

# EVS TEATAJA

Ilmub üks kord kuus alates 1993. aastast

02/2009

Harmoneeritud standardid



WTO teatised



Uued Eesti standardid



Eesti keeles müügil



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## **EVS/TK 6 „Mööbel“ tegevuse peatamine**

Seoses Eesti metsa- ja puidutööstuse ettevõtete huvi puudumisega Mööbli standardimise tehnilise komitee jätkamiseks esitas komitee nimel komitee sekretär Rein Reiska avalduse komitee tegevuse peatamiseks.

30. jaanuaril kinnitati Eesti Standardikeskuse käskkiri, millega on peatatud Mööbli standardimise tehnilise komitee EVS/TK 6 tegevus.

## **HARMONEERITUKS TUNNISTATUD STANDARDID**

*Tehnilise normi ja standardi seaduse* kohaselt avaldab Eesti Standardikeskus oma veebilehel ja ametlikus väljaandes teavet harmoneeritud standarditest. Harmoneeritud (ühtlustatud) standardiks nimetatakse EÜ direktiivide kontekstis Euroopa Komisjoni mandaadi alusel Euroopa standardimisorganisatsioonide poolt koostatud ja avaldatud standardit. Kui harmoneeritud standardi kohta on avaldatud teade (viide) Euroopa Liidu Teatajas (*Official Journal*) ja see on vastu võetud vähemalt ühe Euroopa Liidu liikmesriigi rahvusliku standardina, kui õigusaktist ei tulene teisiti, siis eeldatakse, et sellist standardit järgiv toode või teenus vastab asjakohasele tehnilisele normile. Harmoneeritud standardite kasutamine on kõige lihtsam viis tõendada direktiivide oluliste nõuete täitmist.

Lisainfo:

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

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

Seekord on avaldatud **väikelaevade, ehitustoodete, küttegaasiseadmete, plahvatusohtlikus keskkonnas kasutatavate seadmete ja kaitsesüsteemide, isikukaitsevahendite ning masinate** direktiivide kontekstis harmoneerituks tunnistatud uute (harmoneeritud) standardite loetelu (ilmunud detsembri 2008 ja jaanuari 2009 Euroopa Liidu Teataja C-seerias).

Kõik seekord avaldatud standardid on üle võetud Eesti standarditeks

**NÕUKOGU DIREKTIIV 94/25/EÜ Väikelaevad**  
(2008/C 308/05)  
03.12.2008

<b>Viide ühtlustatud standardile ja standardi pealkiri (ja viitedokument)</b>	<b>Viide asendatavale standardile</b>	<b>Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse (Märkus 1)</b>
EN ISO 12215-5:2008 Väikelaevad. Kerekonstruktsioon ja prussid. Osa 5: Arvutuslik surve monokerele, arvutuslikud pinged, prussidega seotud arvutused / <i>Small craft - Hull construction and scantlings - Part 5: Design pressures for monohulls, design stresses, scantlings determination</i>	-	
EN ISO 12215-6:2008 Väikelaevad. Kerekonstruktsioon ja prussid. Osa 6: Konstruktsiooni eripärad ja detailid / <i>Small craft - Hull construction and scantlings - Part 6: Structural arrangements and details</i>	-	

**NÕUKOGU DIREKTIIV 89/106/EMÜ Ehitustooted**  
(2008/C 321/01)  
16.12.2008

<b>Viide ühtlustatud standardile ja standardi pealkiri (ja viitedokument)</b>	<b>Viide asendatavale standardile</b>	<b>Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse (Märkus 1)</b>
EN 54-16:2008 Automaatne tulekahjusignalisatsioonisüsteem. Signalisatsioonisüsteemide komponendid. Osa 16: Sireenid ja indikaatorseadmed / <i>Fire detection and fire alarm systems - Part 16: Voice alarm control and indicating equipment</i>	-	
EN 54-24:2008 Automaatne tulekahjusignalisatsioonisüsteem. Osa 24: Häälalarmisüsteemide komponendid. Valjuhääldid / <i>Fire detection and fire alarm systems - Part 24: Components of voice alarm systems - Loudspeakers</i>	-	
EN 54-25:2008 Automaatne tulekahjusignalisatsioonisüsteem. Osa 25: Raadiolinke kasutavad komponendid ja nõuded süsteemidele / <i>Fire detection and fire alarm systems - Part 25: Components using radio links</i>	-	
EN 179:2008 Hoonete metallsulused. Avariiväljapääsu seadmed, mida avab hoobkäepide või surunupp. Nõuded ja katsemeetodid / <i>Building hardware - Emergency exit devices operated by a lever handle or push pad, for use on escape routes - Requirements and test methods</i>	EN 179:1997	Kehtivuse lõppkuupäev (31.7.2008)

EN 450-1:2005+A1:2007 Betooni valmistamisel kasutatav lendtuhk. Osa 1: Definitsioon, spetsifikatsioonid ja vastavuskriteeriumid KONSOLIDEERITUD TEKST / <i>Fly ash for concrete - Part 1: Definition, specifications and conformity criteria</i> CONSOLIDATED TEXT	EN 450-1:2005	31.7.2009
EN 845-1:2003+A1:2008 Müüritarvikute spetsifikatsioonid. Osa 1: Müüriankrud, tõmbelindid, talakingad ja konsoolid KONSOLIDEERITUD TEKST / <i>Specification for ancillary components for masonry - Part 1: Ties, tension straps, hangers and brackets</i> CONSOLIDATED TEXT	EN 845-1:2003	Kehtivuse lõppkuupäev (31.8.2008)
EN 845-3:2003+A1:2008 Müüritarvikute spetsifikatsioonid. Osa 3: Särgitusvuugi terassarrusvõrgud KONSOLIDEERITUD TEKST / <i>Specification for ancillary components for masonry - Part 3: Bed joint reinforcement of steel meshwork</i> CONSOLIDATED TEXT	EN 845-3:2003	Kehtivuse lõppkuupäev (31.8.2008)
EN 934-5:2007 Betooni ja mördi keemilised lisandid. Osa 5: Pritsbetooni lisandid. Definitsioonid, nõuded ja vastavus / <i>Admixtures for concrete, mortar and grout - Part 5: Admixtures for sprayed concrete - Definitions, requirements, conformity, marking and labelling</i>	-	
EN 1036-2:2008 Ehitusklaas. Hõbetatud floatklaasist peeglid sisekasutuseks. Osa 2: Vastavuse hindamine. Tootestandard / <i>Glass in building - Mirrors from silver-coated float glass for internal use - Part 2: Evaluation of conformity; product standard</i>	-	
EN 1051-2:2007 Ehitusklaas. Klaasplokid ja klaasist sillutiskivid. Osa 2: Vastavushindamine / <i>Glass in building - Glass blocks and glass pavers - Part 2: Evaluation of conformity/Product standard</i>	-	
EN 1125:2008 Hoonete metallsulused. Varuväljapääsu seadised, mida avab rõhtkang. Nõuded ja katsemeetodid / <i>Building hardware - Panic exit devices operated by a horizontal bar, for use on escape routes - Requirements and test methods</i>	EN 1125:1997	Kehtivuse lõppkuupäev (31.7.2008)
EN 1168:2005+A1:2008 Betonivalmistooted. Õõnespaneelid KONSOLIDEERITUD TEKST / <i>Precast concrete products - Hollow core slabs</i> CONSOLIDATED TEXT	EN 1168:2005	Kehtivuse lõppkuupäev (30.9.2008)
EN 1317-5:2007+A1:2008 Teepiirdesüsteemid. Osa 5: Toodetele esitatavad nõuded ja sõidukite turvasüsteemide vastavushindamine KONSOLIDEERITUD TEKST / <i>Road restraint systems - Part 5: Product requirements and evaluation of conformity for vehicle restraint systems</i> CONSOLIDATED TEXT	EN 1317-5:2007	31.1.2011
EN 1337-8:2007 Ehituses kasutatavad tugiosad. Osa 8: Piiratud liikumisega (ühesuunalise liikumisega) ja kinnised tugiosad / <i>Structural bearings - Part 8: Guide Bearings and Restraint Bearings</i>	-	

EN 1857:2003+A1:2008 Korstnad. Komponentid. Betoonist lõõrivooderdised KONSOLIDEERITUD TEKST / <i>Chimneys - Components - Concrete flue liners CONSOLIDATED TEXT</i>	EN 1857:2003	Kehtivuse lõppkuupäev (31.8.2008)
EN 12094-5:2006 Paiksed tulekustutussüsteemid. Gaaskustutussüsteemide komponentid. Osa 5: Kõrg- ja madalrõhu valikklapid ja nende CO2 süsteemide aktivaatorid. Nõuded ja katsemeetodid / <i>Fixed firefighting systems - Components for gas extinguishing systems - Part 5: Requirements and test methods for high and low pressure selector valves and their actuators</i>	EN 12094-5:2000	30.4.2009
EN 12094-6:2006 Paiksed tulekustutussüsteemid. Gaaskustutussüsteemide komponentid. Osa 6: CO2 süsteemide mitteelektrilised blokeerimisseadmed. Nõuded ja katsemeetodid / <i>Fixed firefighting systems - Components for gas extinguishing systems - Part 6: Requirements and test methods for nonelectrical disable devices</i>	EN 12094-6:2000	30.4.2009
EN 12273:2008 Mössist kaitsekiht. Nõuded / <i>Slurry surfacing - Requirements</i>	-	
EN 12566-4:2007 Reovee väikepuhastid kuni 50 PT. Osa 4: Eelkomplekteeritud vahenditest kohapeal monteeritavad septilised paagid / <i>Small wastewater systems for up to 50 PT - Part 4: Septic tanks assembled in situ from prefabricated kits</i>	-	
EN 12620:2002+A1:2008 Betooni täitematerjalid KONSOLIDEERITUD TEKST / <i>Aggregates for concrete CONSOLIDATED TEXT</i>	EN 12620:2002	Kehtivuse lõppkuupäev (31.10.2008)
EN 12737:2004+A1:2008 Betonvalmistooted. Põrandaplokid loomakasvatushoonetesse Precast concrete products - Floor slats for livestock	-	
EN 12764:2004+A1:2008 Sanitaarseadmed. Mullivannide spetsifikatsioon KONSOLIDEERITUD TEKST / <i>Sanitary appliances - Specification for whirlpool baths CONSOLIDATED TEXT</i>	EN 12764:2004	31.10.2990
EN 12859:2008 Kipsplokid. Määratlused, nõuded ja katsemeetodid / <i>Gypsum blocks - Definitions, requirements and test methods</i>	EN 12859:2001	Kehtivuse lõppkuupäev (31.10.2008)
EN 12899-1:2007 Vertikaalsed püsiliikluskorraldusvahendid. Osa 1: Püsiva kujutisega liiklusmärgid / <i>Fixed, vertical road traffic signs - Part 1: Fixed signs</i>	-	
EN 12899-2:2007 Vertikaalsed püsiliikluskorraldusvahendid. Osa 2: Seest valgustatavad piirdetulbad / <i>Fixed, vertical road traffic signs - Part 2: Transilluminated traffic bollards (TTB)</i>	-	
EN 12899-3:2007 Vertikaalsed püsiliikluskorraldusvahendid. Osa 3: Tähispostid ja helkurid / <i>Fixed, vertical road traffic signs - Part 3: Delineator posts and retroreflectors</i>	-	

EN 13242:2002+A1:2007 Ehitustöödel ja tee-ehituses sidumata kujul ja hüdrauiliselt seotuna kasutatavad täitematerjalid KONSOLIDEERITUD TEKST / <i>Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction</i> CONSOLIDATED TEXT	EN 13242:2002	Kehtivuse lõppkuupäev (30.6.2008)
EN 13279-1:2008 Kipssideained ja kipsmördi kuivsegud. Osa 1: Määratlused ja nõuded / <i>Gypsum binders and gypsum plasters - Part 1: Definitions and requirements</i>	EN 13279-1:2005	28.2.2009
EN 14342:2005+A1:2008 Kipssideained ja kipsmördi kuivsegud. Osa 1: Määratlused ja nõuded / <i>Gypsum binders and gypsum plasters - Part 1: Definitions and requirements</i>	EN 14342:2005	28.2.2010
EN 14353:2007 Kipsplaatkonstruktsioonide abikarkassid ja tugevusliistud. Määratlused, nõuded ja katsemeetodid / <i>Metal beads and feature profiles for use with gypsum plasterboards - Definitions, requirements and test methods</i>	-	
EN 14428:2004+A1:2008 Dušikabiinid. Funktsionaalsed nõuded ja katsemeetodid KONSOLIDEERITUD TEKST / <i>Shower enclosures - Functional requirements and test methods</i> CONSOLIDATED TEXT	EN 14428:2004	31.10.2009
EN 14566:2008 Mehhaanilised kinnitusvahendid kipsplaatsüsteemide fikseerimiseks. Määratlused, nõuded ja katsemeetodid / <i>Mechanical fasteners for gypsum plasterboard systems - Definitions, requirements and tests methods</i>	-	
EN 14989-2:2007 Korstnad. Nõuded ja katsemeetodid metallkorstnatele ja õhuvarustuskanalite materjalidele ruumivälise õhuvarustusega küttesüsteemide puhul. Osa 2: Ruumivälise õhuvarustusega kütteseadmete lõõrid ja õhuvarustuskanalid / <i>Chimneys - Requirements and test methods for metal chimneys and material independent air supply ducts for roomsealed heating applications - Part 2: Flue and air supply ducts for room sealed appliances</i>	-	
EN 15069:2008 Gaasiküttel töötavate kodumasinate ühendamisel kasutatavate metalltorude kaitseventiilid / <i>Safety gas connection valves for metal hose assemblies used for the connection of domestic appliances using gaseous fuel</i>	-	
EN 15283-1:2008 Kiudsarrusega kipsplaadid. Määratlused, nõuded ja katsemeetodid. Osa 1: Kiududest sarrusvõrguga sarrustatud kipsplaadid / <i>Gypsum boards with fibrous reinforcement - Definitions, requirements and test methods - Part 1: Gypsum boards with mat reinforcement</i>	-	
EN 15283-2:2008 Kiudsarrusega kipsplaadid. Määratlused, nõuded ja katsemeetodid. Osa 2: Kiududega sarrustatud kipsplaadid / <i>Gypsum boards with fibrous reinforcement - Definitions, requirements and test methods - Part 2: Gypsum fibre boards</i>	-	

EN 15435:2008 Betonvalmistooted. Normaali- ja kergbetoonist raketisplokid. Toodete omadused ja toimivus / <i>Precast concrete products - Normal weight and lightweight concrete shuttering blocks - Product properties and performance</i>	-	
EN 15498:2008 Betonvalmistooted. Puitlaastbetoonist raketisplokid. Toodete omadused ja toimivus / <i>Precast concrete products - Wood-chip concrete shuttering blocks - Product properties and performance</i>	-	

**NÕUKOGU DIREKTIIV 90/385/EMÜ Küttegaasiseadmed**  
(2008/C 328/06)  
23.12.2008

<b>Viide ühtlustatud standardile ja standardi pealkiri (ja viitedokument)</b>	<b>Viide asendatavale standardile</b>	<b>Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse (Märkus 1)</b>
EN 30-1-1:2008 Kodused gaaskuumutusega toiduvalmistusseadmed. Osa 1-1: Ohutus. Üldist / <i>Domestic cooking appliances burning gas - Part 1-1: Safety - General</i>	EN 30-1-1:1998	31.3.2010
EN 449:2002+A1:2007 Vedelgaasiseadmete tehniline kirjeldus. Kodumajapidamises kasutatavad heitgaasita ruumisoojendid (kaasa arvatud difuussed katalüütilised põlemissoojendid) KONSOLIDEERITUD TEKST / <i>Specification for dedicated liquefied petroleum gas appliances - Domestic flueless space heaters (including diffusive catalytic combustion heaters) CONSOLIDATED TEXT</i>	EN 449:2002	23.12.2008
EN 676:2003+A2:2008 Automaatsed sundtõmbega põletid gaaskütustele KONSOLIDEERITUD TEKST / <i>Automatic forced draught burners for gaseous fuels CONSOÖIDATED TEXT</i>	EN 676:2003	30.6.2010



**NÕUKOGU DIREKTIIV 90/385/EMÜ**  
**Plahvatusohtlikus keskkonnas kasutatavad seadmed ja kaitsesüsteemid**  
(2009/C 20/14)  
27.01.2009

<b>Viide ühtlustatud standardile ja standardi pealkiri (ja viitedokument)</b>	<b>Viide asendatavale standardile</b>	<b>Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse (Märkus 1)</b>
EN 15268:2008 Bensiinijaamad. Ohutusnõuded sukelpumbasüsteemide ehitamiseks ja kasutamiseks / <i>Petrol Filling Stations - Safety requirements for the construction and performance of submersible pump assemblies</i>	-	
EN 62013-1:2006 Kiivrivalgustid kasutamiseks maagaasitundlikes kaevandustes . Osa 1: Üldnõuded. Valmistamine ja katsetamine seoses plahvatusriskiga / <i>Caplights for use in mines susceptible to firedamp Part 1: General requirements - Construction and testing in relation to the risk of explosion</i>	EN 62013-1:2002 Märkus 2.1	1.2.2009

**NÕUKOGU DIREKTIIV 90/385/EMÜ Isikukaitsevahendid**  
(2009/C 22/02)  
28.01.2009

<b>Viide ühtlustatud standardile ja standardi pealkiri (ja viitedokument)</b>	<b>Viide asendatavale standardile</b>	<b>Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse (Märkus 1)</b>
EN 352-8:2008 Kuulmiskaitsevahendid. Ohutusnõuded ja katsetamine. Osa 8: Meelelahutuslike audioseadmete kõrvaklapid / <i>Hearing protectors - Safety requirements and testing - Part 8: Entertainment audio ear-muffs</i>	-	
EN 813:2008 Kõrgelt kukkumise isikukaitsevahendid. Istmerakmed / <i>Personal fall protection equipment - Sit harnesses</i>	EN 813:1997	28.2.2009
EN ISO 14116:2008 Kaitserõivad. Kaitse kuumuse ja leekide eest. Piiratud leegilevikuga materjalid, materjalikogumid ja rõivad / <i>Protective clothing - Protection against heat and flame - Limited flame spread materials, material assemblies and clothing</i>	EN 533:1997	Selle avaldamise kuupäev
EN ISO 17491-3:2008 Kaitserõivad. Kaitse vedelate kemikaalide eest. Katsemeetod vastupidavuse määramiseks vedelikujoa sisseimbumisele (Jet-test) / <i>Protective clothing - Test methods for clothing providing protection against chemicals - Part 3: Determination of resistance to penetration by a jet of liquid (jet test)</i>	EN 463:1994	28.2.2009

EN ISO 17491-4:2008 Kaitserõivad. Kaitse vedelate kemikaalide eest. Katsemeetod vastupidavuse määramiseks pihustuse sisseimbumisele (pihustuskatse) / <i>Protective clothing - Test methods for clothing providing protection against chemicals - Part 4: Determination of resistance to penetration by a spray of liquid (spray test)</i>	EN 468:1994	28.2.2009
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**NÕUKOGU DIREKTIIV 98/37/EÜ Masinad**  
(2009/C 22/01)  
28.01.2009

<b>Viide ühtlustatud standardile ja standardi pealkiri (ja viitedokument)</b>	<b>Viide asendatavale standardile</b>	<b>Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse (Märkus 1)</b>
EN 81-3:2000+A1:2008 Liftide valmistamise ja paigaldamise ohutuseeskirjad. Osa 3: Elektrilised ja hüdraulilised teenindusliftid KONSOLIDEERITUD TEKST / <i>Safety rules for the construction and installation of lifts - Part 3: Electric and hydraulic service lifts CONSOLIDATED TEXT</i>	EN 81-3:2000	28.12.2009
EN 115-1:2008 Eskalaatorite ja sõidukonveierite ohutus. Osa 1: Valmistamine ja paigaldamine / <i>Safety of escalators and moving walks - Part 1: Construction and installation</i>	EN 115:1995	28.12.2009
EN 289:2004+A1:2008 Kummi- ja plastitöötlusmasinad. Pressid. Ohutusnõuded KONSOLIDEERITUD TEKST / <i>Plastics and rubber machines - Presses - Safety requirements CONSOLIDATED TEXT</i>	EN 289:2004	28.12.2009
EN 415-7:2006+A1:2008 Pakkemasinate ohutus. Osa 7: Grupi- ja sekundaarpakendamismasinad KONSOLIDEERITUD TEKST / <i>Safety of packaging machines - Part 7: Group and secondary packaging machines CONSOLIDATED TEXT</i>	EN 415-7:2006	28.12.2009
EN 547-1:1996+A1:2008 Masinate ohutus. Inimkeha mõõtmised. Osa 1: Kogu keha läbimahtumist võimaldavate masinaruumiavade mõõtmete määramise põhimõtted KONSOLIDEERITUD TEKST / <i>Safety of machinery - Human body measurements - Part 1: Principles for determining the dimensions required for openings for whole body access into machinery CONSOLIDATED TEXT</i>	EN 547-1:1996	28.12.2009
EN 547-2:1996+A1:2008 Masinate ohutus. Inimkeha mõõtmised. Osa 2: Juurdepääsuavade nõutavate mõõtmete määramise põhialused KONSOLIDEERITUD TEKST / <i>Safety of machinery - Human body measurements - Part 2: Principles for determining the dimensions required for access openings CONSOLIDATED TEXT</i>	EN 547-2:1996	28.12.2009

