reference pressure of 6 bar (0,6MPa). It deals with: - safety requirements; - performance requirements; - test methods; - classification and designation; - operating instructions; - marking and maintenance. This part of this European Standard applies to branchpipes as defined in Annex A of EN 15182-1:2007.

Keel en

**FprEN 14434**

Identne FprEN 14434:2009

Tähtaeg 29.08.2009

**Haridusasutuste kirjutustahvlid. Ergonoomilised, tehnilised ja ohutusnõuded ning katsemeetodid**

This document specifies ergonomic, technical and safety requirements for wall mounted and free-standing writing boards for use in rooms for educational and training purposes, e.g. classrooms, lecture theatres for schools, universities etc. It is intended to prevent serious injury through normal functional use, as well as misuse that might reasonably be expected to occur. This document applies to units after installation. Safety depending on the structure of the building is not included, e.g. the strength of wall mounted boards includes only the board and its parts. The wall and the wall attachment are not included. Requirements concerning electrical safety are not included. Annex A (normative) includes an assessment scale for the ability to write and erase. Annex B (informative) includes terminology for display writing boards. Annex C (informative) includes significant technical differences between this document and EN 14434:2004.

Keel en

Asendab EVS-EN 14434:2005/AC:2008; EVS-EN 14434:2005

**FprEN 50519/FprAA**

Identne FprEN 50519:2009/FprAA:2009

Tähtaeg 29.08.2009

**Assessment of workers' exposure to electric and magnetic fields of industrial induction heating equipment**

This European Standard specifies procedures for assessment of electric, magnetic and electromagnetic fields produced by industrial and professional induction heating equipment. NOTE This European Standard does not apply to household appliances. Typical induction heating applications are for example: - melting; - zone-melting; - heating before hot forming; - heating by tunnel-inductor; - hardening / coaxial transformer handheld devices; - tube welding; - tube annealing; - hardening; - soldering; - hard-soldering /brazing; - bonding; - annealing; - metal-strip and wire heating; - tempering; - sintering; - shrinking. This product standard covers the frequency range up to 30 MHz taking into account the specific characteristics of industrial and professional induction heating equipment and its usage.

Keel en

**prEN 795**

Identne prEN 795:2009

Tähtaeg 29.08.2009

**Personal fall protection equipment - Anchor devices**

This European Standard specifies requirements for performance and associated test methods for single-user and multi-user anchor devices which can be removed from the structure. These anchor devices incorporate single or multiple, stationary or travelling anchor points designed for the attachment of components forming part of a personal fall protection system in accordance with EN 363. This European standard also gives requirements for marking and instructions for use, and guidance on installation. This European Standard is not applicable to: • anchor devices used in any sports or recreational activity; • equipment designed to conform to EN 516 or EN 517; • elements or parts of structures which were installed for use other than as anchor points or anchor devices, e.g. beams, girders; • structural anchors.

Keel en

Asendab EVS-EN 795:1999/A1:2001; EVS-EN 795:1999

**prEN 15949**

Identne prEN 15949:2009

Tähtaeg 29.08.2009

**Safety of machinery - Safety requirements for bar mills, structural steel mills and wire rod mills**

This European Standard defines the general safety requirements for hot rolling mills for long products as defined in 3.1. This European Standard deals with significant hazards, hazardous situations and events relevant to hot rolling mills for long products. It deals not only with circumstances where the machinery is used as intended, but also includes other conditions foreseen by the manufacturer, such as foreseeable faults, malfunctions or misuse (see Clauses 4 and 5).

Keel en

**prEN 50518-3**

Identne prEN 50518-3:2009

Tähtaeg 29.08.2009

**Monitoring and alarm receiving centre - Part 3: Procedures and requirements for operation**

This part of EN 50518 specifies the minimum procedures and requirements for the operation of an ARC.

Keel en

**prEN 62387-1**

Identne prEN 62387-1

ja identne IEC 62387-1:2007

Tähtaeg 29.08.2009

**Radiation protection instrumentation - Passive integrating dosimetry systems for environmental and personal monitoring - Part 1: General characteristics and performance requirements**

This part of IEC 62387 applies to all kinds of passive dosimetry systems that are used for measuring the personal dose equivalents Hp(10) or Hp(0,07) or the ambient dose equivalent H*(10). It applies to dosimetry systems that measure external photon or beta radiation in the dose range between 0,01 mSv and 10 Sv and in the energy ranges given in the following Table. All the energy values are mean energies with respect to the prevailing dose quantity. The dosimetry systems usually use electronic devices for the data evaluation and thus are often computer controlled.

Keel en

**prEN ISO 24501**

Identne prEN ISO 24501:2009

ja identne ISO/DIS 24501:2009

Tähtaeg 29.08.2009

**Ergonomics - Accessible design - Sound pressure levels of auditory signals for consumer products**

This International Standard specifies methods for determining the sound pressure level range of auditory signal so that the users of consumer products, including people with age-related hearing loss, can hear the signal properly in the presence of interfering sounds. Auditory signals, in this International Standard, refer to sounds with a fixed frequency (also called beep sounds) and do not include variable frequency sounds, melodic sounds, or voice guides. This International Standard is applicable to auditory signals which are heard in the same room where the product is used or in an adjacent room not entirely enclosed within walls (at approximate maximum distance of 4 m from the product). It is not applicable to auditory signals heard through a head receiver or earphones, or to those heard with the ear located near the sound source (e.g. cameras held at an eye level).

Keel en

**prEN ISO 24502**

Identne prEN ISO 24502:2009

ja identne ISO/DIS 24502:2009

Tähtaeg 29.08.2009

**Ergonomics - Accessible design - Specification of age-related relative luminance in visual signs and displays**

This international standard specifies age-related luminance contrast of any two lights of different colour seen by a person at any age by taking into account the age-related change of spectral luminous efficiency of the eye. This international standard provides a basic method that is applied to the design of visual signs and displays. It applies to lights seen under moderately bright visual environment called photopic vision and whose spectral radiance is known or measurable. It does not apply to lights seen under darker environment called mesopic or scotopic vision. This international standard specifies the luminance contrast for people ranged in age from 10 to 70 years old who have had no medical treatment or surgery on their eyes that may affect their spectral luminous efficiency. This international standard does not apply to visual signs and displays seen by people with colour defects whose spectral luminaous efficiency is different from those with normal colour vision.

Keel en

**prEN ISO 24503**

Identne prEN ISO 24503:2009

ja identne ISO/DIS 24503:2009

Tähtaeg 29.08.2009

**Ergonomics - Accessible design - Using tactile dots and bars on consumer products**

This international standard specifies requirements for the design of tactile dots and tactile bars for use on consumer products to improve accessibility for all people, including older persons and persons with disabilities. This international standard is applicable to consumer products used by people with visual disabilities and in cases where visual information is not the primary sense used for accomplishing the task. Other alternative tactile methods, such as texture and vibration, and other tactile symbols, such as triangles and squares, are not covered in this standard.

Keel en

**prEN ISO 25139**

Identne prEN ISO 25139:2009

ja identne ISO/DIS 25139:2009

Tähtaeg 29.08.2009

**Stationary source emissions - Manual method for the determination of the methane concentration using gas chromatography**

This International Standard specifies a manual method for the determination of the concentration of methane emissions from stationary sources which can be used for single measurements and for the calibration and validation of automatic measuring systems for methane by comparison measurements.

Keel en

**prEN ISO 28439**

Identne prEN ISO 28439:2009

ja identne ISO/DIS 28439:2009

Tähtaeg 29.08.2009

**Workplace atmospheres - Characterization of ultrafine aerosols/nanoaerosols - Determination of the size distribution and number concentration using differential mobility analysing systems**

This document provides a guideline to determine the number concentration and size distribution of ultrafine aerosols and nanoaerosols by use of mobility particle sizers (also called differential mobility analysers). For ultrafine aerosols and nanoaerosols exposure metrics like the number and surface area concentration will be important. This document will help to assess the workplace exposure to ultrafine aerosols and nanoaerosols. Specifically, the Differential Electrical Mobility Spectrometer (DEMC), now available from several vendors, is discussed. Principles of operation, problems of sampling in the workplace environment, calibration, equipment maintenance, measurement uncertainty, and reporting of measurement results are covered.

Keel en

**prEVS 18002**

Identne OHSAS 18002:2008

Tähtaeg 29.08.2009

**Töötervishoiu ja tööohutuse juhtimissüsteemid. EVS 18001:2007 rakendusjuhised**

Standard annab juhised töötervishoiu ja tööohutuse (TTO) juhtimissüsteemi sisseseadmiseks, elluviimiseks, toimivana hoidmiseks ja parendamiseks ning seostamiseks teiste juhtimissüsteemidega. Standardis sisalduvad juhtnöörid on kohaldatavad mistahes organisatsioonile olenemata selle suurusest, tüübist, asukohast või küpsustasemest. TTO juhtimissüsteemi sisseseadmine võimaldab organisatsioonidel ohjata enda TTO riske ja parendada TTO-alase tegevuse toimivust. Sellega seonduvalt avaldab see tugevat positiivset mõju töötajate tervishoiu ja tööohutuse ning ka ettevõtete majandusliku seisundi tagamisel.

Keel et

## 17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 12545:2000+A1:2009**

Hind 114,00

Identne EN 12545:2000+A1:2009

**Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Mürakatse kood. Ühtsed nõuded KONSOLIDEERITUD TEKST**

This noise test code specifies common requirements necessary to carry out efficiently and under standardised conditions the determination, declaration and verification of the noise emission characteristics of the following leather and imitation leather goods and footwear manufacturing machinery: - Cutting and punching machines (EN 12044); - Roughing, scouring, polishing and trimming machines (EN 930); - Footwear moulding machines (EN 1845); - Lasting machines (EN 931); - Nailing machines (EN 12653); - Modular shoe repair equipment (EN 12387); - Shoe and leather presses (EN 12203); - Splitting, skiving, cutting, cementing and cement drying machines (EN 13457).

Keel en

Asendab EVS-EN 12545:2000

**EVS-EN 15610:2009**

Hind 209,00

Identne EN 15610:2009

**Raudteealased rakendused. Müraemissioon. Veeremüra tekkega seotud rööpa pinnakareduse mõõtmine**

This European Standard specifies a direct method for characterizing the surface roughness of the rail associated with rolling noise ("acoustic roughness"), in the form of a one-third octave band spectrum. This standard describes a method for: a) selecting measuring positions; b) data acquisition; c) measurement data processing in order to estimate a set of one-third octave band roughness spectra; d) presentation of this estimate for comparison with limits of acoustic roughness; e) comparison with a given upper limit in terms of a one-third octave band wavelength spectrum.

Keel en

**ASENDATUD VÕI TÜHISTATUD STANDARDID**

**EVS-EN 12545:2000**

Identne EN 12545:2000

**Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Mürakatse kood. Ühtsed nõuded**

This noise test code specifies all the information necessary to carry out efficiently and under standardized conditions the determination, declaration and verification of the noise emission characteristics of leather and imitation leather goods and footwear manufacturing machinery.

Keel en

Asendatud EVS-EN 12545:2000+A1:2009

**KAVANDITE ARVAMUSKÜSITLUS**

**FprEN 61746-2**

Identne FprEN 61746-2:2009

ja identne IEC 61746-2:200X

Tähtaeg 29.08.2009

**Calibration of Optical Time-Domain Reflectometers (OTDR) - Part 2: OTDR for multimode fibres**

This International Standard provides procedures for calibrating multimode optical time domain reflectometers (OTDR). It covers OTDR measurement errors and uncertainties. The test of the laser(s) source modal condition is included as an optional measurement. This standard does not cover correction of the OTDR response.

Keel en

Asendab EVS-EN 61746:2005

**prEN ISO 14659**

Identne prEN ISO 14659:2009

ja identne ISO/DIS 14659:2009

Tähtaeg 29.08.2009

**Geomeetrilised tootekirjeldused (GPS). Põhinõuded. Kontseptsioonid, põhimõtted ja reeglid**

This International Standard specifies fundamental concepts, principles and rules valid for the creation, interpretation and application of all other International Standards, Technical Specifications and Technical Reports concerning dimensional and Geometrical Product Specifications (GPS) and Verification. This International standard applies to the interpretation of GPS symbology on all types of drawings. The term “drawing” is to be interpreted in the broadest possible sense, encompassing the total package of documentation defining the workpiece.

Keel en

## 19 KATSETAMINE

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 60068-2-27:2009**

Hind 229,00

Identne EN 60068-2-27:2009

ja identne IEC 60068-2-27:2008

**Environmental testing -- Part 2-27: Tests - Test Ea and guidance: Shock**

This part of IEC 60068 provides a standard procedure for determining the ability of a specimen to withstand specified severities of non-repetitive or repetitive shocks. The purpose of this test is to reveal mechanical weakness and/or degradation in specified performances, or accumulated damage or degradation caused by shocks. In conjunction with the relevant specification, this may be used in some cases to determine the structural integrity of specimens or as a means of quality control (see Clause A.2).

Keel en

Asendab EVS-EN 60068-2-27:2002; EVS-EN 60068-2-29:2002

**ASENDATUD VÕI TÜHISTATUD STANDARDID**

**EVS-EN 60068-2-27:2002**

Identne EN 60068-2-27:1993

ja identne IEC 60068-2-27:1987

**Basic environmental testing procedures - Part 2: Tests - Test Ea and guidance: Shock**

The object of the test is to determine the suitability of components and equipment for application where they are subjected to non-repetitive mechanical shocks and/or to assess their structural integrity.

Keel en

Asendatud EVS-EN 60068-2-27:2009

**EVS-EN 60068-2-29:2002**

Identne EN 60068-2-29:1993

ja identne IEC 60068-2-29:1987 + Corr.:1987

**Basic environmental testing procedures - Part 2: Tests - Test Eb and guidance: Bump**

This standard provides a standard procedure for determining the abolity of a speciment of withstand specified severities of bump.

Keel en

Asendatud EVS-EN 60068-2-27:2009

**KAVANDITE ARVAMUSKÜSITLUS**

**prEN 50191**

Identne prEN 50191:2009

Tähtaeg 29.08.2009

**Elektriliste katsetuspaigaldiste ehitamine ja käit**

1.1 This European Standard is applicable to the erection and operation of fixed and temporary electrical test installations. 1.2 Compliance with this European Standard is not necessary, if contact with live parts presents no danger. This is the case when one of the following conditions is satisfied at live exposed points: a) the voltage at frequencies above 500 Hz does not exceed 25 V a.c. or 60 V d.c. and complies with the requirements for SELV or for PELV in accordance with HD 384.4.41; b) in case of voltages at frequencies up to 500 Hz exceeding 25 V a.c. or 60 V d.c., the resultant current through a non-inductive resistance of 2 kΩ does not exceed 3 mA a.c. (r.m.s.) or 12 mA d.c; c) at frequencies above 500 Hz the national determined current and voltage values shall be applied. If there are no national requirements determined reference values for permissible body currents and contact voltages can be taken from Table A.1; d) the discharge energy does not exceed 350 mJ.

Keel en

Asendab EVS-EN 50191:2007

## 21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

**KAVANDITE ARVAMUSKÜSITLUS**

**FprEN 6069**

Identne FprEN 6069:2009

Tähtaeg 29.08.2009

**Aerospace series - Rivet, 100° reduced flush head, close tolerance - Inch series**

This standard specifies the dimensions, tolerances and mass of rivets with 100° reduced flush head, close tolerance, inch series, for aerospace application.

Keel en

**prEN ISO 12474**

Identne prEN ISO 12474:2009

ja identne ISO/DIS 12474:2009

Tähtaeg 29.08.2009

**Hexagon socket head cap screws with metric fine pitch thread**

This International Standard specifies the characteristics of hexagon socket head cap screws with metric fine pitch thread with nominal thread diameters d from 8 mm up to 36 mm and product grade A. For approximate masses of screws see Annex A. If, in special cases, specifications other than those listed in this International Standard are required, they should be selected from existing International Standards, for example ISO 261, ISO 888, ISO 898-1, ISO 965-2, ISO 3506-1, ISO 8839 and ISO 4759-1.

Keel en

## 23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 14382:2005+A1:2009/AC:2009**

Hind 0,00

Identne EN 14382:2005+A1:2009/AC:2009

**Turvamehhanismid gaasi rõhku reguleerivatele jaamadele ja paigaldistele. Sisendrõhule kuni 100 baari mõeldud gaasisüsteemide turva-sulgurseadmed**

Keel en

**KAVANDITE ARVAMUSKÜSITLUS**

**FprEN 10305-5**

Identne FprEN 10305-5:2009

Tähtaeg 29.08.2009

**Steel tubes for precision applications - Technical delivery conditions - Part 5: Welded and cold sized square and rectangular tubes**

This European Standard specifies the technical delivery conditions for welded cold sized steel tubes of square and rectangular cross section for precision applications with specified cross-section up to 100 mm x 100 mm and 100 mm x 60 mm, respectively. Tubes according to this document are characterised by having precisely defined tolerances on dimension and a specified maximum surface roughness. Typical fields of application are in the automotive, furniture and general engineering industries.

Keel en

Asendab EVS-EN 10305-5:2003; EVS-EN 10305-5:2003/AC:2007

**prEN 1267**

Identne prEN 1267:2009

Tähtaeg 29.08.2009

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

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

Keel en

Asendab EVS-EN 1267:2000

**prEN 12266-1**

Identne prEN 12266-1:2009

Tähtaeg 29.08.2009

**Industrial valves - Testing of metallic valves - Part 1: Pressure tests, test procedures and acceptance criteria - Mandatory requirements**

This European Standard specifies mandatory requirements for tests, test procedures and acceptance criteria for production testing of industrial valves made of metallic materials. The specified tests may also be used as type tests or acceptance tests. When specified as a normative reference in a valve product or performance standard, this European Standard shall be considered in conjunction with given specific requirements of the valve product or performance standard. Where requirements in a product or performance standard differ from those given in this European Standard, the requirements of the product or performance standard apply.

Keel en

Asendab EVS-EN 12266-1:2003

**prEN 12266-2**

Identne prEN 12266-2:2009

Tähtaeg 29.08.2009

**Industrial valves - Testing of metallic valves - Part 2: Tests, test procedures and acceptance criteria - Supplementary requirements**

This European Standard specifies supplementary requirements for tests, test procedures and acceptance criteria of industrial valves made of metallic materials. The specified tests may be used as type tests, production tests or acceptance tests. The application of these tests is specified in the appropriate product or performance standards. When specified as a normative reference in a valve product or performance standard, this European Standard shall be considered in conjunction with given specific requirements of the valve product or performance standard. Where requirements in a product or performance standard differ from those given in this European Standard, the requirements of the product or performance standard apply.

Keel en

Asendab EVS-EN 12266-2:2003

**prEN ISO 6224**

Identne prEN ISO 6224:2009

ja identne ISO/DIS 6224:2009

Tähtaeg 29.08.2009

**Thermoplastics hoses, textile-reinforced, for general-purpose water applications - Specification**

This International Standard specifies the requirements for three types of general-purpose textile-reinforced thermoplastic water-discharge hose with an operating temperature range of 10 °C to +60 °C and a maximum working pressure of 2,5 MPa (25 bar)1) .

Keel en

Asendab EVS-EN ISO 6224:2009

## 25 TOOTMISTEHNOLOOGIA

**KAVANDITE ARVAMUSKÜSITLUS**

**FprEN 50519/FprAA**

Identne FprEN 50519:2009/FprAA:2009

Tähtaeg 29.08.2009

**Assessment of workers' exposure to electric and magnetic fields of industrial induction heating equipment**

This European Standard specifies procedures for assessment of electric, magnetic and electromagnetic fields produced by industrial and professional induction heating equipment. NOTE This European Standard does not apply to household appliances. Typical induction heating applications are for example: - melting; - zone-melting; - heating before hot forming; - heating by tunnel-inductor; - hardening / coaxial transformer handheld devices; - tube welding; - tube annealing; - hardening; - soldering; - hard-soldering /brazing; - bonding; - annealing; - metal-strip and wire heating; - tempering; - sintering; - shrinking. This product standard covers the frequency range up to 30 MHz taking into account the specific characteristics of industrial and professional induction heating equipment and its usage.

Keel en

**FprEN 61158-2**

Identne FprEN 61158-2:2009

ja identne IEC 61158-2:200X

Tähtaeg 29.08.2009

**Industrial communication networks - Fieldbus specifications -- Part 2: Physical layer specification and service definition**

This part of IEC 61158 is one of a series produced to facilitate the interconnection ofautomation system components. It is related to other standards in the set as defined by the“three-layer” fieldbus reference model described in IEC/TR 61158-1.

Keel en

Asendab EVS-EN 61158-2:2008

**FprEN 61158-5-22**

Identne FprEN 61158-5-22:2009

ja identne IEC 61158-5-22:200X

Tähtaeg 29.08.2009

**Industrial communication networks - Fieldbus specifications - Part 5-22: Applicationlayer service definition - Type 22 elements**

The fieldbus application layer (FAL) provides user programs with a means to access the fieldbus communication environment. In this respect, the FAL can be viewed as a “window between corresponding application programs.” This standard provides common elements for basic time-critical and non-time-critical messaging communications between application programs in an automation environment and material specific to Type 22 fieldbus. The term “time-critical” is used to represent the presence of a time-window, within which one or more specified actions are required to be completed with some defined level of certainty. Failure to complete specified actions within the time window risks failure of the applications requesting the actions, with attendant risk to equipment, plant and possibly human life.

Keel en

**FprEN 61158-400**

Identne FprEN 61158-400:2009

ja identne IEC 61158-400:200X

Tähtaeg 29.08.2009

**Industrial communication networks - Fieldbus specifications -- Part 400: Data Link Layer protocol specification**

The data-link layer provides basic time-critical messaging communications between devices inan automation environment.This protocol provides communication opportunities to all participating data-link entities,sequentially and in a cyclic synchronous manner. Foreground scheduled access is availablefor time-critical activities together with background unscheduled access for less criticalactivities.

Keel en

**FprEN 61158-500**

Identne FprEN 61158-500:2009

ja identne IEC 61158-500:200X

Tähtaeg 29.08.2009

**Industrial communication networks - Fieldbus specifications -- Part 500: Application Layer service definition**

The fieldbus application layer (FAL) provides user programs with a means to access thefieldbus communication environment. In this respect, the FAL can be viewed as a “windowbetween corresponding application programs.”This standard provides common elements for basic time-critical and non-time-criticalmessaging communications between application programs in an automation environment andmaterial specific to Type 2 fieldbus. The term “time-critical” is used to represent the presenceof a time-window, within which one or more specified actions are required to be completedwith some defined level of certainty. Failure to complete specified actions within the timewindow risks failure of the applications requesting the actions, with attendant risk toequipment, plant and possibly human life.

Keel en

**FprEN 61158-600**

Identne FprEN 61158-600:2009

ja identne IEC 61158-600:200X

Tähtaeg 29.08.2009

**Industrial communication networks - Fieldbus specifications -- Part 600: Application Layer protocol specification**

The fieldbus application layer (FAL) provides user programs with a means to access thefieldbus communication environment. In this respect, the FAL can be viewed as a “windowbetween corresponding application programs.”This standard provides common elements for basic time-critical and non-time-criticalmessaging communications between application programs in an automation environment andmaterial specific to Type 2 fieldbus. The term “time-critical” is used to represent the presenceof a time-window, within which one or more specified actions are required to be completedwith some defined level of certainty. Failure to complete specified actions within the timewindow risks failure of the applications requesting the actions, with attendant risk toequipment, plant and possibly human life.

Keel en

**FprEN 61158-3-22**

Identne FprEN 61158-3-22:2009

ja identne EC 61158-3-22:200X

Tähtaeg 29.08.2009

**Industrial communication networks - Fieldbus specifications - Part 3-22: Data-link layer service definition - Type 22 elements**

This standard provides common elements for basic time-critical messaging communications between devices in an automation environment. The term “time-critical” is used to represent the presence of a time-window, within which one or more specified actions are required to be completed with some defined level of certainty. Failure to complete specified actions within the time window risks failure of the applications requesting the actions, with attendant risk to equipment, plant and possibly human life.

Keel en

**FprEN 61158-4-22**

Identne FprEN 61158-4-22:2009

ja identne IEC 61158-4-22:200X

Tähtaeg 29.08.2009

**Industrial communication networks - Fieldbus specifications - Part 4-22: Data-link layer protocol specification - Type 22 elements**

The data-link layer provides basic time-critical messaging communications between devices in an automation environment. This protocol provides communication opportunities to all participating data-link entities a) in a synchronously-starting cyclic manner, according to a pre-established schedule, and b) in a cyclic or acyclic asynchronous manner, as requested each cycle by each of those data-link entities. Thus this protocol can be characterized as one which provides cyclic and acyclic access asynchronously but with a synchronous restart of each cycle.

Keel en

**FprEN 61158-6-22**

Identne FprEN 61158-6-22:2009

ja identne IEC 61158-6-22:200X

Tähtaeg 29.08.2009

**Industrial communication networks - Fieldbus specifications - Part 6-22: Applicationlayer protocol specification - Type 22 elements**

The fieldbus Application Layer (FAL) provides user programs with a means to access the fieldbus communication environment. In this respect, the FAL can be viewed as a “window between corresponding application programs.” This standard provides common elements for basic time-critical and non-time-critical messaging communications between application programs in an automation environment and material specific to Type 22 fieldbus. The term “time-critical” is used to represent the presence of a time-window, within which one or more specified actions are required to be completed with some defined level of certainty. Failure to complete specified actions within the time window risks failure of the applications requesting the actions, with attendant risk to equipment, plant and possibly human life.

Keel en

**FprEN 62591**

Identne FprEN 62591:2009

ja identne IEC 62591:200X

Tähtaeg 29.08.2009

**Industrial communication networks - Wireless communication network and communication pofiles - WirelessHART**

This International Standard specifies an additional Type 20 communication network to IEC 61158-5-20, IEC 61158-6-20 and a Communication Profile CP 9/2 in addition to IEC 61784-1 CPF 9. This standard specifies the following: • Physical layer service definition and protocol specification, • Data-link layer service and protocol, • Application layer service and protocol, • Network management, • Security, • Communication profile, • Wireless procedures and • Gateway.

Keel en

**prEN ISO 3690**

Identne prEN ISO 3690:2009

ja identne ISO/DIS 3690:2009

Tähtaeg 29.08.2009

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

This International Standard specifies the sampling and analytical procedure for the determination of diffusible and residual hydrogen in weld metal of martensitic, bainitic, and ferritic weld metal arising from the welding of such steels using arc welding processes with filler metal. The techniques described in this International Standard include collection of diffusible hydrogen via displacement of mercury or collection into a headspace filled with an inert gas such as argon. The amount of hydrogen collected is determined by measuring the displaced volume in the former and by thermal conductivity in the latter. The temperature for collection of diffusible hydrogen is controlled to avoid thermal activation of non-diffusible hydrogen. Furthermore, with application of a rapid method (short period of collection time), the measurement of the diffusible hydrogen amount can be carried out at elevated temperatures.

Keel en

Asendab EVS-EN ISO 3690:2001

**prEN ISO 6947**

Identne prEN ISO 6947:2009

ja identne ISO/DIS 6947:2009

Tähtaeg 29.08.2009

**Welds - Welding position**

This Standard defines welding positions for testing and production, for butt and fillet welds in all product forms. Annex A provides information on the limits of the slope of a weld axis and the rotation of the weld face about the weld axis for welding positions. Annex B provides a comparison of International, European and US designations (based on CEN/TR 14633).