EN 547-3:1996+A1:2008 Masinate ohutus. Inimkeha mõõtmised. Osa 3: Antropomeetrilised andmed KONSOLIDEERITUD TEKST / <i>Safety of machinery - Human body measurements - Part 3: Anthropometric data CONSOLIDATED TEXT</i>	EN 547-3:1996	28.12.2009
EN 614-2:2000+A1:2008 Masinate ohutus. Ergonoomia põhimõtted projekteerimisel. Osa 2: Masina kavandi ja tööülesannete koostoime KONSOLIDEERITUD TEKST / <i>Safety of machinery - Ergonomic design principles - Part 2: Interactions between the design of machinery and work tasks CONSOLIDATED TEXT</i>	EN 614-2:2000	28.12.2009
EN 626-1:1994+A1:2008 Masinate ohutus. Masinatest lähtuvatest ohtlikest ainetest tuleneva terviseriski vähendamine. Osa 1: Põhimõtted ja nõuded masinate tootjatele KONSOLIDEERITUD TEKST / <i>Safety of machinery - Reduction of risks to health from hazardous substances emitted by machinery - Part 1: Principles and specifications for machinery manufacturers CONSOLIDATED TEXT</i>	EN 626-1:1994	28.12.2009
EN 792-1:2000+A1:2008 Käeshoitavad mitteelektrilised jõuseadised. Ohutusnõuded. Osa 1: Mittekeermestatud mehaaniliste kinnitusdetailide monteerimise jõuseadised KONSOLIDEERITUD TEKST / <i>Hand-held non- electric power tools - Safety requirements - Part 1: Assembly power tools for non-threaded mechanical fasteners CONSOLIDATED TEXT</i>	EN 792-1:2000	28.12.2009
EN 792-2:2000+A1:2008 Käeshoitavad mitteelektrilised jõuseadised. Ohutusnõuded. Osa 2: Tükeldamise ja kurdumise jõuseadised KONSOLIDEERITUD TEKST / <i>Hand-held non-electric power tools - Safety requirements - Part 2: Cutting-off and crimping power tools CONSOLIDATED TEXT</i>	EN 792-2:2000	28.12.2009
EN 792-3:2000+A1:2008 Käeshoitavad mitteelektrilised jõuseadised. Ohutusnõuded. Osa 3: Puurid ja tõukurid KONSOLIDEERITUD TEKST / <i>Hand-held non- electric power tools - Safety requirements - Part 3: Drills and tappers CONSOLIDATED TEXT</i>	EN 792-3:2000	28.12.2009
EN 792-4:2000+A1:2008 Käeshoitavad mitteelektrilised jõuseadised. Ohutusnõuded. Osa 4: Mittepöörleva löögi jõuseadised KONSOLIDEERITUD TEKST / <i>Hand-held non- electric power tools - Safety requirements - Part 4: Non- rotary percussive power tools CONSOLIDATED TEXT</i>	EN 792-4:2000	28.12.2009
EN 792-5:2000+A1:2008 Käeshoitavad mitteelektrilised jõuseadised. Ohutusnõuded. Osa 5: Pöörlevad löökpuurid KONSOLIDEERITUD TEKST / <i>Hand-held non- electric power tools - Safety requirements - Part 5: Rotary percussive drills CONSOLIDATED TEXT</i>	EN 792-5:2000	28.12.2009

EN 792-6:2000+A1:2008 Käeshoitavad mitteelektrilised jõuseadised. Ohutusnõuded. Osa 6: Monteerimisjõuseadised keermega kinnitusdetailidele KONSOLIDEERITUD TEKST / <i>Hand-held non-electric power tools - Safety requirements - Part 6: Assembly power tools for threaded fasteners CONSOLIDATED TEXT</i>	EN 792-6:2000	28.12.2009
EN 792-7:2001+A1:2008 Käeshoitavad mitteelektrilised jõuseadised. Ohutusnõuded. Osa 7: Peenestid KONSOLIDEERITUD TEKST / <i>Hand-held non-electric power tools - Safety requirements - Part 7: Grinders CONSOLIDATED TEXT</i>	EN 792-7:2001	28.12.2009
EN 792-8:2001+A1:2008 Käeshoitavad mitteelektrilised jõuseadised. Ohutusnõuded. Osa 8: Lihvijad ja poleerijad KONSOLIDEERITUD TEKST / <i>Hand-held non-electric power tools - Safety requirements - Part 8: Sanders and polishers CONSOLIDATED TEXT</i>	EN 792-8:2001	28.12.2009
EN 792-9:2001+A1:2008 Käeshoitavad mitteelektrilised jõuseadised. Ohutusnõuded. Osa 9: Stantspeenestid KONSOLIDEERITUD TEKST / <i>Hand-held non-electric power tools - Safety requirements - Part 9: Die grinders CONSOLIDATED TEXT</i>	EN 792-9:2001	28.12.2009
EN 792-10:2000+A1:2008 Käeshoitavad mitteelektrilised jõuseadised. Ohutusnõuded. Osa 10: Surve jõuseadised KONSOLIDEERITUD TEKST / <i>Hand-held non-electric power tools - Safety requirements - Part 10: Compression power tools CONSOLIDATED TEXT</i>	EN 792-10:2000	28.12.2009
EN 792-11:2000+A1:2008 Käeshoitavad mitteelektrilised jõuseadised. Ohutusnõuded. Osa 11: Nokkijad ja käärid KONSOLIDEERITUD TEKST / <i>Hand-held non-electric power tools - Safety requirements - Part 11: Nibblers and shears CONSOLIDATED TEXT</i>	EN 792-11:2000	28.12.2009
EN 792-12:2000+A1:2008 Käeshoitavad mitteelektrilised jõuseadised. Ohutusnõuded. Osa 12: Väikesed ketassaed, väikesed vibrosaed ja kahemehesaed KONSOLIDEERITUD TEKST / <i>Hand-held non-electric power tools - Safety requirements - Part 12: Small circular, small oscillating and reciprocating saws CONSOLIDATED TEXT</i>	EN 792-12:2000	28.12.2009
EN 792-13:2000+A1:2008 Käeshoitavad mitteelektrilised jõuseadised. Ohutusnõuded. Osa 13: Kinnitusdetailide sissetagumise tööriistad KONSOLIDEERITUD TEKST / <i>Hand-held non-electric power tools - Safety requirements - Part 13: Fastener driving tools CONSOLIDATED TEXT</i>	EN 792-13:2000	28.12.2009
EN 815:1996+A2:2008 Kivimi puurimiseks kasutatavate kaitsekilpideta tunnelipuurimismasinade ja puurvardata puurmasinate ohutus. Ohutusnõuded KONSOLIDEERITUD TEKST / <i>Safety of unshielded tunnel boring machines and rodless shaft boring machines for rock - Safety requirements CONSOLIDATED TEXT</i>	EN 815:1996	28.12.2009

EN 842:1996+A1:2008 Masinate ohutus. Visuaalsed ohusignaalid. Üldnõuded, kujundus ja katsetamine KONSOLIDEERITUD TEKST / <i>Safety of machinery - Visual danger signals - General requirements, design and testing CONSOLIDATED TEXT</i>	EN 842:1996	28.12.2009
EN 981:1996+A1:2008 Masinate ohutus. Heliliste ja visuaalsete ohu- ja teabesignaalide süsteem KONSOLIDEERITUD TEKST / <i>Safety of machinery - System of auditory and visual danger and information signals CONSOLIDATED TEXT</i>	EN 981:1996	28.12.2009
EN 982:1996+A1:2008 Masinate ohutus. Hüdroajamiga süsteemide ja nende komponentide ohutusnõuded. Hüdraulika KONSOLIDEERITUD TEKST / <i>Safety of machinery - Safety requirements for fluid power systems and their components - Hydraulics CONSOLIDATED TEXT</i>	EN 982:1996	28.12.2009
EN 983:1996+A1:2008 Masinate ohutus. Hüdroajamiga süsteemide ja nende komponentide ohutusnõuded. Pneumaatika KONSOLIDEERITUD TEKST / <i>Safety of machinery - Safety requirements for fluid power systems and their components - Pneumatics CONSOLIDATED TEXT</i>	EN 983:1996	28.12.2009
EN 999:1998+A1:2008 Masinate ohutus. Kaitsevarustuse asend inimkehaosade lähenemiskiiruse suhtes KONSOLIDEERITUD TEKST / <i>Safety of machinery - The positioning of protective equipment in respect of approach speeds of parts of the human body CONSOLIDATED TEXT</i>	EN 999:1998	28.12.2009
EN 1028-1:2002+A1:2008 Tuletõrjepumbad. Löökpadruga tuletõrje tsentrifugaalpumbad. Osa 1: Klassifikatsioon. Üld- ja ohutusnõuded KONSOLIDEERITUD TEKST / <i>Fire-fighting pumps - Fire-fighting centrifugal pumps with primer - Part 1: Classification - General and safety requirements CONSOLIDATED TEXT</i>	EN 1028-1:2002	28.12.2009
EN 1088:1995+A2:2008 Masinate ohutus. Kaitsekatetega seonduvad blokeerseadised. Konstrueerimise ja valiku põhialused KONSOLIDEERITUD TEKST / <i>Safety of machinery - Interlocking devices associated with guards - Principles for design and selection CONSOLIDATED TEXT</i>	EN 1088:1995	28.12.2009
EN 1093-6:1998+A1:2008 Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine. Osa 6: Massi järgi eraldamise efektiivsus, jaotuskanaliteta väljumisava KONSOLIDEERITUD TEKST / <i>Safety of machinery - Evaluation of the emission of airborne hazardous substances - Part 6: Separation efficiency by mass, unducted outlet CONSOLIDATED TEXT</i>	EN 1093-6:1998	28.12.2009
EN 1093-7:1998+A1:2008 Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine. Osa 7: Massi järgi eraldamise efektiivsus, jaotuskanaliteta väljumisava KONSOLIDEERITUD TEKST / <i>Safety of machinery - Evaluation of the emission of airborne hazardous substances - Part 7: Separation efficiency by mass, ducted outlet CONSOLIDATED TEXT</i>	EN 1093-7:1998	28.12.2009

EN 1093-8:1998+A1:2008 Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine. Osa 8: Saasteaine kontsentratsiooni parameeter, katsestendimeetod KONSOLIDEERITUD TEKST / <i>Safety of machinery - Evaluation of the emission of airborne hazardous substances - Part 8: Pollutant concentration parameter, test bench method CONSOLIDATED TEXT</i>	EN 1093-8:1998	28.12.2009
EN 1093-9:1998+A1:2008 Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine. Osa 9: Saasteaine kontsentratsiooniparameeter, ruumimeetod KONSOLIDEERITUD TEKST / <i>Safety of machinery - Evaluation of the emission of airborne hazardous substances - Part 9: Pollutant concentration parameter, room method CONSOLIDATED TEXT</i>	EN 1093-9:1998	28.12.2009
EN 1093-11:2001+A1:2008 Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine. Osa 11: Saasteärastamise näitaja KONSOLIDEERITUD TEKST / <i>Safety of machinery - Evaluation of the emission of airborne hazardous substances - Part 11: Decontamination index CONSOLIDATED TEXT</i>	EN 1093-11:2001	28.12.2009
EN 1114-2:1998+A1:2008 Kummi- ja plastitöötlusmasinad. Ekstruuderid ja ekstrusiooniliinid. Osa 2: Ohutusnõuded lamada suulisega granulaatoritele KONSOLIDEERITUD TEKST / <i>Plastics and rubber machines - Extruders and extrusion lines - Part 2: Safety requirements for die face pelletisers CONSOLIDATED TEXT</i>	EN 1114-2:1998	28.12.2009
EN 1417:1996+A1:2008 Kummi- ja plastitöötlusmasinad. Kahe valtsiga veskid. Ohutusnõuded KONSOLIDEERITUD TEKST / <i>Plastics and rubber machines - Two roll mills - Safety requirements CONSOLIDATED TEXT</i>	EN 1417:1996	28.12.2009
EN 1526:1997+A1:2008 Tööstuslike mootorkärude ohutus. Lisanõuded kärude automaatfunktsioonide kohta KONSOLIDEERITUD TEKST / <i>Safety of industrial trucks - Additional requirements for automated functions on trucks CONSOLIDATED TEXT</i>	EN 1526:1997	28.12.2009
EN 1550:1997+A1:2008 Tööpinkide ohutus. Töödeldava eseme kinnitusrakiste projekteerimise ja ehitamise ohutusnõuded KONSOLIDEERITUD TEKST / <i>Machine-tools safety - Safety requirements for the design and construction of work holding chucks CONSOLIDATED TEXT</i>	EN 1550:1997	28.12.2009
EN 1612-1:1997+A1:2008 Kummi- ja plastitöötlusmasinad. Reaktsioonvormimismasinad. Osa 1: Doseerimis- ja segamissõlmede ohutusnõuded KONSOLIDEERITUD TEKST / <i>Plastics and rubber machines - Reaction injection moulding machines - Part 1: Safety requirements for metering and mixing units CONSOLIDATED TEXT</i>	EN 1612-1:1997	28.12.2009

EN 1612-2:2000+A1:2008 Kummi- ja plastitöötlusimasinad. Reaktsioon- vormimisemasinad. Osa 2: Reaktsioon-vormimisemasinate ohutusnõuded KONSOLIDEERITUD TEKST / <i>Plastics and rubber machines - Reaction moulding machines - Part 2: Safety requirements for reaction moulding plant CONSOLIDATED TEXT</i>	EN 1612-2:2000	28.12.2009
EN 1846-3:2002+A1:2008 Tuletõrje- ja päästeteenistuse sõidukid. Osa 3: Püsipaigaldatud seadmed. Ohutus ja jõudlus KONSOLIDEERITUD TEKST / <i>Firefighting and rescue service vehicles - Part 3: Permanently installed equipment - Safety and performance CONSOLIDATED TEXT</i>	EN 1846-3:2002	28.12.2009
EN ISO 2151:2008 Akustika. Kompressorite ja vaakumpumpade mürakatseskoodeks. Inseneritehniline meetod (kategooria 2) / <i>Acoustics - Noise test code for compressors and vacuum pumps Engineering method (grade 2)</i>	EN ISO 2151:2004	28.12.2009
EN ISO 2860:2008 Mullatöömasinad. Ligipääsuavade minimaalmõõtmed / <i>Earth-moving machinery - Minimum access dimensions</i>	EN ISO 2860:1999	28.12.2009
EN ISO 2867:2008 Mullatöömasinad. Juurdepääsusüsteemid / <i>Earth-moving machinery - Access systems</i>	EN ISO 2867:2006	28.12.2009
EN ISO 3164:2008 Mullatöömasinad. Kaitsekonstruktsioonide laboratoorne hindamine. Läbipaande piirväärtuse tehnilised andmed / <i>Earth-moving machinery - Laboratory evaluations of protective structures - Specifications for deflection- limiting volume</i>	EN ISO 3164:1999	28.12.2009
EN ISO 3449:2008 Mullatöömasinad. Langevate objektide eest kaitsvad konstruktsioonid. Laborikatsed ja toimivus / <i>Earth- moving machinery - Falling-object protective structures - Laboratory tests and performance requirements</i>	EN ISO 3449:2005	28.12.2009
EN ISO 3450:2008 Mullatöömasinad. Kummiratastel masinate pidurisüsteemid. Süsteemid, nende talitlusnõuded ning katsete läbiviimise kord / <i>Earth-moving machinery - Braking systems of rubber-tyred machines - Systems and performance requirements and test procedures</i>	EN ISO:3450:1996	28.12.2009
EN ISO 3471:2008 Mullatöömasinad. Ümberkukkumise puhul kaitsvad konstruktsioonid. Laborikatsed ja jõudlusnõuded / <i>Earth-moving machinery - Roll-over protective structures - Laboratory tests and performance requirements</i>	EN 13510:2000	28.2.2009
EN ISO 6682:2008 Mullatöömasinad. Mugavustsoonid ja juhtimisseadisteni ulatumine / <i>Earth-moving machinery - Zones of comfort and reach for controls</i>	EN ISO 6682:1995	28.12.2009
EN ISO 6683:2008 Mullatöömasinad. Turvavööd ja turvavööde kinnituskohad. Toimimisnõuded ja katsed / <i>Earth- moving machinery - Seat belts and seat belt anchorages - Performance requirements and tests</i>	EN ISO 6683:2005	28.12.2009

EN ISO 7096:2008 Mullatöömasinad. Operaatori istme vibratsiooni laboratoorne hindamine / <i>Earth-moving machinery - Laboratory evaluation of operator seat vibration</i>	EN ISO 7096:2000	28.12.2009
EN ISO 7731:2008 Ergonoomika. Üldkasutatavates tsoonides ja töökohal kasutatavad ohusignaalid. Helisignaalid / <i>Ergonomics - Danger signals for public and work areas - Auditory danger signals</i>	EN ISO 7731:2005	28.12.2009
EN ISO 11145:2008 Optika ja optikamõõteriistad. Laserid ja laseriga seonduvad seadmed. Sõnastik ja sümbolid / <i>Optics and photonics - Lasers and laser-related equipment - Vocabulary and symbols</i>	EN ISO 11145:2006	28.12.2009
EN ISO 11252:2008 Laserid ja laseriga seonduv seadmestik. Laserseadmed. Dokumentatsiooni miinimumnõuded / <i>Lasers and laser-related equipment - Laser device - Minimum requirements for documentation</i>	EN ISO 11252:2004	28.12.2009
EN ISO 11554:2008 Optika ja optilised mõõteriistad. Laser ja laseriga seonduvad seadmed. Katsemeetodid laserikiire võimsuse, energia ja ajutiste parameetrite määramiseks / <i>Optics and photonics - Lasers and laser-related equipment - Test methods for laser beam power, energy and temporal characteristics</i>	EN ISO 11554:2006	28.12.2009
EN 12012-1:2007+A1:2008 Kummi- ja plastitöötlusmasinad. Peenestusmasinad. Osa 1: Ohutusnõuded labagranulaatoritele KONSOLIDEERITUD TEKST / <i>Plastics and rubber machines - Size reduction machines - Part 1: Safety requirements for blade granulators CONSOLIDATED TEXT</i>	EN 12012-1:2007	28.12.2009
EN 12012-2:2001+A1:2008 Kummi- ja plastitöötlusmasinad. Peenestusmasinad. Osa 2: Ohutusnõuded kiudgranulaatoritele KONSOLIDEERITUD TEKST / <i>Rubber and plastics machines - Size reduction machines - Part 2: Safety requirements for strand pelletisers CONSOLIDATED TEXT</i>	EN 12012-2:2001	28.12.2009
EN 12012-3:2001+A1:2008 Kummi- ja plastitöötlusmasinad. Peenestusmasinad. Osa 3: Ohutusnõuded hakkuritele KONSOLIDEERITUD TEKST / <i>Plastics and rubber machines - Size reduction machines - Part 3: Safety requirements for shredders CONSOLIDATED TEXT</i>	EN 12012-3:2001	28.12.2009
EN 12012-4:2006+A1:2008 Kummi- ja plastitöötlusmasinad. Peenestusmasinad. Osa 4: Paagutamisseadmete ohutusnõuded KONSOLIDEERITUD TEKST / <i>Plastics and rubber machines - Size reduction machines - Part 4: Safety requirements for agglomerators CONSOLIDATED TEXT</i>	EN 12012-4:2006	28.12.2009
EN 12013:2000+A1:2008 Kummi- ja plastitöötlusmasinad. Valtskambersegistid. Ohutusnõuded KONSOLIDEERITUD TEKST / <i>Plastics and rubber machines - Internal mixers - Safety requirements CONSOLIDATED TEXT</i>	EN 12013:2000	28.12.2009



EN 12016:2004+A1:2008 Elektromagnetiline ühilduvus. Liftide, eskalaatorite ja liikurkõnniteede tootesarjastandard. Häiringukindlus KONSOLIDEERITUD TEKST / <i>Electromagnetic compatibility - Product family standard for lifts, escalators and moving walks - Immunity</i> CONSOLIDATED TEXT	EN 12016:2004	28.12.2009
EN 12053:2001+A1:2008 Tööstuslike mootorkärude ohutus. Katsemeetodid müra mõõtmiseks KONSOLIDEERITUD TEKST / <i>Safety of industrial trucks - Test methods for measuring noise emissions</i> CONSOLIDATED TEXT	EN 12053:2001	28.12.2009
EN 12110:2002+A1:2008 Läbindusmasinad. Õhukorgid. Ohutusnõuded KONSOLIDEERITUD TEKST / <i>Tunnelling machines - Air locks - Safety requirements</i> CONSOLIDATED TEXT	EN 12110:2002	28.12.2009
EN 12198-1:2000+A1:2008 Masinate ohutus. Masinate kiirgusest tulenevate riskide hindamine ja vähendamine. Osa 1: Üldpõhimõtted KONSOLIDEERITUD TEKST / <i>Safety of machinery - Assessment and reduction of risks arising from radiation emitted by machinery - Part 1: General principles</i> CONSOLIDATED TEXT	EN 12198-1:2000	28.12.2009
EN 12198-2:2002+A1:2008 Masinate ohutus. Masinatest lähtuvast kiirgusest tulenevate riskide hindamine ja vähendamine. Osa 2: Kiirguse mõõtmine KONSOLIDEERITUD TEKST / <i>Safety of machinery - Assessment and reduction of risks arising from radiation emitted by machinery - Part 2: Radiation emission measurement procedure</i> CONSOLIDATED TEXT	EN 12198-2:2002	28.12.2009
EN 12198-3:2002+A1:2008 Masinate ohutus. Masinatest lähtuvast kiirgusest tulenevate riskide hindamine ja vähendamine. Osa 3: Kiirguse vähendamine summutamise või ekraniseerimisega KONSOLIDEERITUD TEKST / <i>Safety of machinery - Assessment and reduction of risks arising from radiation emitted by machinery - Part 3: reduction of radiation by attenuation or screening</i> CONSOLIDATED TEXT	EN 12198-3:2002	28.12.2009
EN 12301:2000+A1:2008 Kummi- ja plastitöötlusmasinad. Kalandrid. Ohutusnõuded KONSOLIDEERITUD TEKST / <i>Rubber and plastics machines - Calenders - Safety requirements</i> CONSOLIDATED TEXT	EN 12301:2000	28.12.2009
EN 12549:1999+A1:2008 Akustika. Mürakatse kood kinnitusdetailide sisselöömise instrumentidele. Tehniline meetod KONSOLIDEERITUD TEKST / <i>Acoustics - Noise test code for fastener driving tools - Engineering method</i> CONSOLIDATED TEXT	EN 12549:1999	28.12.2009
EN 12643:1997+A1:2008 Mullatöömasinad. Õhkrehvidel masinad. Juhtimissüsteeminõuded KONSOLIDEERITUD TEKST / <i>Earth-moving machinery - Rubber-tyred machines - Steering requirements</i> CONSOLIDATED TEXT	EN 12643:1997	28.12.2009

EN 12644-1:2001+A1:2008 Kraanad. Informatsioon kasutamiseks ja katsetamiseks. Osa 1: Juhendid KONSOLIDEERITUD TEKST / <i>Cranes - Information for use and testing - Part 1: Instructions CONSOLIDATED TEXT</i>	EN 12644-1:2001	28.12.2009
EN 12644-2:2000+A1:2008 Kraanad. Informatsioon kasutamiseks ja katsetamiseks. Osa 2: Märgistus KONSOLIDEERITUD TEKST / <i>Cranes - Information for use and testing - Part 2: Marking CONSOLIDATED TEXT</i>	EN 12644-2:2000	28.12.2009
EN 13015:2001+A1:2008 Liftide ja eskalaatorite tehnohooldus. Tehnohooldusjuhendite reeglid KONSOLIDEERITUD TEKST / <i>Maintenance for lifts and escalators - Rules for maintenance instructions CONSOLIDATED TEXT</i>	EN 13015:2001	28.12.2009
EN 13059:2002+A1:2008 Tööstuslike mootorkäruude ohutus. Vibratsiooni mõõtmise katsemeetodid KONSOLIDEERITUD TEKST / <i>Safety of industrial trucks - Test methods for measuring vibration CONSOLIDATED TEXT</i>	EN 13059:2002	28.12.2009
EN 13218:2002+A1:2008 Tööpingid. Ohutus. Statsionaarsed lihvimismasinad KONSOLIDEERITUD TEKST / <i>Machine tools - Safety - Stationary grinding machines CONSOLIDATED TEXT</i>	EN 13218:2002	28.12.2009
EN ISO 13732-1:2008 Soojuskeskkondade ergonoomika. Meetodid, millega hinnata inimese reaktsiooni kokkupuutel pinnaga. Osa 1: Kuumad pinnad / <i>Ergonomics of the thermal environment - Methods for the assessment of human responses to contact with surfaces - Part 1: Hot surfaces</i>	EN ISO 13732-1:2006	28.12.2009
EN ISO 13732-3:2008 Soojuskeskkondade ergonoomika. Meetodid, millega hinnata inimese reaktsiooni kokkupuutel pinnaga. Osa 3: Külmad pinnad / <i>Ergonomic of the thermal environment - Methods for the assessment of human responses to contact with surfaces - Part 3: Cold surfaces</i>	EN ISO 13732-3:2005	28.12.2009
EN ISO 13753:2008 Mehaaniline võnkumine ja löök. Kämbla-käsivarre vibratsioon. Meetod kämbla-käsivarresüsteemi poolt koormatud elastsete materjalide vibratsiooni ülekannevuse mõõtmiseks / <i>Mechanical vibration and shock - Hand-arm vibration - Method for measuring the vibration transmissibility of resilient materials when loaded by the hand-arm system</i>	EN ISO 13753:1998	28.12.2009
EN 14466:2005+A1:2008 Tuletõrjepumbad. Teisaldatavad pumbad. Ohutus- ja toimimisnõuded, katsed KONSOLIDEERITUD TEKST / <i>Fire fighting pumps - Portable pumps - Safety and performance requirements, tests CONSOLIDATED TEXT</i>	EN 14466:2005	28.12.2009
EN 14710-1:2005+A1:2008 Tuletõrjepumbad. Ilma eelpumbata tsentrifugaalsed tuletõrjepumbad. Osa 1: Klassifikatsioon, üldised ja ohutusnõuded KONSOLIDEERITUD TEKST / <i>Fire- fighting pumps - Fire-fighting centrifugal pumps without primer - Part 1: Classification, general and safety requirements CONSOLIDATED TEXT</i>	EN 14710-1:2005	28.12.2009

EN ISO 14738:2008 Masinate ohutus. Antropomeetrilised nõuded masinate tööjaamade kavandamisele / <i>Safety of machinery - Anthropometric requirements for the design of workstations at machinery</i>	EN ISO 14738:2002	28.12.2009
EN 15000:2008 Tööstustöstukite ohutus. Iseliikuvad muutuva tõsteulatusega töstukid. Spetsifikatsioon, jõudluse ja katsetamise nõuded pikitelje koormusmomendi indikaatoritele ja piirajatele / <i>Safety of industrial trucks - Self propelled variable reach trucks - Specification, performance and test requirements for longitudinal load moment indicators and longitudinal load moment limiters</i>	-	
EN 15268:2008 Bensiinjaaamad. Ohutusnõuded sukelpumbasüsteemide ehitamiseks ja kasutamiseks / <i>Petrol Filling Stations - Safety requirements for the construction and performance of submersible pump assemblies</i>	-	
EN ISO 15536-1:2008 Ergonoomika. Arvutil simuleeritud mannekeenid ja kehamallid. Osa 1: Üldnõuded / <i>Ergonomics - Computer manikins and body templates - Part 1: General requirements</i>	EN ISO 15536-1:2005	28.12.2009
EN ISO 15744:2008 Käeshoitavad mitteelektrilised jõuseadised. Müramõõtmise kood. Tehniline meetod (klass 2) / <i>Hand-held non-electric power tools - Noise measurement code - Engineering method (grade 2)</i>	EN ISO 15744:2002	28.12.2009

#### 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.

#### Märkus 2.1

Uus (või muudetud) standard on sama käsitlusalaga kui asendatav standard. Määratud kuupäevast alates kaotab kehtivuse asendatava standardi järgimisest tulenev eeldatav vastavus direktiivi olulistele nõuetele.

## 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 teatistes 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](http://www.wto.org)).

Eelnõude terviktekstid on leitavad teatistes toodud linkidelt või EVS teabekeskusest. Täiendav info: Signe Ruut tel: 605 5062, [enquiry@evs.ee](mailto:enquiry@evs.ee)

**WTO SEKRETARIAADILT SAABUNUD TBT TEATISED**  
**jaanuar 2009**

<b>Number</b>	<b>Esitanud riik</b>	<b>Toode</b>	<b>Esitamise kuupäev</b>
G/TBT/N/ISR/258	ISRAEL	Gas cylinders	30.01.2009
G/TBT/N/BRA/319	BRAZIL	Vehicles of road characteristics for collective transport of passengers	30.01.2009
G/TBT/N/USA/451	UNITED STATES	Consumer products, adhesives, sealants	30.01.2009
G/TBT/N/BRA/318	BRAZIL	Vehicles of urban characteristics for collective transport of passengers	30.01.2009
G/TBT/N/USA/452	UNITED STATES	Fluorescent lamp ballasts	30.01.2009
G/TBT/N/BRA/317	BRAZIL	Televisions of the type plasma, LCD and of projection	30.01.2009
G/TBT/N/BRA/320	BRAZIL	Coconut water	30.01.2009
G/TBT/N/THA/290	THAILAND	Ball-point pens	29.01.2009
G/TBT/N/VCT/5	SAINT VINCENT AND THE GRENADINES	Sweetened condensed milks	28.01.2009
G/TBT/N/VCT/2	SAINT VINCENT AND THE GRENADINES	Wheat flour	28.01.2009
G/TBT/N/VCT/4	SAINT VINCENT AND THE GRENADINES	Spices and sauces	28.01.2009
G/TBT/N/ISR/256	ISRAEL	Power cables	28.01.2009
G/TBT/N/VCT/3	SAINT VINCENT AND THE GRENADINES	Milk powders and cream powders	28.01.2009
G/TBT/N/VCT/1	SAINT VINCENT AND THE GRENADINES	Evaporated milk	28.01.2009

G/TBT/N/VCT/6	SAINTE VINCENT AND THE GRENADINES	Wet seasoning	28.01.2009
G/TBT/N/ZAF/96	SOUTH AFRICA	Buses ; motor vehicles for the transport of ten or more persons	27.01.2009
G/TBT/N/ISR/257	ISRAEL	Medical electrical equipment	27.01.2009
G/TBT/N/ISR/255	ISRAEL	Audio, video and similar electrical apparatus	27.01.2009
G/TBT/N/ZAF/97	SOUTH AFRICA	Vehicles used for the carriage of goods ; motor vehicles for the transport of goods	27.01.2009
G/TBT/N/ZAF/94	SOUTH AFRICA	Trailers	27.01.2009
G/TBT/N/ZAF/93	SOUTH AFRICA	Caravans and light trailers, trailers and semi-trailers	27.01.2009
G/TBT/N/ISR/254	ISRAEL	Information technology equipment	27.01.2009
G/TBT/N/ZAF/95	SOUTH AFRICA	Single-capped fluorescent lamps	27.01.2009
G/TBT/N/USA/448	UNITED STATES	Children's products	26.01.2009
G/TBT/N/USA/447	UNITED STATES	Children's products	26.01.2009
G/TBT/N/MNG/4	MONGOLIA	Certain pre-packaged imported products	26.01.2009
G/TBT/N/CAN/257	CANADA	Prescription status of medicinal ingredients for human use	26.01.2009
G/TBT/N/KGZ/12	KYRGYZ REPUBLIC	Ecological safety	26.01.2009
G/TBT/N/CAN/256	CANADA	Prescription status of medicinal ingredients for human use	26.01.2009
G/TBT/N/USA/449	UNITED STATES	Children's products	26.01.2009
G/TBT/N/USA/450	UNITED STATES	Children's products	26.01.2009
G/TBT/N/CHN/531	CHINA	Plastic cling wrap film for keeping fresh of food	23.01.2009

G/TBT/N/CHN/536	CHINA	External cylindrical grinding machines with a movable table	23.01.2009
G/TBT/N/CHN/543	CHINA	Packaging of dangerous goods transported by air	23.01.2009
G/TBT/N/PAK/34	PAKISTAN	Mayonnaise	23.01.2009
G/TBT/N/CHN/540	CHINA	Long tube breathing apparatus	23.01.2009
G/TBT/N/CHN/535	CHINA	Tractor fuel tank	23.01.2009
G/TBT/N/CHN/537	CHINA	Surface grinding machines with horizontal grinding wheel spindle and reciprocating table	23.01.2009
G/TBT/N/PAK/35	PAKISTAN	Butter	23.01.2009
G/TBT/N/CHN/532	CHINA	Food machinery	23.01.2009
G/TBT/N/CHN/546	CHINA	Packaging of dangerous goods for calcium carbide	23.01.2009
G/TBT/N/PAK/33	PAKISTAN	Orange juice	23.01.2009
G/TBT/N/PAK/31	PAKISTAN	Concentrated fruit juice	23.01.2009
G/TBT/N/CHN/544	CHINA	Portable tanks	23.01.2009
G/TBT/N/CHN/530	CHINA	Disposable plastic tableware	23.01.2009
G/TBT/N/CHN/538	CHINA	Cylindrical gear grinding machines	23.01.2009
G/TBT/N/CHN/534	CHINA	Inter-row mowing units	23.01.2009
G/TBT/N/CHN/533	CHINA	Agricultural and forestry machinery	23.01.2009
G/TBT/N/BRA/316	BRAZIL	Bleach	23.01.2009
G/TBT/N/PAK/32	PAKISTAN	Flavoured milk	23.01.2009

G/TBT/N/CHN/545	CHINA	Large packaging for dangerous goods	23.01.2009
G/TBT/N/CHN/541	CHINA	Personal fall protection systems	23.01.2009
G/TBT/N/CHN/539	CHINA	Non-powered air-purifying respirators	23.01.2009
G/TBT/N/CHN/542	CHINA	Electrically insulating footwear	23.01.2009
G/TBT/N/JAM/18	JAMAICA	Electrical systems and equipment	22.01.2009
G/TBT/N/BHR/81	BAHRAIN	Grapes	22.01.2009
G/TBT/N/THA/288	THAILAND	Tobacco and tobacco products	22.01.2009
G/TBT/N/BHR/80	BAHRAIN	Draft GCC Guide for Approved (Notified) Bodies	22.01.2009
G/TBT/N/USA/444	UNITED STATES	Children's metal jewellery	22.01.2009
G/TBT/N/ECU/38	ECUADOR	Steel structures	22.01.2009
G/TBT/N/JPN/294	JAPAN	Motor vehicles	22.01.2009
G/TBT/N/BHR/86	BAHRAIN	Dairy fat spread	22.01.2009
G/TBT/N/LCA/48	SAINT LUCIA	Table Eggs	22.01.2009
G/TBT/N/EEC/242	EUROPEAN COMMUNITIES	Active substances used in biocidal products	22.01.2009
G/TBT/N/BHR/84	BAHRAIN	Boiled dried salted anchovies	22.01.2009
G/TBT/N/BHR/85	BAHRAIN	Canned crab meat	22.01.2009
G/TBT/N/THA/287	THAILAND	Tobacco, tobacco products	22.01.2009
G/TBT/N/GBR/19	UNITED KINGDOM	Pedal cycles	22.01.2009
G/TBT/N/ECU/40	ECUADOR	Welding of steel structures	22.01.2009
G/TBT/N/JPN/293	JAPAN	Poisonous and deleterious substances	22.01.2009

G/TBT/N/BHR/82	BAHRAIN	Mozarella cheese	22.01.2009
G/TBT/N/USA/446	UNITED STATES	Milk and cream products and yogurt products	22.01.2009
G/TBT/N/THA/289	THAILAND	Tobacco and tobacco products	22.01.2009
G/TBT/N/TTO/60	TRINIDAD AND TOBAGO	Liquefied petroleum gases	22.01.2009
G/TBT/N/TPKM/67	THE SEPARATE CUSTOMS TERRITORY OF TAIWAN, PENGHU, KINMEN AND MATSU	Radio navigational aid apparatus	22.01.2009
G/TBT/N/USA/445	UNITED STATES	Water heaters, heating equipment, pool heaters	22.01.2009
G/TBT/N/ECU/39	ECUADOR	Compact fluorescent lamps	22.01.2009
G/TBT/N/BHR/83	BAHRAIN	Pickled fruits and vegetables	22.01.2009
G/TBT/N/KWT/18	KUWAIT	Cheese	22.01.2009
G/TBT/N/EEC/243	EUROPEAN COMMUNITIES	Cosmetics (hair dye products)	22.01.2009
G/TBT/N/KOR/203	REPUBLIC OF KOREA	Construction machinery	22.01.2009
G/TBT/N/EEC/244	EUROPEAN COMMUNITIES	Articles containing tri-substituted organostannic compounds and di-substituted organostannic compounds	22.01.2009
G/TBT/N/KOR/202	REPUBLIC OF KOREA	Meat	20.01.2009
G/TBT/N/EEC/241	EUROPEAN COMMUNITIES	Tyres	19.01.2009
G/TBT/N/SVN/83	SLOVENIA	Slovenian computer keyboard	15.01.2009
G/TBT/N/USA/442	UNITED STATES	Automotive refrigerant	14.01.2009
G/TBT/N/CHN/516	CHINA	Fixed steel inclined ladders, including fixed stairs, companion way ladders and gangway ladders	14.01.2009



G/TBT/N/CHN/519	CHINA	Flame-retardant protective clothing	14.01.2009
G/TBT/N/CHN/528	CHINA	Combined passive infrared and microwave detectors	14.01.2009
G/TBT/N/USA/440	UNITED STATES	Electric motors	14.01.2009
G/TBT/N/USA/443	UNITED STATES	Walk-in coolers and freezers	14.01.2009
G/TBT/N/CHN/518	CHINA	Grinding machines	14.01.2009
G/TBT/N/CHN/520	CHINA	Protective clothing for welders	14.01.2009
G/TBT/N/JPN/291	JAPAN	Drugs	14.01.2009
G/TBT/N/CHN/523	CHINA	Single-use protective clothing for medical use	14.01.2009
G/TBT/N/CHN/527	CHINA	Transportable motor operated planers and thicknessers	14.01.2009
G/TBT/N/CHN/522	CHINA	Intravenous needles for single use	14.01.2009
G/TBT/N/SVN/84	SLOVENIA	Design of timber structures	14.01.2009
G/TBT/N/SVN/82	SLOVENIA	Slovenian computer keyboard	14.01.2009
G/TBT/N/CHN/515	CHINA	Fixed steel vertical ladders	14.01.2009
G/TBT/N/CHN/514	CHINA	Self-contained close-circuit breathing apparatus of compressed oxygen	14.01.2009
G/TBT/N/USA/441	UNITED STATES	Electric vehicles	14.01.2009
G/TBT/N/CHN/526	CHINA	Transportable motor operated single spindle vertical moulders	14.01.2009
G/TBT/N/CHN/529	CHINA	All types of trial case lenses	14.01.2009
G/TBT/N/CHN/524	CHINA	Hand held motor-operated electric tile saws	14.01.2009

G/TBT/N/USA/439	UNITED STATES	Lead paint, Children's products	14.01.2009
G/TBT/N/CHN/525	CHINA	B-mode ultrasonic diagnostic equipment	14.01.2009
G/TBT/N/JPN/292	JAPAN	Cosmetics	14.01.2009
G/TBT/N/CHN/517	CHINA	Fixed industrial guardrails and steel platform, stair landing platform and walking platform	14.01.2009
G/TBT/N/CHN/521	CHINA	Electrical equipment of industrial machines	14.01.2009
G/TBT/N/PAK/30	PAKISTAN	Fruit Squashes	13.01.2009
G/TBT/N/PAK/26	PAKISTAN	Refined Sugar and White Sugar	13.01.2009
G/TBT/N/PAK/28	PAKISTAN	Honey	13.01.2009
G/TBT/N/PAK/29	PAKISTAN	Milk Powder (Whole and Skim)	13.01.2009
G/TBT/N/PAK/27	PAKISTAN	Jams (Fruit Preserves) and Jellies	13.01.2009
G/TBT/N/BHR/79	BAHRAIN	Any product placed on the Gulf Cooperation Council Countries (GCC) market	12.01.2009
G/TBT/N/ARE/16	UNITED ARAB EMIRATES	Any product placed on the Gulf Cooperation Council Countries (GCC) market	12.01.2009
G/TBT/N/ARE/15	UNITED ARAB EMIRATES	Any product placed on the Gulf Cooperation Council Countries (GCC) market	12.01.2009
G/TBT/N/ARE/17	UNITED ARAB EMIRATES	Any product placed on the Gulf Cooperation Council Countries (GCC) market	12.01.2009
G/TBT/N/ISR/253	ISRAEL	Alcoholic drinks	12.01.2009
G/TBT/N/PHL/102	PHILIPPINES	Pneumatic tires for motor vehicles and their trailers	12.01.2009
G/TBT/N/KOR/201	KOREA	Cosmetic products	12.01.2009

G/TBT/N/PER/22	PERU	Toys	12.01.2009
G/TBT/N/CHL/85	CHILE	Gas fired decorative appliances	12.01.2009
G/TBT/N/KOR/200	REPUBLIC OF KOREA	Cosmetic products	9.01.2009
G/TBT/N/HKG/30	HONG KONG, CHINA	Living Modified Organisms	9.01.2009
G/TBT/N/GTM/62	GUATEMALA	Veterinary drugs and related products	9.01.2009
G/TBT/N/CHE/109	SWITZERLAND	Chemical products	9.01.2009
G/TBT/N/JPN/290	JAPAN	Household products	5.01.2009