Keel en

Asendab EVS-EN ISO 6947:1999

**prEN ISO 12690**

Identne prEN ISO 12690:2009

ja identne ISO/DIS 12690:2009

Tähtaeg 29.08.2009

**Thermal spraying - Thermal spray coordination - Tasks and responsibilities**

This standard specifies the tasks and responsibilities necessary to assure the quality of a thermal sprayed coating or a coated component including the coordination of activities related to thermal spraying. Thermal spraying coordination may be carried out by one or a number of persons within the same company or manufacturing department. The requirements to the spraying coordinator are to be specified by the manufacturer.

Keel en

Asendab EVS-EN 13214:2001

**prEN ISO 14271**

Identne prEN ISO 14271:2009

ja identne ISO/DIS 14271:2009

Tähtaeg 29.08.2009

**Resistance welding - Vickers hardness testing (low-force and microhardness) of resistance spot, projection, and seam welds**

This International Standard specifies the procedures for the hardness testing of etched cross sections of resistance spot, projection, and seam welds. The aim of the hardness tests is to determine the Vickers hardness, in the low-force or microhardness range, of the weld nugget, the heat affected zone, and parent material in ferrous or non-ferrous metals for welds made in sheets of thickness 0,5 mm to 6 mm.

Keel en

Asendab EVS-EN ISO 14271:2002

## 27 ELEKTRI- JA SOOJUSENERGEETIKA

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 61400-3:2009**

Hind 356,00

Identne EN 61400-3:2009

ja identne IEC 61400-3:2009

**Wind turbines -- Part 3: Design requirements for offshore wind turbines**

This part of IEC 61400 specifies additional requirements for assessment of the externalconditions at an offshore wind turbine site and it specifies essential design requirements toensure the engineering integrity of offshore wind turbines. Its purpose is to provide anappropriate level of protection against damage from all hazards during the planned lifetime.This standard focuses on the engineering integrity of the structural components of an offshorewind turbine but is also concerned with subsystems such as control and protectionmechanisms, internal electrical systems and mechanical systems.

Keel en

**KAVANDITE ARVAMUSKÜSITLUS**

**FprEN 61853-1**

Identne FprEN 61853-1:2009

ja identne IEC 61853-1:200X

Tähtaeg 29.08.2009

**Photovoltaic (PV) module performance testing and energy rating - Part 1: Irradiance and temperature performance measurements and power rating**

This International Standard series establishes IEC requirements for evaluating PV module performance based on power (watts), energy (watt-hours) and performance ratio (PR). It is written to be applicable to all PV technologies, but the methodology does not take into account transient behavior such as light induced changes and/or thermal annealing. Included in this standard are: a guide to mapping module performance over a wide range of temperature and irradiance conditions; methods for characterising spectral and angular effects; definition of reference climatic profiles (temperature and irradiance); methods for evaluating instantaneous power and energy results; and a method for stating these results in the form of a numerical rating.

Keel en

**prEN 12514-1**

Identne prEN 12514-1:2009

Tähtaeg 29.08.2009

**Parts for supply systems for consuming units with liquid fuels - Part 1: Safety requirements and tests - Terminology, general requirements**

This European Standard applies to all parts of supply systems for the automatic supply of liquid fuel to one or more consuming units from one or more tanks. It applies to all parts from the tank connection(s) to the connection to the burner or the consuming units, respectively, including the direct series-connected shut-off devices.

Keel en

Asendab EVS-EN 12514-1:2000; EVS-EN 12514-2:2000

**prEN 12514-2**

Identne prEN 12514-2:2009

Tähtaeg 29.08.2009

**Parts for supply systems for consuming units with liquid fuels - Part 2: Safety requirements and tests - Feed pumps, control and safety devices, service vessels**

This European Standard applies to the following parts of supply systems for the automatic supply of liquid fuel to one or more consuming units from one or more tanks: a) feed pumps; b) control and safety devices; c) service tanks; d) service vessels. The combination of single parts is acceptable.

Keel en

Asendab EVS-EN 12514-1:2000; EVS-EN 12514-2:2000

**prEN 12514-3**

Identne prEN 12514-3:2009

Tähtaeg 29.08.2009

**Parts for supply systems for consuming units with liquid fuels - Part 3: Safety requirements and tests - Valves and meters**

This standard applies to parts, valves, pipes, filters, oil-aerators and meters of oil supply installations for automatic supply of one or more oil burners or oil consuming units with fuel oil (maximum viscosity of 10 mm2/s at a temperature of 20 C) from one or more central storage tanks under static or dynamic pressure.

Keel en

Asendab EVS-EN 12514-1:2000; EVS-EN 12514-2:2000

**prEN 12514-4**

Identne prEN 12514-4:2009

Tähtaeg 29.08.2009

**Parts for supply systems for consuming units with liquid fuels - Part 4: Safety requirements and tests - Pipings and parts within pipelines**

This European Standard applies to the following parts of supply systems for the automatic liquid fuel supply of consuming units from one or more tanks: a) pipes; b) fasteners; c) pipeline connections; d) parts within pipes; Combinations of single parts are acceptable.

Keel en

Asendab EVS-EN 12514-1:2000; EVS-EN 12514-2:2000

**prEN 60709**

Identne prEN 60709

ja identne IEC 60709:2004

Tähtaeg 29.08.2009

**Nuclear power plants - Instrumentation and control systems important to safety - Separation**

This standard is applicable to nuclear power plant instrumentation and control (I&C) systems, and their cables, that are important to safety, as defined in IAEA Safety Guide NS-G-1.3. It is also applicable to temporary installations which are part of those I&C systems important to safety (for example, auxiliary equipment for commissioning tests and experiments). Clause 6 is intended particularly for the cabling of the I&C systems important to safety.

Keel en

**prEN 60964**

Identne prEN 60964

ja identne IEC 60964:2009

Tähtaeg 29.08.2009

**Nuclear power plants – Control rooms - Design**

This International Standard establishes requirements for the human-machine interface in the main control rooms of nuclear power plants. The standard also establishes requirements for the selection of functions, design consideration and organization of the human-machine interface and procedures which shall be used systematically to verify and validate the functional design. These requirements reflect the application of human factors engineering principles as they apply to the human-machine interface during normal and abnormal plant conditions. This standard does not cover special purpose or normally unattended control points, such as those provided for shutdown operations from outside the main control room or for radioactive waste handling, or emergency response facilities. Detailed equipment design is outside the scope of this standard.

Keel en

**prEN 62340**

Identne prEN 62340

ja identne IEC 62340:2007

Tähtaeg 29.08.2009

**Nuclear power plants - Instrumentation and control systems important to safety - Requirements for coping with Common Cause Failure (CCF)**

I&C systems important to safety may be designed using conventional hard-wired equipment, computer-based equipment or by using a combination of both types of equipment. This International Standard provides requirements and recommendations1 for the overall architecture of I&C systems, which may contain either or both technologies.

Keel En

## 29 ELEKTROTEHNIKA

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 50341-1:2006/A1:2009**

Hind 124,00

Identne EN 50341-1:2001/A1:2009

**Elektriõhuliinid vahelduvpingega üle 45 kV. Osa 1: Üldnõuded - ühised eeskirjad**

See standard hõlmab elektriõhuliine vahelduvpingega üle 45 kV ja nimisagedusega alla 100 Hz. Standard määrab kindlaks uute õhuliinide projekteerimise ja ehitamise üldnõuded, mida tuleb järgida, et kindlustada liini vastavus tema otstarbele, pidades silmas inimeste ohutuse, hoolde, käidu ja keskkonnaalaseid nõudeid.

Keel en

**EVS-EN 50468:2009**

Hind 114,00

Identne EN 50468:2009

**Resistibility requirements to overvoltages and overcurrentsdue to lightning for equipment having telecommunication ports**

This European Standard specifies the minimum level of resistibility of equipment havingtelecommunication port(s) to overvoltages and overcurrents.This European Standard covers telecommunication equipment installed at customer premises asshown in Figure 1.Overvoltages or overcurrents covered by this European Standard are surges due to direct or indirectlightning on the telecommunication line plant.Overvoltages or overcurrent not covered by this European Standard are– short-term induction of alternating voltages from electric power systems (including electrifiedrailway),– earth potential rise due to power faults or load switching,– direct contacts between telecommunication lines and low voltage power lines.

Keel en

**EVS-EN 61534-22:2009**

Hind 178,00

Identne EN 61534-22:2009

ja identne IEC 61534-22:2009

**Elektrilised jõuliinisüsteemid. Osa 22: Erinõuded põrandale ja põranda alla paigaldatavatele jõuliinisüsteemidele.**

This clause of Part 1 is applicable except as follows:This standard applies to PT systems which are intended to be mounted on, or under the floorlevel and floor service units which are mounted on the floor, under the floor or flush with thefloor.

Keel en

**EVS-EN 61914:2009**

Hind 198,00

Identne EN 61914:2009

ja identne IEC 61914:2009

**Cable cleats for electrical installations**

This International Standard specifies requirements and tests for cable cleats and intermediate restraints used for securing cable in electrical installations. Cable cleats provide resistance to electromechanical forces where declared. This standard includes cable cleats that rely on a mounting surface specified by the manufacturer for axial and/or lateral retention of cables. This standard does not apply to: − cable glands; − cable ties.

Keel en

Asendab EVS-EN 50368:2003

**EVS-EN 61914:2009/AC:2009**

Hind 0,00

Identne EN 61914:2009/Corr:2009

**Cable cleats for electrical installations**

Keel en

**EVS-EN 61995-2:2009**

Hind 135,00

Identne EN 61995-2:2009

ja identne IEC 61995-2:2009

**Majapidamis- ja muude taoliste valgustite ühendusseadised. Osa 2: Valgustite ühendusseadiste standardilehed**

This part of IEC 61995, which is to be read in conjunction with IEC 61995-1, applies to devices for the connection of luminaires (DCL) 250 V, 6 A a.c. intended for household and similar purposes, for the electrical connection to final circuits rated not more than 16 A, without providing mechanical support for the luminaire.

Keel en

**EVS-EN 62271-110:2009**

Hind 188,00

Identne EN 62271-110:2009

ja identne IEC 62271-110:2009

**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 [2].

Keel en

Asendab EVS-EN 62271-110:2005

**ASENDATUD VÕI TÜHISTATUD STANDARDID**

**EVS-EN 50368:2003**

Identne EN 50368:2003

**Elektripaigaldiste kaablikinnitid**

This European Standard specifies requirements and tests for cable cleats used for cable fixing, retention and support in electrical installations up to 1 000 V a.c. and/or 1 500 V d.c. and which, if declared, provide resistance to electromechanical forces

Keel en

Asendab EVS-EN 61914:2009

**KAVANDITE ARVAMUSKÜSITLUS**

**EN 60172:2003/FprA2**

Identne EN 60172:1994/FprA2:2009

ja identne IEC 60172:1987/A2:200X

Tähtaeg 29.08.2009

**Test procedure for the determination of the temperature index of enamelled winding wires**

Specifies, in accordance with the provisions of IEC 60216-1, a method for evaluating the temperature index of enamelled and of tape wrapped round and rectangular wire. It does not include fibre-insulated wire or wire covered with tapes containing inorganic fibres

Keel en

**FprEN 60076-1**

Identne FprEN 60076-1:2009

ja identne IEC 60076-1:200X

Tähtaeg 29.08.2009

**Jõutrafod. Osa 1: Üldist**

This part of International Standard IEC 60076 applies to three-phase and single-phase power transformers (including auto-transformers) with the exception of certain categories of small and special transformers such as: - single-phase transformers with rated power less than 1 kVA and three-phase transformers less than 5 kVA; - transformers, which have no windings with rated voltage higher than 1 000 V. - instrument transformers; - traction transformers mounted on rolling stock; - starting transformers; - testing transformers; - welding transformers, - explosion-proof and mining transformers - transformers for deep water (submerged) applications.

Keel en

Asendab EVS-EN 60076-1:2002; EVS-EN 60076-1:2002/A11:2005

**FprEN 60076-2**

Identne FprEN 60076-2:2009

ja identne IEC 60076-2:200X

Tähtaeg 29.08.2009

**Power transformers - Part 2: Temperature rise for liquid-immersed transformers**

This part of IEC 60076 International Standard series applies to liquid-immersed transformers, identifies power transformers according to their cooling methods, defines temperature rise limits and gives the methods for temperature rise tests.

Keel en

Asendab EVS-EN 60076-2:2002

**FprEN 60099-8**

Identne FprEN 60099-8:2009

ja identne IEC 60099-8:200X

Tähtaeg 29.08.2009

**Surge arresters - Part 8: Metal-oxide surge arresters with external series gap (EGLA) for overhead transmission and distribution lines of a.c. systems above 1 kV**

The scope of this standard covers metal-oxide surge arresters with external series gap (externally gapped line surge arresters; EGLA) that are applied on overhead transmission and distribution lines, only to protect insulator assemblies from lightning-caused flashovers. Designs with the EGLA's external series gap installed in parallel to an insulator are not covered by this standard.

Keel en

**FprEN 60255-127**

Identne FprEN 60255-127:2009

ja identne IEC 60255-127:200X

Tähtaeg 29.08.2009

**Measuring relays and protection equipment - Part 127: Functional requirements for over/under voltage protection**

This part of IEC 60255 specifies minimum requirements for over/under voltage relays. The standard includes specification of the protection function, measurement characteristics and time delay characteristics. This part of IEC 60255 specifies defines the influencing factors that affect the accuracy under steady state conditions and performance characteristics during dynamic conditions. The test methodologies for verifying performance characteristics and accuracy are also included in this standard.

Keel en

**FprEN 60349-1**

Identne FprEN 60349-1:2009

ja identne IEC 60349-1:200X

Tähtaeg 29.08.2009

**Electric traction - Rotating electrical machines for rail and road vehicles - Part 1: Machines other than electronic convertor-fed alternating current motors**

This part of IEC 60349 is applicable to rotating electrical machines, other than electronic convertor-fed alternating current motors, forming part of the equipment of electrically propelled rail and road vehicles. The vehicles may obtain power either from an external supply or from an internal source. The object of this standard is to enable the performance of a machine to be confirmed by tests and to provide a basis for assessment of its suitability for a specified duty and for comparison with other machines.

Keel en

**FprEN 60349-2**

Identne FprEN 60349-2:2009

ja identne IEC 60349-2:200X

Tähtaeg 29.08.2009

**Electric traction - Rotating electrical machines for rail and road vehicles - Part 2: Electronic converter-fed alternating current motors**

his part of IEC 60349 applies to converter-fed alternating current motors forming part of the equipment of electrically propelled rail and road vehicles. The object of this part is to enable the performance of a motor to be confirmed by tests and to provide a basis for assessment of its suitability for a specified duty and for comparison with other motors. Where further testing is to be undertaken in accordance with IEC 61377, it may be preferable, to avoid duplication, that some type and investigation tests be carried out on the combined test bed. Particular attention is drawn to the need for collaboration between the designers of the motor and its associated converter as detailed in 5.1.

Keel en

Asendab EVS-EN 60349-2:2002

**FprEN 61968-11**

Identne FprEN 61968-11:2009

ja identne IEC 61968-11:200X

Tähtaeg 29.08.2009

**Application integration at electric utilities - System interfaces for distribution management - Part 11: Common Information Model (CIM) extensions for distribution**

The IEC 61968 standard, taken as a whole, defines interfaces for the major elements of interface architecture for Distribution Management Systems (DMS). Part 1: Interface Architecture and General Requirements, identifies and establishes requirements for standard interfaces based on an Interface Reference Model (IRM). Parts 3-10 of this standard define interfaces relevant to each of the major business functions described by the Interface Reference Model.

Keel en

**FprHD 60364-5-56/FprAA**

Identne FprHD 60364-5-56:2009/FprAA:2009

Tähtaeg 29.08.2009

**Low-voltage electrical installations - Part 5-56: Selection and erection of electrical equipment - Safety services**

This part of IEC 60364 covers general requirements for safety services, selection and erectionof electrical supply systems for safety services and electrical safety sources.Standby electrical supply systems are outside the scope of this part. This part does not applyto installations in hazardous areas (BE3), for which requirements are given in IEC 60079-14.

Keel en

**prEN 50191**

Identne prEN 50191:2009

Tähtaeg 29.08.2009

**Elektriliste katsetuspaigaldiste ehitamine ja käit**

1.1 This European Standard is applicable to the erection and operation of fixed and temporary electrical test installations. 1.2 Compliance with this European Standard is not necessary, if contact with live parts presents no danger. This is the case when one of the following conditions is satisfied at live exposed points: a) the voltage at frequencies above 500 Hz does not exceed 25 V a.c. or 60 V d.c. and complies with the requirements for SELV or for PELV in accordance with HD 384.4.41; b) in case of voltages at frequencies up to 500 Hz exceeding 25 V a.c. or 60 V d.c., the resultant current through a non-inductive resistance of 2 kΩ does not exceed 3 mA a.c. (r.m.s.) or 12 mA d.c; c) at frequencies above 500 Hz the national determined current and voltage values shall be applied. If there are no national requirements determined reference values for permissible body currents and contact voltages can be taken from Table A.1; d) the discharge energy does not exceed 350 mJ.

Keel en

Asendab EVS-EN 50191:2007

## 31 ELEKTROONIKA

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 61169-24:2009**

Hind 178,00

Identne EN 61169-24:2009

ja identne IEC 61169-24:2009

**Radio-frequency connectors - Part 24: Sectional specification - Radio frequency coaxial connectors with screw coupling, typically for use in 75 ohm cable networks (type F)**

This part of IEC 61169, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for RF coaxial connectors with screw coupling, typically for use in 75 Ω cable networks (type F). It describes the interface dimensions with gauging information and the mandatory tests selected from IEC 61169-1, applicable to all DS relating to type F connectors. This specification indicates the recommended performance characteristics to be considered when writing a DS and covers test schedules and inspection requirements.

Keel en

Asendab EVS-EN 61169-24:2003

**ASENDATUD VÕI TÜHISTATUD STANDARDID**

**EVS-EN 61169-24:2003**

Identne EN 61169-24:2001

ja identne IEC 61169-24:2001

**Radio-frequency connectors - Part 24: Sectional specification - Radio frequency coaxial connectors with screw coupling, typically for use in 75 ohm cable distribution systems (type F)**

A sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for RF coaxial connectors with screw coupling, typically for use in 75 . cable distribution systems (type F).

Keel en

Asendatud EVS-EN 61169-24:2009

**KAVANDITE ARVAMUSKÜSITLUS**

**FprEN 62490-1**

Identne FprEN 62490-1:2009

ja identne IEC 62490-1:200X

Tähtaeg 29.08.2009

**ESL measuring method - Part 1: Capacitors with lead terminal for use in electronic equipment**

This part of IEC 62490 provides the ESL measuring method for capacitors with lead terminal type for use in electronic equipment. The inductance values of capacitors provided for this document are within the range of 1 nH to 10 nH.

Keel en

## 33 SIDETEHNIKA

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 50377-2-2:2009**

Hind 219,00

Identne EN 50377-2-2:2009

**Connector sets and interconnect components to be used in optical fibre communication systems - Product specifications - Part 2-2: FC/APC 8 terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre, with full zirconia ferrule, category C**

This European Standard contains the initial, start of life dimensional, optical, mechanical and environmental performance requirements which a connector terminated with cylindrical zirconia 8 degree angled PC ferrule and assembled singlemode resilient alignment sleeve FC-APC simplex connector set (plug/adaptor/plug), adaptor and patchcord must meet in order for it to be categorised as an EN standard product.

Keel en

**EVS-EN 55014-1:2007/A1:2009**

Hind 145,00

Identne EN 55014-1:2006/A1:2009

ja identne CISPR 14-1:2005/A1:2008

**Elektromagnetiline ühilduvus. Nõuded majapidamismasinatele, elektrilistele tööriistadele ja nendesarnastele seadmetele. Osa 1: Emissioon**

This standard applies to the conduction and the radiation of radio-frequency disturbances from appliances whose main functions are performed by motors and switching or regulating devices, unless the r.f. energy is intentionally generated or intended for illumination. It includes such equipment as: household electrical appliances, electric tools, regulating controls using semiconductor devices, motor-driven electro-medical apparatus, electric/electronic toys, automatic dispensing machines as well as cine or slide projectors.

Keel en

**EVS-EN 60794-3-10:2009/AC:2009**

Hind 0,00

Identne EN 60794-3-10:2009/Corr:2009

**Optical fibre cables -- Part 3-10: Outdoor cables - Family specification for duct, directly buried and lashed aerial optical telecommunication cables**

Keel en

**EVS-EN 60966-3-1:2009**

Hind 114,00

Identne EN 60966-3-1:2009

ja identne IEC 60966-3-1:2009

**Radio frequency and coaxial cable assemblies -- Part 3-1: Blank detail specification for semi-flexible coaxial cable assemblies**

This part of IEC 60966 is a blank detail specification that relates to semi-flexible coaxial cable assemblies operating in the transverse electromagnetic mode (TEM).

Keel en

Asendab EVS-EN 60966-3-1:2004

**EVS-EN 61000-4-27:2002/A1:2009**

Hind 80,00

Identne EN 61000-4-27:2000/A1:2009

ja identne IEC 61000-4-27:2000/A1:2009

**Electromagnetic compatibility (EMC) - Part 4-27: Testing and measurement techniques - Unbalance, immunity test for equipment with input current not exceeding 16 A per phase**

This section of IEC 61000, is a basic EMC (ElectroMagnetic Compatibility) publication. It considers

immunity tests for electric and/or electronic equipment (apparatus and system) in its electromagnetic environment. Only conducted phenomena are considered, including immunity tests for equipment connected to public, and industrial networks.

Keel en

**EVS-EN 61000-4-28:2002/A2:2009**

Hind 80,00

Identne EN 61000-4-28:2000/A2:2009

ja identne IEC 61000-4-28:1999/A2:2009

**Electromagnetic compatibility (EMC) - Part 4-28: Testing and measurement techniques - Variation of power frequency, immunity test for equipment with input current not exceeding 16 A per phase**

This section of IEC 61000-4 is a basic EMC publication. It considers immunity tests for electric and/or electronic equipment in its electromagnetic environment. Only conducted phenomena are considered, including immunity tests for equipment connected to public, and industrial networks.

Keel en

**EVS-EN 61073-1:2009**

Hind 166,00

Identne EN 61073-1:2009

ja identne IEC 61073-1:2009

**Fibre optic interconnecting devices and passive components - Mechanical splices and fusion splice protectors for optical fibres and cables - Part 1: Generic specification**

This part of IEC 61073 applies to fibre optic splice hardware (mechanical splices and fusion splice protections) for optical fibres and cables. It includes: – fibre optic splice hardware requirements; – quality assessment procedures. This standard does not cover test and measurement procedures, which are described in IEC 61300-1, IEC 61300-2 series and IEC 61300-3 series.

Keel en

Asendab EVS-EN 61073-1:2002

**EVS-EN 61280-2-9:2009**

Hind 178,00

Identne EN 61280-2-9:2009

ja identne IEC 61280-2-9:2009

**Fibre optic communication subsystem test procedures -Part 2-9: Digital systems -Optical signal-to-noise ratio measurementfor dense wavelength-division multiplexed systems**

This part of IEC 61280 provides a parameter definition and a test method for obtaining opticalsignal-to-noise ratio (OSNR) using apparatus that measures the optical spectrum at amultichannel interface. Because noise measurement is made on an optical spectrum analyzer,the measured noise does not include source relative intensity noise (RIN) or receiver noise.Three implementations for an optical spectrum analyser (OSA) are discussed: a diffractiongrating-based OSA, a Michelson interferometer-based OSA, and a Fabry-Perot-based OSA.Performance characteristics of the OSA that affect OSNR measurement accuracy areprovided.

Keel en

Asendab EVS-EN 61280-2-9:2003

**EVS-EN 61300-2-2:2009/AC:2009**

Hind 0,00

Identne EN 61300-2-2:2009/Corr:2009

**Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-2: Tests - Mating durability**

Keel en

**EVS-EN 61300-3-3:2009**

Hind 166,00

Identne EN 61300-3-3:2009

ja identne IEC 61300-3-3:2009

**Fibre optic interconnecting devices and passive components - Basic test andmeasurement procedures - Part 3-3: Examinations and measurements - Activemonitoring 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

**EVS-EN 61300-2-48:2009**

Hind 124,00

Identne EN 61300-2-48:2009

ja identne IEC 61300-2-48:2009

**Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 2-48: Tests - Temperature-humidity cycling**

This part of IEC 61300 details a procedure for determining the suitability of a fibre optic device or closure to withstand variations in humidity and temperature that may occur during operation, storage and/or transport. The test is intended to indicate the performance of such devices when exposed to heat and humidity followed by short-term freezing. In general terms, this test provides a high temperature to induce potential failures due to softening and expansion, a high humidity to encourage moisture absorption and swelling and a low temperature to facilitate ice formation, embrittlement and contraction. This test differs from other cyclic environmental tests, notably the damp heat cyclic test of IEC 61300-2-46 and the composite temperature-humidity cyclic test of 61300-2-21, by incorporating alternative levels of severity. This is achieved through a) a greater number of cycles; b) a greater cyclic temperature range; c) a decreased cyclic period.

Keel en

Asendab EVS-EN 61300-2-48:2003

**EVS-EN 61300-3-43:2009**

Hind 166,00

Identne EN 61300-3-43:2009

ja identne IEC 61300-3-43:2009

**Fibre optic interconnecting devices and passive components -Basic test and measurement procedures -Part 3-43: Examinations and measurements -Mode transfer function measurement for fibre optic sources**

This part of IEC 61300 describes the method for measuring the mode transfer function (MTF)to be used in characterising the launch conditions for measurements of attenuation and orreturn loss of multimode passive components. The MTF may be measured at the operationalwavelengths.

Keel en

**EVS-EN 61314-1:2009**

Hind 166,00

Identne EN 61314-1:2009

ja identne IEC 61314-1:2009

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

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

Keel en

Asendab EVS-EN 61314-1:2005

**EVS-EN 61753-031-3:2009**

Hind 166,00

Identne EN 61753-031-3:2009

ja identne IEC 61753-031-3:2009

**Fibre optic interconnecting devices and passive components performance standard - Part 031-3: Non-connectorized single-mode 1xN and 2xN non-wavelength-selective branching devices (NWBD) for Category U - Uncontrolled environment**

This part of IEC 61753 contains the minimum initial tests and measurement requirements and severities which a non-wavelength selective branching device (NWBD) should satisfy in order to be categorized as meeting the requirements of Category U (uncontrolled environment) as defined in Annex A of IEC 61753-1. This standard takes into account two technologies present on the market: the Fused Biconical Taper (FBT) and the Planar Lightwave Circuit (PLC). Requirements cover balanced, bidirectional, non-connectorized, single-mode 1 × N and 2 × N non-wavelength-selective branching devices for use in an IEC Category U environment (N is the number of output ports), especially for Passive Optical Network (PON) application. The specifications of unbalanced branching devices are limited to 1 × 2 and 2 × 2 devices because they are the most commonly used.

Keel en

**ASENDATUD VÕI TÜHISTATUD STANDARDID**

**EVS-EN 60966-3-1:2004**

Identne EN 60966-3-1:2003

ja identne IEC 60966-3-1:2003

**Radio frequency and coaxial cable assemblies - Part 3-1: Blank detail specification for semi-flexible coaxial cable assemblies**

Supplementary document to the sectional specification and contains requirements for style and layout and minimum content of detail specifications.