**WTO SEKRETARIAADILT SAABUNUD SPS TEATISED**  
**jaanuar 2009**

<b>Number</b>	<b>Esitanud riik</b>	<b>Mõjutatav piirkond/riik</b>	<b>Toode</b>	<b>Esitamise kuupäev</b>
G/SPS/N/ALB/99	ALBANIA	Nepal	Live fowls (domestic and wild), fledglings (24 hour-old birds), decorative fowls (regardless of origin until[...]terial and biological products	30.01.2009
G/SPS/N/ALB/97	ALBANIA	Italy	Live animals, herbivores, ruminants, embryos, biological products, pathological material	30.01.2009
G/SPS/N/ALB/98	ALBANIA	Australia	Live animals, herbivores, ruminants, embryos, biological products, pathological material	30.01.2009
G/SPS/N/BRA/520	BRAZIL	All trading partners	Animal feed	30.01.2009
G/SPS/N/BRA/519	BRAZIL	All trading partners	Genetically modified organisms - GMO	29.01.2009

G/SPS/N/CAN/377	CANADA	All trading partners	Infant formula and sole source nutrition products, including meal-replacement products ; other food products [...] and milk-derived ingredients	28.01.2009
G/SPS/N/BRA/517	BRAZIL	Papaya	All trading partners	27.01.2009
G/SPS/N/BRA/518	BRAZIL	All trading partners	Coconut water	27.01.2009
G/SPS/N/IND/59	INDIA	Those exporting food items that contain label to India	All pre-packaged food imported or domestically produced	27.01.2009
G/SPS/N/CHL/290	CHILE	All trading partners	Quarantine pests	26.01.2009
G/SPS/N/TPKM/151	THE SEPARATE CUSTOMS TERRITORY OF TAIWAN, PENGHU, KINMEN AND MATSU	All trading partners	Horses	26.01.2009
G/SPS/N/AUS/229	AUSTRALIA	China	Fresh apple fruit	23.01.2009
G/SPS/N/TPKM/150	THE SEPARATE CUSTOMS TERRITORY OF TAIWAN, PENGHU, KINMEN AND MATSU	Countries exporting the products concerned	Pesticides - Residues - Acetamiprid, Azoxystrobin, Bifenthrin, Boscalid[...] Tricyclazole, Trifloxystrobin	21.01.2009
G/SPS/N/BRA/514	BRAZIL	All trading partners	Pesticides - Residues	20.01.2009
G/SPS/N/BRA/513	BRAZIL	South Africa	Cotton seed	20.01.2009
G/SPS/N/CAN/376	CANADA	All trading partners	Pesticides - Residues - Desmedipham	20.01.2009
G/SPS/N/BRA/512	BRAZIL	All trading partners	Plants	20.01.2009
G/SPS/N/BRA/516	BRAZIL	All trading partners	Pesticides - Residues - Agrottoxins	20.01.2009

G/SPS/N/BRA/515	BRAZIL	MERCOSUR	Carrot - ( <i>Daucus carota</i> )	20.01.2009
G/SPS/N/CAN/375	CANADA	All trading partners	Pesticides - Residues - Sulfuryl fluoride	20.01.2009
G/SPS/N/JPN/223	JAPAN	All countries/regions excluding BSE free countries/regions	Livestock meat	19.01.2009
G/SPS/N/USA/1896	UNITED STATES	All trading partners	Pesticides - Residues - 3H-1,2-Dithiol-3-one, 4,5-dichloro	13.01.2009
G/SPS/N/USA/1898	UNITED STATES	All trading partners	Pesticides - Residues - Atonik	13.01.2009
G/SPS/N/USA/1899	UNITED STATES	All trading partners	Bromadiolone, bromethalin, cholecalciferol, difenacoum, diphacinone, warfarin, zinc phosphide	13.01.2009
G/SPS/N/USA/1897	UNITED STATES	All trading partners	Pesticides - Residues - 2,4-dichlorophe-noxyacetic acid (2,4-D)	13.01.2009
G/SPS/N/HKG/31	HONG KONG, CHINA	All trading partners	Living modified organisms	12.01.2009
G/SPS/N/USA/1895	UNITED STATES	All trading partners	Pesticides - Residues - 2-((hydroxymet-hyl)-amino) ethanol	12.01.2009
G/SPS/N/USA/1894	UNITED STATES	Peru	Hass avocados	12.01.2009
G/SPS/N/USA/1893	UNITED STATES	Germany and Poland	Animal and animal products	12.01.2009
G/SPS/N/IDN/40	INDONESIA	All trading partners	Carcass, meat and offal	9.01.2009
G/SPS/N/CHN/114	CHINA	All trading partners	Sport beverages	9.01.2009
G/SPS/N/BRA/511	BRAZIL	All trading partners	Bovine and swine	9.01.2009
G/SPS/N/CHN/115	CHINA	All trading partners	Dairy equipment	9.01.2009

G/SPS/N/TPKM/148	THE SEPARATE CUSTOMS TERRITORY OF TAIWAN, PENGHU, KINMEN AND MATSU	All trading partners	Live crustaceans	6.01.2009
G/SPS/N/TPKM/149	THE SEPARATE CUSTOMS TERRITORY OF TAIWAN, PENGHU, KINMEN AND MATSU	All trading partners	Live fish and their gametes and fertilized eggs	6.01.2009
G/SPS/N/KOR/311	REPUBLIC OF KOREA	All trading partners	Food products	6.01.2009
G/SPS/N/KOR/310	REPUBLIC OF KOREA	All trading partners	Health/functional foods	6.01.2009
G/SPS/N/KOR/309	REPUBLIC OF KOREA	All trading partners	Health/functional foods	6.01.2009
G/SPS/N/CHN/112	HIINA	All trading partners	Enzyme preparations used in food processing	5.01.2009
G/SPS/N/CHN/113	CHINA	All trading partners	Process(ed) cheese	5.01.2009
G/SPS/N/CHN/111	CHINA	All trading partners	Distilled spirits and their integrated alcoholic beverages	5.01.2009

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

Arvamusküsitlusele on esitatud:

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

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

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

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

Kavanditega tutvumiseks palume saata vastav teade aadressile [standardiosakond@evs.ee](mailto:standardiosakond@evs.ee), kavandeid saab osta klienditeenindusest [standard@evs.ee](mailto:standard@evs.ee).

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

# ICS PÕHIRÜHMAD

## ICS Nimetus

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- 07 Matemaatika. Loodusteadused
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- 23 Üldkasutatavad hüdro- ja pneumosüsteemid ja nende osad
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- 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**

#### **CEN ISO/TS 12781-1:2007**

Hind 135,00

Identne CEN ISO/TS 12781-1:2007

ja identne ISO/TS 12781-1:2003

#### **Geometrical product specifications (GPS) - Flatness - Part 1: Vocabulary and parameters of flatness**

This part of ISO/TS 12781 defines the terms and concepts related to flatness of individual complete integral features only.

Keel en

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **prEN 934-3**

Identne prEN 934-3:2009

Tähtaeg 1.04.2009

#### **Betooni ja mördi keemilised lisandid. Osa 3: Müürimördi keemilised lisandid. Määratlused, nõuded, vastavus ja märgistus**

This European Standard defines and specifies the requirements and conformity criteria for admixtures for use in cement based masonry mortar. It covers two types of admixtures, long term retarding and air entraining/plasticising which are used in ready-mixed and site made masonry mortars. Provisions for the use of admixtures for masonry mortar are not part of this European Standard but are covered by EN 998-1 and EN 998-2.

Keel en

Asendab EVS-EN 934-3:2005

#### **prEN 15898**

Identne prEN 15898:2009

Tähtaeg 1.04.2009

#### **Conservation of cultural property - Main general terms and definitions concerning conservation of cultural property**

This document defines the main general terms used in the field of conservation of cultural property with particular attention to those terms which have wide use or significance.

Keel en

#### **prEN 15900**

Identne prEN 15900:2009

Tähtaeg 1.04.2009

#### **Energy efficiency services - Definitions and essential requirements**

This standard specifies the definitions and minimum requirements for an energy efficiency service.

Keel en

#### **prEN ISO 15883-1**

Identne prEN ISO 15883-1:2009

ja identne ISO 15883-1:2006

Tähtaeg 1.04.2009

#### **Pesur-desinfitseerija. Osa 1: Üldnõuded, terminid, definitsioonid ja katsed**

This part of ISO 15883 specifies general performance requirements for washer-disinfectors (WD) and their accessories that are intended to be used for cleaning and disinfection of re-usable medical devices and other articles used in the context of medical, dental, pharmaceutical and veterinary practice. It specifies performance requirements for cleaning and disinfection as well as for the accessories which can be required to achieve the necessary performance. The methods and instrumentation required for validation, routine control and monitoring and re-validation, periodically and after essential repairs, are also specified. The requirements for washer-disinfectors intended to process specific loads are specified in subsequent parts of this standard. For washer-disinfectors intended to process loads of two or more different types the requirements of all relevant parts of this standard apply.

Keel en

Asendab EVS-EN ISO 15883-1:2006

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

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS 900:2009**

Hind 295,00

#### **Koristusvaldkonna sõnavara**

Standard määratleb professionaalses koristusvaldkonnas kasutatavad terminid ja nende tähendused.

Keel et

**EVS-EN 14012:2009**

Hind 243,00

Identne EN 14012:2008

**Postal services - Quality of service - Complaints handling principles**

This European Standard specifies complaints handling principles related to domestic and international postal services. It applies to both national and cross border services. Attention is given to how to handle complaints in multiple operator situations. The standard also gives guidance for compensation and redress procedures. This European Standard may be applied to all types of postal service both Universal service and non-universal service and by all types of postal organizations. It defines various types of complaints and establishes a methodology for handling complaints in order to improve the service given to postal users. It also gives guidance for complaints handling processes to be set up by postal service providers in order to improve quality of service. This European Standard provides guidelines beyond the requirements given in ISO 10002 and ISO 9001 in order to consider both the effectiveness and efficiency of a complaint handling process, and consequently the potential for improvement of the performance of an organization. When compared to ISO 9001, the objectives of customer satisfaction and product quality are extended to include the satisfaction of interested parties and the performance of the organization.

Keel en

Asendab EVS-EN 14012:2007

**EVS-ISO 10001:2009**

Hind 145,00

ja identne ISO 10001:2007

**Kvaliteedijuhtimine. Kliendi rahulolu. Juhised ettevõtete käitumisjuhenditele**

Käesolev rahvusvaheline standard annab juhiseid kliendi rahulolu tagava käitumisjuhendi planeerimiseks, kujundamiseks, arendamiseks, rakendamiseks, säilitamiseks ja täiustamiseks. See rahvusvaheline standard on rakendatav tootega seotud eeskirjadele, mis sisaldavad ettevõtte poolt antud käitumist puudutavaid lubadusi klientidele. Sellised lubadused ja vastavad korraldused on mõeldud kliendi rahulolu tõstmiseks. Lisa A sisaldab lihtsustatud näiteid erinevatele ettevõtetele mõeldud eeskirjade elementidest. MÄRKUS 1 Käesolevas rahvusvahelises standardis hõlmab termin "toode" teenuseid, tarkvara, riistvara ja valmistooteid. MÄRKUS 2 Käesolevas rahvusvahelises standardis käib termin "toode" vaid kliendile mõeldud või kliendi poolt nõutud toote kohta. Käesolev rahvusvaheline standard on mõeldud kasutamiseks ettevõtetele, olenemata nende liigist, suuruselt ja pakutavast kaubast, kaasaarvatud ettevõtetele, mis kujundavad kliendi rahulolu tagavaid käitumisjuhendeid teistele ettevõtetele kasutamiseks. Lisa C annab nõuandeid konkreetsemalt väikeettevõtetele. Käesolev rahvusvaheline standard ei määra kliendi rahulolu tagavate käitumisjuhendite sisu ega tegele teist tüüpi käitumisjuhenditega, nagu need, mis puudutavad ettevõtte ja selle personali või ettevõtte ja selle varustajate vahelisi vastastikuseid suhteid. Käesolev rahvusvaheline standard ei ole mõeldud sertifitseerimise või lepingulistel eesmärkidel kasutamiseks ega püüa muuta olemasolevate seaduslike ja reguleerivate nõuetega tagatud õigusi ja kohustusi. MÄRKUS 3 Kuna käesolev rahvusvaheline standard ei ole mõeldud lepingulistel eesmärkidel kasutamiseks, võib kliendi rahulolu tagavate käitumisjuhendite lubadusi lisada ettevõtte lepingutesse. MÄRKUS 4 Käesolev rahvusvaheline standard on mõeldud kliendi rahulolu tagavatele käitumisjuhenditele, mis puudutavad eraisikust kliente, kes ostavad või kasutavad kaupu, vara või teenuseid isiklikuks või koduseks tarbeks, kuigi see sobib kasutamiseks igasuguste kliendi rahulolu tagavate käitumisjuhendite puhul.

Keel en

## **EVS-ISO 10003:2009**

Hind 209,00

ja identne ISO 10003:2007

### **Kvaliteedijuhtimine. Kliendi rahulolu. Juhised ettevõtteväliste vaidluste lahendamiseks**

Käesolev rahvusvaheline standard annab ettevõttele juhiseid, kuidas planeerida, kujundada, arendada, töös hoida, säilitada ja täiustada toimivat ja tõhusat vaidluste lahendamise protsessi kaebuste korral, mis jäänud ettevõtte poolt lahendamata. Käesolev rahvusvaheline standard on rakendatav: - kaebustele, mis on seotud ettevõtte klientidele mõeldud või klientide poolt nõutud toodetega; kaebustega tegelemise protsessidele või vaidluste lahendamise protsessidele; MÄRKUS 1 Käesolevas rahvusvahelises standardis hõlmab termin "toode" teenuseid, tarkvara, riistvara ja valmistooteid. - siseriiklikust või välismaisest äritegevusest, kaasaarvatud elektroonilisest kaubandusest tulenevate vaidluste lahendamine. Käesolev rahvusvaheline standard on mõeldud ettevõtetele kasutamiseks, sõltumata nende liigist, suurusest või pakutavast kaubast, ning käsitleb: juhiseid määramiseks, kuidas ja millal saab ettevõtte osaleda vaidluste lahendamises, juhiseid varustajate valimiseks ja nende teenuste kasutamiseks, juhtkonna kaasamist ja pühendumust vaidluste lahendamisele ning vajalike ressurside paigutamist ettevõttesse, õiglase, sobiliku, läbipaistva ja kättesaadava vaidluste lahendamise põhialuseid, juhiseid ettevõtte vaidluste lahendamises osalemise korraldamiseks ning vaidluste lahendamise protsessi jälgimiseks, hindamiseks ja täiustamiseks. MÄRKUS 2 Käesolev rahvusvaheline standard on mõeldud eelkõige vaidluste lahendamiseks ettevõtte ja eraisikute, kes ostavad või kasutavad tooteid isiklikuks või koduseks tarbeks, või ettevõtte ja väikeettevõtete vahel. See rahvusvaheline standard ei ole mõeldud sertifitseerimise või lepingulistel eesmärkidel kasutamiseks. See ei ole rakendatav teist liiki vaidluste lahendamiseks, nagu näiteks töölevõtmise vaidlused. See ei püüa muuta olemasolevate seaduslike ja reguleerivate nõuetega tagatud õigusi ja kohustusi. Käesolev rahvusvaheline standard ei sobi kaebuste käsitlemiseks ettevõtte sees.

Keel en

## **EVS-ISO 10007:2009**

Hind 105,00

ja identne ISO 10007:2003

### **Kvaliteedijuhtimissüsteemid. Juhised konfiguratsiooni juhtimiseks**

Käesolev rahvusvaheline standard annab juhiseid konfiguratsiooni juhtimiseks ettevõtte sees. See sobib toodete toetamiseks ideest müügini. Kõigepealt täpsustab see vastutusalasid ja volitusi ning seejärel kirjeldab konfiguratsiooni juhtimise protsessi, mis hõlmab konfiguratsiooni juhtimise planeerimist, konfiguratsioonelementide kindlakstegemist, muudatusekontrolli, konfiguratsioonelementide staatuse arves-tamist ja konfiguratsiooni auditeerimist. Kuna käesolev rahvusvaheline standard on nõuandedokument, ei ole see mõeldud kasutamiseks sertifitseerimise/registreerimise eesmärkidel.

Keel en

Asendab EVS-EN ISO 10007:1999

## **ASENDATUD VÕI TÜHISTATUD STANDARDID**

### **EVS-EN 14012:2007**

Identne EN 14012:2003

#### **Postiteenused. Teenuse kvaliteet. Kaebuste läbivaatamise ja käsitlemise kord**

Standard määratleb nõudmised kaebuste läbivaatamise ja käsitlemise korrale, mis on seotud siseriikliku ja rahvusvahelise postiteenusega. See määratleb erinevat tüüpi kaebused ja kehtestab igale kaebusetüübile metoodika, kuidas mõõta vastasmäära kaebuse kinnitamisel, käsitlemisel ja lahendamisel teenusepakkuja poolt.

Keel et

Asendatud EVS-EN 14012:2009

## **KAVANDITE ARVAMUSKÜSITLUS**

### **prEN 15900**

Identne prEN 15900:2009

Tähtaeg 1.04.2009

#### **Energy efficiency services - Definitions and essential requirements**

This standard specifies the definitions and minimum requirements for an energy efficiency service.

Keel en

## **07 MATEMAATIKA. LOODUSTEADUSED**

## **KAVANDITE ARVAMUSKÜSITLUS**

### **prEN 13798**

Identne prEN 13798:2009

Tähtaeg 1.04.2009

#### **Hydrometry - Specification for a reference rain gauge pit**

This European Standard specifies the design of a reference rain gauge pit. The specified details of the pit and the grating, are purposely kept to a minimum in order to allow each rain gauge operator latitude in their construction and to suit local conditions.

Keel en

Asendab EVS-EN 13798:2002

### **prEN 15518-1**

Identne prEN 15518-1:2009

Tähtaeg 1.04.2009

#### **Winter maintenance equipment - Road weather information systems - Part 1: Global definitions and components**

This European Standard defines the "Road Weather Information Systems" (RWIS) concept for public roads and traffic surfaces. This standard applies to the acquisition of data on weather-related road and environment conditions as well as their forecast. This information is typically used for road maintenance and can serve other systems like traffic management, road users information, data models, etc.

Keel en

**prEN 15518-2**

Identne prEN 15518-2:2009

Tähtaeg 1.04.2009

**Winter maintenance equipment - Road weather information systems - Part 2: Road weather - Recommended observation and forecast**

This European Standard specifies the frequency, resolution and content of road weather observation and forecast products for a Road Weather Information Systems (RWIS).

Keel en

**prEN 15518-3**

Identne prEN 15518-3:2009

Tähtaeg 1.04.2009

**Winter maintenance equipment - Road weather information systems - Part 3: Requirements on measured values of stationary equipments**

This European Standard specifies the terminology and performance requirements for all components of a stationary equipment within a Road Weather Information Systems (RWIS).

Keel en

**prEN ISO 18416**

Identne prEN ISO 18416:2009

ja identne ISO 18416:2007

Tähtaeg 1.04.2009

**Cosmetics - Microbiology - Detection of Candida albicans**

This International Standard gives general guidelines for the detection and identification of the specified microorganism *Candida albicans* in cosmetic products. Microorganisms considered as specified in this International Standard might differ from country to country according to national practices or regulations. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis so as to determine the types of cosmetic product to which this International Standard is applicable. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, those with extreme pH values, etc. The method described in this International Standard is based on the detection of *Candida albicans* in a non-selective liquid medium (enrichment broth), followed by isolation on a selective agar medium. Other methods may be appropriate dependent on the level of detection required.

Keel en

**prEN ISO 21148**

Identne prEN ISO 21148:2009

ja identne ISO 21148:2005

Tähtaeg 1.04.2009

**Cosmetics - Microbiology - General instructions for microbiological examination**

This International Standard gives general instructions for carrying out microbiological examinations of cosmetic products, in order to ensure their quality and safety, in accordance with an appropriate risk analysis (e.g. low water activity, hydro-alcoholic, extreme pH values). Because of the large variety of products and potential uses within this field of application, these instructions might not be appropriate for some products in every detail (e.g. certain water-immiscible products).

Keel en

**prEN ISO 21149**

Identne prEN ISO 21149:2009

ja identne ISO 21149:2006

Tähtaeg 1.04.2009

**Cosmetics - Microbiology - Enumeration and detection of aerobic mesophilic bacteria**

This International Standard gives general guidelines for enumeration and detection of mesophilic aerobic bacteria present in cosmetics, - by counting the colonies on agar medium after aerobic incubation, or - by checking the absence of bacterial growth after enrichment. Because of the large variety of cosmetic products within this field of application, this method may not be appropriate for some products in every detail (e.g. certain water immiscible products). Other methods (e.g. automated) may be substituted for the tests presented here provided that their equivalence has been demonstrated or the method has been otherwise validated. If needed, microorganisms enumerated or detected may be identified using suitable identification tests described in the standards given in the Bibliography. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis, so as to determine the types of cosmetic products to which this International Standard is applicable. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, extreme pH values, etc.

Keel en

**prEN ISO 21150**

Identne prEN ISO 21150:2009

ja identne ISO 21150:2006

Tähtaeg 1.04.2009

**Cosmetics - Microbiology - Detection of Escherichia coli**

This International Standard gives general guidelines for the detection and identification of the specified microorganism *Escherichia coli* in cosmetic products. Microorganisms considered as specified in this International Standard might differ from country to country according to national practices or regulations. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis, so as to determine the types of cosmetic products to which this International Standard is applicable. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, extreme pH values, etc. This International Standard specifies a method that is based on the detection of *Escherichia coli* in a non-selective liquid medium (enrichment broth), followed by isolation on a selective agar medium. Other methods may be appropriate depending on the level of detection required.

Keel en

#### **prEN ISO 22718**

Identne prEN ISO 22718:2009

ja identne ISO 22718:2006

Tähtaeg 1.04.2009

#### **Cosmetics - Microbiology - Detection of Staphylococcus aureus**

This International Standard gives general guidelines for the detection and identification of the specified micro-organism *Staphylococcus aureus* in cosmetic products. Micro-organisms considered as specified in this International Standard might differ from country to country according to national practices or regulations. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis to determine the types of cosmetic product to which this International Standard is applicable. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, extreme pH values, etc. The method described in this International Standard is based on the detection of *Staphylococcus aureus* in a non-selective liquid medium (enrichment broth), followed by isolation on a selective agar medium. Other methods may be appropriate dependent on the level of detection required.

Keel en

#### **prEVS-ISO 21527-1**

ja identne ISO 21527-1:2008

Tähtaeg 30.03.2009

#### **Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95**

This part of ISO 21527 specifies a horizontal method for the enumeration of viable yeasts and moulds in products intended for human consumption or feeding of animals that have a water activity greater than 0,95 [eggs, meat, dairy products (except milk powder), fruits, vegetables, fresh pastes, etc.], by means of the colony count technique at 25 °C ± 1 °C (References [1], [2]). This part of ISO 21527 does not allow the enumeration of mould spores. Neither the identification of fungal flora nor the examination of foods for mycotoxins lie within the scope of this part of ISO 21527. The method specified in this part of ISO 21527 is not suitable for enumeration of heat-resistant fungi, such as *Byssoschlamys fulva* or *Byssoschlamys nivea*, in canned or bottled fruit and vegetables.

Keel en

Asendab EVS-ISO 7954:1999

#### **prEVS-ISO 21527-2**

ja identne ISO 21527-2:2008

Tähtaeg 30.03.2009

#### **Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95 (ISO 21527-2:2008)**

This part of ISO 21527 specifies a horizontal method for the enumeration of viable osmophilic yeasts and xerophilic moulds in products intended for human consumption or feeding of animals that have a water activity less than or equal to 0,95 (dry fruits, cakes, jams, dried meat, salted fish, grains, cereals and cereal products, flours, nuts, spices and condiments, etc. [Annex A]), by means of the colony count technique at 25 °C ± 1 °C (Reference [3]). This part of ISO 21527 does not apply to dehydrated products with water activity less than or equal to 0,60 (dehydrated cereals, oleaginous products, spices, leguminous plants, seeds, powders for instant drinks, dry products for domestic animals, etc.) and does not allow the enumeration of mould spores (Reference [3]). Neither the identification of fungal flora nor the examination of foods for mycotoxins lie within the scope of this part of ISO 21527. The method specified in this part of ISO 21527 is not suitable for enumeration of halophilic xerophilic fungi (i.e. *Polypaecilium pisce*, *Basipetospora halophila*) such as may be found in dried fish.

Keel en

Asendab EVS-ISO 7954:1999

## **11 TERVISEHOOLDUS**

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS-EN 14563:2009**

Hind 219,00

Identne EN 14563:2008

#### **Keemilised desinfektsioonivahendid ja antiseptikumid. Kvantitatiivne ülekandekatse meditsiini valdkonnas kasutatavate instrumentide puhul kasutatavate keemiliste desoainete mükobakteritsiidse või tuberkuloosivastase toime hindamiseks. Katsemeetod ja nõuded (2.faaas, 2.etapp)**

This European Standard specifies a test method and the minimum requirements for mycobactericidal or tuberculocidal activity of chemical disinfectant products that form a homogeneous, physically stable preparation when diluted with hard water, or – in the case of ready-to-use products – with water. This European Standard applies to products that are used in the medical area for disinfecting instruments by immersion – even if they are not covered by the EEC/93/42 Directive on Medical Devices. This European Standard applies to areas and situations where disinfection is medically indicated. Such indications occur in patient care, for example: - in hospitals, in community medical facilities and in dental institutions; - in clinics of schools, kindergartens and nursing homes; and may occur in the workplace and in the home. It may also include services such as laundries and kitchens supplying products directly for the patients. EN 14885 specifies in detail the relationship of the various tests to one another and to "use recommendations".

Keel en

**EVS-EN 60601-2-29:2009**

Hind 198,00

Identne EN 60601-2-29:2008

ja identne IEC 60601-2-29:2008

**Medical electrical equipment - Part 2-29: Particular requirements for the basic safety and essential performance of radiotherapy simulators**

This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of RADIOTHERAPY SIMULATORS, hereafter referred to as ME EQUIPMENT. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this standard are not covered by specific requirements in this standard except in 7.2.13 and 8.4.1 of the general standard.

Keel en

Asendab EVS-EN 60601-2-29:2002

**EVS-EN 62494-1:2009**

Hind 166,00

Identne EN 62494-1:2008

ja identne IEC 62494-1:2008

**Medical electrical equipment - Exposure index of digital X-ray imaging systems -- Part 1: Definition and requirements for general radiography**

This part of IEC 62494 specifies definitions and requirements for the EXPOSURE INDEX of images acquired with DIGITAL X-RAY IMAGING SYSTEMS. This standard is applicable to DIGITAL X-RAY IMAGING SYSTEMS used in general radiography for producing PROJECTION X-ray images for general applications, such as, but not exclusively: • computed radiography (CR) systems based on stimutable phosphors; • flat-panel detector based systems; • charge-coupled device (CCD) based systems. Image intensifier based systems and systems for mammographic or dental application are not covered in this first edition. This standard defines the EXPOSURE INDEX only for images generated with a single IRRADIATION event. Images generated from multiple IRRADIATIONS (e.g., tomosynthetic or dual-energy images, multiple views on a single CR plate) are not covered.

Keel en

**EVS-EN ISO 7405:2009**

Hind 219,00

Identne EN ISO 7405:2008

ja identne ISO 7405:2008

**Dentistry - Evaluation of biocompatibility of medical devices used in dentistry**

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

Keel en

Asendab EVS-EN ISO 7405:1999

**EVS-EN ISO 11979-4:2009**

Hind 92,00

Identne EN ISO 11979-4:2008

ja identne ISO 11979-4:2008

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

This part of ISO 11979 specifies the labelling requirements for intraocular lenses (IOLs) and the information to be provided within or on the packaging.

Keel en

Asendab EVS-EN ISO 11979-4:2000

**EVS-EN ISO 16061:2009**

Hind 166,00

Identne EN ISO 16061:2008

ja identne ISO 16061:2008

**Instrumendid kasutamiseks mitteaktiivsete kirurgiliste implantaatidega. Üldnõuded**

This International Standard specifies general requirements for instruments to be used in association with non-active surgical implants. These requirements apply to instruments when they are manufactured and when they are resupplied after refurbishment. This International Standard also applies to instruments which may be connected to power-driven systems, but does not apply to the power-driven systems themselves. With regard to safety, this International Standard gives requirements for intended performance, design attributes, selection of materials, design evaluation, manufacture, sterilization, packaging and information to be supplied by the manufacturer. This International Standard is not applicable to instruments associated with dental implants, transendodontic and transradicular implants and ophthalmic implants.

Keel en

Asendab EVS-EN 12011:1999

**ASENDATUD VÕI TÜHISTATUD STANDARDID****EVS-EN 12011:1999**

Identne EN 12011:1998

**Instrumentarium, mis on kasutatav seoses mitteaktiivsete kirurgiliste implantaatidega. Üldnõuded**

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

Keel en

Asendatud EVS-EN ISO 16061:2009

**EVS-EN 60601-2-29:2002**

Identne EN 60601-2-29:1999

ja identne IEC 60601-2-29:1999

**Elektrilised meditsiiniseadmed. Osa 2-29: Erinõuded kiiritusravi simulaatorite ohutusele**

This particular standard applies to radiotherapy simulators which use diagnostic X-ray equipment to simulate physically a radiotherapy radiation beam, so that the treatment volume to be subjected to irradiation during radiotherapy can be localized, and the position and size of the radiotherapy radiation field can be confirmed. - intended exclusively for radiotherapy simulation as a prelude to intended radiotherapy, and not for any other purpose such as general

Keel en

Asendab EVS-EN 60601-2-29:2001

Asendatud EVS-EN 60601-2-29:2009

### **EVS-EN ISO 7405:1999**

Identne EN ISO 7405:1997  
ja identne ISO 7405:1997

#### **Stomatoloogia. Stomatoloogias kasutatavate meditsiinivahendite bioloogilise sobivuse prekliiniline hindamine. Hambaravimaterjalide katsemeetodid**

Käesolev standard esitab meetodid hambaravimaterjalide bioloogilise mõju hindamiseks. Standard hõlmab selliste farmakoloogiliste toimeainete testimist, mis on testitava vahendi üheks oluliseks osaks.

Keel en

Asendatud EVS-EN ISO 7405:2009

### **EVS-EN ISO 11979-4:2000**

Identne EN ISO 11979-4:2000  
ja identne ISO 11979-4:2000

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

This part of EN ISO 11979 specifies the labelling requirements for intraocular lenses (IOLs) and the information to be provided within or on the packaging.

Keel en

Asendatud EVS-EN ISO 11979-4:2009

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **prEN ISO 27020**

Identne prEN ISO 27020:2009  
ja identne ISO/DIS 27020:2009  
Tähtaeg 1.04.2009

#### **Dentistry - Brackets and tubes for use in orthodontics**

This International Standard is applicable to brackets and tubes to use in fixed orthodontic appliances. This International Standard gives details of methods to compare the functional dimensions of orthodontic brackets and tubes, the test methods by which they can be determined, as well as packaging and labelling information. Specific qualitative and quantitative requirements for freedom from biological hazards are not included in this International Standard, but it is recommended that in assessing possible biological hazards reference should be made to ISO 10993-1 and ISO 7405.

Keel en

### **EN 794-3:1999/prA2**

Identne EN 794-3:1998/prA2:2009  
Tähtaeg 1.04.2009

#### **Kopsuventilaatorid. Osa 3: Erinõuded kiirabi- ja transportventilaatoritele**

Standardi käesolev osa esitab nõuded ventilaatoritele, mis on mootorajamiga ning ette nähtud kasutamiseks kiirabi andmisel ja transportimisel. Standard hõlmab tervet rida seadmeid, alates suhteliselt lihtsatest ventilaatoritest, mis on ette nähtud eelkõige kasutamiseks koos näomaskiga ja piiratud aja vältel (nt. gaasitoitel töötavad ventilaatorid), kuni seadmeteni, mis on ette nähtud pikemaajaliseks kasutamiseks.

Keel en

### **EN 1282-2:2005/prA1**

Identne EN 1282-2:2005/prA1:2009  
ja identne ISO 5366-3:2001  
Tähtaeg 1.04.2009

#### **Traheostoomikanüülid. Osa 2: Pediaatrilised kanüülid**

This European Standard specifies requirements for paediatric tracheostomy tubes made of plastics materials and/or rubber having inside diameters from 2,0 mm to 6,0 mm. Requirements for paediatric tracheostomy tube connectors and adaptors are also given.

Keel en

### **EN 1782:1999/prA1**

Identne EN 1782:1998/prA1:2009  
Tähtaeg 1.04.2009

#### **Intubatsioonitorud ja -liitmikud**

Standard esitab nõuded plastist ja/või kummist valmistatud (mansetita ja mansetiga) orotraheaalsetele ja nasotraheaalsetele intubatsioonitorudele ning nõuded intubatsioonitorude liitmikele. Eriotstarbelised intubatsioonitorud on käesoleva standardi reguleerimisalast välja jäetud.

Keel en

### **EN 1820:2005/prA1**

Identne EN 1820:2005/prA1:2009  
ja identne ISO 5362:2000  
Tähtaeg 1.04.2009

#### **Anesteetikumikotid**

This document specifies requirements for antistatic and non-antistatic reservoir bags for use with anaesthetic apparatus or lung-ventilator breathing systems. It includes requirements for the design of the neck, size designation, distension and, where relevant, for electrical resistance. This document is not applicable to special-purpose bags, for example bellows and self-expanding bags. Bags for use with anaesthetic gas scavenging systems are not considered to be anaesthetic reservoir bags and are thus outside the scope of this document.

Keel en

Asendab EVS-EN 1820:1999

### **EN 12342:1999/prA1**

Identne EN 12342:1998/prA1:2009  
Tähtaeg 1.04.2009

#### **Hingamistorud, mis on ette nähtud kasutamiseks koos anesteesiaaparaatidega ja ventilaatoritega**

Standard esitab põhinõuded hingamistorudele ja -torustikule, millest saab lõigata sobiva pikkusega osa ning mis on ette nähtud kasutamiseks koos anesteesiaaparaatide, ventilaatorite, niisutite ja nebulisaatoritega. Standard kehtib samuti hingamistorude ja Y-torukolmikute kohta, mis on hangitud juba kokkumonteeritud, ning nende kohta, mis on hangitud koostisosadena ja vastavalt tootjatelt antud juhistelega kokku monteeritud.

Keel en

### **EN 13544-1:2007/prA1**

Identne EN 13544-1:2007/prA1:2009  
Tähtaeg 1.04.2009

#### **Respiratoorse teraapia seadmed. Osa 1: Pihustussüsteemid ja nende komponendid**

This European Standard specifies requirements for nebulizing systems used for the delivery of drugs in an aerosol form to humans through the respiratory system.

Keel en

**EN 13544-2:2002/prA1**

Identne EN 13544-2:2002/prA1:2009

Tähtaeg 1.04.2009

**Respiratoorse teraapia seadmed. Osa 2: Torustik ja toruliitmikud**

This part of EN 13544 specifies requirements for nipples, screw threaded unions and tubing to be used with equipment for the therapeutic administration of respirable gases in domiciliary, ambulance and hospital practice, for example, as the oxygen tube connectors for resuscitators and the inlets to masks or nebulizers.

Keel en

**EN 13544-3:2002/prA1**

Identne EN 13544-3:2001/prA1:2009

Tähtaeg 1.04.2009

**Respiratoorse teraapia seadmed. Osa 3: Öhuärakande seadmed**

This part of this European Standard specifies minimum performance and safety requirements for air entrainment devices used for delivery of a designated oxygen concentration to patients. It gives a test method to check the oxygen concentration in the air/oxygen mixture generated by the air entrainment device.

Keel en

**FprEN 60601-2-4**

Identne FprEN 60601-2-4:2009

ja identne IEC 60601-2-4:200X

Tähtaeg 29.04.2009

**Medical electrical equipment - Part 2-4: Particular requirements for basic safety and essential performance of cardiac defibrillators**

This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of CARDIAC DEFIBRILLATORS, hereafter referred to as ME EQUIPMENT. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this standard are not covered by specific requirements in this standard except in 7.2.13 and 8.4.1 of the general standard.

Keel en

Asendab EVS-EN 60601-2-4:2003

**FprEN 60601-2-27**

Identne FprEN 60601-2-27:2009

ja identne IEC 60601-2-27:200X

Tähtaeg 1.04.2009

**Medical electrical equipment - Part 2-27: Particular requirements for basic safety and essential performance of electrocardiographic monitoring equipment**

This Particular Standard applies to BASIC SAFETY and ESSENTIAL PERFORMANCE of ELECTROCARDIOGRAPHIC (ECG) MONITORING EQUIPMENT as defined in 201.3.63 and hereinafter also referred to as ME EQUIPMENT. This standard is applicable to ME EQUIPMENT used in a hospital environment. ME EQUIPMENT intended for use under extreme or uncontrolled environmental conditions outside the hospital environment or physician's office, such as in ambulances and air transport, and ECG telemetry systems shall comply with this particular standard. Additional standards may apply to ME EQUIPMENT for those environments of use. This standard is not applicable to electrocardiographic monitors for home use. However, MANUFACTURERS should consider using relevant clauses of this standard as appropriate for their INTENDED USE/INTENDED PURPOSE. Ambulatory ("Holter") monitors, fetal heart rate monitoring, pulse plethysmographic devices, and other ECG recording equipment are outside the scope of this particular standard.

Keel en

Asendab EVS-EN 60601-2-27:2001

**FprEN 60601-2-46**

Identne FprEN 60601-2-46:2009

ja identne IEC 60601-2-46:200X

Tähtaeg 1.04.2009

**Medical electrical equipment - Part 2-46: Particular requirements for basic safety and essential performance of operating tables**

This Particular Standard specifies safety requirements for OPERATING TABLES, whether or not having electrical parts, including TRANSPORTERS, used for the transportation of the table top to or from the base or pedestal of an OPERATING TABLE with detachable table top.

Keel en

Asendab EVS-EN 60601-2-46:2002

**FprEN ISO 8536-3**

Identne FprEN ISO 8536-3:2009

ja identne ISO/FDIS 8536-3:2009

Tähtaeg 1.04.2009

**Infusion equipment for medical use - Part 3: Aluminium caps for infusions bottles**

This part of ISO 8536 specifies aluminium caps for infusion glass bottles which are in accordance with ISO 8536-1.

Keel en

Asendab EVS-EN ISO 8536-3:2001



**FprEN ISO 10993-15**

Identne FprEN ISO 10993-15:2009

ja identne ISO 10993-15:2000

Tähtaeg 1.04.2009

**Meditiiniseadmete bioloogiline hindamine. Osa 15: Metallide ja sulamite lagusaaduste identifitseerimine ja kvantifitseerimine**

This part of ISO 10993 provides guidance on general requirements for the design of tests for identifying and quantifying degradation products from finished metallic medical devices or corresponding material samples finished as ready for clinical use. It is applicable only to those degradation products generated by chemical alteration of the finished metallic device in an in vitro accelerated degradation test. Because of the accelerated nature of these tests, the test results may not reflect the implant or material behavior in the body. The described chemical methodologies are a means to generate degradation products for further assessments. This part of ISO 10993 is not applicable to degradation products induced by applied mechanical stress.

Keel en

Asendab EVS-EN ISO 10993-15:2001

**prEN ISO 7885**

Identne prEN ISO 7885:2009

ja identne ISO/DIS 7885:2009

Tähtaeg 1.04.2009

**Dentistry - Sterile injection needles for single use**

This International Standard gives dimensional and performance requirements for sterile, single-use injection needles for dental cartridge syringes complying with ISO 9997 for injection of dental local anaesthetics. It further specifies requirements with respect to their packaging and labelling. It does not cover needles for special applications or techniques. Only the materials used for the construction of the needle tubing are specified.

Keel en

Asendab EVS-EN ISO 7885:2001

**prEN ISO 9173-2**

Identne prEN ISO 9173-2:2009

ja identne ISO/DIS 9173-2:2009

Tähtaeg 1.04.2009

**Dentistry - Extraction forceps - Part 2: Functional designation**

This part of ISO 9173 specifies the functional designation of dental extraction forceps.

Keel en

**prEN ISO 11607-1**

Identne prEN ISO 11607-1:2009

ja identne ISO 11607-1:2006

Tähtaeg 1.04.2009

**Terminaalselt steriliseeritud meditsiiniseadmete pakendid. Osa 1: Nõuded materjalile, steriilsele kaitse- ja pakendamismeetoditele**

This part of ISO 11607 specifies the requirements and test methods for materials, preformed sterile barrier systems, sterile barrier systems and packaging systems that are intended to maintain sterility of terminally sterilized medical devices until the point of use. This part of ISO 11607 is applicable to industry, to health care facilities, and wherever medical devices are placed in sterile barrier systems and sterilized. This part of ISO 11607 does not cover all requirements for sterile barrier systems and packaging systems for medical devices that are manufactured aseptically. Additional requirements might also be necessary for drug/device combinations. This part of ISO 11607 does not describe a quality assurance system for control of all stages of manufacture.

Keel en

Asendab EVS-EN ISO 11607-1:2006

**prEN ISO 11953**

Identne prEN ISO 11953:2009

ja identne ISO/DIS 11953:2009

Tähtaeg 1.04.2009

**Dentistry - The performance of hand torque instruments for the clinical tightening of screw-retained joints in endosseous dental implant systems**

This International Standard specifies the requirements and test methods for hand torque instruments used for the clinical tightening of screw-retained joints in endosseous dental implant systems. This standard does not include electronically controlled devices. The Scope clause shall appear at the beginning of each document and define without ambiguity the subject of the document and the aspects covered, thereby indicating the limits of applicability of the document or particular parts of it. It shall not contain requirements.

Keel en

**prEN ISO 15752**

Identne prEN ISO 15752:2009

ja identne ISO/DIS 15752:2009

Tähtaeg 1.04.2009

**Oftalmilised instrumendid. Endoilluminaatorid. Põhinõuded ja katsemeetodid optilise kiirguse kaitse tagamiseks**

This International Standard specifies optical radiation safety aspects of endoilluminator light sources and endoilluminator light guides which are used to illuminate the interior of the eye during ocular surgery.