Keel en

Asendatud EVS-EN 60966-3-1:2009

**EVS-EN 61073-1:2002**

Identne EN 61073-1:2000

ja identne IEC 61073-1:1999

**Mechanical splices and fusion splices protectors for optical fibres and cables Part 1: Generic specification**

This part of IEC 1073 is a sectional specification which covers the general requirements and the minimum quality assessment procedure for mechanical splices as defined in 1.4. All dimensional and optical performance requirements are to be defined in the appropriate detail specification. Blank detail specifications for the following four kinds of splices are included: - permanent/seperable mechanical single and multiple fibres splices.

Keel en

Asendatud EVS-EN 61073-1:2009

**EVS-EN 61280-2-9:2003**

Identne EN 61280-2-9:2002

ja identne IEC 61280-2-9:2002

**Fibre optic communication subsystem test procedures - Part 2-9: Digital systems - Optical signal-to-noise ratio measurement for dense wavelength-division multiplexed systems**

Provides a parameter definition and test method for obtaining optical signal-to-noise ratio (OSNR) using apparatus that measure the optical spectrum at a multichannel interface. The measured noise does not include source relative intensity noise (RIN) or receiver noise. Three implementations for an OSA are discussed: a diffraction-grating-based OSA, a Michelson interferometer-based OSA, and a Fabry-Perot-based OSA. Characteristics of the OSA that affect OSNR measurement accuracy are provided

Keel en

Asendatud EVS-EN 61280-2-9:2009

**EVS-EN 61300-3-3:2003**

Identne EN 61300-3-3:2003

ja identne IEC 61300-3-3:2003

**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**

Provides 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. 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

Keel en

Asendab EVS-EN 61300-3-3:2002

Asendatud EVS-EN 61300-3-3:2009

**EVS-EN 61300-2-48:2003**

Identne EN 61300-2-48:2003

ja identne IEC 61300-2-48:2003

**Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-48: Tests - Temperature-humidity cycling**

provides a procedure for determining the suitability of a fibre optic device or closure to withstand variations in humidity and temperature that may occur during operation, storage and/or transport. This test provides a high temperature to induce potential failures due o softening and expansion, a high humidity to encourage moisture absorption and swelling and a low temperature to facilitate ice formation, enbrittlement and contraction

Keel en

Asendatud EVS-EN 61300-2-48:2009

**EVS-EN 61314-1:2005**

Identne EN 61314-1:2005

ja identne IEC 61314-1:2005

**Fibre optic fan-outs Part 1: Generic specification**

Specifies requirements for fan-outs used in the fibre optics field to provide a safe transition from multifibre cable units to individual fibres or cables.

Keel en

Asendab EVS-EN 61314-1:2002

Asendatud EVS-EN 61314-1:2009

**EVS-EN 62271-110:2005**

Identne EN 62271-110:2005

ja identne IEC 62271-110:2005

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

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.

Keel en

Asendatud EVS-EN 62271-110:2009

**KAVANDITE ARVAMUSKÜSITLUS**

**EN 61000-4-3:2006/FprA2**

Identne EN 61000-4-3:2006/FprA2:2009

ja identne IEC 61000-4-3:2006/A2:200X

Tähtaeg 29.08.2009

**Elektromagnetiline ühilduvus. Osa 4-3: Katsetus- ja mõõtetehnika. Häiringukindluskatsetus kiirgunud raadiosagedusliku elektromagnetvälja korral**

This part of IEC 61000 is applicable to the immunity requirements of electrical and electronic equipment to radiated electromagnetic energy. It establishes test levels and the required test procedures.

Keel en

**FprEN 50449**

Identne FprEN 50449:2009

Tähtaeg 29.08.2009

**Electromagnetic devices and components - General specifications**

This standard applies to electromagnetic devices and electromagnetic components with a limited stroke for holding, lifting, moving, coupling or braking with a rated supply voltage up to 1 000 V. This standard does not apply to electric motor-driven devices and electromagnetic components for which special standards apply. The purpose of this standard is to specify definitions, technical characteristics, operating and environmental conditions, safety requirements as well as tests and inspections for electromagnetic devices and electromagnetic components.

Keel en

**FprEN 60793-1-32**

Identne FprEN 60793-1-32:2009

ja identne IEC 60793-1-32:200X

Tähtaeg 29.08.2009

**Optical fibres - Part 1-32: Measurement methods and test procedures - Coating strippability**

This part of IEC 60793 is intended primarily for testing either fibres as produced by a fibre manufacturer or subsequently overcoated (tight buffered) using various polymers. The test can be performed either on fibres as produced or after exposure to various environments. This test applies to A1, A2, A3, B and C fibres. The object of this standard is to establish uniform requirements for the mechanical characteristic – coating strippability. This test quantifies the force required to mechanically remove the protective coating from optical fibres along their longitudinal axis. This test is not intended as a means to maximize fibre strength after the coating is removed nor is it intended to specify the best conditions for field stripping of optical fibres.

Keel en

Asendab EVS-EN 60793-1-32:2004

**FprEN 60875-1**

Identne FprEN 60875-1:2009

ja identne IEC 60875-1:200X

Tähtaeg 29.08.2009

**Fibre optic interconnecting devices and passive components - Non-wavelength- selective fibre optic branching devices - Part 1: Generic specification**

This part of IEC 60875 applies to non-wavelength-selective fibre optic branching devices, all exhibiting the following features: – they are passive, in that they contain no optoelectronic or other transducing elements; – they have three or more ports for the entry and/or exit of optical power, and share optical power among these ports in a predetermined fashion; – the ports are optical fibres, or optical fibre connectors. This standard establishes uniform requirements for the following: – optical, mechanical and environmental properties

Keel en

Asendab EVS-EN 60875-1:2002

**FprEN 61169-18**

Identne FprEN 61169-18:2009

ja identne IEC 61169-18:200X

Tähtaeg 29.08.2009

**Radio-frequency connectors - Part 18: Sectional specification - Radio frequency coaxial connectors of type SSMA**

SSMA series connectors with characteristic impedance 50Ω are used for millimeter wave applications, connecting with RF cables or micro strips. The operating frequency limit is up to 35GHz. The coupling thread is 10-36 UNS thread. This sectional specification provides information and rules for preparation of detail specification of SSMA series R.F connectors together with the pro forma blank detail specification.

Keel en

**FprEN 61169-19**

Identne FprEN 61169-19:2009

ja identne IEC 61169-19:200X

Tähtaeg 29.08.2009

**Radio-frequency connectors - Part 19: Sectional specification - Radio frequencycoaxial connectors of type SSMB**

The SSMB series connectors with characteristic impedance 50Ω are one kind of low power miniature connectors with snap-on coupling mechanism and have the characteristics of light weight, small size, convenient connection and excellent characteristics. This connector range is suitable for the standard ranges of flexible and semi-rigid cables and is also available as a PCB mounted version. The connectors are usable up to a frequency of 3 GHz. This sectional specification provides information and rules for preparation of detail specification of SSMB series R.F connectors together with the pro forma blank detail specification.

Keel en

**FprEN 61169-41**

Identne FprEN 61169-41:2009

ja identne IEC 61169-41:200X

Tähtaeg 29.08.2009

**Radio-frequency connectors - Part 41: Sectional specification for CQA series quick lock RF coaxial connectors**

CQA series quick lock connectors with characteristic impedance 50Ω are used in microwave, telecommunication, wireless and other fields, connecting with RF cables or micro-strips. The operating frequency limit is up to 18GHz. This sectional specification provides information and rules for preparation of detail specification of CQA series quick lock R.F. coaxial connectors together with the pro forma blank detail specification.

Keel en

**FprEN 61169-42**

Identne FprEN 61169-42:2009

ja identne IEC 61169-42:200X

Tähtaeg 29.08.2009

**Radio-frequency connectors - Part 42: Sectional specification for CQN series quick lock RF coaxial connectors**

CQN series quick lock RF coaxial connectors with impedance 50Ω are used in microwave, telecommunication, wireless and other fields, connecting with R.F.. cables or micro-strips. The operating frequency limit is up to 11 GHz. This sectional specification provides information and rules for the preparation of detail specifications for CQN series R.F. coaxial connectors together with the pro forma blank detail specification.

Keel en

**FprEN 61280-1-3**

Identne FprEN 61280-1-3:2009

ja identne IEC 61280-1-3:200X

Tähtaeg 29.08.2009

**Fibre optic communication subsystem test procedures - Part 1-3: Generalcommunication subsystems - Central wavelength and spectral width measurement**

The object of this test procedure is to provide definitions and measure procedures for several wavelength and spectral width properties of an optical spectrum associated with a fibre optic communication subsystem, an optical transmitter, or other light sources used in the operation or test of communication subsystems. The measurement is done for the purpose of system construction and/or maintenance. In the case of communication subsystem signals, the optical transmitter is typically under modulation.

Keel en

Asendab EVS-EN 61280-1-3:2002

**FprEN 61300-2-23**

Identne FprEN 61300-2-23:2009

ja identne IEC 61300-2-23:200X

Tähtaeg 29.08.2009

**Fibre optic interconnecting devices and passive components - Basic test andmeasurement procedures - Part 2-23: Tests - Sealing for non-pressurized closuresof fibre optic devices**

The purpose of this part of IEC 61300 is to evaluate the effectiveness of the sealing of non-pressurized closures when subjecting to immersion in water.

Keel en

Asendab EVS-EN 61300-2-23:2002

**FprEN 61746-2**

Identne FprEN 61746-2:2009

ja identne IEC 61746-2:200X

Tähtaeg 29.08.2009

**Calibration of Optical Time-Domain Reflectometers (OTDR) - Part 2: OTDR for multimode fibres**

This International Standard provides procedures for calibrating multimode optical time domain reflectometers (OTDR). It covers OTDR measurement errors and uncertainties. The test of the laser(s) source modal condition is included as an optional measurement. This standard does not cover correction of the OTDR response.

Keel en

Asendab EVS-EN 61746:2005

**FprEN 61977**

Identne FprEN 61977:2009

ja identne IEC 61977:200X

Tähtaeg 29.08.2009

**Fibre optic interconnecting devices and passive components - Fibre optic filters - Generic specification**

IEC 61977 applies to the family of fibre optic filters. These components have all of the following general features: – they are passive for the reason that they contain no optoelectronic or other transducing elements which can process the optical signal launched into the input port; – they modify the spectral intensity distribution in order to select some wavelengths and inhibit others; – they are fixed, i.e. the modification of the spectral intensity distribution is fixed and can not be tuned; – they have input and output ports or a common port (having both functions of input and output) for the transmission of optical power; the ports are optical fibre or optical fibre connectors; – they differ according to their characteristics. They can be divided into the following categories: • short-wave pass (only wavelengths lower than or equal to a specified value are passed); • long-wave pass (only wavelengths greater than or equal to a specified value are passed); • band-pass (only an optical window is allowed); • notch (only an optical window is inhibited). It is also possible to have a combination of the above categories. This standard establishes uniform requirements for the following: – optical, mechanical and environmental properties;

Keel en

Asendab EVS-EN 61977:2003

**FprEN 62077**

Identne FprEN 62077:2009

ja identne IEC 62077:200X

Tähtaeg 29.08.2009

**Fibre optic interconnecting devices and passive components - Fibre optic circulators - Generic specification**

This part of IEC 61077 applies to circulators used in the field of fibre optics bearing all of the following features: – they are non-reciprocal optical devices, in which each port is either an optical fibre or fibre optic connector; – they are passive devices in accordance with the categorization and definition provided in IEC 62538; – they have three or more ports for directionally transmitting optical power.

Keel en

Asendab EVS-EN 62077:2002

**FprEN 62614**

Identne FprEN 62614:2009

ja identne IEC 62614:200X

Tähtaeg 29.08.2009

**Fibre optics - Launch condition requirements for measuring multimode attenuation**

This International Standard describes the launch condition requirements used for measuring multimode attenuation in passive components and installed cable plant. In this International Standard, the fibre types that are addressed include category A1a (50/125 µm) and A1b (62,5 µm /125 µm) multimode fibres, as specified in IEC 60793-2-10. The nominal test wavelengths detailed are 850 nm and 1 300 nm. This International Standard may be suitable for multimode attenuation measurements for other multimode categories and/or other wavelengths, but the source condition for other categories and wavelengths are not defined here.

Keel en

**prEN 50310**

Identne prEN 50310:2009

Tähtaeg 29.08.2009

**Application of equipotential bonding and earthing in buildings with information technology equipment**

This European Standard specifies minimum requirements for earthing networks and connections (bonds) in buildings in which information technology equipment is intended to be installed to protect that equipment and interconnecting cabling from electrical hazards. Additionally this European Standard specifies requirements and provides recommendations for earthing networks and connections (bonds) in order for the information technology installation to achieve: a) reliable signal reference; b) adequate immunity from electromagnetic interference carried by the earthing network. The requirements of this European Standard are applicable to all types of buildings ranging from residential to large commercial and industrial premises. Operator buildings are addressed by ETSI EN 300 253. This European standard specifies an earthing and bonding configuration that is appropriate to specific mains and other power supply distribution systems.

Keel en

Asendab EVS-EN 50310:2006

**prEN 50443**

Identne prEN 50443:2009

Tähtaeg 29.08.2009

**Effects of electromagnetic interference on pipelines caused by high voltage a.c. railway systems and/or high voltage a.c. power supply systems**

The presence of ac power supply systems or of ac railway systems, in the following also indicated as ac power systems, may cause voltages to build up in pipeline systems, in the following indicated as interfered systems, running in the close vicinities of the systems above, due to one or more of the following mechanisms, i.e. to - inductive coupling, - conductive coupling, - capacitive coupling.

Keel en

## 35 INFOTEHNOLOOGIA. KONTORISEADMED

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 14908-5:2009**

Hind 256,00

Identne EN 14908-5:2009

**Open Data Communication in Building Automation, Controls andBuilding Management Implementation Guideline - ControlNetwork Protocol - Part 5: Implementation**

This specification provides mechanisms through which various vendors of networked control systems in commercial building automation, control, and building management may exchange information in a standardised way. This specification contains all the information necessary to facilitate the exchange of data and control information in an interoperable fashion using EN 14908-1 and its associated data-transport media specifications. This specification establishes a minimal set of rules for compliance. It does not rule-out extended services to be provided, given that the rules are adhered-to within the system. It is the intention of the standard to permit extended services to coexist and defines the bounds in which those services function, including the format for internal device-documentation of those services. Services outside purvey of this specification so long as they are adherents of the system are permitted but will not necessarily be interoperable with any other devices and shall not be essential for the functioning of the device. Certain aspects of this standard are defined in other documents. These documents are referenced where relevant. In the case where a referenced standard conflicts with this document, this document will prevail.

Keel en

**EVS-ISO/IEC 13335-1:2009**

Hind 188,00

ja identne ISO/IEC 13335-1:2004

**Infotehnoloogia. Turbemeetodid. Info- ja sidetehnoloogia turbe haldus. Osa 1: Info- ja sidetehnoloogia turbe halduse mõisted ja mudelid**

ISO/IEC 13335 sisaldab suuniseid info- ja sidetehnoloogia (IST) halduse kohta. ISO/IEC 13335 osa 1 esitab mõisted ja mudelid, mis on aluseks elementaarse ettekujutuse saamisele IST turbest, ning käsitleb üldisi IST turbe edukaks plaanimiseks, teostamiseks ja käigushoiuks olulisi halduskü simusi. Selle standardiga ei ole mõeldud soovitada IST turbe halduse mingit konkreetset metoodikat, vaid ISO/IEC 13335-1 esitab IST turbe halduseks kasulike mõistete ja mudelite üldise käsitluse. See materjal on üldine ning rakendatav paljudele eri haldusstiilidele ja organisatsioonikeskkondadele. Ta on üles ehitatud nii, et materjali on võimalik kohandada organisatsiooni ja ta konkreetse haldusstiili vajaduste rahuldamiseks.

Keel en

Asendab EVS-ISO/IEC TR 13335-1:1999; EVS-ISO/IEC TR 13335-2:1999

**EVS-ISO/IEC 15288:2009**

Hind 271,00

ja identne ISO/IEC 15288:2008

**Süsteemi- ja tarkvaratehnika. Süsteemi elutsükli protsessid**

Standard rajab ühise raamstruktuuri, millega kirjeldada inimese loodud süsteemide elutsüklit. Ta määratleb protsesside kogumi ja sellega seotud terminoloogia. Neid protsesse saab rakendada süsteemi struktuuri igal hierarhiatasemel. Nende protsesside valikkogumeid saab kogu elutsükli kestel rakendada süsteemi elutsükli järkude halduseks ja sooritamiseks. Seda tehakse kaasates kõiki huvitatud pooli, kusjuures lõppeesmärk on kliendi rahulolu saavutamine. See standard annab ka protsessid, mis toetavad organisatsioonis või projektis kasutatavate elutsükli protsesside määratlemist, juhtimist ja täiustamist. Neid elutsükli protsesse saavad organisatsioonid või projektid kasutada süsteemide hankimisel ja tarnimisel. See standard käsitleb neid süsteeme, mis on tehislikud ning mida võidakse konfigureerida sisaldama üht või mitut järgmistest: riistvara, tarkvara, inimesed, protsessid (nt protsessid teenuse andmiseks kasutajatele), protseduurid (nt operaatori juhised), ruumid, materjalid ja looduslikult esinevad olemid. Kui süsteemi element on tarkvara, võib selle süsteemielemendi teostamiseks kasutada tarkvara elutsükli protsesse, mis on dokumenteeritud standardis ISO/IEC 12207:2008. Need kaks standardit on ühtlustatud nende üheaegseks kasutamiseks ühes projektis või ühes organisatsioonis. Kui süsteemi element on riistvara, tuleb toetuda muudele rahvusvahelistele standarditele väljaspool SC 7 käsitlusala.

Keel en

Asendab EVS-ISO/IEC 15288:2004

**KAVANDITE ARVAMUSKÜSITLUS**

**FprEN 61158-2**

Identne FprEN 61158-2:2009

ja identne IEC 61158-2:200X

Tähtaeg 29.08.2009

**Industrial communication networks - Fieldbus specifications -- Part 2: Physical layer specification and service definition**

This part of IEC 61158 is one of a series produced to facilitate the interconnection ofautomation system components. It is related to other standards in the set as defined by the“three-layer” fieldbus reference model described in IEC/TR 61158-1.

Keel en

Asendab EVS-EN 61158-2:2008

**FprEN 61158-5-22**

Identne FprEN 61158-5-22:2009

ja identne IEC 61158-5-22:200X

Tähtaeg 29.08.2009

**Industrial communication networks - Fieldbus specifications - Part 5-22: Applicationlayer service definition - Type 22 elements**

The fieldbus application layer (FAL) provides user programs with a means to access the fieldbus communication environment. In this respect, the FAL can be viewed as a “window between corresponding application programs.” This standard provides common elements for basic time-critical and non-time-critical messaging communications between application programs in an automation environment and material specific to Type 22 fieldbus. The term “time-critical” is used to represent the presence of a time-window, within which one or more specified actions are required to be completed with some defined level of certainty. Failure to complete specified actions within the time window risks failure of the applications requesting the actions, with attendant risk to equipment, plant and possibly human life.

Keel en

**FprEN 61158-3-22**

Identne FprEN 61158-3-22:2009

ja identne EC 61158-3-22:200X

Tähtaeg 29.08.2009

**Industrial communication networks - Fieldbus specifications - Part 3-22: Data-link layer service definition - Type 22 elements**

This standard provides common elements for basic time-critical messaging communications between devices in an automation environment. The term “time-critical” is used to represent the presence of a time-window, within which one or more specified actions are required to be completed with some defined level of certainty. Failure to complete specified actions within the time window risks failure of the applications requesting the actions, with attendant risk to equipment, plant and possibly human life.

Keel en

**FprEN 61158-4-22**

Identne FprEN 61158-4-22:2009

ja identne IEC 61158-4-22:200X

Tähtaeg 29.08.2009

**Industrial communication networks - Fieldbus specifications - Part 4-22: Data-link layer protocol specification - Type 22 elements**

The data-link layer provides basic time-critical messaging communications between devices in an automation environment. This protocol provides communication opportunities to all participating data-link entities a) in a synchronously-starting cyclic manner, according to a pre-established schedule, and b) in a cyclic or acyclic asynchronous manner, as requested each cycle by each of those data-link entities. Thus this protocol can be characterized as one which provides cyclic and acyclic access asynchronously but with a synchronous restart of each cycle.

Keel en

**FprEN 61158-6-22**

Identne FprEN 61158-6-22:2009

ja identne IEC 61158-6-22:200X

Tähtaeg 29.08.2009

**Industrial communication networks - Fieldbus specifications - Part 6-22: Applicationlayer protocol specification - Type 22 elements**

The fieldbus Application Layer (FAL) provides user programs with a means to access the fieldbus communication environment. In this respect, the FAL can be viewed as a “window between corresponding application programs.” This standard provides common elements for basic time-critical and non-time-critical messaging communications between application programs in an automation environment and material specific to Type 22 fieldbus. The term “time-critical” is used to represent the presence of a time-window, within which one or more specified actions are required to be completed with some defined level of certainty. Failure to complete specified actions within the time window risks failure of the applications requesting the actions, with attendant risk to equipment, plant and possibly human life.

Keel en

**FprEN 61231**

Identne FprEN 61231:2009

ja identne IEC 61231:200X

Tähtaeg 29.08.2009

**International lamp coding system (ILCOS)**

This technical specification gives the rules for the international lamp coding system and covers all lamp categories, excluding vehicle lamps. Coding for the main lamp types is specified and, for the others, will follow by amendments to this technical specification as appropriate. The object of the international lamp coding system is: - to improve communication about the different types of lamps; - to help in discussions concerning interchangeability and compatibility of products; - to create a closer relationship between international standards and manufacturers’ literature (for example the code could be given in future in the relevant parts of a standard); - to enable correct replacements of lamps; - to be used as a complementary marking on the luminaire; - to replace national and regional coding systems.

Keel en

**FprEN 61784-1**

Identne FprEN 61784-1:2009

ja identne IEC 61784-1:200X

Tähtaeg 29.08.2009

**Industrial communication networks - Profiles -- Part 1: Fieldbus profiles**

This part of IEC 61784 defines a set of protocol specific communication profiles basedprimarily on the IEC 61158 series, to be used in the design of devices involved incommunications in factory manufacturing and process control.Each profile selects specifications for the communications protocol stack at a device. Itcontains a minimal set of required services at the Application Layer and specification ofoptions in intermediate layers defined through references. If no Application Layer is included,then a minimal set of required services at the Data-link layer is specified. The appropriatereferences to the protocol specific types are given in each communication profile family orassociated profiles.

Keel en

Asendab EVS-EN 61784-1:2008

**FprEN 61784-2**

Identne FprEN 61784-2:2009

ja identne IEC 61784-2:200X

Tähtaeg 29.08.2009

**Industrial communication networks - Profiles -- Part 2: Additional fieldbus profiles for real-time networks based on ISO/IEC 8802-3**

This part of IEC 61784 specifies• performance indicators supporting classification schemes for Real-Time Ethernet (RTE)requirements;• profiles and related network components based on ISO/IEC 8802-3, IEC 61158 series,and IEC 61784-1;• RTE solutions that are able to run in parallel with ISO/IEC 8802-3-based applications.These communication profiles are called Real-Time Ethernet communication profiles.

Keel en

Asendab EVS-EN 61784-2:2008

**FprEN 61784-2/FprA1**

Identne FprEN 61784-2:2009/FprA1:2009

ja identne IEC 61784-2:200X/A1:200X

Tähtaeg 29.08.2009

**Industrial communication networks - Profiles - Part 2: Additional fieldbus profiles for real-time networks based on ISO/IEC 8802-3**

This part of IEC 61784 specifies• performance indicators supporting classification schemes for Real-Time Ethernet (RTE)requirements;• profiles and related network components based on ISO/IEC 8802-3, IEC 61158 series,and IEC 61784-1;• RTE solutions that are able to run in parallel with ISO/IEC 8802-3-based applications.These communication profiles are called Real-Time Ethernet communication profiles.

Keel en

**FprEN 61784-3/FprA1**

Identne FprEN 61784-3:2009/FprA1:2009

ja identne IEC 61784-3:200X/A1:200X

Tähtaeg 29.08.2009

**Tööstuslikud kommunikatsioonivõrgud. Liigitus. Osa 3: Talitlusohutuse väljasiinid**

This part of the IEC 61784-3 series explains some common principles than can be used in the transmission of safety-relevant messages among participants within a distributed network using fieldbus technology in accordance with the requirements of IEC 61508 series2 for functional safety. These principles can be used in various industrial applications such as process control, manufacturing automation and machinery. This part3 and the IEC 61784-3-x parts specify several functional safety communication profiles based on the communication profiles and protocol layers of the fieldbus technologies in IEC 61784-1, IEC 61784-2 and the IEC 61158 series.

Keel en

**FprEN 62591**

Identne FprEN 62591:2009

ja identne IEC 62591:200X

Tähtaeg 29.08.2009

**Industrial communication networks - Wireless communication network and communication pofiles - WirelessHART**

This International Standard specifies an additional Type 20 communication network to IEC 61158-5-20, IEC 61158-6-20 and a Communication Profile CP 9/2 in addition to IEC 61784-1 CPF 9. This standard specifies the following: • Physical layer service definition and protocol specification, • Data-link layer service and protocol, • Application layer service and protocol, • Network management, • Security, • Communication profile, • Wireless procedures and • Gateway.

Keel en

**FprEN ISO 19115-2**

Identne FprEN ISO 19115-2:2009

ja identne ISO 19115-2:2009

Tähtaeg 29.08.2009

**Geographic information - Metadata - Part 2: Extensions for imagery and gridded data**

This part of ISO 19115 extends the existing geographic metadata standard by defining the schema required for describing imagery and gridded data. It provides information about the properties of the measuring equipment used to acquire the data, the geometry of the measuring process employed by the equipment, and the production process used to digitize the raw data. This extension deals with metadata needed to describe the derivation of geographic information from raw data, including the properties of the measuring system, and the numerical methods and computational procedures used in the derivation. The metadata required to address coverage data in general is addressed sufficiently in the general part of ISO 19115.

Keel en

**prEN 50310**

Identne prEN 50310:2009

Tähtaeg 29.08.2009

**Application of equipotential bonding and earthing in buildings with information technology equipment**

This European Standard specifies minimum requirements for earthing networks and connections (bonds) in buildings in which information technology equipment is intended to be installed to protect that equipment and interconnecting cabling from electrical hazards. Additionally this European Standard specifies requirements and provides recommendations for earthing networks and connections (bonds) in order for the information technology installation to achieve: a) reliable signal reference; b) adequate immunity from electromagnetic interference carried by the earthing network. The requirements of this European Standard are applicable to all types of buildings ranging from residential to large commercial and industrial premises. Operator buildings are addressed by ETSI EN 300 253. This European standard specifies an earthing and bonding configuration that is appropriate to specific mains and other power supply distribution systems.