Keel en

#### **prEN ISO 15883-1**

Identne prEN ISO 15883-1:2009  
ja identne ISO 15883-1:2006  
Tähtaeg 1.04.2009

#### **Pesur-desinfitseerija. Osa 1: Üldnõuded, terminid, definitsioonid ja katsed**

This part of ISO 15883 specifies general performance requirements for washer-disinfectors (WD) and their accessories that are intended to be used for cleaning and disinfection of re-usable medical devices and other articles used in the context of medical, dental, pharmaceutical and veterinary practice. It specifies performance requirements for cleaning and disinfection as well as for the accessories which can be required to achieve the necessary performance. The methods and instrumentation required for validation, routine control and monitoring and re-validation, periodically and after essential repairs, are also specified. The requirements for washer-disinfectors intended to process specific loads are specified in subsequent parts of this standard. For washer-disinfectors intended to process loads of two or more different types the requirements of all relevant parts of this standard apply.

Keel en

Asendab EVS-EN ISO 15883-1:2006

#### **prEN ISO 15883-2**

Identne prEN ISO 15883-2:2009  
ja identne ISO 15883-2:2006  
Tähtaeg 1.04.2009

#### **Pesur-desinfitseerija. Osa 2: Nõuded ja testid kirurgiainstrumentide, anesteesiaseadmete, anumate, sööginõude, kuulditorude ja klaasnõude termilise desinfektsiooni pesur-desinfitseerijatele**

This part of ISO 15883 specifies particular requirements for washer-disinfectors (WD) that are intended for use for the cleaning and thermal disinfection, in a single operating cycle, of re-usable medical devices such as surgical instruments, anaesthetic equipment, bowls, dishes and receivers, utensils and glassware.

Keel en

Asendab EVS-EN ISO 15883-2:2006

#### **prEN ISO 15883-3**

Identne prEN ISO 15883-3:2009  
ja identne ISO 15883-3:2006  
Tähtaeg 1.04.2009

#### **Pesur-desinfitseerija. Osa 3: Nõuded ja testid inimjäätmete konteinerite termilise desinfektsiooni pesur-desinfitseerijatele**

This part of ISO 15883 specifies particular requirements for washer-disinfectors (WD) that are intended to be used for emptying, flushing, cleaning and thermal disinfection of containers used to hold human waste for disposal by one operating cycle. This part of ISO 15883 is to be applied in conjunction with ISO 15883-1.

Keel en

Asendab EVS-EN ISO 15883-3:2006

#### **prEN ISO 15883-4**

Identne prEN ISO 15883-4:2009  
ja identne ISO 15883-4:2008  
Tähtaeg 1.04.2009

#### **Pesur-desinfektorid. Osa 4: Termotundlike endoskoopide keemiliseks desinfitseerimiseks kasutatavate pesurite-desinfektoritele esitatavad nõuded ja katsed**

This part of ISO 15883 specifies the particular requirements, including performance, for washer-disinfectors (WDs) that are intended to be used for cleaning and chemical disinfection of thermolabile endoscopes. This part of ISO 15883 also specifies the performance requirements for the cleaning and disinfection of the washer-disinfector and its components and accessories which may be required to achieve the necessary performance. The methods, instrumentation and instructions required for type testing, works testing, validation (installation, operational and performance qualification on first installation), routine control and monitoring and re-validation, periodically and after essential repairs, are also specified.

Keel en

Asendab EVS-EN ISO 15883-4:2008

#### **prEN ISO 28319**

Identne prEN ISO 28319:2009  
ja identne ISO/DIS 28319:2009  
Tähtaeg 1.04.2009

#### **Dentistry - Laser welding**

This International Standard specifies requirements and test methods for laser welding in the dental laboratory of materials suitable for use in metallic restorations and appliances.

Keel en

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

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS 899:2009**

Hind 105,00

#### **Kvantitatiivsed struktuur-aktiivsus analüüsid. Mudelite koostamine ja kasutamine**

Käesolev Eesti standard käsitleb ainete struktuuride ja nende omaduste vaheliste seoste analüüsi. Käesolev standard kirjeldab statistilisi ja teoreetilise keemia protseduure analüüsiks valitud uuritava aktiivsuste andmekomplekti kvantitatiivseks seostamiseks vastavate keemiliste ühendite struktuuridega, mida iseloomustatakse teoreetiliste deskriptoritega. Protseduuri tulemusel saadakse statistiline mudel, mis võimaldab ennustada käsitletavat aktiivsust teiste mudeli rakenduvuspiirkonda kuuluvate struktuuride (ainete) jaoks. Käesolev standard käsitleb nii lineaarsete kui mittelineaarsete sõltuvuste analüüsi, andes juhiseid mudelite koostamiseks ning kvaliteedi hindamiseks. Standard on rakendatav bioloogiliste, farmakoloogiliste, füüsikaliste või keemiliste aktiivsuste/omaduste analüüsil. Käesolev standard käsitleb ennekõike kolmemõõtmelisi kvantitatiivseid struktuur-aktiivsus sõltuvusi, mille eelduseks on lähtumine kolmemõõtmelistest atomistlikul tasandil struktuuridest, kuid on suures osas rakendatav ka muud tüüpi kvantitatiivsete struktuur-aktiivsus sõltuvuste korral.

Keel et

**EVS-EN 1032:2003+A1:2009**

Hind 198,00

Identne EN 1032:2003+A1:2008

**Mehaaniline vibratsioon. Liikuvate masinate testimine tekitatava vibratsiooni taseme määramiseks KONSOLIDEERITUD TEKST**

This European Standard specifies the determination of whole-body and hand-arm vibration emissions at operator position(s) during testing of mobile machinery. The purpose of this European Standard is to assist technical standardization committees responsible for specific types of machinery in preparing vibration test codes to ensure that such vibration test codes - are as homogeneous as possible with each individual test code having the same basic structure; - are in full accordance with basic standards on measurement of vibration emission; - reflect the latest technical knowledge of methods of determining the vibration emission from the specific family of machinery under consideration; - provide manufacturers with a standardized method for the determination and declaration of the vibration emission value(s) of their machinery; - enable the user of the machinery or the member of an inspection body to compare the vibration emission values of different machinery and to verify the vibration emission values provided by the manufacturer.

Keel en

Asendab EVS-EN 1032:2003

**EVS-EN 1093-1:2009**

Hind 135,00

Identne EN 1093-1:2008

**Masinate ohutus. Öhu kaudu levivate ohtlike ainete emissiooni hindamine. Osa 1: Katsemeetodite valimine**

This European Standard specifies parameters which can be used for the assessment of the emission of pollutants from machines or the performance of the pollutant control systems integrated in machines. It gives guidance on the selection of appropriate test methods according to their various fields of application and types of machines including the effects of measures to reduce exposures to pollutants. The test methods are given in additional parts of this European Standard (see Table 1 and Annex A).

Keel en

Asendab EVS-EN 1093-1:1999

**EVS-EN 13490:2002+A1:2009**

Hind 166,00

Identne EN 13490:2001+A1:2008

**Mehaaniline vibratsioon. Tööstuslikud mootorkärud. Operaatori istme vibratsiooni laboratoorne hindamine ja spetsifikatsioon KONSOLIDEERITUD TEKST**

1.1 This European Standard is applicable to operator seats used on industrial trucks as defined in ISO 5053:1987 irrespective of power supply, type of equipment, lifting mechanism and tyres. It also applies to seats for other trucks not covered by ISO 5053:1987, e.g. variable-reach trucks and lowlift order picking trucks.  
1.2 This European Standard specifies, in accordance with EN 30326-1, a laboratory method for measuring and evaluating the effectiveness of the seat suspension in reducing the vertical wholebody vibration transmitted to the operator of industrial trucks at frequencies between 1 Hz and 20 Hz.

Keel en

Asendab EVS-EN 13490:2002

**EVS-EN 14710-1:2005+A2:2009**

Hind 198,00

Identne EN 14710-1:2005+A2:2008

**Tuletõrjepumbad. Ilma eelpumbata tsentrifugaalsed tuletõrjepumbad. Osa 1: Klassifikatsioon, üldised ja ohutusnõuded KONSOLIDEERITUD TEKST**

This document applies to centrifugal pumps without priming devices for fire-fighting use designed as - floating pumps (FPN-F), - submersible pumps (FPN-S) or - boosted pumps (FPN-B). Fire-fighting centrifugal pumps without primer are defined as terminated by their inlet and outlet connections as well as by their shaft ends. This document applies for fire-fighting centrifugal pumps without priming devices for use under ambient temperatures between -15 °C and 40 °C.

Keel en

Asendab EVS-EN 14710-1:2005+A1:2008

**EVS-EN 14710-2:2005+A2:2009**

Hind 188,00

Identne EN 14710-1:2005+A2:2008

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

This document covers verification of the general and safety requirements of fire-fighting centrifugal pumps without primer as specified in #EN 14710-1\$. #NOTE The tests can also be applied to pumps with nominal delivery rates greater than 10 000 l/min.\$ This document does not apply to fire-fighting centrifugal pumps without primer that are manufactured before the date of publication by CEN of this document.

Keel en

Asendab EVS-EN 14710-2:2005+A1:2008

**EVS-EN 15507:2009**

Hind 124,00

Identne EN 15507:2008

**Packaging - Transport packaging for dangerous goods - Comparative material testing of polyethylene grades**

This European Standard specifies material parameters, test requirements and procedures for the comparative testing of grades of high molecular weight high density polyethylene (PE-HD-HMW) and medium molecular weight high density polyethylene (PE-HD-MMW), used for the manufacture of packagings and IBCs for the transport of dangerous goods. It is intended to be used in conjunction with selective testing for packagings for liquids. The standard is not intended to be used for comparative testing of recycled plastics material.

Keel en

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

Hind 59,00

Identne EN 60335-1:2002/A13:2008

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

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

Keel en

**EVS-EN 60335-2-21:2003/A2:2009**

Hind 80,00

Identne EN 60335-2-21:2003/A2:2008

ja identne IEC 60335-2-21:2002/A2:2008

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

Deals with the safety of electric storage water heaters for household and similar purposes and intended for heating water below boiling temperature, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel en

**EVS-EN 60335-2-54:2009**

Hind 178,00

Identne EN 60335-2-54:2008

ja identne IEC 60335-2-54:2008

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

This International Standard deals with the safety of electric cleaning appliances for household use that are intended for cleaning surfaces such as windows, walls and empty swimming pools by using liquid cleansing agents or steam, their rated voltage being not more than 250 V. It also covers wallpaper strippers.

Keel en

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

**EVS-EN ISO 11553-1:2009**

Hind 155,00

Identne EN ISO 11553-1:2008

ja identne ISO 11553-1:2005

**Masinate ohutus. Lasertööluseseadmed. Osa 1: Üldised ohutusnõuded**

This part of ISO 11553 describes hazards generated by laser processing machines, as defined in 3.2, and specifies the safety requirements relating to radiation hazards and hazards generated by materials and substances. It also specifies the information to be supplied by the manufacturers of such equipment. Requirements dealing with noise as a hazard from laser processing machines are not included in this part of ISO 11553. They will be included in a subsequent amendment. This part of ISO 11553 is not applicable to laser products, or equipment containing such products, which are manufactured solely and expressly for the following applications: - photolithography; - stereolithography; - holography; - medical applications (per IEC 60601-2-22); - data storage.

Keel en

Asendab EVS-EN ISO 11553-1:2005

**EVS-EN ISO 11553-2:2009**

Hind 178,00

Identne EN ISO 11553-2:2008

ja identne ISO 11553-2:2007

**Masinate ohutus. Lasertööluseseadmed. Osa 2: Käeshoitavate lasertööluseseadmete ohutusnõuded (ISO 11553-2:2007)**

This part of ISO 11553 specifies the requirements for laser processing devices, as defined in ISO 11553-1, which are hand-held or hand-operated. The purpose of this part of ISO 11553 is to draw attention to the particular hazards related to the use of hand-held laser and hand-operated laser processing devices and to prevent personal injury. This includes both the areas of hazard analysis and risk assessment as well as protective measures. Requirements concerning noise as a hazard are not included in this part of ISO 11553. These requirements are to be included in a subsequent amendment. This part of ISO 11553 does not apply to laser products or equipment manufactured solely or expressly for applications which are excluded from the scope of ISO 11553-1.

Keel en

Asendab EVS-EN ISO 11553-2:2007

**EVS-EN ISO 15011-4:2006/A1:2009**

Hind 68,00

Identne EN ISO 15011-4:2006/A1:2008

ja identne ISO 15011-4:2006/Amd 1:2008

**Keevitus- ja seonduvate protsesside töötervishoiu- ja ohutusnõuded. Laborimeetodid proovide võtmiseks aurudest ja gaasidest. Osa 4: Aurude andmelehed**

This part of ISO 15011 covers health and safety in welding and allied processes. It specifies requirements for determination of the emission rate and chemical composition of welding fume in order to prepare fume data sheets.

Keel en

## **EVS-ISO 14025:2009**

Hind 178,00

ja identne ISO 14025:2006

### **Keskkonnavalased sildid ja deklaratsioonid. Liigi III keskkonnavalased deklaratsioonid. Põhimõtted ja protseduurid**

Käesolev rahvusvaheline standard paneb aluse liigi III keskkonnavalase deklaratsiooni programmide ja liigi III keskkonnavalaste deklaratsioonide põhiprintsiipidele ning täpsustab nende arendamise protseduure. Täpsemalt määratleb see ISO 14040 seeria standardite kasutamise liigi III keskkonnavalase deklaratsiooni programmide ja liigi III keskkonnavalaste deklaratsioonide arendamisel. Standardis ISO 14020 toodu täiendusena määratleb käesolev rahvusvaheline standard põhiprintsiibid keskkonnavalase informatsiooni kasutamiseks. Käesolevas rahvusvahelises standardis kirjeldatud liigi III keskkonnavalased deklaratsioonid on mõeldud eelkõige kahe ettevõtte vahelises suhtlemises, kuid samas ei ole välistatud nende teatud tingimustel kasutamine ettevõtte ja kliendi vahelises suhtlemises. See rahvusvaheline standard ei tühista ega muuda mingil viisil seaduslikult nõutud keskkonna-alast informatsiooni, nõudeid, sildistamist või muid kehtivaid õiguslikke tingimusi. Käesolev rahvusvaheline standard ei sisalda sektoripõhiseid tingimusi, mida võidakse puudutada teistes ISO dokumentides. Sektoripõhised tingimused teistes ISO dokumentides, mis on seotud liigi III keskkonnavalaste deklaratsioonidega, peavad rajanema ja kasutama käesoleva rahvusvahelise standardi põhimõtteid ja protseduure.

Keel en

## **ASENDATUD VÕI TÜHISTATUD STANDARDID**

### **EVS-EN 1032:2003**

Identne EN 1032:2003

#### **Mehaaniline vibratsioon. Liikuvate masinate testimine tekitatava vibratsiooni taseme määramiseks**

This European Standard specifies the determination of whole-body and hand-arm vibration emissions at operator position(s) during testing of mobile machinery. The purpose of this European Standard is to assist technical standardization committees responsible for specific types of machinery in preparing vibration test codes to ensure that such vibration test codes are as homogeneous as possible with each individual test code having the same basic structure; are in full accordance with basic standards on measurement of vibration emission

Keel en

Asendab EVS-EN 1032:1999

Asendatud EVS-EN 1032:2003+A1:2009

### **EVS-EN 1093-1:1999**

Identne EN 1093-1:1998

#### **Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine. Osa 1: Katsemeetodite valimine**

Käesolev Euroopa standard määrab kindlaks parameetrid, mida saab kasutada seadmetest väljuvate saasteainete emissiooni või seadmetesse sisseehitatud saastekontrollsüsteemide tõhususe hindamiseks; annab juhiseid sobivate testimismeetodite valimiseks vastavalt nende erinevatele kasutusvaldkondadele ja seadmete tüüpidele, kaasa arvatud abinõude rakendamine saasteainete toime vähendamiseks. Testimismeetodid on antud seda standardit täiendavates osades (vt. tabelit 1 ja lisa A).

Keel en

Asendatud EVS-EN 1093-1:2009

### **EVS-EN 13490:2002**

Identne EN 13490:2001

#### **Mehaaniline vibratsioon. Tööstuslikud mootorkärad. Operaatori istme vibratsiooni laboratoorne hindamine ja spetsifikatsioon**

This European Standard is applicable to operator seats used on industrial trucks as defined in ISO 5053 irrespective of power supply, type of equipment, lifting mechanism and tyres. It also applies to seats for other trucks not covered by ISO 5053, e.g. variable-reach trucks and low-lift order picking trucks.

Keel en

Asendatud EVS-EN 13490:2002+A1:2009

### **EVS-EN 14710-1:2005+A1:2008**

Identne EN 14710-1:2005+A1:2008

#### **Tuletõrjepumbad. Ilma eelpumbata tsentrifugaalsed tuletõrjepumbad. Osa 1: Klassifikatsioon, üldised ja ohutusnõuded KONSOLIDEERITUD TEKST**

This document applies to centrifugal pumps without priming devices for fire-fighting use designed as - floating pumps (FPN-F), - submersible pumps (FPN-S) or - boosted pumps (FPN-B). Fire-fighting centrifugal pumps without primer are defined as terminated by their inlet and outlet connections as well as by their shaft ends. This document applies for fire-fighting centrifugal pumps without priming devices for use under ambient temperatures between -15 °C and 40 °C.

Keel en

Asendab EVS-EN 14710-1:2005

Asendatud EVS-EN 14710-1:2005+A2:2009

### **EVS-EN 14710-2:2005+A1:2008**

Identne EN 14710-2:2005+A1:2008

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

This document covers verification of the general and safety requirements of fire-fighting centrifugal pumps without primer as specified in EN 14710-1:2005+A1. NOTE The tests can also be applied to pumps with nominal delivery rates greater than 6 000 l/min. This document does not apply to fire-fighting centrifugal pumps without primer that are manufactured before the date of publication by CEN of this document.

Keel en

Asendab EVS-EN 14710-2:2005

Asendatud EVS-EN 14710-2:2005+A2:2009

**EVS-EN 60335-2-54:2003**

Identne EN 60335-2-54:2003  
ja identne IEC 60335-2-54:2002

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

Deals with the safety of electric cleaning appliances for household use that are intended for cleaning surfaces such as windows, walls, and empty swimming pools by use of liquid cleansing agents or steam. The rated voltage of the appliance being not more than 250 V. The appliance may incorporate heating elements or means for pressurising the liquid container

Keel en

Asendab EVS-EN 60335-2-54:2001  
Asendatud EVS-EN 60335-2-54:2009

**EVS-EN 60335-2-54:2003/A11:2006**

Identne EN 60335-2-54:2003/A11:2006

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

Deals with the safety of electric cleaning appliances for household use that are intended for cleaning surfaces such as windows, walls, and empty swimming pools by use of liquid cleansing agents or steam. The rated voltage of the appliance being not more than 250 V. The appliance may incorporate heating elements or means for pressurising the liquid container

Keel en

Asendatud EVS-EN 60335-2-54:2009

**EVS-EN 60335-2-54:2003/A2:2007**

Identne EN 60335-2-54:2003/A2:2007  
ja identne IEC 60335-2-54:2002/A2:2007

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

Deals with the safety of electric cleaning appliances for household use that are intended for cleaning surfaces such as windows, walls, and empty swimming pools by use of liquid cleansing agents or steam. The rated voltage of the appliance being not more than 250 V. The appliance may incorporate heating elements or means for pressurising the liquid container

Keel en

Asendatud EVS-EN 60335-2-54:2009

**EVS-EN 60335-2-54:2003/A1:2004**

Identne EN 60335-2-54:2003/A1:2004  
ja identne IEC 60335-2-54:2002/A1:2004

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

Deals with the safety of electric cleaning appliances for household use that are intended for cleaning surfaces such as windows, walls, and empty swimming pools by use of liquid cleansing agents or steam. The rated voltage of the appliance being not more than 250 V. The appliance may incorporate heating elements or means for pressurising the liquid container

Keel en

Asendatud EVS-EN 60335-2-54:2009

**EVS-EN ISO 11553-1:2005**

Identne EN ISO 11553-1:2005  
ja identne ISO 11553-1:2005

**Masinate ohutus. Lasertööluseseadmed. Osa 1:  
Üldised ohutusnõuded**

This part of ISO 11553 describes hazards generated by laser processing machines, as defined in 3.2, and specifies the safety requirements relating to radiation hazards and hazards generated by materials and substances. It also specifies the information to be supplied by the manufacturers of such equipment.

Keel en

Asendab EVS-EN 12626:1999

Asendatud EVS-EN ISO 11553-1:2009

**EVS-EN ISO 11553-2:2007**

Identne EN ISO 11553-2:2007  
ja identne ISO 11553-2:2007

**Masinate ohutus. Lasertööluseseadmed. Osa 2:  
Käeshoitavate lasertööluseseadmete ohutusnõuded  
(ISO 11553-2:2007)**

This part of ISO 11553 specifies the requirements for laser processing devices, as defined in ISO 11553-1, which are hand-held or hand-operated. The purpose of this part of ISO 11553 is to draw attention to the particular hazards related to the use of hand-held laser and hand-operated laser processing devices and to prevent personal injury. This includes both the areas of hazard analysis and risk assessment as well as protective measures. Requirements concerning noise as a hazard are not included in this part of ISO 11553. These requirements are to be included in a subsequent amendment. This part of ISO 11553 does not apply to laser products or equipment manufactured solely or expressly for applications which are excluded from the scope of ISO 11553-1.

Keel en

Asendatud EVS-EN ISO 11553-2:2009

**KAVANDITE ARVAMUSKÜSITLUS****EN 1837:1999/prA1**

Identne EN 1837:1999/prA1:2009  
Tähtaeg 1.04.2009

**Masinate ohutus. Masinate tervikvalgustus**

This standard specifies the parameters of integral lighting systems designed to provide illumination in and/or at both stationary and mobile machines to enable the safe use of the machine and the efficient performance of the visual task within and/or at the machine to be carried out. This standard does not specify lighting systems mounted on the machine to specifically illuminate visual tasks outside the machine. The function and requirements of these systems are specified in the European Standard dealing with the lighting of work places. This European Standard is under preparation. This standard does not establish additional requirements for the operation of lighting systems - in severe conditions (extreme environmental conditions such as freezer applications, high temperatures, etc.); - subject to special rules (e.g. explosive atmospheres); - where the transmittance is reduced by environmental conditions, such as smoke, splashing etc.

Keel en

**EN 14034-1:2004/prA1**

Identne EN 14034-1:2004/prA1:2009

Tähtaeg 1.04.2009

**Tolmupilvede plahvatusomaduste kindlaksmääramine. Osa 1: Tolmupilvede maksimaalse plahvatusrõhu (p<sub>max</sub>) kindlaksmääramine**

This standard describes a test method for the determination of the maximum explosion pressure of dust clouds in a closed vessel under defined initial conditions of pressure and temperature. This method is not suitable for use with recognised explosives, like gunpowder and dynamite, substances which do not require oxygen for combustion, pyrophoric substances, or substances or mixtures of substances which may under some circumstances behave in a similar manner. Where any doubt exists about the existence of hazard due to explosive properties, expert advice should be sought.

Keel en

**EN 14034-2:2006/prA1**

Identne EN 14034-2:2006/prA1:2009

Tähtaeg 1.04.2009

**Tolmupilvede plahvatusomaduste kindlaksmääramine. Osa 2: Tolmupilvede maksimaalse plahvatusrõhu (dp/dt)<sub>max</sub> kindlaksmääramine**

This standard describes a test method for the determination of the maximum rate of explosion pressure rise of dust clouds in a closed vessel under defined initial conditions of pressure and temperature.

Keel en

**EN 14034-3:2006/prA1**

Identne EN 14034-3:2006/prA1:2009

Tähtaeg 1.04.2009

**Tolmupilvede plahvatusomaduste kindlaksmääramine. Osa 3: Tolmupilvede madalaima plahvatusmäära LEL kindlaksmääramine**

This standard describes a test method for the determination of the lower explosion limit of dust clouds in a closed vessel under defined initial conditions of pressure and temperature.

Keel en

**EN 14034-4:2004/prA1**

Identne EN 14034-4:2004/prA1:2009

Tähtaeg 1.04.2009

**Tolmupilvede plahvatusomaduste kindlaksmääramine. Osa 4: Hapniku piirkontsentratsiooni (LOC) kindlaksmääramine tolmuilvedes**

This standard describes a test method for the determination of the limiting oxygen concentration of dust clouds in a closed vessel under defined initial conditions of pressure and temperature. This method is not suitable for use with recognised explosives, like gunpowder and dynamite, substances which do not require oxygen for combustion, pyrophoric substances, or substances or mixtures of substances which may under some circumstances behave in a similar manner. Where any doubt exists about the existence of hazard due to explosive properties, expert advice should be sought.

Keel en

**EN 60335-2-60:2003/FprAA**

Identne EN 60335-2-60:2003/FprAA:2009

Tähtaeg 29.04.2009

**Household and similar electrical appliances - Safety - Part 2-60: Particular requirements for whirlpool baths and whirlpool spas**

This standard deals with the safety of electric whirlpool baths for indoor use, for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard also applies to appliances for circulating air or water in conventional baths.

Keel en

**EN ISO 13982-1:2005/prA1**

Identne EN ISO 13982-1:2004/prA1:2009

ja identne ISO 13982-1:2004/DAM 1:2009

Tähtaeg 1.04.2009

**Tahkete aineosakeste vastane kaitseriietus. Osa 1: Nõuded kemikaalide eest kaitsvale riietusele, mis tagab kogu keha kaitse lendlevate aineosakeste eest**

This part of ISO 13982 specifies the minimum requirements for chemical protective clothing resistant to penetration by airborne solid particles (type 5). These garments are full-body protective clothing, i.e. covering trunk, arms and legs, such as one-piece coveralls or two piece suits, with or without hood or visors, with or without foot protection. Requirements for component parts, such as hoods, gloves, boots, visors or respiratory protective equipment might be specified in other International and European Standards.

Keel en

**FprEN 60332-3-10**

Identne FprEN 60332-3-10:2009

ja identne IEC 60332-3-10:2000 + A1:2008

Tähtaeg 1.04.2009

**Tests on electric and optical fibre cables under fire conditions - Part 3-10: Test for vertical flame spread of vertically-mounted bunched wires or cables - Apparatus**

The series of International Standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-1:2002

**FprEN 60332-3-21**

Identne FprEN 60332-3-21:2009

ja identne IEC 60332-3-21:2000

Tähtaeg 1.04.2009

**Kaablite ühtsed tulekatsetusmeetodid. Leegi vertikaalse leviku katse vertikaalselt paigaldatud kimpjuhtmete või -kaablite korral. Osa 2-1: Protseduurid. Kategooria A F/R**

The series of International Standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-1:2002

**FprEN 60332-3-22**

Identne FprEN 60332-3-22:2009  
ja identne IEC 60332-3-22:2000 + A1:2008  
Tähtaeg 1.04.2009

**Tests on electric and optical fibre cables under fire conditions - Part 3-22: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A**

The series of International Standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-2:2002

**FprEN 60332-3-23**

Identne FprEN 60332-3-23:2009  
ja identne IEC 60332-3-23:2000 + A1:2008  
Tähtaeg 1.04.2009

**Tests on electric and optical fibre cables under fire conditions - Part 3-23: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category B**

The series of International standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-3:2002

**FprEN 60332-3-24**

Identne FprEN 60332-3-24:2009  
ja identne IEC 60332-3-24:2000 + A1:2008  
Tähtaeg 1.04.2009

**Tests on electric and optical fibre cables under fire conditions - Part 3-24: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category C**

The series of International Standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-4:2002

**FprEN 60332-3-25**

Identne FprEN 60332-3-25:2009  
ja identne IEC 60332-3-25:2000 + A1:2008  
Tähtaeg 1.04.2009

**Tests on electric and optical fibre cables under fire conditions - Part 3-25: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category D**

The series of International standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-5:2002

**FprEN 60335-2-4/FprAA**

Identne FprEN 60335-2-4:2008/FprAA:2009  
Tähtaeg 1.04.2009

**Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors**

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

Keel en

**FprEN 61340-5-3**

Identne FprEN 61340-5-3:2009  
ja identne IEC 61340-5-3:200X  
Tähtaeg 29.04.2009

**Electrostatics - Part 5-3: Protection of electronic devices from electrostatic phenomena - Properties and requirements classifications for packaging intended for electrostatic discharge sensitive devices**

This standard defines the ESD protective packaging properties needed to protect Electrostatic Discharge Sensitive Devices (ESDS) through all phases of production, transport and storage. Test methods are referenced to evaluate packaging and packaging materials for these product and material properties. Performance limits are provided. This document does not address protection from EMI (Electromagnetic Interference), RFI (Radio Frequency Interference), EMP (Electromagnetic Pulsing) or protection of volatile materials.

Keel en

**prEN 1047-2**

Identne prEN 1047-2:2009  
Tähtaeg 1.04.2009

**Secure storage units - Classification and methods of test for resistance to fire - Part 2: Data rooms and data containers**

This Part of the European Standard EN 1047 specifies requirements for data rooms and data containers. It includes a method of test for the determination of the ability of data rooms and data containers to protect temperature and humidity sensitive data media (see 3.5) and hardware systems (see 3.6) from the effects of fire. A test method for measuring the resistance to mechanical stress (impact test) provided by data rooms type B and data containers is also specified.

Keel en

Asendab EVS-EN 1047-2:2000



**prEN 15254-2**

Identne prEN 15254-2:2009

Tähtaeg 1.04.2009

**Extended application of results from fire resistance tests - Non-loadbearing walls - Part 2: Masonry and Gypsum Blocks**

This document provides guidance, and where appropriate defines procedures, for variations of products and element construction parameters related to the design of internal and external non-loadbearing walls made of clay units, calcium silicate units, aggregate concrete units, autoclaved aerated concrete units and gypsum blocks with different types of mortar that have been tested in accordance with EN 1364-1.

Manufactured stone masonry units according to EN 771-5 are not covered.

Keel en

**prEN 15518-1**

Identne prEN 15518-1:2009

Tähtaeg 1.04.2009

**Winter maintenance equipment - Road weather information systems - Part 1: Global definitions and components**

This European Standard defines the "Road Weather Information Systems" (RWIS) concept for public roads and traffic surfaces. This standard applies to the acquisition of data on weather-related road and environment conditions as well as their forecast. This information is typically used for road maintenance and can serve other systems like traffic management, road users information, data models, etc.

Keel en

**prEN 15518-2**

Identne prEN 15518-2:2009

Tähtaeg 1.04.2009

**Winter maintenance equipment - Road weather information systems - Part 2: Road weather - Recommended observation and forecast**

This European Standard specifies the frequency, resolution and content of road weather observation and forecast products for a Road Weather Information Systems (RWIS).

Keel en

**prEN 15518-3**

Identne prEN 15518-3:2009

Tähtaeg 1.04.2009

**Winter maintenance equipment - Road weather information systems - Part 3: Requirements on measured values of stationary equipments**

This European Standard specifies the terminology and performance requirements for all components of a stationary equipment within a Road Weather Information Systems (RWIS).

Keel en

**prEN ISO 9920**

Identne prEN ISO 9920:2009

ja identne ISO 9920:2007 (Corrected version 2008-11-01)

Tähtaeg 1.04.2009

**Ergonomics of the thermal environment - Estimation of thermal insulation and water vapour resistance of a clothing ensemble**

This International Standard specifies methods for estimating the thermal characteristics (resistance to dry heat loss and evaporative heat loss) in steady-state conditions for a clothing ensemble based on values for known garments, ensembles and textiles. It examines the influence of body movement and air penetration on the thermal insulation and water vapour resistance. This International Standard does not - deal with other effects of clothing, such as adsorption of water, buffering or tactile comfort, - take into account the influence of rain and snow on the thermal characteristics, - consider special protective clothing (water-cooled suits, ventilated suits, heated clothing), or - deal with the separate insulation on different parts of the body and discomfort due to the asymmetry of a clothing ensemble.

Keel en

Asendab EVS-EN ISO 9920:2007

**prEN ISO 11925-2**

Identne prEN ISO 11925-2:2009

ja identne ISO/DIS 11925-2:2009

Tähtaeg 1.04.2009

**Tuletundlikkuse katsed. Ehitusmaterjalide süttivustundlikkus kokkupuutel otsese leegiga. Osa 2: Väikese leegi katse**

This International Standard specifies a method of test for determining the ignitability of products by direct small flame impingement under zero impressed irradiance using specimens tested in a vertical orientation. The products that melt and shrink away from the flame without being ignited may be addressed by the additional procedure given in annex A. Information on the precision of the test method is given in annex B.

Keel en

Asendab EVS-EN ISO 11925-2:2007

## **prEN ISO 14855-2**

Identne prEN ISO 14855-2:2009  
ja identne ISO 14855-2:2007  
Tähtaeg 1.04.2009

### **Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions - Method by analysis of evolved carbon dioxide - Part 2: Gravimetric measurement of carbon dioxide evolved in a laboratory-scale test**

This part of ISO 14855 specifies a method for determining the ultimate aerobic biodegradability of plastic materials under controlled composting conditions by gravimetric measurement of the amount of carbon dioxide evolved. The method is designed to yield an optimum rate of biodegradation by adjusting the humidity, aeration and temperature of the composting vessel. The method applies to the following materials: - natural and/or synthetic polymers and copolymers, and mixtures of these; - plastic materials that contain additives such as plasticizers or colorants; - water-soluble polymers; - materials that, under the test conditions, do not inhibit the activity of micro-organisms present in the inoculum. If the test material inhibits micro-organisms in the inoculum, another type of mature compost or pre-exposure compost can be used.

Keel en

## **17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED**

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **CEN ISO/TS 12781-1:2007**

Hind 135,00  
Identne CEN ISO/TS 12781-1:2007  
ja identne ISO/TS 12781-1:2003

#### **Geometrical product specifications (GPS) - Flatness - Part 1: Vocabulary and parameters of flatness**

This part of ISO/TS 12781 defines the terms and concepts related to flatness of individual complete integral features only.

Keel en

## **EVS-EN 1299:1999+A1:2009**

Hind 155,00  
Identne EN 1299:1997+A1:2008

### **Mehaaniline võnkumine ja löök. Seadmete vibroisoleerimine. Teave vibratsiooniallika isoleerimise kohta KONSOLIDEERITUD TEKST**

This European Standard gives guidelines to ensure that manufacturers of machines provide adequate information on application of vibration isolation to reduce the risks arising from vibration generated by their machines. Guidelines are also provided to ensure that users furnish sufficient information regarding their applications to suppliers of machines or, where applicable, to the supplier of the isolation system, to enable the optimum selection and design of vibration isolation. This European Standard is restricted to source isolation. Although this standard is primarily intended for the use of new machines, it may be applied to the installation of used machines, too. This European Standard is addressed to manufacturers and installers of a machine, as a guide to define relevant parameters for the choice and installation of a vibration isolation system to be used with the machine.

Keel en

Asendab EVS-EN 1299:1999

#### **EVS-EN 50413:2009**

Hind 243,00  
Identne EN 50413:2008

#### **Inimesele toimivate elektri-, magnet- ja elektromagnetväljade (0 Hz kuni 300 GHz) mõõtmis- ja arvutusviiside põhistandard**

This European Standard gives elements to establish methods for measurement and calculation of quantities associated with the assessment of human exposure to electric, magnetic and electromagnetic fields (EMF) in the frequency range from 0 Hz to 300 GHz. The major intention of this Basic Standard is to give the common background and information to relevant EMF standards. This Basic Standard cannot go into details extensively due to the broad frequency range and the huge amount of possible applications. Therefore it is not possible to specify detailed calculation or measurement procedures in this Basic Standard. This standard provides general procedures only for those product and workplace categories for which there do not exist any relevant assessment procedures in any existing European EMF basic standard.

Keel en

**EVS-EN 50499:2009**

Hind 229,00

Identne EN 50499:2008

**Töötajale toimiva elektromagnetvälja määramine**

The scope of this European Standard is to provide a general procedure in order to assess workers' exposure to electric, magnetic and electromagnetic fields in a work place to demonstrate compliance with exposure limit values and action values as stated in the Council and European Parliament Directive 2004/40/EC. The purpose of this European Standard is to - specify how to perform an initial assessment of the levels of workers' exposure to electromagnetic fields (EMF), if necessary including specific exposure assessment of such levels by measurements and/or calculations, - determine whether it is necessary to carry out a detailed risk assessment of EMF exposure. This European Standard can be used by employers for the risk assessment and, where required, measurement and/or calculation of the exposure of workers. Based on specific workplace standards it can be determined whether preventive measures/actions must be taken to comply with the provisions of the Directive. The frequencies covered are from 0 Hz to 300 GHz.

Keel en

**EVS-EN 60404-4:2002/A2:2009**

Hind 80,00

Identne EN 60404-4:1997/A2:2008

ja identne IEC 60404-4:1995/A2:2008

**Magnetic materials -- Part 4: Methods of measurement of d.c. magnetic properties of magnetically soft materials**

This part of IEC 404 specifies the methods of measuring the d.c. magnetic properties of iron and steel in a closed magnetic circuit using either the ring or the permeameter methods.

Keel en

**EVS-EN 62431:2009**

Hind 256,00

Identne EN 62431:2008

ja identne IEC 62431:2008

**Reflectivity of electromagnetic wave absorbers in millimetre wave frequency - Measurement methods**

This International Standard specifies the measurement methods for the reflectivity of electromagnetic wave absorbers (EMA) for the normal incident, oblique incident and each polarized wave in the millimetre-wave range. In addition, these methods are also equally effective for the reflectivity measurement of other materials: - measurement frequency range: 30 GHz to 300 GHz; - reflectivity: 0 dB to -50 dB; - incident angle: 0° to 80°.

Keel en

**EVS-EN ISO 3822-1:1999/A1:2009**

Hind 80,00

Identne EN ISO 3822-1:1999/A1:2008

ja identne ISO 3822-1:1999/Amd 1:2008

**Akustika. Veevarustussüsteemis kasutatava seadiste ja seadmete poolt tekitatava müra laboratoorne katsetamine. Osa 1: Mõõtemetod**

Standardi ISO 3822 käesolev osa määrab kindlaks laboratoorse meetodi sellise müra mõõtmiseks, mis on põhjustatud vee voolamisest läbi veevarustussüsteemides kasutatavate seadiste ja seadmete. Standardiga hõlmatud artiklid on tühjenduskraanid, liiniventilid ja spetsiaalseadised, nagu näiteks survereduktorid ja veesoojendamiseadmed. See kindlaksmääratud meetod võimaldab eri laborites saada võrreldavaid mõõtmistulemusi.

Keel en

**ASENDATUD VÕI TÜHISTATUD STANDARDID****EVS-EN 1299:1999**

Identne EN 1299:1997

**Mehaaniline võnkumine ja löök. Seadmete vibroisoleerimine. Teave vibratsiooniallika isoleerimise kohta**

Selles standardis antud juhiste abil saab tagada, et seadmete tootjad esitaksid küllaldast teavet vibroisoleerimise kasutamise kohta nende toodetud seadmetel.

Keel en

Asendatud EVS-EN 1299:1999+A1:2009

**KAVANDITE ARVAMUSKÜSITLUS****EN 12470-1:2000/prA1**

Identne EN 12470-1:2000/prA1:2009

Tähtaeg 1.04.2009

**Kliinilised termomeetrid. Osa 1:****Maksimumseadmega metalded vedeliktermomeetrid**

This part of the standard specifies performance requirements and test methods for clinical liquid-in-glass thermometers with maximum device and applies only to thermometers filled with metallic liquid.

Keel en

**EN 12470-2:2001/prA1**

Identne EN 12470-2:2000/prA1:2009

Tähtaeg 1.04.2009

**Kliinilised termomeetrid. Osa 2: Faasimuundurtüüpi (punktmaatriks) termomeetrid**

This part of the standard specifies performance requirements and test methods for phase change-type (dot matrix) thermometers for measuring temperature in body cavities. NOTE: A body cavity can be the mouth, rectum or armpit. The standard does not apply to clinical thermometers designed for special applications (e.g. thermometers for hypothermia) which owing to their measurement range, scale interval or maximum permissible error do not meet the requirements specified in this standard.

Keel en

### **EN 12470-3:2000/prA1**

Identne EN 12470-3:2000/prA1:2009

Tähtaeg 1.04.2009

#### **Kliinilised termomeetrid. Osa 3:**

#### **Maksimumseadmega kompaksete (mitteennetavate ja ennetavate) elektritermomeetrite jõudlus**

This part of the standard specifies the performance requirements for compact clinical electrical thermometers with maximum device (non-predictive and predictive). Concerning clinical electrical thermometers with maximum device equipped with exchangeable temperature probes the metrological and technical requirements for the indicating unit and the exchangeable probes are described in prEN 12470-4.

Keel en

### **EN 12470-4:2001/prA1**

Identne EN 12470-4:2000/prA1:2009

Tähtaeg 1.04.2009

#### **Kliinilised termomeetrid. Osa 4: Pidev mõõtmisega elektritermomeetrite jõudlus**

This part of the Standard specifies the metrological and technical requirements for electrical thermometers for continuous measurements. This European Standard applies to devices that are operated by an electrical power supply either by mains or internal power sources.

Keel en

### **FprEN 61010-2-030**

Identne FprEN 61010-2-030:2009

ja identne IEC 61010-2-030:200X

Tähtaeg 1.04.2009

#### **Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-030: Particular requirements for testing and measuring circuits**

This part of IEC 61010 specifies safety requirements for testing and measuring circuits which are connected for test or measurement purposes to devices or circuits outside the measurement equipment itself. These include measurement circuits which are part of electrical test and measurement equipment, laboratory equipment, or process control equipment. The existence of these circuits in equipment requires additional protective means between the circuit and an OPERATOR.

Keel en

### **FprEN 61788-8**

Identne FprEN 61788-8:2009

ja identne IEC 61788-8:200X

Tähtaeg 1.04.2009

#### **Superconductivity - Part 8: AC loss measurements - Total AC loss measurement of round superconducting wires exposed to a transverse alternating magnetic field at liquid helium temperature by a pickup coil method**

This part of IEC 61788-8 specifies the measurement method of total AC losses by the pickup coil method in composite superconducting wires exposed to a transverse alternating magnetic field. The losses may contain hysteresis, coupling and eddy current losses. The standard method to measure only the hysteresis loss in DC or low-sweep-rate magnetic field is specified in IEC 61788-13 [2].