Keel en

Asendab EVS-EN 50310:2006

## 43 MAANTEESÕIDUKITE EHITUS

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 50436-1:2005/AC:2009**

Hind 0,00

Identne EN 50436-1:2005/Corr:2009

**Alcohol interlocks - Test methods and performance requirements - Part 1: Instruments for drink-driving-offender programs**

Keel en

**EVS-EN 50436-2:2008/AC:2009**

Hind 0,00

Identne EN 50436-2:2007/Corr:2009

**Alcohol interlocks - Test methods and performance requirements -- Part 2: Instruments having a mouthpiece and measuring breath alcohol for general preventive use**

Keel en

**KAVANDITE ARVAMUSKÜSITLUS**

**prEN 624**

Identne prEN 624:2009

Tähtaeg 29.08.2009

**Vedelgaasiseadmete tehniline kirjeldus. Vedelgaaside ruumisoojendamise seadmed hermeetilises ruumis paigaldamiseks sõidukitesse ja laevadesse**

This European standard specifies the characteristics of safety, construction, performance and efficiency, the test methods and marking, of room sealed space heating equipment of type C (see CEN/TR 1749) with combustion air intake and outlet for the products of combustion in the wall, roof or floor, combined or not. These are referred to in the body of the text as "heaters", burning LPG, for vehicles and boats.

Keel en

Asendab EVS-EN 624:2001; EVS-EN 624:2001/A2:2007

**prEN 1949**

Identne prEN 1949:2009

Tähtaeg 29.08.2009

**Specification for the installation of LPG systems for habitation purposes in leisure accommodation vehicles and accommodation purposes in other vehicles**

This European Standard specifies the requirements for the installation of liquefied petroleum gas systems for habitation purposes in leisure accommodation vehicles and for accommodation purposes in other vehicles. It details safety and health requirements on the selection of materials, components and appliances, on design considerations and tightness testing of installations and on the contents of the user's handbook. This standard does not cover installations supplied from other than 3rd family gases (LPG), water connections or electrical power supplies to the appliance(s). Portable appliances, incorporating their own gas supply, are not considered part of the installation and are outside the scope of this standard. It does not include the installation of LPG appliances to be used for commercial purposes or for boats. Also, gas supply equipment and gas appliances separate from and external to the body of the vehicle are not considered by this standard.

Keel en

Asendab EVS-EN 1949:2002; EVS-EN 1949:2002/A1:2005

## 45 RAUDTEETEHNIKA

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS 867:2003+A1:2007+A2:2009**

Hind 135,00

ja identne EVS 867:2003+A1:2007+A2:2009

**Raudteealased rakendused. Reisijate ooteplatvormid**

Standard käsitleb raudteel reisijate ooteplatvormide projekteerimisele, ehitamisele ja hooldusele esitatavaid nõudeid, hõlmates nii uusi (ehitatavaid) kui ka olemasolevaid (rekonstrueeritavaid) ooteplatvorme, juurdepääsuteid ooteplatvormidele ning juurdepääsuteel asuvaid ülekäigukohti.

Keel et

Asendab EVS 867:2003+A1:2007

**EVS-EN 14067-4:2006+A1:2009**

Hind 209,00

Identne EN 14067-4:2005+A1:2009

**Raudteealased rakendused. Aerodünaamika. Osa 4: Aerodünaamilised nõuded ja katsemeetodid avatud rööbastel KONSOLIDEERITUD TEXT**

This European Standard applies to train-induced aerodynamic loading on open track caused by: - trains passing a permanent or temporary structure; - trains passing a person who is alongside the track; - two trains passing each other. This European Standard applies to open air structures of any length and closed structures of a length less than 20 m enveloping the tracks. For closed structures enveloping the tracks that are longer than 20 m EN 14067-5 applies. For effects caused by cross winds, the aerodynamic phenomena are described in prEN 14067-6. In addition, this European Standard applies to the resistance of motion for trains in open air.

Keel en

Asendab EVS-EN 14067-4:2006

**ASENDATUD VÕI TÜHISTATUD STANDARDID**

**EVS 867:2003+A1:2007**

ja identne EVS 867:2003+A1:2007

**Raudteealased rakendused. Reisijate ooteplatvormid**

Standard käsitleb raudtee uute ehitatavate ja olemasolevate rekonstrueeritavate reisijate ooteplatvormide projekteerimisele, ehitamisele ja hooldusele esitatavaid nõudeid.

Keel et

Asendab EVS 867:2003; EVS 867/A1:2007

Asendatud EVS 867:2003+A1:2007+A2:2009

**EVS-EN 14067-4:2006**

Identne EN 14067-4:2005

**Raudteealased rakendused. Aerodünaamika. Osa 4: Aerodünaamilised nõuded ja katsemeetodid avatud rööbastel**

This European Standard applies to train-induced aerodynamic loading on open track caused by:- trains passing a permanent or temporary structure;- trains passing a person who is alongside the track;- two trains passing each other.

Keel en

Asendatud EVS-EN 14067-4:2006+A1:2009

**KAVANDITE ARVAMUSKÜSITLUS**

**EN 14811:2006/FprA1**

Identne EN 14811:2006/FprA1:2009

Tähtaeg 29.08.2009

**Railway applications - Track - Special purpose rail - Grooved and associated construction**

This European Standard specifies requirements for grooved rails and associated construction rail profiles for grooved rail facilities with a linear mass of 42 kg/m and upwards for use in tram transport systems. Six pearlitic steel grades are specified in a hardness range between 200 HBW and 390 HBW. The rails are either non-heat-treated or heat-treated and are made from non-alloyed (C-Mn) steel in both cases. This standard specifies 18 specific grooved rail profiles and 7 specific construction rail profiles. The grooved rail profiles can also be used as construction elements in switches and crossings. Two grooved rail classes are specified differing in requirements for profile tolerances.

Keel en

**FprEN 61375-1**

Identne FprEN 61375-1:2009

ja identne IEC 61375-1:200X

Tähtaeg 29.08.2009

**Electronic railway equipment - Train communication network - Part 1: TCN - Train Communication Network general architecture**

This part of IEC 61375 applies to the architecture of data communication systems in Open Trains, i.e. it covers the architecture of a communication system for the data communication between vehicles of the said open trains, the data communication within the vehicles and the data communication from train to the ground. The applicability of this part of IEC61375 to the train network technologies as defined in allow for interoperability of individual vehicles within Open Trains in international traffic. The data communication systems inside vehicles are given as recommended solutions to cope with the said TCN. In any case, proof of compatibility between a proposed Train Backbone and a proposed Consist Network will have to be brought by the supplier. This part of IEC61375 may be additionally applicable to closed trains and multiple unit trains when so agreed between purchaser and supplier.

Keel en

**FprEN 61375-2-1**

Identne FprEN 61375-2-1:2009

ja identne IEC 61375-2-1:200X

Tähtaeg 29.08.2009

**Electronic railway equipment - Train communication network - Part 2-1: WTB - Wire Train Bus**

This part of IEC 61375 applies to data communication in Open Trains, i.e. it covers data communication between consists of the said open trains and data communication within the consists of the said open trains. The applicability of this standard to the train communication bus (WTB) allows for interoperability of individual consists within Open Trains in international traffic. The data communication bus inside consists (e.g. MVB) is given as recommended solution to cope with the said TCN. In any case, proof of compatibility between WTB and a proposed consist network will have to be brought by the supplier. This standard may be additionally applicable to closed trains and multiple unit trains when so agreed between purchaser and supplier.

Keel en

**FprEN 61375-2-2**

Identne FprEN 61375-2-2:2009

ja identne IEC 61375-2-2:200X

Tähtaeg 29.08.2009

**Electronic railway equipment - Train communication network - Part 2-2: WTB - Wire Train Bus conformance testing**

This part of IEC 61375 applies to all equipment and devices implemented according to IEC 61375-2-1, i.e. it covers the procedures to be applied to such equipment and devices when the conformance should be proven. The applicability of this standard to a TCN implementation allows for individual conformance checking of the implementation itself and is a pre-requisite for further interoperability checking between different TCN implementations.

Keel en

**FprEN 61375-3-1**

Identne FprEN 61375-3-1:2009

ja identne IEC 61375-3-1:200X

Tähtaeg 29.08.2009

**Electronic railway equipment - Train communication network - Part 3-1: MVB - Multipurpose Vehicle Bus**

This part of IEC 61375 applies where MVB is required.

Keel en

**FprEN 61375-3-2**

Identne FprEN 61375-3-2:2009

ja identne IEC 61375-3-2:200X

Tähtaeg 29.08.2009

**Electronic railway equipment - Train communication network - Part 3-2: MVB - Multipurpose Vehicle Bus conformance testing**

This part of IEC 61375 applies to all equipment and devices implemented according to IEC 61375-3-1, i.e. it covers the procedures to be applied to such equipment and devices when the conformance should be proven. The applicability of this standard to a TCN implementation allows for individual conformance checking of the implementation itself and is a pre-requisite for further interoperability checking between different TCN implementations.

Keel en

**FprEN 61375-3-3**

Identne FprEN 61375-3-3:2009

ja identne IEC 61375-3-3:200X

Tähtaeg 29.08.2009

**Electronic railway equipment - Train communication network - Part 3-3: CCN - CANopen Consist Network bus**

This part of the standard specifies the data communication bus inside consists that are based on CANopen. CANopen was developed for use in, but is not limited to, industrial automation applications. These applications may include devices such as input/output modules, motion controllers, human machine interfaces, sensors, closed-loop controllers, encoders, hydraulic valves or programmable controllers. In the application field of rail vehicles CANopen networks are utilized to network subsystems in consists such as e.g. brake control system, diesel engine control system and interior or exterior lighting control system. In addition CANopen is utilized as consist network to enable the data exchange between the different subsystems within one single rail vehicle or a group of rail vehicles sharing the same Consist Network.

Keel en

**FprEN 62520**

Identne FprEN 62520:2009

ja identne IEC 62520:200X

Tähtaeg 29.08.2009

**Railway applications - Electric traction - Short-primary type linear induction motors fed by power converters**

he standard applies to short-primary type linear induction motors (LIM) for propelling rail and road vehicles. This standard applies to a specific configuration of LIM that has the primary mounted on either the vehicle body or trucks and a secondary that is fixed to the track and that is connected only by a magnetic field with the primary. This standard is introduced because there are significant differences between the rotary induction motor and the LIM. These differences necessitate a different testing standard to ensure consistency, repeatability and dependability of the test results. For clarification, the significant differences are listed below.

Keel en

**prEN 15954-1**

Identne prEN 15954-1:2009

Tähtaeg 29.08.2009

**Railway applications - Track - Trailers and associated equipment - Part 1: Technical requirements for running and working**

This European Standard deals with the technical requirements to minimize the specific railway hazards of trailers and associated equipment, which can arise during the commissioning, the operation and the maintenance of trailers when carried out in accordance with the specification given by the manufacturer or his authorized representative. This European Standards applies to trailers that are not intended to operate signalling and control systems. Other similar machines are dealt with in other European Standards, see Annex G.

Keel en

**prEN 15954-2**

Identne prEN 15954-2:2009

Tähtaeg 29.08.2009

**Railway applications - Track - Trailers and associated equipment - Part 2: General safety requirements**

This European Standard deals with the significant hazards, hazardous situations and events, common to trailers, as defined in the scope of prEN xxxyy-1:2009, intended for construction, maintenance and/or inspection of the railway infrastructure, emergency rescue and recovery, when they are used as intended by the manufacturer, see clause 4. The manufacturer shall give warning of the risks concerning the conditions of misuse which are reasonably foreseeable.

Keel en

**prEN 15955-1**

Identne prEN 15955-1:2009

Tähtaeg 29.08.2009

**Railway applications - Track - Demountable machines and associated equipment - Part 1: Technical requirements for running and working**

This European Standard deals with the technical requirements to minimize the specific railway hazards of self propelled demountable machines - henceforward referred to as machines - and associated equipment, which can arise during the commissioning, the operation and the maintenance of these machines when carried out in accordance with the specification given by the manufacturer or his authorised representative. This European Standard applies to machines that are not intended to operate signalling and control systems. Other similar machines are dealt with in other European Standards, see Annex F.

Keel en

**prEN 15955-2**

Identne prEN 15955-2:2009

Tähtaeg 29.08.2009

**Railway applications - Track - Demountable machines and associated equipment - Part 2: General safety requirements**

This European Standard deals with the significant hazards, hazardous situations and events, common to demountable machines, as defined in prEN xxxzz-1, intended for construction, maintenance inspection of the railway infrastructure, shunting and emergency rescue vehicles, when they are used as intended by the manufacturer, see clause 4. The manufacturer shall give warning of the risks concerning the conditions of misuse which are reasonably foreseeable .

Keel en

## 47 LAEVAEHITUS JA MERE-EHITISED

**KAVANDITE ARVAMUSKÜSITLUS**

**prEN 624**

Identne prEN 624:2009

Tähtaeg 29.08.2009

**Vedelgaasiseadmete tehniline kirjeldus. Vedelgaaside ruumisoojendamise seadmed hermeetilises ruumis paigaldamiseks sõidukitesse ja laevadesse**

This European standard specifies the characteristics of safety, construction, performance and efficiency, the test methods and marking, of room sealed space heating equipment of type C (see CEN/TR 1749) with combustion air intake and outlet for the products of combustion in the wall, roof or floor, combined or not. These are referred to in the body of the text as "heaters", burning LPG, for vehicles and boats.

Keel en

Asendab EVS-EN 624:2001; EVS-EN 624:2001/A2:2007

## 49 LENNUNDUS JA KOSMOSETEHNIKA

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 3155-032:2009**

Hind 124,00

Identne EN 3155-032:2009

**Aerospace series - Electrical contacts used in elements ofconnection - Part 032: Contacts, electrical, coaxial, 50 ohms,size 5, male, type D, crimp, class R - Product standard**

This standard specifies the required characteristics, tests and tooling applicable to male electrical coaxial contacts, size 5, type D, crimp, class R, used in elements of connection according to EN 3155-002. It shall be used together with EN 3155-001. The associated female contacts are defined in EN 3155-033.

Keel en

**EVS-EN 3155-033:2009**

Hind 124,00

Identne EN 3155-033:2009

**Aerospace series - Electrical contacts used in elements ofconnection - Part 033: Contacts, electrical, coaxial, 50 ohms,size 5, female, type D, crimp, class R - Product standard**

This standard specifies the required characteristics, tests and tooling applicable to female electrical coaxial contacts, size 5, type D, crimp, class R, used in elements of connection according to EN 3155-002. It shall be used together with EN 3155-001. The associated male contacts are defined in EN 3155-032.

Keel en

**EVS-EN 3155-063:2009**

Hind 135,00

Identne EN 3155-063:2009

**Aerospace series - Electrical contacts used in elements ofconnection - Part 063: Contacts, electrical, coaxial, 50 ohms,size 1, male, type D, solder, class R - Product standard**

This standard specifies the required characteristics, tests and tooling applicable to male electrical coaxial contacts, size 1, type D, class R, used in elements of connection according to EN 3155-002. It is intended to be used together with EN 3155-001. The associated female contacts are defined in EN 3155-064.

Keel en

**EVS-EN 3155-064:2009**

Hind 124,00

Identne EN 3155-064:2009

**Aerospace series - Electrical contacts used in elements of connection - Part 064: Contacts, electrical, coaxial, 50 ohms, size 1, female, type D, solder, class R - Product standard**

This standard specifies the required characteristics, tests and tooling applicable to female electrical coaxial contacts, size 1, type D, class R, used in elements of connection according to EN 3155-002. It is intended to be used together with EN 3155-001. The associated male contacts are defined in EN 3155-063.

Keel en

**EVS-EN 3329:2009**

Hind 92,00

Identne EN 3329:2009

**Aerospace series — Steel FE-PL1503 (35CrMo4) — Annealed — Sheet and strip — 0,3 mm ≤ a ≤ 2 mm — For prevailing torque nuts**

This standard specifies the requirements relating to: Steel FE-PL1503 (35CrMo4) Annealed Sheet and strip 0,3 mm ≤ a ≤ 2 mm For prevailing torque nuts for aerospace applications.

Keel en

**EVS-EN 3475-802:2009**

Hind 80,00

Identne EN 3475-802:2009

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 802: Capacitance unbalance**

This standard specifies a method for measuring the capacitance unbalance for digital data transmission cable (within a pair or quad). It shall be used together with EN 3475-100.

Keel en

Asendab EVS-EN 3475-802:2002

**EVS-EN 3475-809:2009**

Hind 68,00

Identne EN 3475-809:2009

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 809: Resistance unbalance**

This standard specifies methods for measuring resistance unbalance for digital data transmission cable. It shall be used together with EN 3475-100.

Keel en

**EVS-EN 3475-810:2009**

Hind 80,00

Identne EN 3475-810:2009

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 810: Structural return loss**

This standard specifies methods for measuring structural return loss for digital data transmission cable. It shall be used together with EN 3475-100.

Keel en

**EVS-EN 3475-811:2009**

Hind 92,00

Identne EN 3475-811:2009

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 811: Unbalance attenuation**

This standard specifies methods for measuring unbalance attenuation signal in common mode converted into differential mode caused by the characteristics of symmetry of transmission cables. Terms relative to this attenuation are defined in Clause 3. It shall be used together with EN 3475-100.

Keel en

**EVS-EN 3660-017:2009**

Hind 105,00

Identne EN 3660-017:2009

**Aerospace series - Cable outlet accessories for circular andrectangular electrical and optical connectors - Part 017: Cableoutlet, style A, straight, unsealed, with cable tie strain relief -Product standard**

This product standard defines a range of cable outlets, style A, straight, unsealed, with cable tie strain relief. Associated electrical connector(s) : see EN 3660-002. Temperature range, Class A : − 65 °C to 200 °C Class N : − 65 °C to 200 °C Class W : − 65 °C to 175 °C

Keel en

**EVS-EN 3660-018:2009**

Hind 105,00

Identne EN 3660-018:2009

**Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 018: Cable outlet, style A, 90°, unsealed, with cable tie strain relief - Product standard**

This product standard defines a range of cable outlets, style A, 90°, unsealed, with cable tie strain relief. Associated electrical connector(s) : see EN 3660-002. Temperature range, Class A : − 65 °C to 200 °C Class N : − 65 °C to 200 °C Class W : − 65 °C to 175 °C

Keel en

**EVS-EN 12312-1:2001+A1:2009**

Hind 145,00

Identne EN 12312-1:2001+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 1: Reisijate trepid KONSOLIDEERITUD TEKST**

This Part of EN 12312 deals with the technical requirements to minimise the hazards listed in clause 4 which can arise during the commissioning, the operation and the maintenance of passenger stairs when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some requirements recognized as essential by the health and safety authorities, aircraft and vehicle manufacturers as well as airlines and handling agencies. This standard applies to: - self-propelled stairs with seated driver (see annex A); - pedestrian controlled stairs; - towable stairs equipped with powered means, e.g. for height adjustment, stabilizers (see annex A); - automatic levelling systems of stairs; for embarking/disembarking of passengers.

Keel en

Asendab EVS-EN 12312-1:2001

**EVS-EN 12312-2:2002+A1:2009**

Hind 178,00

Identne EN 12312-2:2002+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 2: Toitlustussõidukid KONSOLIDEERITUD TEKST**

This European Standard specifies the technical requirements to minimise the hazards listed in clause 4 which can arise during the commissioning, the operation and the maintenance of catering vehicles when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies. This standard applies to self-propelled catering vehicles, with seated driver, equipped with a liftable van body. Examples of catering vehicles are shown in annex A. Vehicles of a similar design within the load limits of this standard used as GSE for other purposes e.g. cleaning equipment, exchange of aircraft seats, are also covered by this European Standard.

Keel en

Asendab EVS-EN 12312-2:2002

**EVS-EN 12312-3:2003+A1:2009**

Hind 166,00

Identne EN 12312-3:2003+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 3: Konveierrihmaga sõidukid KONSOLIDEERITUD TEKST**

This European Standard specifies the technical requirements to minimise the hazards listed in clause 4 which can arise during the commissioning, operation and maintenance of conveyor belt vehicles when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies. This standard applies to: - self-propelled conveyor belt vehicles with or without driver's accommodation; - self-propelled conveyor belt vehicles equipped with a van body; - towed conveyor belt vehicles,

Keel en

Asendab EVS-EN 12312-3:2003

**EVS-EN 12312-4:2003+A1:2009**

Hind 166,00

Identne EN 12312-4:2003+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 4: Reisijate sild lennukisse minemiseks KONSOLIDEERITUD TEKST**

This European Standard specifies the technical requirements to minimise the hazards listed in clause 4 which can arise during the commissioning, operation and maintenance of PBB's when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some require-ments recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies. This standard applies to: - apron-drive bridges; - fixed-head bridges (also referred to as nose-loaders) or pedestal bridges; - suspended bridges,

Keel en

Asendab EVS-EN 12312-4:2003

**EVS-EN 12312-5:2005+A1:2009**

Hind 219,00

Identne EN 12312-5:2005+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 5: Lennukite tankimisseadmed KONSOLIDEERITUD TEKST**

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise dur-ing the commissioning, operation and maintenance of AFE when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some performance require-ments recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines, airports and fuelling companies. This document applies to all types of aircraft fuelling equipment: - aircraft refuellers; - hydrant dispensers; - defuellers; - hydrant pit servicing vehicles; - stationary dispensing units, intended to service aircraft with aviation fuels and to be operated on airfields, heliports and other aircraft refuelling related areas such as maintenance bases.

Keel en

Asendab EVS-EN 12312-5:2005

**EVS-EN 12312-6:2004+A1:2009**

Hind 209,00

Identne EN 12312-6:2004+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 6: Jäätõrjevahendid ja jäätõrje/jäätumiskontrolliseadmed KONSOLIDEERITUD TEKST**

This European Standard specifies the technical requirements to minimise the hazards listed in clause 4 which can arise during the commissioning, operation and maintenance of deicers and equipment designed exclusively for deicing and washing of aircraft with deicing/antiicing/washing liquids when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some performance requirements recognised as essential by authorities, aircraft and GSE manufacturers as well as airlines and handling agencies.

Keel en

Asendab EVS-EN 12312-6:2004

**EVS-EN 12312-7:2005+A1:2009**

Hind 155,00

Identne EN 12312-7:2005+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 7: Lennukite teisaldamisseadmedKONSOLIDEERITUD TEKST**

This European Standard specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of aircraft movement equipment when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some performance requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies. This European Standard applies to: - aircraft tractors with driver accommodation; - pedestrian controlled aircraft movement equipment; - moveable parts of ramp integrated systems; - attachment bars, used for all operations, utilizing aircraft movement equipment, e.g.: - push back; - maintenance towing; - dispatch towing (operational towing).

Keel en

Asendab EVS-EN 12312-7:2005

**EVS-EN 12312-8:2005+A1:2009**

Hind 145,00

Identne EN 12312-8:2005+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 8: Hooldustrepid ja platvormid KONSOLIDEERITUD TEKST**

This European Standard specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of maintenance stairs and platforms when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some performance requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and maintenance and handling agencies.

Keel en

Asendab EVS-EN 12312-8:2005

**EVS-EN 12312-9:2005+A1:2009**

Hind 178,00

Identne EN 12312-9:2005+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 9: Konteinerite/aluste laadimisseadmed KONSOLIDEERITUD TEKST**

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of container/pallet loaders when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some performance requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies.

Keel en

Asendab EVS-EN 12312-9:2005

**EVS-EN 12312-10:2005+A1:2009**

Hind 155,00

Identne EN 12312-10:2005+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 10: Konteinerite/aluste transportöörid KONSOLIDEERITUD TEKST**

This European Standard specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of container/pallet transfer transporters when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some performance requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies.

Keel en

Asendab EVS-EN 12312-10:2005

**EVS-EN 12312-12:2002+A1:2009**

Hind 135,00

Identne EN 12312-12:2002+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 12: Joogivee teenidusseadmed KONSOLIDEERITUD TEKST**

This European Standard specifies the technical requirements to minimise the hazards listed in clause 4 which can arise during the commissioning, operation and maintenance of potable water service equipment when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies. This standard applies to: - self-propelled potable water vehicles; - towable potable water vehicles; - moveable parts of ramp integrated systems,

Keel en

Asendab EVS-EN 12312-12:2002

**EVS-EN 12312-13:2002+A1:2009**

Hind 135,00

Identne EN 12312-13:2002+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 13: WC teenindusseadmed KONSOLIDEERITUD TEKST**

This European Standard specifies the technical requirements to minimise the hazards listed in clause 4 which can arise during the commissioning, operation and maintenance of lavatory service equipment when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies. This standard applies to: - self-propelled lavatory vehicles; - towable lavatory vehicles; - moveable parts of ramp integrated systems,

Keel en

Asendab EVS-EN 12312-13:2002

**EVS-EN 12312-14:2006+A1:2009**

Hind 166,00

Identne EN 12312-14:2006+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 14: Lennukile mineku seadmed puuetega/teovõimetutele reisijatele KONSOLIDEERITUD TEKST**

This European Standard specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of disabled/incapacitated passenger boarding vehicles when used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer or his authorised representative. It also takes into account some performance requirements recognized as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies. This European Standard defines specific safety requirements for transporters/boarding vehicles for transporting/boarding incapacitated or disabled passengers as defined under 3.1, hereafter referred to as boarding vehicles.

Keel en

Asendab EVS-EN 12312-14:2006

**EVS-EN 12312-15:2006+A1:2009**

Hind 155,00

Identne EN 12312-15:2006+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 15: Pagasi ja seadmete veovahendid KONSOLIDEERITUD TEKST**

This European Standard specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of baggage and equipment tractors, when used as in-tended and under the conditions of misuse which are reasonably forseeable by the manufacturer or his authorised representative. It also takes into account some performance requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies.

Keel en

Asendab EVS-EN 12312-15:2006

**EVS-EN 12312-16:2005+A1:2009**

Hind 135,00

Identne EN 12312-16:2005+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 16: Õhuskäivitusseadmed KONSOLIDEERITUD TEKST**

This European Standard specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of air start equipment when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some performance requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies.

Keel en

Asendab EVS-EN 12312-16:2005

**EVS-EN 12312-17:2004+A1:2009**

Hind 135,00

Identne EN 12312-17:2004+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 17: Kliimaseadmed KONSOLIDEERITUD TEKST**

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of specific air conditioning equipment for aircraft ground support, when carried out in accordance with the specifications given by the manufacturer or his authorised repre-sentative. It also takes into account some performance requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies.

Keel en

Asendab EVS-EN 12312-17:2004

**EVS-EN 12312-18:2005+A1:2009**

Hind 135,00

Identne EN 12312-18:2005+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 18: Lämmastiku- või hapnikuseadmed KONSOLIDEERITUD TEKST**

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of nitrogen or oxygen units when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some performance requirements recognised as essential by authorities, aircraft and ground support equipment (GSE), manufacturers as well as airlines and handling agencies.

Keel en

Asendab EVS-EN 12312-18:2005

**EVS-EN 12312-19:2005+A1:2009**

Hind 135,00

Identne EN 12312-19:2005+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 19: Lennukite tungrauad, telje kinnitusrakised/tõstukid ja hüdraulilised tagapukid KONSOLIDEERITUD TEKST**

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of aircraft jacks, axle jacks and hydraulic tail stanchions when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some performance requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies.

Keel en

Asendab EVS-EN 12312-19:2005

**EVS-EN 12312-20:2005+A1:2009**

Hind 135,00

Identne EN 12320-20:2005+A1:2009

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 20: Elektrilised maapealsed vooluallikad KONSOLIDEERITUD TEKST**

This European Standard specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of ground power equipment, when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some performance requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and service companies.

Keel en

Asendab EVS-EN 12312-20:2005

**ASENDATUD VÕI TÜHISTATUD STANDARDID**

**EVS-EN 3475-802:2002**

Identne EN 3475-802:2002

**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 802: Capacitance unbalance**

This standard specifies a method for measuring the capacitance unbalance as a percentage of a cable (within a pair). It shall be used together with EN 3475-100.

Keel en

Asendatud EVS-EN 3475-802:2009

**EVS-EN 12312-2:2002**

Identne EN 12312-2:2002

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 2: Toitlustussõidukid**

This European Standard specifies the technical requirements to minimize the hazards listed in clause 4 which can arise during the commissioning, the operation and the maintenance of catering vehicles when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some requirements recognized as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies

Keel en

Asendatud EVS-EN 12312-2:2002+A1:2009

**EVS-EN 12312-3:2003**

Identne EN 12312-3:2003

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 3: Konveierrihmaga sõidukid**

This European Standard specifies the technical requirements to minimize the hazards listed in clause 4 which can arise during the commissioning, operation and maintenance of conveyor belt vehicles when carried out in accordance with the specifications given by the manufacturer or his authorized representative. It also takes into account some requirements recognized as essential by authorities, aircraft and GSE manufacturers as well as airlines and handling agencie

Keel en

Asendatud EVS-EN 12312-3:2003+A1:2009

**EVS-EN 12312-4:2003**

Identne EN 12312-4:2003

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 4: Reisijate sild lennukisse minemiseks**

This European Standard specifies the technical requirements to minimize the hazards listed in clause 4 which can arise during the commissioning, operation and maintenance of PBB's when carried out in accordance with the specifications given by the manufacturer or his authorized representative. It also takes into account some requirements recognized as essential by authorities, aircraft and GSE manufacturers as well as air-lines and handling agencies

Keel en

Asendatud EVS-EN 12312-4:2003+A1:2009

**EVS-EN 12312-12:2002**

Identne EN 12312-12:2002

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 12: Joogivee teenidusseadmed**

This Part of this European Standard deals with the technical requirements to minimize the hazards listed in clause 4 which can arise during the commissioning, operation and maintenance of potable water service equipment when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some requirements recognized as essential by authorities, aircraft and GSE manufacturers as well as airlines and handling agencies

Keel en

Asendatud EVS-EN 12312-12:2002+A1:2009

**EVS-EN 12312-13:2002**

Identne EN 12312-13:2002

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 13: WC teenindusseadmed**

This Part of the European Standard deals with the technical requirements to minimize the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of lavatory service equipment when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some requirements recognized as essential by authorities, aircraft and GSE manufacturers as well as airlines and handling agencies

Keel en

Asendatud EVS-EN 12312-13:2002+A1:2009

**EVS-EN 12312-1:2001**

Identne EN 12312-1:2001

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 1: Reisijate trepid**

This Part of EN 12312 deals with the tchnical requirements to minimise the azards listed in clause 4 which can arise during the commissioning, the operation and the maintenance of passenger stairs when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes onto account some requirements recognized as essential by the health and safety authorities, aircraft and vecicle manufacturers as well as airlines and handing agencies.

Keel en

Asendatud EVS-EN 12312-1:2001+A1:2009

**EVS-EN 12312-5:2005**

Identne EN 12312-5:2005

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 5: Lennukite tankimisseadmed**

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of AFE when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some performance requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines, airports and fuelling companies.

Keel en

Asendatud EVS-EN 12312-5:2005+A1:2009

**EVS-EN 12312-6:2004**

Identne EN 12312-6:2004

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 6: Jäätõrjevahendid ja jäätõrje/jäätumiskontrolliseadmed**

This European Standard specifies the technical requirements to minimise the hazards listed in clause 4 which can arise during the commissioning, operation and maintenance of deicers and equipment designed exclusively for deicing and washing of aircraft with deicing/antiicing/washing liquids when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some requirements recognised as essential by authorities, aircraft and GSE manufacturers as well as airlines and handling agencies.

Keel en

Asendatud EVS-EN 12312-6:2004+A1:2009

**EVS-EN 12312-7:2005**

Identne EN 12312-7:2005

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 7: Lennukite teisaldamisseadmed**

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of aircraft movement equipment when carried out in accordance with the specifications given by the manufacturer or his authorised representative.

Keel en

Asendatud EVS-EN 12312-7:2005+A1:2009

**EVS-EN 12312-8:2005**

Identne EN 12312-8:2005

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 8: Hooldustrepid ja platvormid**

This European Standard specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of maintenance stairs and platforms when carried out in accordance with the specifications given by the manufacturer or his authorised representative.

Keel en

Asendatud EVS-EN 12312-8:2005+A1:2009

**EVS-EN 12312-9:2005**

Identne EN 12312-9:2005

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 9: Konteinerite/aluste laadimisseadmed**

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of container/pallet loaders when carried out in accordance with the specifications given by the manufacturer or his authorised representative.

Keel en

Asendatud EVS-EN 12312-9:2005+A1:2009

**EVS-EN 12312-10:2005**

Identne EN 12312-10:2005

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 10: Konteinerite/aluste transportöörid**

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of container/pallet transfer transporters when carried out in accordance with the specifications given by the manufacturer or his authorised representative.

Keel en

Asendatud EVS-EN 12312-10:2005+A1:2009

**EVS-EN 12312-14:2006**

Identne EN 12312-14:2006

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 14: Lennukile mineku seadmed puuetega/teovõimetutele reisijatele**

This European Standard specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of disabled/incapacitated passenger boarding vehicles when used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer or his authorised representative. It also takes into account some performance requirements recognized as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies. This European Standard defines specific safety requirements for transporters/boarding vehicles for transporting/boarding incapacitated or disabled passengers as defined under 3.1, hereafter referred to as boarding vehicles.

Keel en

Asendatud EVS-EN 12312-14:2006+A1:2009

**EVS-EN 12312-15:2006**

Identne EN 12312-15:2006

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 15: Pagasi ja seadmete veovahendid**

This European Standard specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of baggage and equipment tractors, when used as intended and under the conditions of misuse which are reasonably forseeable by the manufacturer or his authorised representative.

Keel en

Asendatud EVS-EN 12312-15:2006+A1:2009

**EVS-EN 12312-16:2005**

Identne EN 12312-16:2005

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 16: Õhuskäivitusseadmed**

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of air start equipment when carried out in accordance with the specifications given by the manufacturer or his authorised representative.

Keel en

Asendatud EVS-EN 12312-16:2005+A1:2009

**EVS-EN 12312-17:2004**

Identne EN 12312-17:2004

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 17: Kliimaseadmed**

This European Standard specifies the technical requirements to minimise the hazards listed in clause 4 which can arise during the commissioning, operation and maintenance of specific air conditioning equipment for aircraft ground support, when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies.

Keel en

Asendatud EVS-EN 12312-17:2004+A1:2009

**EVS-EN 12312-18:2005**

Identne EN 12312-18:2005

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 18: Lämmastiku- või hapnikuseadmed**

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the  ommissioning, operation and maintenance of nitrogen or oxygen units when carried out in accordance with the specifications given by the manufacturer or his authorised representative.

Keel en

Asendatud EVS-EN 12312-18:2005+A1:2009

**EVS-EN 12312-19:2005**

Identne EN 12312-19:2005

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 19: Lennukite tungrauad, telje kinnitusrakised/tõstukid ja hüdraulilised tagapukid**

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of aircraft jacks, axle jacks and hydraulic tail stanchions when carried out in accordance with the specifications given by the manufacturer or his authorised representative.

Keel en

Asendatud EVS-EN 12312-19:2005+A1:2009

**EVS-EN 12312-20:2005**

Identne EN 12312-20:2005

**Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 20: Elektrilised maapealsed vooluallikad**

This European Standard specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of ground power equipment, when carried out in accordance with the specifications given by the manufacturer or his authorised representative.

Keel en

Asendatud EVS-EN 12312-20:2005+A1:2009

**KAVANDITE ARVAMUSKÜSITLUS**

**FprEN 2862**

Identne FprEN 2862:2009

Tähtaeg 29.08.2009

**Aerospace series - Nuts, anchor, self-locking, fixed, 90° corner, with counterbore, in alloy steel, cadmium plated, MoS2 lubricated - Classification : 1 100 MPa (at ambient temperature) / 235 °C**

This standard specifies the characteristics of 90° corner, counterbored, fixed, anchor nuts, with a self-locking feature achieved by forming the upper portion out-of-round, in alloy steel, cadmium plated, MoS2 lubricated. Classification: 1 100 MPa 1) / 235 °C 2)

Keel en

**FprEN 3229**

Identne FprEN 3229:2009

Tähtaeg 29.08.2009

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

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

Keel en

**FprEN 3456**

Identne FprEN 3456:2009

Tähtaeg 29.08.2009

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

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

Keel en

**FprEN 3464**

Identne FprEN 3464:2009

Tähtaeg 29.08.2009

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

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

Keel en

**FprEN 4113**

Identne FprEN 4113:2009

Tähtaeg 29.08.2009

**Aerospace series - Clamps, loop ("P" type) in corrosion resisting steel, passivated with rubber cushioning - Dimensions, masses**

This standard specifies the required characteristics of loop style clamps (“P” type) in corrosion resisting steel, passivated with various cushion materials. These clamps are used for supporting aerospace pipe assemblies and electrical cable bundles. For temperature range and environmental considerations see the various cushion material standards.

Keel en

Asendab EVS-EN 4113:2002

**FprEN 4114**

Identne FprEN 4114:2009

Tähtaeg 29.08.2009

**Aerospace series - Clamps, loop ("P" type) in aluminium alloy with rubber cushioning - Dimensions, masses**

This standard specifies the required characteristics of loop style clamps (“P” type) in aluminium alloy with various cushion materials. These clamps are used for supporting aerospace pipe assemblies and electrical cable bundles. They are used up to 80 °C max. Usage at a higher temperature is at the option of the user. For temperature range and environmental considerations see the various cushion material standards.

Keel en

Asendab EVS-EN 4114:2002

**FprEN 4234**

Identne FprEN 4234:2009

Tähtaeg 29.08.2009

**Aerospace series - Clamps, worm drive - Dimensions, masses**

This standard specifies the characteristics of worm drive clamps designed for use with suitable rubber hoses to form joints in fluid system pipelines for aerospace applications.

Keel en

Asendab EVS-EN 4234:2006

**FprEN 4632-005**

Identne FprEN 4632-005:2009

Tähtaeg 29.08.2009

**Aerospace series - Weldability and brazeability of materials in aerospace constructions - Part 005: Homogeneous assemblies of heat resisting Ni or Co base alloys**

This standard defines degrees of weldability and brazeability for materials or families of materials used in the aerospace industry. It comprises a series of sheets, by materials or by material family, which: - indicate the main titles, the typical chemical composition and the main characteristics, - contain recommendations for welding and brazing, - indicate a degree of weldability or brazeability for a given process under defined conditions. - indicate a value of the mechanical strength coefficient of the welded joint for each welding process, when it could be extracted from bibliographic references referring to it. The joint coefficient is expressed as a ratio of the tensile strength of the welded joint to the tensile strength of the base alloy (to be in accordance with EN 4632-002). It is applicable without restriction for the manufacturing of new parts or for repair.

Keel en

## 53 TÕSTE- JA TEISALDUS-SEADMED

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 14439:2007+A2:2009**

Hind 256,00

Identne EN 14439:2006+A2:2009

**Kraanad. Ohutus. Tornkraanad KONSOLIDEERITUD TEKST**

This European Standard specifies safety requirements: - for tower cranes and - for climbing systems used with the tower cranes/masts of tower cranes for which they have been designed. They are classified as external or internal systems.

Keel en

Asendab EVS-EN 14439:2007

**EVS-EN ISO 7096:2008/AC:2009**

Hind 0,00

Identne EN ISO 7096:2008/AC:2009

**Mullatöömasinad. Operaatori istme vibratsiooni laboratoorne hindamine**

Keel en

**ASENDATUD VÕI TÜHISTATUD STANDARDID**

**EVS-EN 14439:2007**

Identne EN 14439:2006

**Kraanad. Ohutus. Tornkraanad**

This European Standard specifies safety requirements for tower cranes. This European Standard applies to tower cranes for construction work, which are either erected by parts or self erecting cranes.

Keel en

Asendatud EVS-EN 14439:2007+A2:2009

**KAVANDITE ARVAMUSKÜSITLUS**

**EN 1459:1999/FprA2**

Identne EN 1459:1998/FprA2:2009

Tähtaeg 29.08.2009

**Tööstuslike mootorkärude ohutus. Erineva töötsooniga liikurkärud**

This Standard applies to self-propelled seated rider operated variable trucks. For the purpose of this standard, self-propelled seated rider operated reach trucks are counterbalanced lift trucks with booms used for stacking loads.

Keel en

**FprEN 13000**

Identne FprEN 13000:2009

Tähtaeg 29.08.2009

**Kraanad. Liikurkraanad**

This European Standard is applicable to the design, construction, installation of safety devices, information for use, maintenance and testing of mobile cranes as defined in ISO 4306-2 with the exception of loader cranes (see 3.1.1 of EN 12999:2002). Examples of mobile crane types and of their major parts are given in Annexes A and B. This standard does not cover hazards related to the lifting of persons.

Keel en

Asendab EVS-EN 13000:2004

**prEN 280**

Identne prEN 280:2009

Tähtaeg 29.08.2009

**Mobiilsed tõstmise tööplatvormid. Kavandamisarvutused. Stabiilsusekriteeriumid. Valmistamine. Ohutus. Hindamised ja katsetused**

1.1 This European Standard specifies technical safety requirements and measures for all types and sizes of Mobile Elevating Work Platform (MEWP) intended to move persons to working positions where they are carrying out work from the work platform (WP) with the intention that persons are getting on and off the work platform only at access positions at ground level or on the chassis. 1.2 This European Standard is applicable to the structural design calculations and stability criteria, construction, safety examinations and tests before MEWPs are first put into service. It identifies the hazards arising from the use of MEWPs and describes methods for the elimination or reduction of these hazards.

Keel en

Asendab EVS-EN 280:2002

## 55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 415-1:2000+A1:2009**

Hind 256,00

Identne EN 415-1:2000+A1:2009

**Pakkemasinate ohutus. Osa 1: Pakkemasinate ja tarvikute terminoloogia ja klassifikatsioon KONSOLIDEERITUD TEKST**

This European standard defines the field of packaging machines in detail in clause 3, but briefly these are: Filling and Dosing machines Closing machines Labelling, decorating and coding machines Cleaning, sterilising, cooling and drying machines Fill and seal machines Inspection machines Container and component handling machines Form, fill and seal machines Cartoning machines Wrapping machines Group or transit packaging machines Pallet or loading unit forming, dismantling and securing machines Annex A indicates where hazards and safety requirements for these machines can be found. In most cases this will be in one of the parts of EN415, but in some cases it may be another European or ISO standard. Where no specific standard covers a particular machine Annex A will indicate the most appropriate standard which can be referred to for advice.

Keel en

Asendab EVS-EN 415-1:2000

**EVS-EN 15766:2009**

Hind 80,00

Identne EN 15766:2009

**Packaging - Flexible aluminium tubes - Test methods to determine the polymerization of the internal coating with acetone**

This standard specifies a method for the determination of the polymerization of the internal coating of aluminium tubes with acetone.

Keel en

**ASENDATUD VÕI TÜHISTATUD STANDARDID**

**EVS-EN 415-1:2000**

Identne EN 415-1:2000

**Pakkemasinate ohutus. Osa 1: Pakkemasinate ja tarvikute terminoloogia ja klassifikatsioon**

This European standard defines the field of packaging machines in detail in clause 3, but briefly these are: filling and dosing machines; closing machines; labelling, decorating and coding machines; fill and seal machines; inspection machines; container and componenthandling machines; form, fill and seal machines; cartoning machines; wrapping machines; group of transit packaging machines; pallet or loading unit forming, dismantling and securing machines.

Keel en

Asendatud EVS-EN 415-1:2000+A1:2009

**KAVANDITE ARVAMUSKÜSITLUS**

**EN 415-5:2006/FprA1**

Identne EN 415-5:2006/FprA1:2009

Tähtaeg 29.08.2009

**Pakkemasinate ohutus. Osa 5: Pakendamismasinad**

This European Standard specifies safety requirements for wrapping machines; it applies to:- wrapping machines which partially wrap products (see figures 1-4) - wrapping machines which form a complete wrap without sealing (see figures 5-7) - wrapping machines which form a complete wrap with sealing (see figures 8-14) - shrink tunnels which are connected to wrapping machines covered by this standard (see figures 15-16)

Keel en

**prEN 15946**

Identne prEN 15946:2009

Tähtaeg 29.08.2009

**Conservation of cultural property - Packing methods**

This European Standard defines the principles of packing stabilized or conditioned objects in transit.

Keel en

**prEN ISO 13127**

Identne prEN ISO 13127:2009

ja identne ISO/DIS 13127:2009

Tähtaeg 29.08.2009

**Packaging - Child resistant packaging - Mechanical test methods for reclosable child resistant packaging systems**

This document specifies test schedules for mechanical testing of reclosable child resistant packaging. It is intended to generate data from an existing child resistant package type-approved according to ISO 8317 as reference data. These data can be used for the verification of equivalency of a child resistant package system to the type-approved package (e.g. for modification of packaging properties either of material or dimension) and helps reduce panel tests. This international standard is not intended for quality assurance and control purposes.

Keel en

## 59 TEKSTIILI- JA NAHATEHNOLOOGIA

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 12545:2000+A1:2009**

Hind 114,00

Identne EN 12545:2000+A1:2009

**Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Mürakatse kood. Ühtsed nõuded KONSOLIDEERITUD TEKST**

This noise test code specifies common requirements necessary to carry out efficiently and under standardised conditions the determination, declaration and verification of the noise emission characteristics of the following leather and imitation leather goods and footwear manufacturing machinery: - Cutting and punching machines (EN 12044); - Roughing, scouring, polishing and trimming machines (EN 930); - Footwear moulding machines (EN 1845); - Lasting machines (EN 931); - Nailing machines (EN 12653); - Modular shoe repair equipment (EN 12387); - Shoe and leather presses (EN 12203); - Splitting, skiving, cutting, cementing and cement drying machines (EN 13457).

Keel en

Asendab EVS-EN 12545:2000

**ASENDATUD VÕI TÜHISTATUD STANDARDID**

**EVS-EN 12545:2000**

Identne EN 12545:2000

**Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Mürakatse kood. Ühtsed nõuded**

This noise test code specifies all the information necessary to carry out efficiently and under standardized conditions the determination, declaration and verification of the noise emission characteristics of leather and imitation leather goods and footwear manufacturing machinery.

Keel en

Asendatud EVS-EN 12545:2000+A1:2009

**KAVANDITE ARVAMUSKÜSITLUS**

**prEN ISO 9554**

Identne prEN ISO 9554:2009

ja identne ISO/DIS 9554:2009

Tähtaeg 29.08.2009

**Fibre ropes - General specification**

This International Standard specifies the general characteristics of fibre ropes and their constituent materials. It is intended to be used in conjunction with the standards for the individual types of fibre rope, which cover the physical properties and specific requirements for that particular product type. This International Standard also gives some information on the use of fibre ropes and also on their inspection and retirement criteria. This International Standard does not intend to address all of the safety matters associated with its use. It is the responsibility of the user to select a rope type of the size and with the physical properties to meet the requirements of the application and to determine the applicability of regulatory limitations prior to its use.

Keel en

Asendab EVS-EN ISO 9554:2005

**prEN ISO 105-D01**

Identne prEN ISO 105-D01:2009

ja identne ISO/DIS 105-D01:2009

Tähtaeg 29.08.2009

**Textiles - Tests for colour fastness - Part D01: Colour fastness to dry cleaning using perchloroethylene solvent**

1.1 This part of ISO 105 specifies a method for determining the resistance of the colour of textiles of all kinds and in all forms to drycleaning in perchloroethylene solvent. 1.2 This method is neither suitable for the evaluation of the durability of textile finishes, nor is it intended for use in evaluating the resistance of colours to spot and stain removal procedures used by the drycleaner. 1.3 This test covers colour fastness to drycleaning only; commercial drycleaning practice normally involves other operations, such as water spotting, solvent spotting and steam pressing, etc., for which other standard test methods are available if the full response to drycleaning of a textile is to be assessed. 1.4 The presence of absorbed water in drycleaning solvent, or the presence of a detergent and water in a drycleaning solvent, are known to alter the colour fastness properties of some materials. This test requires the assessment of the material under test in a dry state, using solvent alone, within containers that do not contain water. 1.5 Fastness to drycleaning, without further qualification in this standard, means fastness to drycleaning in perchloroethylene. However, if required, other solvents that are used for textile cleaning may be used.

Keel en

Asendab EVS-EN ISO 105-D01:2000

**prEN ISO 2307**

Identne prEN ISO 2307:2009

ja identne ISO/DIS 2307:2009

Tähtaeg 29.08.2009

**Fibre ropes - Determination of certain physical and mechanical properties**

This International Standard specifies, for ropes of different kinds, a method of determining each of the following characteristics: - linear density; - lay length; - braided pitch; - elongation; - breaking force.

Keel en

Asendab EVS-EN ISO 2307:2005

**prEN ISO 32100**

Identne prEN ISO 32100:2009

ja identne ISO/DIS 32100:2009

Tähtaeg 29.08.2009

**Rubber- or plastics-coated fabrics - Physical and mechanical tests - Determination of flex resistance by the flexometer method**

This standard specifies a test method for evaluating the behaviour at permanent folding of rubber- or plastic-coated fabrics. This test method is applicable only to products which can be clamped in the test apparatus without restraint and for products with which the fold formed in the test specimen is caused to run along it during the test. The flexing number (3.1) or the appearance of the test specimen after completion of a specified number of flexing cycles are regarded as measures for the behaviour at permanent folding.

Keel en

## 61 RÕIVATÖÖSTUS

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 12545:2000+A1:2009**

Hind 114,00

Identne EN 12545:2000+A1:2009

**Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Mürakatse kood. Ühtsed nõuded KONSOLIDEERITUD TEKST**

This noise test code specifies common requirements necessary to carry out efficiently and under standardised conditions the determination, declaration and verification of the noise emission characteristics of the following leather and imitation leather goods and footwear manufacturing machinery: - Cutting and punching machines (EN 12044); - Roughing, scouring, polishing and trimming machines (EN 930); - Footwear moulding machines (EN 1845); - Lasting machines (EN 931); - Nailing machines (EN 12653); - Modular shoe repair equipment (EN 12387); - Shoe and leather presses (EN 12203); - Splitting, skiving, cutting, cementing and cement drying machines (EN 13457).

Keel en

Asendab EVS-EN 12545:2000

**ASENDATUD VÕI TÜHISTATUD STANDARDID**

**EVS-EN 12545:2000**

Identne EN 12545:2000

**Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Mürakatse kood. Ühtsed nõuded**

This noise test code specifies all the information necessary to carry out efficiently and under standardized conditions the determination, declaration and verification of the noise emission characteristics of leather and imitation leather goods and footwear manufacturing machinery.

Keel en

Asendatud EVS-EN 12545:2000+A1:2009

## 65 PÕLLUMAJANDUS

**KAVANDITE ARVAMUSKÜSITLUS**

**EN 13140:2001/FprA1**

Identne EN 13140:2000/FprA1:2009

Tähtaeg 29.08.2009

**Põllumajandusmasinad. Suhkrupeedi ja söödapeedi koristusseadmed. Ohutus**

This standard specifies specific safety requirements and their verification for the design and construction of all sugar beet and fodder beet harvesting machines trailed, mounted or self-propelled which carry out one or more of the following operations: leaf stripping, topping, lifting, picking-up, cleaning, conveying and unloading of beet.

Keel en

**EN 60335-2-76:2005/prAD**

Identne EN 60335-2-76:2005/prAD:2009

Tähtaeg 29.08.2009

**Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-76: Erinõuded elektritara impulsigeneraatoritele**

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

Keel en

**prEN 15950**

Identne prEN 15950:2009

Tähtaeg 29.08.2009

**Fertilizers - Determination of N-(1,2-dicarboxyethyl) D,L aspartic acid (Imino-di-succinic-acid, IDHA) using high-performance liquid chromatography (HPLC)**

This document specifies a method for the determination of N-(1,2-dicarboxyethyl)-D,L aspartic acid (Imino-di-succinic-acid (IDHA)) in fertilizers. The method is applicable to all fertilizers containing IDHA as chelating agent.

Keel en

**prEN 15962**

Identne prEN 15962:2009

Tähtaeg 29.08.2009

**Fertilizers - Determination of the complexed micro-nutrient content and of the complexed fraction of micro-nutrients**

This document specifies a general method for the determination of the micronutrients complexed by complexing agents in fertilizers. The method allows the determination of the total concentration of each complexed micronutrient in complexes, but it does not identify the individual complexing agents. This procedure concerns EC-fertilizers covered by Regulation (EC) No 2003/2003 [1]. The method is applicable to a mass fraction of the metal complexed of at least 0,07 %, 0,006 % and 0,035 % of Fe, Mn and Zn respectively (see [2]).

Keel en

## 67 TOIDUAINETE TEHNOLOOGIA

**KAVANDITE ARVAMUSKÜSITLUS**

**EN 14957:2006/FprA1**

Identne EN 14957:2006/FprA1:2009

Tähtaeg 29.08.2009

**Toidutöötlemismasinad. Konveieriga nõudepesumasinad. Ohutus- ja hügieeninõuded**

This European Standard applies to multizones dishwashing-machines with passing through motorized belt (flight type) or rack conveyor. In case of flight type, the loading and unloading areas are part of the machine. The machines covered by this European Standard are intended for washing, rinsing and optionally drying the dishes and the kitchen utensils, used in food and catering premises such as restaurant, hotel etc.

Keel en

**prEN 15948**

Identne prEN 15948:2009

Tähtaeg 29.08.2009

**Cereals - Determination of moisture and protein - Method using Near-Infrared-Transmittance in combination with an Artificial Neural Network (ANN) Prediction Model and Associated Database**

This standard specifies a routine method for the simultaneous determination of moisture and protein in whole kernels of barley and wheat using a near-infrared spectrophotometer with artificial neural network prediction model and associated database.

Keel en

## 71 KEEMILINE TEHNOLOOGIA

**KAVANDITE ARVAMUSKÜSITLUS**

**prEN 15947-2**

Identne prEN 15947-2:2009

Tähtaeg 29.08.2009

**Pyrotechnic articles - Fireworks, Categories 1, 2, and 3 - Part 2: Categories and types of firework**

This European Standard defines various terms relating to the design, construction, primary packaging and testing of fireworks of category 1, 2 and 3.

Keel en

Asendab EVS-EN 14035-2:2003

**prEN 15947-3**

Identne prEN 15947-3:2009

Tähtaeg 29.08.2009

**Pyrotechnic articles - Fireworks, Categories 1, 2, and 3 - Part 3: Minimum labelling requirements**

This document specifies minimum labelling requirements for the article and primary packaging of fireworks of the following types: - aerial wheels - bangers - batteries and combinations - Bengal flames - Bengal matches - Bengal sticks - Christmas crackers - crackling granules - double bangers - flash bangers - flash pellets - fountains - ground movers - ground spinners - hand-held sparklers - jumping crackers - jumping ground spinners - mines - mini rockets - non-hand-held sparklers - novelty matches - party poppers - rockets - Roman candles - serpents - shot tubes

Keel en

Asendab EVS-EN 14035-3:2004; EVS-EN 14035-4:2003; EVS-EN 14035-5:2006; EVS-EN 14035-6:2004; EVS-EN 14035-7:2004; EVS-EN 14035-8:2004; EVS-EN 14035-9:2004; EVS-EN 14035-10:2004; EVS-EN 14035-12:2003; EVS-EN 14035-13:2004; EVS-EN 14035-15:2003; EVS-EN 14035-17:2004

**prEN 15947-4**

Identne prEN 15947-4:2009

Tähtaeg 29.08.2009

**Pyrotechnic articles - Fireworks, Categories 1, 2 and 3 - Part 4: Test methods**

This European Standard specifies test methods. It is applicable to fireworks which are classified in categories 1, 2 and 3 according to WI 00212056

Keel en

Asendab EVS-EN 14035-34:2003; EVS-EN 14035-23:2003; EVS-EN 14035-19:2003; EVS-EN 14035-4:2003; EVS-EN 14035-15:2003; EVS-EN 14035-27:2003; EVS-EN 14035-12:2003; EVS-EN 14035-3:2004; EVS-EN 14035-6:2004; EVS-EN 14035-7:2004; EVS-EN 14035-8:2004; EVS-EN 14035-9:200

**prEN 15947-5**

Identne prEN 15947-5:2009

Tähtaeg 29.08.2009

**Pyrotechnic articles - Fireworks, Categories 1, 2, and 3 - Part 5: Requirements for construction and performance**

This document specifies requirements for the construction, performance and primary packaging of fireworks of category 1, 2 and 3 of the following types: - aerial wheels - bangers - batteries and combinations - Bengal flames - Bengal matches - Bengal sticks - Christmas crackers - crackling granules - double bangers - flash bangers - flash pellets - fountains - ground movers - ground spinners - hand-held sparklers - jumping crackers - jumping ground spinners - mines - mini rockets - non-hand-held sparklers - novelty matches - party poppers - rockets - Roman candles - serpents - shot tubes- snaps - spinners - table bombs - throwdowns - wheels

Keel en

Asendab EVS-EN 14035-34:2003; EVS-EN 14035-23:2003; EVS-EN 14035-19:2003; EVS-EN 14035-4:2003; EVS-EN 14035-15:2003; EVS-EN 14035-27:2003; EVS-EN 14035-12:2003; EVS-EN 14035-3:2004; EVS-EN 14035-6:2004; EVS-EN 14035-7:2004; EVS-EN 14035-8:2004; EVS-EN 14035-9:200

**prEN 15947-1**

Identne prEN 15947-1:2009

Tähtaeg 29.08.2009

**Pyrotechnic articles - Fireworks, Categories 1, 2, and 3 - Part 1: Terminology**

This European Standard defines various terms relating to the design, construction, primary packaging and testing of fireworks of category 1, 2 and 3.

Keel en

Asendab EVS-EN 14035-1:2003

**prEN 15964**

Identne prEN 15964:2009

Tähtaeg 29.08.2009

**Breath alcohol test devices other than single use devices - Requirements and test methods**

This European standard applies to breath alcohol test devices which measure the concentration of alcohol contained in an exhaled breath sample intended to be used for screening or preliminary testing. This standard specifies requirements for basic safety and performance, test methods and requirements for marking, labelling and operating instructions. This standard gives guidelines for type approval procedure consisting of a number of technical performance tests, but excluding in vivo tests, that are carried out on devices supplied by the manufacturers. In vivo tests, which are designed to test the ability of the device to work with real subjects, may be arranged in compliance with national requirements. This standard is not applicable to devices covered by OIML R126:1998 or single use testers. Devices are designed for law enforcement.

Keel en

**prEN ISO 10873**

Identne prEN ISO 10873:2009

ja identne ISO/DIS 10873:2009

Tähtaeg 29.08.2009

**Dentistry - Denture adhesives**

This International Standard classifies denture adhesives used by wearers of removable dentures and specifies their requirements and test methods. It further specifies requirements with respect to the instructions to be supplied for the use of these products. This International Standard is applicable to denture adhesives for use by public and excludes the dental lining materials prescribed or applied by dental professions.

Keel en

## 73 MÄENDUS JA MAAVARAD

**KAVANDITE ARVAMUSKÜSITLUS**

**prEN 14066**

Identne prEN 14066:2009

Tähtaeg 29.08.2009

**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 JA PUBLIKATSIOONID**

**EVS-EN 15326:2007+A1:2009**

Hind 114,00

Identne EN 15326:2007+A1:2009

**Bitumen and bituminous binders - Measurement of density and specific gravity - Capillary-stoppered pyknometer method KONSOLIDEERITUD TEKST**

This European standard specifies a procedure for determining the specific gravity and density of bituminous binders at (25,0 ± 0,2) °C using the capillary-stoppered pyknometer method. Emulsions are excluded from the scope of this method.

Keel en

Asendab EVS-EN 15326:2007

**EVS-EN ISO 19739:2006/AC:2009**

Hind 0,00

Identne EN ISO 19739:2005/AC:2009

ja identne ISO 19739:2004/Cor.1:2009

**Natural gas - Determination of sulfur compounds using gaschromatography**

Keel en

## ASENDATUD VÕI TÜHISTATUD STANDARDID

**EVS-EN 15326:2007**

Identne EN 15326:2007

**Bitumen and bituminous binders - Measurement of density and specific gravity - Capillary-stoppered pyknometer method**

This European standard specifies a procedure for determining the specific gravity and density of bituminous binders at (25,0 ± 0,2) °C using the capillary-stoppered pyknometer method. Emulsions are excluded from the scope of this method.

Keel en

Asendatud EVS-EN 15326:2007+A1:2009

## KAVANDITE ARVAMUSKÜSITLUS

**EN 14214:2009/FprA1**

Identne EN 14214:2008/FprA1:2009

Tähtaeg 29.08.2009

**Autokütused. Rasvhapete metüülestrid (FAME) diiselmootorite jaoks. Nõuded ja katsemeetodid**

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

Keel en

**FprEN ISO 15156-1**

Identne FprEN ISO 15156-1:2009

ja identne ISO/FDIS 15156-1:2009

Tähtaeg 29.08.2009

**Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas production - Part 1:General principles for selection of cracking-resistant materials**

This part of ISO 15156 describes general principles and gives requirements and recommendations for the selection and qualification of metallic materials for service in equipment used in oil and gas production and in natural-gas sweetening plants in H2S-containing environments, where the failure of such equipment could can pose a risk to the health and safety of the public and personnel or to the environment. It can be applied to help to avoid costly corrosion damage to the equipment itself. It supplements, but does not replace, the materials requirements given in the appropriate design codes, standards or regulations.

Keel en

Asendab EVS-EN ISO 15156-1:2002

**FprEN ISO 15156-2**

Identne FprEN ISO 15156-2:2009

ja identne ISO/FDIS 15156-2:2009

Tähtaeg 29.08.2009

**Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas production - Part 2: Cracking-resistant carbon and low-alloy steels, and the use of cast irons**

This part of ISO 15156 gives requirements and recommendations for the selection and qualification of carbon and low-alloy steels for service in equipment used in oil and natural gas production and natural gas treatment plants in H2S-containing environments, whose failure could can pose a risk to the health and safety of the public and personnel or to the environment. It can be applied to help to avoid costly corrosion damage to the equipment itself. It supplements, but does not replace, the materials requirements of the appropriate design codes, standards or regulations.

Keel en

Asendab EVS-EN ISO 15156-2:2004

**prEN 15358**

Identne prEN 15358:2009

Tähtaeg 29.08.2009

**Solid recovered fuels - Quality management systems - Particular requirements for their application to the production of solid recovered fuels**

This standard specifies requirements for the quality management system for the production and trade of solid
recovered fuels from the reception of waste(s) up to the delivery of solid recovered fuels (Figure 1)

Keel en

Asendab CEN/TS 15358:2006

**prEN 15359**

Identne prEN 15359:2009

Tähtaeg 29.08.2009

**Solid recovered fuels - Specifications and classes**

This document specifies a classification system for solid recovered fuels (SRF) and a template for the specifications of their properties. SRF are produced from non-hazardous waste.

Keel en

Asendab CEN/TS 15359:2006

**prEN 15440**

Identne prEN 15440:2009

Tähtaeg 29.08.2009

**Solid recovered fuels - Method of the determination of biomass content**

This European Standard specifies three normative methods for the determination of the biomass fraction in solid recovered fuel, and when to use each method. The methods are the selective dissolution in a hydrogen peroxide/sulphuric acid mixture, the manual sorting method and the method based on the 14C content .

Keel en

Asendab CEN/TS 15440:2006; CEN/TS 15747:2008

**prEN 15442**

Identne prEN 15442:2009

Tähtaeg 29.08.2009

**Solid recovered fuels - Methods for sampling**

This Standard describes methods for taking samples of solid recovered fuels for example from production plants, from deliveries or from stock. It includes manual and mechanical methods. It is not applicable to solid recovered fuels that are formed by liquid or sludge, but it includes dewatered sludge.

Keel en

Asendab CEN/TS 15442:2006

**prEN 15443**

Identne prEN 15443:2009

Tähtaeg 29.08.2009

**Solid recovered fuels - Methods for the preparation of the laboratory sample**

This European Standard describes methods for reducing combined samples to laboratory samples and laboratory samples to sub-samples and general analysis samples, and is applicable to solid recovered fuels that are either: - fine and regularly-shaped particulate materials, particle sizes up to about 10 mm that can be sampled using a scoop or pipe, for example: soft and hard pellets; - coarse or irregularly-shaped particulate materials, particle sizes up to about 200 mm that can be sampled using a shovel, for example: fluff, chips and chunks; - large pieces with nominal top size above 200 mm. The methods described in this European Standard may be used for sample preparation, for example, when the samples are to be tested for bulk density, biomass determination, durability, particle size distribution, moisture content, ash content, ash melting behaviour, calorific value, chemical composition, and impurities. The methods are not intended to be applied to the very large samples required for the testing of bridging properties.

Keel en

Asendab CEN/TS 15443:2006

**FprEN ISO 15156-3**

Identne FprEN ISO 15156-3:2009

ja identne ISO/FDIS 15156-3:2009

Tähtaeg 29.08.2009

**Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas production - Part 3: Cracking-resistant CRAs (corrosion-resistant alloys) and other alloys**

This part of ISO 15156 gives requirements and recommendations for the selection and qualification of CRAs (corrosion-resistant alloys) and other alloys for service in equipment used in oil and natural gas production and natural gas treatment plants in H2S-containing environments, whose failure could can pose a risk to the health and safety of the public and personnel or to the environment. It can be applied to help to avoid costly corrosion damage to the equipment itself. It supplements, but does not replace, the materials requirements of the appropriate design codes, standards or regulations.

Keel en

Asendab EVS-EN ISO 15156-3:2004

**prEN ISO 21457**

Identne prEN ISO 21457:2009

ja identne ISO/DIS 21457:2009

Tähtaeg 29.08.2009

**Petroleum, petrochemical and natural gas industries - Materials selection and corrosion control for oil and gas production systems**

This International Standard identifies the corrosion mechanisms and parameters for evaluation when performing selection of materials for pipelines, piping and equipment related to transport and processing of hydrocarbon production, including utility and injection systems. This includes all equipment from and including the well head, to and including pipeline for stabilized products. Guidance is given for a) corrosion evaluations, b) materials selection for specific applications and/or systems, c) performance limitations for specific materials, d) corrosion control.

Keel en

**prEVS-EN 228:2008+NA:2009**

Identne EN 228:2008

ja identne EN 228/NA:2009

Tähtaeg 8.08.2009

**Mootorikütused. Pliivaba bensiin. Nõuded ja katsemeetodid**

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

Keel en

Asendab EVS-EN 228:2004

## 77 METALLURGIA

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 10025-6:2005+A1:2009**

Hind 178,00

Identne EN 10025-6:2004+A1:2009

**Konstruktsiooniterasest kuumvaltsitud tooted. Osa 6: Kõrge voolupiiriga konstruktsiooniterasest valmistatud ning karastatud ja noolutatud tasapinnaliste toodete tehnilised tarnetingimused KONSOLIDEERITUDTEKST**

Part 6 of this document, in addition to part 1, specifies requirements for flat products of high yield strength alloy special steels. The grades and qualities are given in Tables 2 to 4 (chemical composition) and Tables 5 to 7 (mechanical properties) and are supplied in the quenched and tempered condition as given in 6.3. The steels specified in this document are applicable to hot-rolled flat products with a minimum nominal thickness of 3 mm and a maximum nominal thickness ≤ 150 mm for grades S460, S500, S550, S620 and S690, a maximum nominal thickness ≤ 100 mm for grade S890 and a maximum nominal thickness ≤ 50 mm for grade S960, in steels which, after quenching and tempering, have a specified minimum yield strength of 460 MPa1) to 960 MPa1).

Keel en

Asendab EVS-EN 10025-6:2005

**ASENDATUD VÕI TÜHISTATUD STANDARDID**

**EVS-EN 10025-6:2005**

Identne EN 10025-6:2004

**Konstruktsiooniterasest kuumvaltsitud tooted. Osa 6: Kõrge voolupiiriga konstruktsiooniterasest valmistatud ning karastatud ja noolutatud tasapinnaliste toodete tehnilised tarnetingimused**

Part 6 of this European Standard, in addition to part 1, specifies requirements for flat products of high yield strength alloy special steels. The grades and qualities are given in tables 2 to 4 (chemical composition) and tables 5 to 7 (mechanical properties) and are supplied in the quenched and tempered condition as given in 6.3

Keel en

Asendab EVS-EN 10137-2:1999

Asendatud EVS-EN 10025-6:2005+A1:2009

**KAVANDITE ARVAMUSKÜSITLUS**

**FprEN 10305-1**

Identne FprEN 10305-1:2009

Tähtaeg 29.08.2009

**Steel tubes for precision applications - Technical delivery conditions - Part 1: Seamless cold drawn tubes**

This European Standard specifies the technical delivery conditions for seamless cold drawn steel tubes of circular cross section for precision applications with specified outside diameter D ≤ 380 mm.

Keel en

Asendab EVS-EN 10305-1:2003

**FprEN 10305-2**

Identne FprEN 10305-2:2009

Tähtaeg 29.08.2009

**Steel tubes for precision applications - Technical delivery conditions - Part 2: Welded cold drawn tubes**

This Part of EN 10305 specifies the technical delivery conditions for welded cold drawn steel tubes of circular cross section for precision applications with specified outside diameter D ≤ 150 mm.

Keel en

Asendab EVS-EN 10305-2:2003

**FprEN 10305-3**

Identne FprEN 10305-3:2009

Tähtaeg 29.08.2009

**Steel tubes for precision applications - Technical delivery conditions - Part 3: Welded cold sized tubes**

This European Standard specifies the technical delivery conditions for welded cold sized steel tubes of circular cross section for precision applications with specified outside diameter D ≤ 193,7 mm.

Keel en

Asendab EVS-EN 10305-3:2003

**FprEN ISO 4945**

Identne FprEN ISO 4945:2009

ja identne ISO 4945:1977

Tähtaeg 29.08.2009

**Steel - Determination of nitrogen content - Spectrophotometric method**

This International Standard specifies a spectrophotometric method for the determination of the nitrogen content of non-alloy and low-alloy steels. This method allows the determination only of the nitrogen content which tan be converted to an ammonium salt.

Keel en

**prEN 10294-2**

Identne prEN 10294-2:2009

Tähtaeg 29.08.2009

**Hollow bars for machining - Technical delivery conditions - Part 2: Stainless steels and nickel alloys with specified machinability properties**

This part of EN 10294 specifies the technical delivery conditions for seamless hollow bars made of austenitic (including creep resisting steels), austenitic-ferritic (duplex) stainless steels and nickel alloys, with specified machinability properties, intended for the manufacture of engineering components by machining.

Keel en

## 79 PUIDUTEHNOLOOGIA

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 14081-4:2009**

Hind 271,00

Identne EN 14081-4:2009

**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

Asendab EVS-EN 14081-4:2006+A4:2009

**ASENDATUD VÕI TÜHISTATUD STANDARDID**

**EVS-EN 14081-4:2006+A4:2009**

Identne EN 14081-4:2005+A4:2008

**Timber structures - Strength graded structural timber with rectangular cross section - Part 4: Machine grading - Grading machine settings for machine controlled systems KONSOLIDEERITUD TEKST**

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

Asendab EVS-EN 14081-4:2006+A3:2008

Asendatud EVS-EN 14081-4:2009

**KAVANDITE ARVAMUSKÜSITLUS**

**prEN 312**

Identne prEN 312:2009

Tähtaeg 29.08.2009

**Particleboards - Specifications**

This European Standard specifies the requirements for resin-bonded unfaced particleboards.

Keel en

Asendab EVS-EN 312:2003

**prEN 12369-2**

Identne prEN 12369-2:2009

Tähtaeg 29.08.2009

**Puitplaadid. Tunnusväärtused ehitusprojekteerimiseks. Osa 2: Vineer**

This European standard provides information on the characteristic values for use in designing structures incorporating wood-based panels. The characteristic values given are as defined in EN 1995-1-1. This standard includes the characteristic values of the mechanical properties for plywood complying with EN 636 in bending, tension, compression, panel shear and planar shear. EN 636 classifies bending properties into two sets of classes, one for stiffness and another for strength. Stiffness and strength in tension and compression are related to the same properties in bending. For shear properties, fixed values have been substituted by correlation to density. Where optimised values are needed, the characteristic values shall be determined directly by testing in accordance with EN 789 and EN 14358 or by combination of testing according to the latter two standards and calculation according to ENV 14272.

Keel en

Asendab EVS-EN 12369-2:2004

## 83 KUMMI- JA PLASTITÖÖSTUS

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 1417:1999+A1:2008/AC:2009**

Hind 0,00

Identne EN 1417:1996+A1:2008/AC:2009

**Kummi- ja plastitöötlusmasinad. Kahe valtsiga veskid. Ohutusnõuded**

Keel en

**EVS-EN 13999-3:2007+A1:2009**

Hind 105,00

Identne EN 13999-3:2007+A1:2009

**Adhesives - Short term method for measuring the emission properties of low-solvent or solvent-free adhesives after application - Part 3: Determination of volatile aldehydes KONSOLIDEERITUD TEKST**

This European Standard specifies a procedure for the determination of volatile aldehydes (especially formaldehyde and acetaldehyde) and other carbonyl compounds in the exhaust air of an emission test chamber after application of a low-solvent or solvent-free adhesive as defined in EN 923. The method is based on chemosorption of volatile carbonyl compounds with 2,4-dinitrophenylhydrazine (in the following: DNPH) impregnated silica tubes or cartridges with subsequent solvent desorption, clean-up and liquid chromatographic analysis. The method permits measurement of several aldehydes including formaldehyde, acetaldehyde, propionaldehyde, butyraldehyde, valeraldehyde, isovaleraldehyde, hexanal, benzaldehyde, 2,5-dimethylbenzaldehyde, o-tolualdehyde, m-tolualdehyde, p-tolualdehyde, crotonaldehyde in the concentration range of approximately 10 µg/m³ to 1 mg/m³ (see ISO 16000-3).

Keel en

Asendab EVS-EN 13999-3:2007

**EVS-EN 13999-4:2007+A1:2009**

Hind 114,00

Identne EN 13999-4:2007+A1:2009

**Adhesives - Short term method for measuring the emission properties of low-solvent or solvent-free adhesives after application - Part 4: Determination of volatile diisocyanates KONSOLIDEERITUD TEKST**

This European Standard specifies a procedure for the determination of volatile isocyanates in the exhaust air of an emission test chamber after application of a low-solvent or solvent-free adhesive as defined in EN 923. The method is based on chemosorption of volatile isocyanates with 1-(2-methoxyphenyl) piperazine (in the following: 1-2MP) impregnated filters with subsequent desorption and liquid chromatographic analysis. The method permits measurement of a wide range of organic compounds containing isocyanate functional groups (NCO), including isocyanate monomers. For testing of adhesives emissions mainly toluene diisocyanate (TDI) and methylene bis (4-phenyl isocyanate also known as 4,4-diisocyanato-diphenylmethane or MDI), are of concern. The method as described in this European Standard can be used for other isocyanates too, such as isophorone diisocyanate (IPDI) and 1,6-hexamethylene diisocyanate (HDI) - see ISO 16702. Isocyanate oligomers or prepolymers are not volatile enough to be detected in emission test chambers at room temperature.

Keel en

Asendab EVS-EN 13999-4:2007

**ASENDATUD VÕI TÜHISTATUD STANDARDID**

**EVS-EN 13999-3:2007**

Identne EN 13999-3:2007

**Adhesives - Short term method for measuring the emission properties of low-solvent or solvent-free adhesives after application - Part 3: Determination of volatile aldehydes**

This European Standard specifies a procedure for the determination of volatile aldehydes (especially formaldehyde and acetaldehyde) and other carbonyl compounds in the exhaust air of an emission test chamber after application of a low-solvent or solvent-free adhesive as defined in EN 923. The method is based on chemosorption of volatile carbonyl compounds with 2,4-dinitrophenylhydrazine (in the following: DNPH) impregnated silica tubes or cartridges with subsequent solvent desorption, clean-up and liquid chromatographic analysis. The method permits measurement of several aldehydes including formaldehyde, acetaldehyde, propionaldehyde, butyraldehyde, valeraldehyde, isovaleraldehyde, hexanal, benzaldehyde, 2,5-dimethylbenzaldehyde, o-tolualdehyde, m-tolualdehyde, p-tolualdehyde, crotonaldehyde in the concentration range of approximately 10 µg/m³ to 1 mg/m³ (see ISO 16000-3).

Keel en

Asendatud EVS-EN 13999-3:2007+A1:2009

**EVS-EN 13999-4:2007**

Identne EN 13999-4:2007

**Adhesives - Short term method for measuring the emission properties of low-solvent or solvent-free adhesives after application - Part 4: Determination of volatile diisocyanates**

This European Standard specifies a procedure for the determination of volatile isocyanates in the exhaust air of an emission test chamber after application of a low-solvent or solvent-free adhesive as defined in EN 923. The method is based on chemosorption of volatile isocyanates with 1-(2-methoxyphenyl)piperazine (in the following: 1-2MP) impregnated filters with subsequent desorption and liquid chromatographic analysis. The method permits measurement of a wide range of organic compounds containing isocyanate functional groups (NCO), including isocyanate monomers. For testing of adhesives emissions mainly toluene diisocyanate (TDI) and methylene bis (4-phenyl isocyanate) (4,4-diisocyanato-diphenylmethane, MDI) are of concern. The method as described in this European Standard can be used for other isocyanates too, such as isophorone diisocyanate (IPDI) and 1,6-hexamethylene diisocyanate (HDI) - see ISO 16702. Isocyanate oligomers or prepolymers are not volatile enough to be detected in emission test chambers at room temperature.

Keel en

Asendatud EVS-EN 13999-4:2007+A1:2009

**KAVANDITE ARVAMUSKÜSITLUS**

**FprEN 1847**

Identne FprEN 1847:2009

Tähtaeg 29.08.2009

**Flexible sheets for waterproofing - Plastic and rubber sheets for roof waterproofing - Methods for exposure to liquid chemicals, including water**

This European Standard specifies a method of exposing test specimens of plastic and rubber sheets for roofing, free from all external restraint, to liquid chemicals (including water), and methods for determining the changes in properties resulting from such exposure.

Keel en

Asendab EVS-EN 1847:2001

**prEN ISO 10352**

Identne prEN ISO 10352:2009

ja identne ISO/DIS 10352:2009

Tähtaeg 29.08.2009

**Kiudsarrusplastid. Presskompaundid ja eelimpregneeritud materjalid. Massi määramine pindalaühiku kohta**

This International Standard specifies a method for the determination of the mass per unit area of sheet moulding compounds and preimpregnated unidirectional sheet, tape, fabrics and mats. Unless stated to the contrary in the relevant materials specification, this standard is applicable to prepregs irrespective of which type of reinforcement (aramid, carbon, glass, etc.) or which type of matrix (thermosetting or thermoplastic) is used.

Keel en

Asendab EVS-EN ISO 10352:2000

## 85 PABERITEHNOLOOGIA

**KAVANDITE ARVAMUSKÜSITLUS**

**prEN ISO 12625-8**

Identne prEN ISO 12625-8:2009

ja identne ISO/DIS 12625-8:2009

Tähtaeg 29.08.2009

**Tissue paper and tissue products - Part 8: Water-absorption time and water-absorption capacity, basket- immersion test method**

This Part of ISO 12625 specifies a basket-immersion test method for the determination of water-absorption time and water-absorption capacity of absorbent tissue paper and tissue products. It is expressly stated that the detection of impurities and contraries in tissue paper and tissue products should be applied according to ISO 15755. For the determination of moisture content in tissue paper and tissue products, ISO 287 should be applied.

Keel en

Asendab EVS-EN ISO 12625-8:2006

## 87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

**KAVANDITE ARVAMUSKÜSITLUS**

**prEN ISO 12137-1**

Identne prEN ISO 12137-1:2009

ja identne ISO/DIS 12137-1:2009

Tähtaeg 29.08.2009

**Paints and varnishes - Determination of scratch resistance - Part 1: Method using a curved stylus**

This part of ISO 12137 specifies a method for determining, using a curved (loop-shaped or ring-shaped) stylus, the scratch resistance of a single coating of a paint, varnish or related product, or the upper layer of a multicoat system. Part 2 of ISO 12137 specifies a method using a pointed stylus. The choice between the two methods will depend on the particular practical problem. This test has been found to be useful in comparing the scratch resistance of different coatings. It is most useful in providing relative ratings for a series of coated panels exhibiting significant differences in scratch resistance.

Keel en

Asendab EVS-EN ISO 12137-1:2006

**prEN ISO 12137-2**

Identne prEN ISO 12137-2:2009

ja identne ISO/DIS 12137-2:2009

Tähtaeg 29.08.2009

**Paints and varnishes - Determination of scratch resistance - Part 2: Method using a pointed stylus**

This part of ISO 12137 specifies a method for determining, using a pointed stylus, the scratch resistance of a single coating of a paint, varnish or related product, or the upper layer of a multicoat system. Part 1 of ISO 12137 specifies a method using a curved stylus. The choice between the two methods will depend on the particular practical problem. This test has been found to be useful in comparing the scratch resistance of different coatings. It is most useful in providing relative ratings for a series of coated panels exhibiting significant differences in scratch resistance.

Keel en

Asendab EVS-EN ISO 12137-2:2006

## 91 EHITUSMATERJALID JA EHITUS

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 13888:2009**

Hind 124,00

Identne EN 13888:2009

**Grout for tiles - Requirements, evaluation of conformity, classification and designation**

This European Standard is applicable to ceramic tile grouts for internal and external tile installations on walls and floors. This standard gives the terminology concerning the products, working methods, application properties, etc., for ceramic tile grouts. This European Standard specifies the performance requirements for cementitious and reaction resin grouts for ceramic tiles. This European Standard does not contain criteria or recommendations for the design and installation of ceramic tiles.

Keel en

Asendab EVS-EN 13888:2002

**EVS-EN 14908-5:2009**

Hind 256,00

Identne EN 14908-5:2009

**Open Data Communication in Building Automation, Controls andBuilding Management Implementation Guideline - ControlNetwork Protocol - Part 5: Implementation**

This specification provides mechanisms through which various vendors of networked control systems in commercial building automation, control, and building management may exchange information in a standardised way. This specification contains all the information necessary to facilitate the exchange of data and control information in an interoperable fashion using EN 14908-1 and its associated data-transport media specifications. This specification establishes a minimal set of rules for compliance. It does not rule-out extended services to be provided, given that the rules are adhered-to within the system. It is the intention of the standard to permit extended services to coexist and defines the bounds in which those services function, including the format for internal device-documentation of those services. Services outside purvey of this specification so long as they are adherents of the system are permitted but will not necessarily be interoperable with any other devices and shall not be essential for the functioning of the device. Certain aspects of this standard are defined in other documents. These documents are referenced where relevant. In the case where a referenced standard conflicts with this document, this document will prevail.

Keel en

**EVS-EN 15326:2007+A1:2009**

Hind 114,00

Identne EN 15326:2007+A1:2009

**Bitumen and bituminous binders - Measurement of density and specific gravity - Capillary-stoppered pyknometer method KONSOLIDEERITUD TEKST**

This European standard specifies a procedure for determining the specific gravity and density of bituminous binders at (25,0 ± 0,2) °C using the capillary-stoppered pyknometer method. Emulsions are excluded from the scope of this method.

Keel en

Asendab EVS-EN 15326:2007

**EVS-EN 15659:2009**

Hind 124,00

Identne EN 15659:2009

**Secure storage units - Classification and methods of test forresistance to fire - Light fire storage units**

This European Standard specifies requirements for light fire storage units providing protection against fire. The method of test is specified to determine the ability of light fire storage units to protect paper media from the effects of fire. Two levels of fire exposure periods (LFS 30 P and LFS 60 P) are specified using the maximum temperature increase permitted within the storage space of the light fire storage unit. Requirements are also specified for the test specimen, the technical documentation for the test specimen, correlation of the test specimen with the technical documentation, preparation for type testing and test procedures. A scheme to classify the light fire storage units from the test results is also given (see Table 1).

Keel en

**EVS-EN 50468:2009**

Hind 114,00

Identne EN 50468:2009

**Resistibility requirements to overvoltages and overcurrentsdue to lightning for equipment having telecommunication ports**

This European Standard specifies the minimum level of resistibility of equipment havingtelecommunication port(s) to overvoltages and overcurrents.This European Standard covers telecommunication equipment installed at customer premises asshown in Figure 1.Overvoltages or overcurrents covered by this European Standard are surges due to direct or indirectlightning on the telecommunication line plant.Overvoltages or overcurrent not covered by this European Standard are– short-term induction of alternating voltages from electric power systems (including electrifiedrailway),– earth potential rise due to power faults or load switching,– direct contacts between telecommunication lines and low voltage power lines.

Keel en

**EVS-EN 61770:2009**

Hind 178,00

Identne EN 61770:2009

ja identne IEC 61770:2008

**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; EVS-EN 61770:2001/AC:2007

**EVS-EN ISO 3382-2:2008/AC:2009**

Hind 0,00

Identne EN ISO 3382-2:2008/AC:2009

ja identne ISO 3382-2:2008/Cor 1:2009

**Acoustics - Measurement of room acoustic parameters - Part 2: Reverberation time in ordinary rooms**

Keel en

**ASENDATUD VÕI TÜHISTATUD STANDARDID**

**EVS-EN 13888:2002**

Identne EN 13888:2002

**Grouts for tiles - Definitions and specifications**

This European Standard applies to all ceramic tile grouts for internal and external tile installations on walls and floors. This standard gives the terminology concerning the products, working methods, application properties, etc., for ceramic tile grouts.

Keel en

Asendatud EVS-EN 13888:2009

**EVS-EN 15326:2007**

Identne EN 15326:2007

**Bitumen and bituminous binders - Measurement of density and specific gravity - Capillary-stoppered pyknometer method**

This European standard specifies a procedure for determining the specific gravity and density of bituminous binders at (25,0 ± 0,2) °C using the capillary-stoppered pyknometer method. Emulsions are excluded from the scope of this method.

Keel en

Asendatud EVS-EN 15326:2007+A1:2009

**EVS-EN 61770:2001**

Identne EN 61770:1999

ja identne IEC 61770:1998

**Veevõrguga ühendatud elektriseadmed. Tagasivoolu ja voolikute tõrke vältimine**

This standard specifies requirements for the connection of washing machines, dishwashers and condensation-type tumble dryers to the water mains having a water pressure not exceeding 1 MPa for prevention of backsiphonage of non-potable water into the water mains and flooding due to failure of hose-sets.

Keel en

Asendatud EVS-EN 61770:2009

**EVS-EN 61770:2001/A2:2006**

Identne EN 61770:1999/A2:2006

ja identne IEC 61770:1998/A2:2006

**Veevõrguga ühendatud elektriseadmed. Tagasivoolu ja voolikute tõrke vältimine**

This standard specifies requirements for the connection of washing machines, dishwashers and condensation-type tumble dryers to the water mains having a water pressure not exceeding 1 MPa for prevention of backsiphonage of non-potable water into the water mains and flooding due to failure of hose-sets.

Keel en

Asendatud EVS-EN 61770:2009

**EVS-EN 61770:2001/AC:2007**

Identne EN 61770:1999/Corr:2007

**Veevõrguga ühendatud elektriseadmed. Tagasivoolu ja voolikute tõrke vältimine**

Keel en

Asendatud EVS-EN 61770:2009

**EVS-EN 61770:2001/A1:2004**

Identne EN 61770:1999/A1:2004

ja identne IEC 61770:1998/A1:2004

**Veevõrguga ühendatud elektriseadmed. Tagasivoolu ja voolikute tõrke vältimine**

This standard specifies requirements for the connection of washing machines, dishwashers and condensation-type tumble dryers to the water mains having a water pressure not exceeding 1 MPa for prevention of backsiphonage of non-potable water into the water mains and flooding due to failure of hose-sets.

Keel en

Asendatud EVS-EN 61770:2009

**KAVANDITE ARVAMUSKÜSITLUS**

**EVS-EN 1990:2002/A1:2006+NA**

Identne EN 1990 AMD 1:2005

Tähtaeg 28.08.2009

**Eurokoodeks. Ehituskonstruktsioonide projekteerimise alused. Muudatus A1. Lisa A2: Rakendamine sildade puhul**

EN 1990 lisa A2 annab reeglid ja meetodid koormuskombinatsioonide moodustamiseks, mis on vajalikud kasutatavuse ja piirseisundi kontrollimisel (v.a väsimuskontroll) koos püsiva, muutuva ja erakorrrralise koormuse soovituslike arvutusväärtustega ning psii-teguritega, mida tuleb kasutada maanteesildade, jalakäijasildade ja raudteesildade projekteerimisel. Ta on rakendatav ka ehitusaegsete koormuste puhul. Lisaks sellele on antud ka meetodid ja reeglid mõnede materjalist sõltuvate kasutatavuse piirseisundite kontrollimiseks.

Keel et

**FprEN 1847**

Identne FprEN 1847:2009

Tähtaeg 29.08.2009

**Flexible sheets for waterproofing - Plastic and rubber sheets for roof waterproofing - Methods for exposure to liquid chemicals, including water**

This European Standard specifies a method of exposing test specimens of plastic and rubber sheets for roofing, free from all external restraint, to liquid chemicals (including water), and methods for determining the changes in properties resulting from such exposure.

Keel en

Asendab EVS-EN 1847:2001

**FprEN 1849-2**

Identne FprEN 1849-2:2009

Tähtaeg 29.08.2009

**Flexible sheets for waterproofing - Determination of thickness and mass per unit area - Part 2: Plastic and rubber sheets**

This European Standard specifies methods for the determination of the thickness and mass per unit area of plastic and rubber sheets for roof waterproofing.

Keel en

Asendab EVS-EN 1849-2:2002

**FprEN 12311-2**

Identne FprEN 12311-2:2009

Tähtaeg 29.08.2009

**Flexible sheets for waterproofing - Determination of tensile properties - Part 2: Plastic and rubber sheets for roof waterproofing**

This European Standard specifies test methods for the determination of the tensile properties of plastic and rubber sheets for roof waterproofing:

Keel en

Asendab EVS-EN 12311-2:2001

**FprEN 12317-2**

Identne FprEN 12317-2:2009

Tähtaeg 29.08.2009

**Flexible sheets of waterproofing - Determination of shear resistance of joints - Part 2: Plastic and rubber sheets for roof waterproofing**

This European Standard specifies a method for determining the resistance to shearing of joints between two adjacent sheets of the same plastic or rubber sheets for roof waterproofing.

Keel en

Asendab EVS-EN 12317-2:2001

**prEN 13126-5**

Identne prEN 13126-5:2009

Tähtaeg 29.08.2009

**Building hardware - Hardware for windows and balcony doors - Requirements and test methods - Part 5: Devices that restrict the opening of windows**

This Part of prEN 13126 specifies requirements and test methods for durability, strength, security and function of devices that restrict the opening of windows.

Keel en

Asendab CEN/TS 13126-5:2004

**prEN 13420**

Identne prEN 13420:2009

Tähtaeg 29.08.2009

**Windows - Behaviour between different climates - Test method**

This European Standard specifies the test methods for evaluating - the risks of decay of openable and fixed windows manufactured of different materials through increased moisture accumulation as a result of condensation or water vapour diffusion; - the influence of deformation on basic performances of openable and fixed windows manufactured of different materials exposed to different climates between their external and internal faces. Three test methods are to be differentiated. They take into account different cases of loadings.

Keel en

**prEN 14066**

Identne prEN 14066:2009

Tähtaeg 29.08.2009

**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 ISO 8394-2**

Identne prEN ISO 8394-2:2009

ja identne ISO/DIS 8394-2:2009

Tähtaeg 29.08.2009

**Building construction - Jointing products - Part 2: Determination of extrudability using standardized apparatus**

This part of ISO 8394 International Standard specifies a method for determining the extrudability of the sealants independently of the package in which they are supplied. It is not to be used to classify sealants.

Keel en

Asendab EVS-EN 28394:2000

**prEN 50310**

Identne prEN 50310:2009

Tähtaeg 29.08.2009

**Application of equipotential bonding and earthing in buildings with information technology equipment**

This European Standard specifies minimum requirements for earthing networks and connections (bonds) in buildings in which information technology equipment is intended to be installed to protect that equipment and interconnecting cabling from electrical hazards. Additionally this European Standard specifies requirements and provides recommendations for earthing networks and connections (bonds) in order for the information technology installation to achieve: a) reliable signal reference; b) adequate immunity from electromagnetic interference carried by the earthing network. The requirements of this European Standard are applicable to all types of buildings ranging from residential to large commercial and industrial premises. Operator buildings are addressed by ETSI EN 300 253. This European standard specifies an earthing and bonding configuration that is appropriate to specific mains and other power supply distribution systems.

Keel en

Asendab EVS-EN 50310:2006

**prEN ISO 8394-1**

Identne prEN ISO 8394-1:2009

ja identne ISO/DIS 8394-1:2009

Tähtaeg 29.08.2009

**Building construction - Jointing products - Part 1: Determination of extrudability of sealants**

This part of ISO 8394 International Standard specifies a method for determining the extrudability of sealants. This method is used to test the workability of a sealant. It is not to be used to classify sealants.

Keel en

Asendab EVS-EN 28394:2000

## 93 RAJATISED

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS 867:2003+A1:2007+A2:2009**

Hind 135,00

ja identne EVS 867:2003+A1:2007+A2:2009

**Raudteealased rakendused. Reisijate ooteplatvormid**

Standard käsitleb raudteel reisijate ooteplatvormide projekteerimisele, ehitamisele ja hooldusele esitatavaid nõudeid, hõlmates nii uusi (ehitatavaid) kui ka olemasolevaid (rekonstrueeritavaid) ooteplatvorme, juurdepääsuteid ooteplatvormidele ning juurdepääsuteel asuvaid ülekäigukohti.

Keel et

Asendab EVS 867:2003+A1:2007

**EVS-EN 15610:2009**

Hind 209,00

Identne EN 15610:2009

**Raudteealased rakendused. Müraemissioon. Veeremüra tekkega seotud rööpa pinnakareduse mõõtmine**

This European Standard specifies a direct method for characterizing the surface roughness of the rail associated with rolling noise ("acoustic roughness"), in the form of a one-third octave band spectrum. This standard describes a method for: a) selecting measuring positions; b) data acquisition; c) measurement data processing in order to estimate a set of one-third octave band roughness spectra; d) presentation of this estimate for comparison with limits of acoustic roughness; e) comparison with a given upper limit in terms of a one-third octave band wavelength spectrum.

Keel en

**ASENDATUD VÕI TÜHISTATUD STANDARDID**

**EVS 867:2003+A1:2007**

ja identne EVS 867:2003+A1:2007

**Raudteealased rakendused. Reisijate ooteplatvormid**

Standard käsitleb raudtee uute ehitatavate ja olemasolevate rekonstrueeritavate reisijate ooteplatvormide projekteerimisele, ehitamisele ja hooldusele esitatavaid nõudeid.

Keel et

Asendab EVS 867:2003; EVS 867/A1:2007

Asendatud EVS 867:2003+A1:2007+A2:2009

**KAVANDITE ARVAMUSKÜSITLUS**

**EN 13674-4:2006/FprA1**

Identne EN 13674-4:2006/FprA1:2009

Tähtaeg 29.08.2009

**Railways applications - Track - Rail - Part 4: Vignole railway rails from 27 kg/m to, but excluding 46 kg/m**

This part of EN 13674 specifies flat bottom Vignole railway rails from 27 kg/m to, but excluding 46 kg/m. Five pearlitic steel grades are specified covering a rail hardness range of 200 HBW to 390 HBW and include non-heat-treated non-alloy steels, non-heat-treated alloy steels and heat-treated non-alloy steels. There are 13 rail profiles specified in this European Standard, but these may not be available in all steel grades.

Keel en

**EN 13803-2:2007/FprA1**

Identne EN 13803-2:2006/FprA1:2009

Tähtaeg 29.08.2009

**Raudteealased rakendused. 1435 mm ja laiema rööpmevahega rööbastee projekteerimine. Osa 2: Pöörmed, ristmed ja nendega sarnaneva geomeetriaga järsult muutuva raadiusega kõverike projekteerimisolukorrad.**

Standard määratleb reeglid ja väärtused raudteetrassi kavandamiseks, mille käigus määratakse järskude kõverikega ja muutuva välisrööpa kõrgendusega rööbasteedel liikumiseks lubatavad maksimaalkiirused. Mainitud tingimused leiavad aset järgmistes olukordades: -pöörmete ja ristmete kõrvalteedel; - juhtudel, kus üleminekukõverike kavandamine pole praktiliselt teostatav; - kui üleminekukõveriku pikkus jääb alla sirge rööbastee puhul nõutava miinimumi.

Keel en

**EN 14811:2006/FprA1**

Identne EN 14811:2006/FprA1:2009

Tähtaeg 29.08.2009

**Railway applications - Track - Special purpose rail - Grooved and associated construction**

This European Standard specifies requirements for grooved rails and associated construction rail profiles for grooved rail facilities with a linear mass of 42 kg/m and upwards for use in tram transport systems. Six pearlitic steel grades are specified in a hardness range between 200 HBW and 390 HBW. The rails are either non-heat-treated or heat-treated and are made from non-alloyed (C-Mn) steel in both cases. This standard specifies 18 specific grooved rail profiles and 7 specific construction rail profiles. The grooved rail profiles can also be used as construction elements in switches and crossings. Two grooved rail classes are specified differing in requirements for profile tolerances.

Keel en

**prEN 12697-45**

Identne prEN 12697-45:2009

Tähtaeg 29.08.2009

**Bituminous mixtures - Test methods for hot mix asphalt - Part 45: Saturation Ageing Tensile Stiffness (SATS) Conditioning Test**

This European Standard describes a test method to assess the durability of adhesion in base and binder course asphalt mixtures using the Saturation Ageing Tensile Stiffness (SATS) conditioning regime, to age the specimens in the presence of water, together with a comparative test for assessing performance before and after conditioning. The applicability of this test method is limited to bituminous specimens with consistent air voids contents and hard binder grades. The test is intended to be used as an initial type test for assessment of a combination of aggregate, filler and additives.

Keel en

**prEN 13674-1**

Identne prEN 13674-1:2009

Tähtaeg 29.08.2009

**Raudteealased rakendused. Rööbastee. Rööbas. Osa 1: Laiatallalised (Vignole'i) raudteerööpad lineaarmassiga 46 kg/m ja üle selle**

This European Standard specifies Vignole railway rails of 46 kg/m and greater linear mass, for general and high speed railway track usage. Seven pearlitic steel grades are specified covering a hardness range of 200 HBW to 390 HBW and include non heat treated carbon manganese steels, non heat treated alloy steels, and heat treated carbon manganese steels. There are 21 rail profiles specified in this Standard. Two classes of rail straightness are specified, differing in requirements for straightness, surface flatness and crown profile. Two classes of profile tolerances are specified.

Keel en

Asendab EVS-EN 13674-1:2005+A1:2008

## 97 OLME. MEELELAHUTUS. SPORT

**UUED STANDARDID JA PUBLIKATSIOONID**

**EVS-EN 61770:2009**

Hind 178,00

Identne EN 61770:2009

ja identne IEC 61770:2008

**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; EVS-EN 61770:2001/AC:2007

**ASENDATUD VÕI TÜHISTATUD STANDARDID**

**EVS-EN 61770:2001**

Identne EN 61770:1999

ja identne IEC 61770:1998

**Veevõrguga ühendatud elektriseadmed. Tagasivoolu ja voolikute tõrke vältimine**

This standard specifies requirements for the connection of washing machines, dishwashers and condensation-type tumble dryers to the water mains having a water pressure not exceeding 1 MPa for prevention of backsiphonage of non-potable water into the water mains and flooding due to failure of hose-sets.

Keel en

Asendatud EVS-EN 61770:2009

**EVS-EN 61770:2001/A2:2006**

Identne EN 61770:1999/A2:2006

ja identne IEC 61770:1998/A2:2006

**Veevõrguga ühendatud elektriseadmed. Tagasivoolu ja voolikute tõrke vältimine**

This standard specifies requirements for the connection of washing machines, dishwashers and condensation-type tumble dryers to the water mains having a water pressure not exceeding 1 MPa for prevention of backsiphonage of non-potable water into the water mains and flooding due to failure of hose-sets.

Keel en

Asendatud EVS-EN 61770:2009

**EVS-EN 61770:2001/AC:2007**

Identne EN 61770:1999/Corr:2007

**Veevõrguga ühendatud elektriseadmed. Tagasivoolu ja voolikute tõrke vältimine**

Keel en

Asendatud EVS-EN 61770:2009

**EVS-EN 61770:2001/A1:2004**

Identne EN 61770:1999/A1:2004

ja identne IEC 61770:1998/A1:2004

**Veevõrguga ühendatud elektriseadmed. Tagasivoolu ja voolikute tõrke vältimine**

This standard specifies requirements for the connection of washing machines, dishwashers and condensation-type tumble dryers to the water mains having a water pressure not exceeding 1 MPa for prevention of backsiphonage of non-potable water into the water mains and flooding due to failure of hose-sets.

Keel en

Asendatud EVS-EN 61770:2009

**KAVANDITE ARVAMUSKÜSITLUS**

**EN 14957:2006/FprA1**

Identne EN 14957:2006/FprA1:2009

Tähtaeg 29.08.2009

**Toidutöötlemismasinad. Konveieriga nõudepesumasinad. Ohutus- ja hügieeninõuded**

This European Standard applies to multizones dishwashing-machines with passing through motorized belt (flight type) or rack conveyor. In case of flight type, the loading and unloading areas are part of the machine. The machines covered by this European Standard are intended for washing, rinsing and optionally drying the dishes and the kitchen utensils, used in food and catering premises such as restaurant, hotel etc.

Keel en

**FprEN 14434**

Identne FprEN 14434:2009

Tähtaeg 29.08.2009

**Haridusasutuste kirjutustahvlid. Ergonoomilised, tehnilised ja ohutusnõuded ning katsemeetodid**

This document specifies ergonomic, technical and safety requirements for wall mounted and free-standing writing boards for use in rooms for educational and training purposes, e.g. classrooms, lecture theatres for schools, universities etc. It is intended to prevent serious injury through normal functional use, as well as misuse that might reasonably be expected to occur. This document applies to units after installation. Safety depending on the structure of the building is not included, e.g. the strength of wall mounted boards includes only the board and its parts. The wall and the wall attachment are not included. Requirements concerning electrical safety are not included. Annex A (normative) includes an assessment scale for the ability to write and erase. Annex B (informative) includes terminology for display writing boards. Annex C (informative) includes significant technical differences between this document and EN 14434:2004.

Keel en

Asendab EVS-EN 14434:2005/AC:2008; EVS-EN 14434:2005

**FprEN 60312-1**

Identne FprEN 60312-1:2009

ja identne IEC 60312-1:200X

Tähtaeg 29.08.2009

**Vacuum cleaners for household use - Dry vacuum - Methods for measuringperformance**

This International Standard is applicable to dry vacuum cleaners for household use in or under conditions similar to those in households. The purpose of this standard is to specify essential performance characteristics of dry vacuum cleaners being of interest to the users and to describe methods for measuring these characteristics.

Keel en

Asendab EVS-EN 60312:2008

**prEN 624**

Identne prEN 624:2009

Tähtaeg 29.08.2009

**Vedelgaasiseadmete tehniline kirjeldus. Vedelgaaside ruumisoojendamise seadmed hermeetilises ruumis paigaldamiseks sõidukitesse ja laevadesse**

This European standard specifies the characteristics of safety, construction, performance and efficiency, the test methods and marking, of room sealed space heating equipment of type C (see CEN/TR 1749) with combustion air intake and outlet for the products of combustion in the wall, roof or floor, combined or not. These are referred to in the body of the text as "heaters", burning LPG, for vehicles and boats.

Keel en

Asendab EVS-EN 624:2001; EVS-EN 624:2001/A2:2007

**prEN 1949**

Identne prEN 1949:2009

Tähtaeg 29.08.2009

**Specification for the installation of LPG systems for habitation purposes in leisure accommodation vehicles and accommodation purposes in other vehicles**

This European Standard specifies the requirements for the installation of liquefied petroleum gas systems for habitation purposes in leisure accommodation vehicles and for accommodation purposes in other vehicles. It details safety and health requirements on the selection of materials, components and appliances, on design considerations and tightness testing of installations and on the contents of the user's handbook. This standard does not cover installations supplied from other than 3rd family gases (LPG), water connections or electrical power supplies to the appliance(s). Portable appliances, incorporating their own gas supply, are not considered part of the installation and are outside the scope of this standard. It does not include the installation of LPG appliances to be used for commercial purposes or for boats. Also, gas supply equipment and gas appliances separate from and external to the body of the vehicle are not considered by this standard.

Keel en

Asendab EVS-EN 1949:2002; EVS-EN 1949:2002/A1:2005

**prEN 15946**

Identne prEN 15946:2009

Tähtaeg 29.08.2009

**Conservation of cultural property - Packing methods**

This European Standard defines the principles of packing stabilized or conditioned objects in transit.

Keel en

# STANDARDITE TÕLKED KOMMENTEERIMISEL

Selles jaotises avaldame teavet eesti keelde tõlgitavate Euroopa või rahvusvaheliste standardite kohta ja inglise keelde tõlgitavate algupäraste standardite kohta.

Veebruarikuust 2004 alates ei avaldata teavet arvamusküsitluse jaotises eelpool nimetatud standardite kohta, kuna tegemist on varem jõustumisteate meetodil üle võetud standarditega, mille sisu osas arvamust avaldada ei saa. Alates aastast 2008 ei muuda standardi tõlkimine standardi tähises aastaarvu ning eestikeelse standardi avaldamise aasta on sama, mis standardi esmakordsel avaldamisel Eesti standardina (reeglina jõustumisteate meetodil standardi inglisekeelse teksti kättesaadavaks tegemisega).

Standardite tõlgetega tutvumiseks palume ühendust võtta EVS-i standardiosakonnaga standardiosakond@evs.ee või ostmiseks klienditeenindusega standard@evs.ee.

**Tõlgete kommenteerimise ja ettepanekute esitamise perioodi lõpp on 01.08.2009**

**prEVS-EN 1090-2:2008**
**Teraskonstruktsioonide ja alumiinium-konstruktsioonide valmistamine - Osa 2: Tehnilised nõuded teraskonstruktsioonidele**
Euroopa standard määratleb nõuded terasest kandekonstruktsioonidele ja nende komponentidele, mis on valmistatud kuumvaltsitud konstruktsiooniterasest tugevusklassiga kuni S690 (kaasa arvatud); külmvormitud profiilidest ja profiilplekist elementidele, kaasa arvatud roostevabast terasest elementidele tugevusklassiga kuni S700 ja süsinikterasest elementidele tugevusklassiga kuni S690 (kaasa arvatud); kuum- ja külmvormitud roostevabast austeniit-, austeniit-ferriit- ja ferriitterasest toodetest; kuum- ja külmvormitud toruprofiilidest, kaasa arvatud standard- ja tellitud mõõtudega õmblusteta ja keevitatud terastorud.
Identne: EN 1090-2:2008

**prEVS-EN 14214:2009**
**Mootorikütused. Rasvhapete metüülestrid (FAME) diiselmootorite jaoks. Nõuded ja katsemeetodid**
Standardis esitatakse nõuded ja katsemeetodid turustatavatele ja tarnitavatele rasvhapete metüülestritele (FAME), mida kasutatakse kas 100%-lises kontsentratsioonis diislikütusena või diislikütuse segukomponendina vastavalt EN 590 nõuetele. 100% FAME standard on rakendatav kütusele, mida kasutatakse 100% FAME jaoks konstrueeritud või hiljem kohandatud diiselmootoriga sõidukil.
Identne: EN 14214:2008

**FprHD 60364-7-721**
**Madalpingelised elektripaigaldised. Osa 7-721: Nõuded eripaigaldistele ja -paikadele. Sõiduksuvilate elektripaigaldised**
HD 60364 selle osa üksikasjalikud nõuded kehtivad haagis- ja mootorsõiduksuvilate elektripaigaldiste kohta. Need nõuded kehtivad nende elektriahelate ja -seadmete kohta, mis on ette nähtud kasutamiseks elamiseks ettenähtud sõiduksuvilates. Need nõuded ei kehti autodele ette nähtud elektriahelate ja -seadmete kohta. Need nõuded ei kehti teisaldatavate elamute, püsi-parklaelamute ja transporditavate üksuste kohta.
Identne: IEC 60364-7-721:2007; FprHD 60364-7-721:2008

**prEVS-EN 50341-1:2006+A1:2009**
**Elektriõhuliinid vahelduvpingega üle 45 kV. Osa 1: Üldnõuded - ühised eeskirjad**
Standard hõlmab elektriõhuliine vahelduvpingega üle 45 kV ja nimisagedusega alla 100 Hz. Standard määrab kindlaks uute õhuliinide projekteerimise ja ehitamise üldnõuded, mida tuleb järgida, et kindlustada liini vastavus tema otstarbele, pidades silmas inimeste ohutuse, hoolde, käidu ja keskkonnaalaseid nõudeid.
Identne: EVS-EN 50341-1:2006+EVS-EN 50341-1:2006/A1:2009

# ALGUPÄRASE STANDARDI ÜLEVAATUS

Algupärase Eesti standardi ülevaatus toimub üldjuhul iga viie aasta järel või aasta enne kehtivusaja lõppu ning selle eesmärk on kontrollida: standardi tehnilist taset, vastavust aja nõuetele, vastavust kehtivatele õigusaktidele, kooskõla rahvusvaheliste või Euroopa standarditega jne.
Standardi ülevaatus kestab üldjuhul 1 kuu, mille käigus saadetakse ülevaatusküsimustik arvamuse avaldamiseks standardi koostaja(te)le ja kõigile teadaolevatele huvipooltele. Ülevaatusel olevatest standarditest ja ülevaatuse tulemustest teavitatakse EVS Teataja ja EVS koduleheküljе vahendusel. Ülevaatuse tulemusena jäetakse standard kehtima, algatatakse standardi muudatuse koostamine, tühistatakse standard või asendatakse see ülevõetava Euroopa või rahvusvahelise standardiga.

Huvipakkuva standardi teksti on võimalik tutvumiseks küsida EVS standardiosakonnast (standardiosakond@evs.ee) ning nagu ikka, on standarditega võimalik tutvuda ka EVS klienditeeninduses.

Alljärgnevalt on loetletud ülevaatusel olevad standardid, mille kohta arvamuse esitamise viimane tähtaeg on **01.08.2009**.

**EVS 621:1993**
**Sõiduki riigi tunnusmärk. Põhinõuded**
Standardiga määratakse nõuded riigi tunnusmärgile, mis peab olema kinnitatud või pealdatud Eestis alaliselt registreeritud sõiduki tagaosale riigist väljasõidul

**EVS 651:1994**
**Alküülresortsiinsed epoksüvaigud, tüüp AREM-2. Tehnilised nõuded ja katsemeetodid**
Standard käsitleb alküülresortsiinsete epoksüvaikude markide AREM-2-16, AREM-2-18, AREM-2-20 tehnilisi näitajaid ja nende katsemeetodeid.

**EVS 733:1997**
**Füüsikaliste suuruste mõõtühikud, nende nimetused ja tähised**
Standard käsitleb füüsikaliste suuruste mõõtühikuid, nende nimetusi, tähiseid, kord- ja osaühikute moodustamise reegleid ning kirjaviisi füüsikaliste suuruste väärtuste esitamisel. Standardi 3. Ja 4. jaotises käsitletud mõõtühikud on seaduslikud mõõtühikud mõõteseaduse (RT I 1994, 71, 1224) mõttes. Täiendavalt on standardis toodud ühikutele võib mere-, õhu- ja raudteetranspordis või tulenevalt rahvusvahelistest lepingutest, millega Eesti on ühinenud, kasutada ka teisi ühikuid.

**EVS 745:1998**
**Kauba ja materjali massi mõõtmine kaalumisega. Mõõtemetoodika**
Standard käsitleb kauba ja materjalide massi mõõtmist kaalude abil ning saadud mõõdistest mõõtetulemuse ja selle määramatuse arvutamist. Mõõtemeetod on kasutatav kauba ja materjalide massi mõõtmisel kaalude abil ladudes, kauplustes, müügitehingutes, kauba koguste kaalumisel tollis, kinnispakendis oleva kauba massi mõõtmiseks ja muudel analoogsetel juhtudel. Mõõtmisel kasutatavad kaalud peavad vastama OIML R76-1 järgi kas II, III või IIII täpsusklassi nõuetele. Kaalumise piirid 0,1 g kuni 200 tonni. Mõõdetav kaubakoguse mass peab vastama kaalu spetsifikatsioonis esitatud tööpiirkonnale ja väliskeskkonna temperatuur peab olema kaalu spetsifikatsioonis esitatud töötemperatuuride vahemikus.

**EVS 746:1998**
**Tükikauba koguse mõõtmine. Mõõtemetoodika**
Standard käsitleb kauba koguse mõõtmist tükikauba loendamise teel ning (vajaduse korral) kaubapartii kogu massi või mahu arvutamist kauba dokumentides toodud tükikauba massi või mahu väärtuse põhjal. Antakse juhis saadud tulemusele mõõtemääramatuse leidmiseks.

**EVS 749:1998**
**Kinnispakid. Netokoguse märgistus ja metroloogilised nõuded**
Sstandard käsitleb kinnispakkide pakendamisele ja netokoguse märgistamisele esitatavaid metroloogilisi nõudeid ning nõuetele vastavuse kontrolli meetodeid.

Standardi objektiks on kinnispakid, mille nominaalne netokogus on suurem kui 5 g või 5 ml ja väiksem kui 25 kg või 25 l; samuti ka kinnispakid, mille nominaalne netokogus on väljendatud arvulise hulgana (nt tükikogus). Standardi objektiks kinnispakkide märgistamisel on nominaalset netokogust kajastav märgistus.

**EVS 835:2003**
**Kinnistu veevärgi projekteerimine**
Standard kehtib kinnistute veevärkidele, mis on ühendatud linna või asula ühisveevärgiga või kohaliku veevarustusallikaga. Kinnistu veevärgi all mõistetakse hoonesisest külma- ja soojaveetorustikku koos toruarmatuuriga, veevarustusseadmeid ja maa-alust veetoru kinnistu piires ning sellest väljapoole kuni peakraanini . Standardi nõudeid tuleb täita nii uue kinnistu veevärgi projekteerimisel, paigaldamisel, katsetamisel kui ka olemasolevate vee-värkide remondil ja ümberehitusel.

**EVS 846:2003**
**Kinnistu kanalisatsioon**
Standard kehtib kinnistu kanalisatsioonile, mille kaudu reoveed suubuvad linna või asula ühiskanalisatsiooni või veekogusse.
Kinnistu kanalisatsiooni all mõeldakse hoonesisest veeneeludega ühendatud kanalisatsioonitorustikku koos võimalike lisaseadmetega (sulgeseadmed, pumplad, puhastusavad) ja kinnistu piires asuvat õuekanalisatsiooni koos kaevude ja võimalike kohtpuhastitega . Standardis ei käsitleta tulekustutusveega seonduvat.
Standardi nõudeid tuleb täita nii uue kinnistu kanalisatsiooni projekteerimisel, paigaldamisel, katsetamisel kui ka olemasolevate kanalisatsioonisüsteemide ümberehitamisel.

**EVS 847-1:2003**
**Ühisveevärk. Osa 1: Veehaarded**
Standard kehtib ühis- või eraveevärgi veehaaretele ning on ette nähtud kasutamiseks veevärgi veeallika valikul, veehaarde tüübi ja asukoha valikul, veehaarde põhi-sõlmede projekteerimisel ja seadmete valikul ning veeallika ja veehaarde sanitaarkaitsealade projekteerimisel.

**EVS 847-2:2003**
**Ühisveevärk. Osa 2: Veepuhastus**
Standard kehtib ühis- või eraveevärgi veekäitlusele ning on ette nähtud kasutamiseks veevärgi puhastusseadmete tüübi ja asukoha valikul, puhastusseadmete põhisõlmede projekteerimisel ja ehitusel. Standardi lisa B sisaldab soovituslikku abimaterjali projekteerijale.

**EVS 847-3:2003**
**Ühisveevärk. Osa 3: Veevärgi projekteerimine**
Standard kehtib ühisveevärgile, sõltumata selle omandivormist ning, on ette nähtud kasutada ühisveevärgi, sealhulgas pumplate ja veereservuaaride projekteerimisel, veetorustiku dimensioonimisel ja pumpade ning teiste abiseadmete valimisel. Standard on kasutatav nii uue ühisveevärgi rajamisel kui olemasoleva laiendamisel ja ümberehitamisel. Standardi lisad sisaldavad informatiivset, soovituslikku abimaterjali projekteerijale.

**EVS 848:2003**
**Ühiskanalisatsioonivõrk**
Projekteerimisstandard kehtib hooneväliste isevoolsete kanalisatsiooni-võrkude kohta, s.o hoonekollektorist või sajuvee restkaevust kohani, kus vesi jõuab reoveepuhastisse või suublasse. Hoonealused torustikud ja kollektorid kuuluvad kanalisatsioonivõrgu hulka siis, kui nad ei ole osa kinnistukanalisatsioonist.

**EVS 683:2001**
**Värske peakapsas**
Standard käsitleb värskelt kaubastatava peakapsa Brussica oleracea L. var. capitata L (kaasa arvatud punane peakapsas ja teravatipuline peakapsas) ja Brassica oleracea L. var. bullata DC ja var. sabauda L. (kähar peakapsas) kapsasortide kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud peakapsaste kohta.

**EVS 684:2001**
**Värske lillkapsas**
Standard käsitleb värskelt kaubastatava lillkapsa (Brussica oleracea L. convar. botrytis var. botrytis (L)) kvaliteedi ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud lillkapsa kohta.

**EVS 685:1995**
**Värske spargelkapsas**
Standard käsitleb värskelt kaubastatava spargelkapsa (Brassica okracea convar, botrytis var. botrytis) kvaliteedi ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud spargelkapsa kohta.

**EVS 686:2001**
**Värske nuikapsas**
Standard käsitleb värskelt kaubastatava nuikapsa (Brassica oleracea var. gongyloides) varsvilja kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud nuikapsa kohta.

**EVS 687:2001**
**Värske rooskapsas**
Standard käsitleb värskelt kaubastatava rooskapsa (Brassica oleracea var. Bullata subvar. Gemmifera DC.) varsvilja kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud rooskapsa kohta.

**EVS 688:2001**
**Värske porgand**
Standard käsitleb värskelt kaubastatava porgandi (Daucus carota.L.) kva1iteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist, Standard ei kehti töötlemiseks määratud porgandi kohta.

**EVS 692:2002**
**Värske salat**
Standard käsitleb värskelt kaubastatava aedsalati (Lactuca sativa L.) sortide ja teisendite Lactuca sativa L. var. capitata L. (peasalat, kaasa arvatud jääsalat), Lactuca sativa L. var. longifolia Lam. (rooma salat), Lactuca sativa L. var. crispa L. (lehtsalat) ja nende ristandite kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist.
Standard käsitleb ka värskelt kaubastatava käharendiivia (Cichorium endivia L. var. crispum Lam.) ja eskariooli (Cichorium endivia L. var. latifolia Lam.) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti üksikute lehtedena või potis kaubastatavate salatite ning töötlemiseks määratud salatite kohta.

**EVS 693:1995**
**Värske rabarber**
Standard käsitleb värskelt kaubastatava rabarbri (Rheum rhabarbarum ja Rheum rhaponticum) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud rabarbri kohta,

**EVS 694:2001**
**Värske söögisibul**
Standard käsitleb värskelt kaubastatava hariliku (söögi-) sibula (AlIium cepa L.) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja .märgistamist. Standard ei kehti pealsetega kaubastatava ega töötlemiseks määratud sibula kohta

**EVS 695:2001**
**Värske küüslauk**
Standard käsitleb küüslaugu (Allium sativum L.) kvaliteedi ja suurusnõudeid ning kaubastamiseks ettevalmist pakendamist ja märgistamist erinevates kuivusastmetes:

- värske küüslauk, mille vars on roheline ja väliskoor on värske;
- poolkuiv küüslauk, mille vars ja väliskoor ei ole täielikult kuivanud:
- kuiv küüslauk, mille vars, väliskoor ja tütarsibulaid ümbritsev koor on täielikult kuivanud.

Standard ei kehti töötlemiseks määratud küüslaugu ning roheliste lehtedega (pealsetega) küüslaugu, mille küüned ei ole välja arenenud kohta.

**EVS 696:2002**
**Värske porrulauk**
Standard käsitleb värskelt kaubastatava porrulaugu (Allium porrum L.) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud porrulaugu kohta.

**EVS 697:2001**
**Värske aedhernes**
Standard käsitleb värske kauntena kaubastatava aedherne (Pisum sativum L.) sortide ja teisendite Pisum .sativum L. var

macrocarpon (salathernes), Pisum sativum L. var. saccharatum (suhkru- ehk lesthernes) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevaImistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud aedhernele.

**EVS 698:2002**
**Värske uba**
Standard käsitleb värskelt kauntena kaubastatava aedoa (Phaseolus vulgaris L.) ja õisoa (Phaseolus coccineus L.) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud ubade kohta.

**EVS 699:1995**
**Värske juurseller**
Standard käsitleb värskelt kaubastatava juurselleri (Apium graveolens var. rapaceum) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud juurselleri kohta.

**EVS 700:1995**
**Värske petersell**
Standard käsitleb värskelt kaubastatava nii leht- kui ka juurpeterselli (Petroselinum crispum ssp. crispum ja ssp. tuberosum) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud peterselli kohta.

**EVS 701:1995**
**Värske aedtill**
Standard käsitleb värskelt kaubastatava aedtilli (Anethum graveolens var. hortorum) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud aedtilli kohta.

**EVS 702:2001**
**Värske kurk**
Standard käsitleb värskelt kaubastatava kurgi (Cucumis sativus L) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks (konserveerimiseks) määratud kurgi kohta,

**EVS 703:2001**
**Värske kabatšokk**
Standard käsitleb värskelt kaubastatava noorte ja õrnade viljadena koristatud (seemned ei ole kõvaks muutunud) kabatšoki (Cucurbita pepo L.) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist Ja märgistamist. Standard ei kehti töötlemiseks määratud. kabatšoki kohta.

**EVS 704:2001**
**Värske tomat**
Standard käsitleb värskelt kaubastatava tomati (Lycopersicon. esculentum L.) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud tomati kohta. Tomatid liigitatakse kuju järgi nelja rühma:

- ümarad;
- ribilised (lihatomatid);
- ovaalsed ja piklikud;
- kirsstomatid.

**EVS 705:2002**
**Värske paprika**
Standard käsitleb värskelt kaubastatava paprika (Capsicum annuum var. annuum) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud paprika kohta. Paprikal eristatakse kuju järgi nelja rühma:

- pikergused (koonilised);
- kandilised (tömbid);
- kandilised teravatipulised (talbjad);
- lapikud (tomatipaprika ehk tomatikujuline paprika).

**EVS 706:2001**
**Värsked õunad ja pirnid**
Standard käsitleb kaubastatavate õunte (Malus domestica L.) ja pirnide (Pyrus communis L.) kvaliteedi- ja suurusnõudeid ning pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud õunte ja pirnide kohta.

**EVS 707:2001**
**Värsked ploomid**
Standard käsitleb värskelt kaubastatavate ploomide (Prunus domestica L.ssp. domestica, Prunus domestica L.ssp. insititia), (kreekide) Prunus domestica L.ssp italica, Prunus salicina Lindley, Prunus triflora Roxburgh)

suurusnõudeid ning pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud ploomide kohta.

**EVS 708:2001**
**Värsked kirsid**
Standard käsitleb värskelt kaubastatavate hapukirsside (Prunus cerasus L.), maguskirsside (avium L) ja nende hübriidide kvaliteedi- ja suurusnõudeid ning pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud kirsside kohta.

**EVS 709:2001**
**Värsked maasikad**
Standard käsitleb värskelt kaubastatavate maasikate (Fragaria) kvaliteedi- ja suurusnõudeid ning pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud maasikate kohta,

**EVS 714:1995**
**Värsked mustad arooniad**
Standard käsitleb värskelt kaubastatavate musta aroonia viljade (Aronia melaniocarpa (Michx) Elliot) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist. Standard ei kehti töötlemiseks määratud musta aroonia kohta.

**EVS 715:1995**
**Värsked ebaküdooniad**
Standard käsitleb värskelt kaubastatavate ebaküdoonia viljade (Chaenomeles perekond) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist. Standard ei kehti töötlemiseks määratud ebaküdoonia viljade kohta

**EVS 781:2001**
**Värsked aprikoosid**
Standard käsitleb värskelt: kaubastatavate aprikooside (Prunus armeniaca L.) kvaliteedi ja suurusnõudeid ning pakendamist ja märgistamist Standard ei kehti töötlemiseks määratud aprikooside kohta.

**EVS 782:2001**
**Värske arbuus**
Standard käsitleb värskelt kaubastatava arbuusi (Citrullus lanatus Thumb.) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud arbuusi kohta.

**EVS 783:2001**
**Värske artišokk**
Standard käsitleb värskelt kaubastatava artišoki (Cynara scolymus L.) õisikute kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud artišoki kohta.

**EVS 784:2001**
**Värske avokaado**
Standard käsitleb pirnloorberipuu (Persea americana Mill.) värskelt kaubastatava vilja - avokaado kvaliteedi- ja suurusnõudeid ning pakendamist ja märgistamist. Standard ei kehti partenokarpsete viljade ja töötlemiseks määratud avokaadode kohta.

**EVS 785:2001**
**Värske baklažaan**
Standard käsitleb värskelt kaubastatava baklažaani (Solanum melongena L. var esculentum, S. m. var. Insanum, ja S. m. var. ovigerum) viljade kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud baklažaani kohta.

**EVS 786:2001**
**Värsked kiivid**
Standard kehtib kiiviviljadele (tuntud: ka. nimetuse 'aktiniidia' või 'kiivi'), mis on kasvatatud liikide Actinidia chinensis Planch või Actinidia deIiciosa A.Chev, C.F. Liang ja A.R. Ferguson sortidest ning tarnitakse tarbijale värskelt. Standard käsitleb kiiviviljade kvaliteedi- ja suurusnõudeid ning pakendamist ja märgistamist. Standard ei kehti töötlemiseks ettenähtud kiivide kohta.

**EVS 789:2002**
**Värske melon**
Standard käsitleb värskelt kaubastatava meloni (Cucumis melo L.) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud meloni kohta.

**EVS 790:2001**
**Värsked virsikud ja nektariinid**
Standard käsitleb värskelt kaubastatavate virsikute ja nektariinide (Prunus persica Sieb, et Zucc) kvaliteedi- ja suurusnõudeid ning pakendamist ja märgistamist. Standard ei kehti

töötlemiseks määratud virsikute ja nektariinide kohta.

**EVS 791:2001**
**Värske salatsigur**
Standard kehtib salatsiguri (Cichorium intybus L. var. foliosum HEGI) juurtest ajatatud leherosettidele, mis tarnitakse tarbijatele värskelt. Standard ei kehti töötlemiseks määratud salatsiguri kohta.

**EVS 792:2001**
**Värske spargel**
Standard kehtib liigi Asparagus officinalis L. sortidest kasvatatud võrsetele, mis tarnitakse tarbijatele värskelt. Standard ei kehti töötlemiseks määratud spargli kohta.
Spargli võrsed jagatakse vastavalt värvusele nelja rühma:

1. valge spargel;
2. violetne spargel, mille tippude värvus on roosast violetse või purpurpunaseni kusjuures osa võrsest on vaIge;
3. violetne-roheline spargel, mille võrsest osa on violetse ja osa rohelise värvusega;
4. roheline spargel, mille tipud ja enamik võrsest on rohelised.

See standard ei kehti rohelise ja violetse/rohelise spargli kohta, mille läbimõõt on alla 3 mm ja valge ning violetse spargli kohta, mille läbimõõt on alla 8 mm, ning mis on pakitud ühtsetesse: kimpudesse või teated kindlasse pakendiüksusesse.

**EVS 793:2001**
**Värske spinat**
Standard käsitleb värskelt kaubastatava spinati (Spinacia oleracea L.) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud spinati kohta.

**EVS 794:2002**
**Värsked tsitrusviljad**
Standard käsitleb värskelt tarbimiseks kaubastatavate tsitrusviljade kvaliteedi- ja suurusnõudeid ning pakendamist ja märgistamist. Standard ei kehti töötlemiseks ettenähtud tsitrusviljadele.
Standard hõlmab järgmiste botaaniliste liikide ja sordirühmade vilju:

- sidrunipuu (Citrus Union (L.) Burmf.);
- mandariinipuu (Citrus reticulata Blanco) sortide rühmad: mandariinid (Citrus deliciosa Ten.), tangeriinid (Citrus tangerina Hort cx Tan.), satsumamandariinid (Citrus unshiu Marcow.), klementiinid (Citrus clenientina Hort cx Tan.) ja nende hübriidid teiste tsitrusviljapuudega; edaspidi nimetatakse kõiki mandariinideks;
- apelsinipuu (Citrus sinensis (L.) Osbeck).

**EVS 795:2001**
**Värske varsseller**
Standard käsitleb värskelt kaubastatava varsselleri (Apium graveolens L. var, Dulce Mill.) kvaliteedi ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud varsselleri kohta.

**EVS 796:2002**
**Värsked viinamarjad**
Standard käsitleb värskelt kaubastatavate lauaviinamarjade (Vitis vinifera L.) kvaliteedi- ja suurusnõudeid ning pakendamist ja märgistamist. Standard ei kehti töötlemiseks ettenähtud lauaviinamarjade kohta.

**EVS 805:2001**
**Värske banaan**
Standard käsitleb värskelt kaubastatava banaani Musa (AAA) spp. lisas 1 esitatud alarühmade Cavendish ja Gros Michel kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti jahubanaanide, viigibanaanide ja tööstuslikuks töötlemiseks ettenähtud banaanide kohta.

**EVS 824:2002**
**Kreeka pähklid kestas**
Standard käsitleb koos kestaga kaubastatavate kreeka pähklite (Juglans regia L.) kvaliteedinõudeid ning pakendamist ja märgistamist. Standard ei kehti töötlemiseks ettenähtud kreeka pähklite kohta.

**EVS 750:1998**
**Õunapuu-, pirnipuu- ja kultuurpihlakaistikud**
Standard käsitleb müügiks kasvatatavate õunapuu- (Malus), pirnipuu (Pyrus) ja kultuurpihlakaistikute (Sorbus)

kvaliteedinõudeid ning kaubastamiseks ettevalmistamist. Standard on EVS kogumiku 103 "Puuvilja- ja marjakultuuride istikud" üks osa.

**EVS 751:1998**
**Ploomipuu- ja kirsipuuistikud**
Standard käsitleb müügiks kasvatatavate ploomipuu-, kreegipuu- ning hapu- ja maguskirsipuuistikute (Prunus, Cerasus) kvaliteedinõudeid ning kaubastamiseks ettevalmistamist. Standard on üks osa EVS kogumikust 103 "Puuvilja- ja marjakultuuride istikud".

**EVS 752:1998**
**Maasikaistikud**
Standard käsitleb müügiks kasvatatavate maasikaistikute (Fragaria) kvaliteedinõudeid ning kaubastamiseks ettevalmistamist. Standard on üks osa EVS kogumikust 103 "Puuvilja- ja marjakultuuride istikud".

**EVS 753:1998**
**Vaarika- ja pampliistikud**
Standard käsitleb müügiks kasvatatavate vaarika- ja pampliistikute (Rubus idaeus) kvaliteedinõudeid ning kaubastamiseks ettevalmistusi. Standard on EVS kogumiku 103 "Puuvilja- ja marjakultuuride istikud" üks osa.

**EVS 754:1998**
**Sõstra- ja karusmarjaistikud**
Standard käsitleb müügiks kasvatatavate musta, punase ja valge sõstra ning karusmarjaistikute (Ribes) kvaliteedinõudeid ja kaubastamiseks ettevalmistamist. Standard on EVS kogumiku 103 "Puuvilja- ja marjakultuuride istikud" üks osa.

**EVS 755:1998**
**Viljapuude pookealused**
Standard käsitleb müügiks kasvatatavate õunapuude (Malus), pirnipuude (Pyrus), ploomipuude (Prunus) ja kirsipuude (Prunus, Cerasus) pookealuste kvaliteedinõudeid ning kaubaks ettevalmistamist. Standard on EVS kogumiku 103 "Puuvilja- ja marjakultuuride istikud" üks osa.

**EVS 778:2001**
**Ilupuude ja - põõsaste istikud**
Standard käsitleb turustatavate ilupuude ja -põõsaste, ronitaimede ning püsikute istikute kvaliteedinõudeid, pakendamist ja märgistamist.

**EVS 778:2001**
**Ilupuude ja -põõsaste istikud**
Standard käsitleb turustatavate ilupuude ja -põõsaste, ronitaimede ning püsikute istikute kvaliteedinõudeid, pakendamist ja märgistamist.

**EVS 779:2001**
**Värsked lõikelilled. Värske lõike-iluroheline**
Standard käsitleb turustatavaid värskeid lõikelilli, nende puhkemata ja puhkenud lõikeõisi ning värsket lõike-ilurohelist, määratleb nende kvaliteedi- ja suurusnõuded ning pakendamise ja märgistamise.

**EVS 802:2001**
**Potililled**
Standard käsitleb turustatavaid potis kasvatatavaid õis-, vili- ja lehtdekoratiivseid toa- ja õuetaimi, määratleb nende kvaliteedi- ja suurusnõuded ning pakendamise ja märgistamise. Standardis kasutatakse eeltoodud taimede üldnimetusena sõna potililll. Standard ei käsitle potis turustatavaid istikuid.

**EVS 787:2001**
**Lillesibulad**
Standard käsitleb turustatavaid lillekultuuride sibulaid, mugulaid, mugulsibulaid, juuremugulaid, varremugulaid ja risoome, määratleb nende kvaliteedinõuded ning pakendamise ja märgistamise. Standardis kasutatakse kõigi loetletud taimeosade üldnimetusena sõna lillesibul.

# JUUNIKUUS KINNITATUD JA JUULIKUUS MÜÜGILE SAABUNUD EESTIKEELSED STANDARDID

**EVS 827:2004**
**Turvakiibi rakendus ja liides 323.-**
Eesti standard on kakskeelne väljaanne 2004. aastal avaldatud eestikeelsest standardist EVS 827:2004, millele on lisatud ingliskeelne paralleeltekst.
Standard spetsifitseerib Eesti riikliku avaliku võtme infrastruktuuri (EstEID) turvakiibi liidese ja andmesisu.

**EVS 828:2004**
**Sertifikaadid Eesti Vabariigi isikutunnistusel 292.-**
Eesti standard on kakskeelne väljaanne 2004. aastal avaldatud eestikeelsest standardist EVS 828:2004, millele on lisatud ingliskeelne paralleeltekst.
Standard kirjeldab Eesti Vabariigi isikutunnistusele (ID-kaart) kantavate digitaalsete sertifikaatide profiili. Standardi lisas A esitatakse tehniline lisainformatsioon ning tuuakse ära sertifikaatide näidised. Antud standard ei käsitle teisi isikutunnistuses sisalduvaid andmekogumeid.

**EVS 867:2003+ A1:2007+A2:2008**
**Raudteealased rakendused. Reisijate ooteplatvormid 135.-**
Eesti standard on konsolideeritud väljaanne Eesti standardist EVS 867:2003, selle muudatusest A1:2007, parandusest AC:2008 ja muudatusest A2:2009.
Standard käsitleb raudteel reisijate ooteplatvormide projekteerimisele, ehitamisele ja hooldusele esitatavaid nõudeid, hõlmates nii uusi (ehitatavaid) kui ka olemasolevaid (rekonstrueeritavaid) ooteplatvorme, juurdepääsuteid ooteplatvormidele ning juurdepääsuteel asuvaid ülekäigukohti.

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