Keel en

Asendab EVS-EN 61788-8:2003

### **prEN 15892**

Identne prEN 15892:2009

Tähtaeg 1.04.2009

#### **Railway applications - Noise Emission - Measurement of noise inside driver's cabs**

This European standard specifies a type test method to measure noise levels inside the driving cabs of railway vehicles for assessing compliance with the relevant requirements of the Conventional Rail Noise Technical Specification for Interoperability (TSI) and the High-Speed Rolling Stock TSI. This method is applicable to: - The measurement of noise resulting from the sounding of external warning horns when the vehicle is stationary; - the measurement of noise while the vehicle is running. The method is not applicable to: - The measurement of the noise from internal and external audible devices other than external warning horns; - routine monitoring of the noise exposure of train crew. The test procedures specified in this European Standard are of engineering grade (grade 2) with a precision of  $\pm 2$  dB, which is the preferred method for noise declaration purposes, as defined in EN ISO 12001.

Keel en

## **19 KATSETAMINE**

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS-EN 583-6:2009**

Hind 166,00

Identne EN 583-6:2008

#### **Non-destructive testing - Ultrasonic examination - Part 6: Time-of-flight diffraction technique as a method for detection and sizing of discontinuities**

This European Standard defines the general principles for the application of the Time-Of-Flight Diffraction (TOFD) technique for both detection and sizing of discontinuities in low alloyed carbon steel components. It could also be used for other types of materials, provided the application of the TOFD technique is performed with necessary consideration of geometry, acoustical properties of the materials and the sensitivity of the examination.

Keel en

#### **EVS-EN 15305:2008/AC:2009**

Hind 0,00

Identne EN 15305:2008/AC:2009

#### **Non-destructive Testing - Test Method for Residual Stress analysis by X-ray Diffraction**

Keel en

#### **EVS-EN 62431:2009**

Hind 256,00

Identne EN 62431:2008

ja identne IEC 62431:2008

#### **Reflectivity of electromagnetic wave absorbers in millimetre wave frequency - Measurement methods**

This International Standard specifies the measurement methods for the reflectivity of electromagnetic wave absorbers (EMA) for the normal incident, oblique incident and each polarized wave in the millimetre-wave range. In addition, these methods are also equally effective for the reflectivity measurement of other materials: - measurement frequency range: 30 GHz to 300 GHz; - reflectivity: 0 dB to -50 dB; - incident angle: 0° to 80°.

Keel en

### **EVS-EN ISO 3452-5:2009**

Hind 105,00

Identne EN ISO 3452-5:2008

ja identne ISO 3452-5:2008

#### **Mittepurustav katsetamine. Defektoskoopilised katsed. Osa 5: Defektoskoopia temperatuuridel üle 50 kraadi C**

This part of ISO 3452 specifies the testing requirements particular to applications at higher temperatures (over 50 °C) and also the method for qualification of suitable testing products. It applies only to materials qualified for the relevant temperature range used in accordance with the manufacturer's instructions.

Keel en

### **EVS-EN ISO 3452-6:2009**

Hind 92,00

Identne EN ISO 3452-6:2008

ja identne ISO 3452-6:2008

#### **Mittepurustav katsetamine. Defektoskoopilised katsed. Osa 6: Defektoskoopia temperatuuridel alla 10 kraadi C**

This part of ISO 3452 specifies the testing requirements particular to applications at low temperatures (lower than + 10 °C) as well as the method for qualification of suitable testing products. It applies only to materials qualified for the relevant temperature range used in accordance with the manufacturer's instructions.

Keel en

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **EN 60112:2003/FprA1**

Identne EN 60112:2003/FprA1:2009

ja identne IEC 60112:2003/A1:200X

Tähtaeg 1.04.2009

#### **Method for the determination of the proof and the comparative tracking indices of solid insulating materials**

Specifies the method of test for the determination of the proof and comparative tracking indices of solid insulating materials on pieces taken from parts of equipment and on plaques of material using alternating voltages. The standard provides for the det

Keel en

#### **FprEN 61010-1**

Identne FprEN 61010-1:2009

ja identne IEC 61010-1:200X

Tähtaeg 1.04.2009

#### **Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 1: Üldnõuded**

This part of IEC 61010 specifies general safety requirements for the following types of electrical equipment and their accessories, wherever they are intended to be used.

Keel en

Asendab EVS-EN 61010-1:2002

### **prEN 13477-2**

Identne prEN 13477-2:2009

Tähtaeg 1.04.2009

#### **Non-destructive testing - Acoustic emission - Equipment characterisation - Part 2: Verification of operating characteristic**

This part of the standard specifies methods for routine verification of the performance of AE equipment comprising one or more sensing channels. It is intended for use by operators of the equipment under laboratory conditions. Verification of the measurement characteristics is recommended after purchase of equipment, modifications, use under extraordinary conditions, or if one suspects a malfunction. The procedures described in this Standard do not exclude other qualified methods.

Keel en

Asendab EVS-EN 13477-2:2001

## **21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD**

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS-EN 15800:2009**

Hind 145,00

Identne EN 15800:2008

#### **Cylindrical helical springs made of round wire - Quality specifications for cold coiled compression springs**

This European Standard applies to cylindrical helical compression springs made of round spring wire. Cold coiled compression springs can be made with wire up to about 16 mm diameter. (See also EN 13906-1).

Keel en

#### **EVS-ISO 7-1:2004/AC:2007**

Hind 0,00

ja identne ISO 7-1:1994/Cor.1:2007

#### **Pipe threads where pressure-tight joints are made on the threads - Part 1: Dimensions, tolerances and designation**

Keel en

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **prEN ISO 225**

Identne prEN ISO 225:2009

ja identne ISO/DIS 225:2009

Tähtaeg 1.04.2009

#### **Kinnitusdetailid. Poldid, kruvid, tikkpoldid ja mutrid. Mõõtmete tingmärgid ja tähistused**

This International Standard defines the designation and description of dimensions of bolts, screws, studs and nuts for use in the appropriate product standards and drawings.

Keel en

Asendab EVS-EN 20225:1999

## 23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

### UUED STANDARDID JA PUBLIKATSIOONID

#### EVS-EN 10253-3:2009

Hind 243,00

Identne EN 10253-3:2008

#### Butt-welding pipe fittings - Part 3: Wrought austenitic and austenitic-ferritic (duplex) stainless steels without specific inspection requirements

This part of EN 10253 specifies the technical delivery requirements for seamless and welded butt-welding fittings (elbows, concentric and eccentric reducers, equal and reducing tees, caps) made of austenitic and austenitic-ferritic (duplex) stainless steel without specific inspection requirements. It specifies: - steel grades; - mechanical properties; - dimensions and tolerances; - requirements for inspection and testing; - inspection documents; - marking; - handling and packaging.

Keel en

#### EVS-EN 13445-3:2002/A16:2009

Hind 124,00

Identne EN 13445-3:2002/A16:2008

#### Leekkuumutusetä surveanumad. Osa 3: Kavandamine

This Part of this European Standard specifies requirements for the design of unfired pressure vessels covered by EN 13445-1:2002 and constructed of steels in accordance with EN 13445-2:2002. EN 13445-5:2002, Annex C specifies requirements for the design of access and inspection openings, closing mechanisms and special locking elements.

Keel en

#### EVS-EN 14710-1:2005+A2:2009

Hind 198,00

Identne EN 14710-1:2005+A2:2008

#### Tuletõrjepumbad. Ilma eelpumbata tsentrifugaalsed tuletõrjepumbad. Osa 1: Klassifikatsioon, üldised ja ohutusnõuded KONSOLIDEERITUD TEKST

This document applies to centrifugal pumps without priming devices for fire-fighting use designed as - floating pumps (FPN-F), - submersible pumps (FPN-S) or - boosted pumps (FPN-B). Fire-fighting centrifugal pumps without primer are defined as terminated by their inlet and outlet connections as well as by their shaft ends. This document applies for fire-fighting centrifugal pumps without priming devices for use under ambient temperatures between -15 °C and 40 °C.

Keel en

Asendab EVS-EN 14710-1:2005+A1:2008

#### EVS-EN 14710-2:2005+A2:2009

Hind 188,00

Identne EN 14710-1:2005+A2:2008

#### Tuletõrjepumbad. Ilma eelpumbata tsentrifugaalsed tuletõrjepumbad. Osa 2: Üldiste ja ohutusnõuete testimine KONSOLIDEERITUD TEKST

This document covers verification of the general and safety requirements of fire-fighting centrifugal pumps without primer as specified in #EN 14710-1\$. #NOTE The tests can also be applied to pumps with nominal delivery rates greater than 10 000 l/min.\$ This document does not apply to fire-fighting centrifugal pumps without primer that are manufactured before the date of publication by CEN of this document.

Keel en

Asendab EVS-EN 14710-2:2005+A1:2008

#### EVS-EN ISO 1403:2009

Hind 80,00

Identne EN ISO 1403:2008

ja identne ISO 1403:2005

#### Tekstiilsarrusega üldkasutatavad kummivoolikud vee jaoks. Tehnilised nõuded

This International Standard specifies the requirements for three types of general-purpose textile-reinforced rubber water hose with an operating temperature range of -25 °C to +70 °C and a maximum working pressure of up to 25 bar 1). These hoses are not intended to be used for conveyance of potable (drinking) water, for washing-machine inlets, as firefighting hoses, for special agricultural machines or as collapsible water hoses. These hoses may be used with additives which lower the freezing point of water.

Keel en

Asendab EVS-EN ISO 1403:1999

#### EVS-EN ISO 2398:2009

Hind 92,00

Identne EN ISO 2398:2008

ja identne ISO 2398:2006

#### Tekstiilsarrusega kummivoolikud suruõhu jaoks. Tehnilised nõuded

This International Standard specifies the requirements for three types, three classes and two categories of textile-reinforced rubber hose for compressed air, up to a maximum working pressure of 25 bar<sup>1)</sup> with an operating-temperature range of -40 °C to +70 °C, depending on the type and category.

Keel en

Asendab EVS-EN ISO 2398:1999

#### EVS-EN ISO 4641:2009

Hind 114,00

Identne EN ISO 4641:2008

ja identne ISO 4641:2005

#### Rubber hoses and hose assemblies for water suction and discharge - Specification

This International Standard specifies the minimum requirements for textile-reinforced, smooth-bore rubber water-suction and discharge hoses and hose assemblies. Three types of hoses and hose assemblies are specified according to their operating duty requirements, i.e. their ambient and water temperature ranges: - ambient temperatures: -25 °C to +70 °C; - water temperatures during operation: 0 °C to +70 °C.

Keel en

Asendab EVS-EN 24641:1999

### **EVS-EN ISO 6224:2009**

Hind 92,00

Identne EN ISO 6224:2008

ja identne ISO 6224:2005

#### **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  $-10\text{ }^{\circ}\text{C}$  to  $+60\text{ }^{\circ}\text{C}$  and a maximum working pressure of 25 bar 1). NOTE At temperatures above  $23\text{ }^{\circ}\text{C}$  and particularly above  $40\text{ }^{\circ}\text{C}$ , the maximum working pressure will be reduced. These hoses are not intended to be used for conveyance of potable (drinking) water, for washing-machine inlets, as firefighting hoses, for special agricultural machines or as gardening hoses for the consumer market. These hoses may be used with additives which lower the freezing point of water to  $-10\text{ }^{\circ}\text{C}$ .

Keel en

Asendab EVS-EN ISO 6224:1999

### **EVS-EN ISO 6802:2009**

Hind 80,00

Identne EN ISO 6802:2008

ja identne ISO 6802:2005

#### **Rubber and plastics hoses and hose assemblies with wire reinforcements - Hydraulic impulse test with flexing**

This International Standard describes a pressure impulse test with flexing for wire-reinforced rubber and plastics hydraulic hoses and hose assemblies. The test is applicable to high-pressure hydraulic hoses and hose assemblies, which are subject to pulsating pressure in service. This International Standard describes two methods of flexing the hose or hose assembly. The actual pressure impulse test is described in ISO 6803.

Keel en

Asendab EVS-EN 26802:1999

### **ASENDATUD VÕI TÜHISTATUD STANDARDID**

#### **EVS-EN 24641:1999**

Identne EN 24641:1993+AC:1995

ja identne ISO 4641:1991

#### **Kummist tooted. Tekstiilsarrusega imivoolikud vee jaoks**

Standard määrab kindlaks miinimumnõuded tekstiilsarrusega sileda sisepinnaga veeimivoolikute ja tühjendusvoolikute jaoks.

Keel en

Asendatud EVS-EN ISO 4641:2009

#### **EVS-EN 26802:1999**

Identne EN 26802:1993

ja identne ISO 6802:1991

#### **Kummist ja plastist voolikud ja voolikukomplektid. Traatarmatuuriga. Hüdraulilise löögi katse painutamise**

Käesolev standard määrab kindlaks painduvate traatsarrusega hüdrauliliste voolikute ja voolikukomplektide painutamise meetodi standardised tsüklid löögiteimimise ajal vastavalt rahvusvahelise standardiorganisatsiooni ISO standardis ISO 6803 esitatud meetodile.

Keel en

Asendatud EVS-EN ISO 6802:2009

### **EVS-EN ISO 1403:1999**

Identne EN ISO 1403:1997

ja identne ISO 1403:1995

#### **Tekstiilsarrusega üldkasutatavad kummivoolikud vee jaoks. Tehnilised nõuded**

Standard määrab kindlaks nõuded kolme tüüpi üldkasutatavate vee jaoks ettenähtud tekstiilsarrusega kummivoolikute kohta, mille funktsioneerimistemperatuur on vahemikus  $-25\text{ }^{\circ}\text{C}$  kuni  $+70\text{ }^{\circ}\text{C}$  ning maksimaalne töösurve on kuni 2,5 MPa.

Keel en

Asendatud EVS-EN ISO 1403:2009

### **EVS-EN ISO 2398:1999**

Identne EN ISO 2398:1997

ja identne ISO 2398:1995

#### **Tekstiilsarrusega kummivoolikud suruõhu jaoks. Tehnilised nõuded**

Käesolev standard määrab kindlaks nõuded kummivoolikute seitsme tüübi ja kahe klassi jaoks. Kummivoolikud on ette nähtud suruõhu jaoks, mille maksimaalne töösurve on 2,5 MPa ja vooliku töötemperatuuri vahemik on  $-40\text{ }^{\circ}\text{C}$  kuni  $+70\text{ }^{\circ}\text{C}$ , sõltuvalt voolikuklassist.

Keel en

Asendatud EVS-EN ISO 2398:2009

### **EVS-EN ISO 3861:1999**

Identne EN ISO 3861:1997

ja identne ISO 3861:1995

#### **Kummivoolikud liivajuga- ja haavelpuhastuseks. Tehnilised andmed**

Standard määrab kindlaks selliste nii märjaks kui ka kuiva liivajuga- ja haavelpuhastuseks kasutatavate kummivoolikute nõuded, mida saab kasutada maksimaaltöösurvel 0,63 MPa.

Keel en

Asendatud EVS-EN ISO 3861:2009

### **EVS-EN ISO 6224:1999**

Identne EN ISO 6224:1997

ja identne ISO 6224:1995

#### **Üldkasutatavad tekstiilsarrusega plastvoolikud vee jaoks. Tehnilised nõuded**

Käesolev standard määrab kindlaks nõuded nende kolme tüüpi mittekokkupandavate tekstiilsarrusega termoplastist vee-tühjendusvoolikute jaoks, mille maksimaalne töösurve on  $23\text{ }^{\circ}\text{C}$  juures 2,5 MPa. Voolikud on ette nähtud kasutamiseks temperatuurivahemikus  $-10\text{ }^{\circ}\text{C}$  kuni  $+60\text{ }^{\circ}\text{C}$ .

Keel en

Asendatud EVS-EN ISO 6224:2009

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **EN 598:2007/prA1**

Identne EN 598:2007/prA1:2009

Tähtaeg 1.04.2009

#### **Kõrgtugevast malmist torud, armatuur, abiseadised ja nende ühendused kanalisatsioonüsteemide jaoks. Nõuded ja katsemeetodid**

Käesolev standard määrab kindlaks nõuded ja kaasnevad testimismeetodid, mida kohaldatakse väljaspool hooneid olevate drenide ja kanalisatsioonitorustike valmistamiseks kasutatavate kõrgtugevast malmist torude, liitmike, abiseadiste ja nende ühenduste jaoks.

Keel en

## EN 12864:2003/prA3

Identne EN 12864:2001/prA3:2009

Tähtaeg 1.04.2009

**Madala survega mittereguleeritavad regulaatorid, mille väljundsurve on maksimaalselt väiksem või võrdne 200 mbar-iga, mille võimsus on väiksem või võrdne 4 kg/h ning seonduvad ohutusseadmed butaani, propaani või nende segude suhtes**

This European standard defines the structural and operational characteristics, the safety requirements and test methods, the marking, of low-pressure, non adjustable regulators for butane, propane or their mixtures, referred to in the body of the text as "regulators". This European Standard covers regulators supplied at vapour pressure by one or several portable cylinders. They are normally directly connected to the cylinder valve or the self closing valve.

Keel en

## FprEN 60534-2-4

Identne FprEN 60534-2-4:2009

ja identne IEC 60534-2-4:200X

Tähtaeg 29.04.2009

**Industrial-process control valves - Part 2-4: Flow capacity - Inherent flow characteristics and rangeability**

This part of IEC 60534 applies to all types of industrial-process control valves. It defines how to state typical control valve inherent flow characteristics and inherent rangeabilities. It also defines how to establish criteria for adherence to manufacturer-stated flow characteristics.

Keel en

## 25 TOOTMISTEHNOLLOOGIA

### UUED STANDARDID JA PUBLIKATSIOONID

#### **EVS-EN 60519-7:2009**

Hind 135,00

Identne EN 60519-7:2008

ja identne IEC 60519-7:2008

**Elekterkuumuspaigaldiste ohutus. Osa 7: Erinõuded elektronkahureid sisaldavatele paigaldistele**

This part of IEC 60519 deals with safety of electroheat installations with electron guns. It applies to all the electroheat applications with electron guns. This standard, whilst prepared for electroheat installations with electron guns may, however, also be used for non-thermal applications with electron guns and equipment employing glow discharge systems, where applicable. This standard applies also to high-voltage sources feeding electron guns. All requirements of IEC 60519-1 apply. Additional requirements for installations covered by this part of the standard are given in Clauses 6 to 16.

Keel en

#### **EVS-EN 61298-1:2009**

Hind 155,00

Identne EN 61298-1:2008

ja identne IEC 61298-1:2008

**Process measurement and control devices - General methods and procedures for evaluating performance - Part 1: General considerations**

This part of IEC 61298 specifies general methods and procedures for conducting tests, and reporting on the functional and performance characteristics of process measurement and control devices. The methods and procedures specified in this standard are applicable to any type of process measurement and control device. The tests are applicable to any such devices characterized by their own specific input and output variables, and by the specific relationship (transfer function) between the inputs and outputs, and include analogue and digital devices. For devices that require special tests, this standard should be used, together with any product specific standard specifying special tests. This standard covers general principles which apply to the series.

Keel en

Asendab EVS-EN 61298-1:2006

#### **EVS-EN 61298-2:2009**

Hind 198,00

Identne EN 61298-2:2008

ja identne IEC 61298-2:2008

**Process measurement and control devices - General methods and procedures for evaluating performance - Part 2: Tests under reference conditions**

This part of IEC 61298 specifies general methods and procedures for conducting tests and reporting on the functional and performance characteristics of process measurement and control devices. The tests are applicable to any such devices characterized by their own specific input and output variables, and by the specific relationship (transfer function) between the inputs and outputs, and include analogue and digital devices. For devices that require special tests, this standard should be used, together with any product specific standard specifying special tests. This standard covers tests made under reference conditions.

Keel en

Asendab EVS-EN 61298-2:2006

#### **EVS-EN 61298-3:2009**

Hind 209,00

Identne EN 61298-3:2008

ja identne IEC 61298-3:2008

**Process measurement and control devices - General methods and procedures for evaluating performance -- Part 3: -Tests for the effects of influence quantities**

This part of IEC 61298 specifies general methods and procedures for conducting tests and reporting on the functional and performance characteristics of process measurement and control devices. The tests are applicable to any such devices characterized by their own specific input and output variables, and by the specific relationship (transfer function) between the inputs and outputs, and include analogue and digital devices. For devices that require special tests, this standard should be used, together with any product-specific standard specifying special tests. This standard covers tests for the effects of influence quantities.

Keel en

Asendab EVS-EN 61298-3:2002



**EVS-EN 61298-4:2009**

Hind 135,00

Identne EN 61298-4:2008

ja identne IEC 61298-4:2008

**Process measurement and control devices - General methods and procedures for evaluating performance - Part 4: Evaluation report content**

This part of IEC 61298 specifies general methods and procedures for conducting tests, and reporting on the functional and performance characteristics of process measurement and control devices. The tests are applicable to any such devices characterized by their own specific input and output variables, and by the specific relationship (transfer function) between the inputs and outputs, and include analogue and digital devices. For devices that require special tests, this standard should be used, together with any product specific standard specifying special tests.

Keel en

Asendab EVS-EN 61298-4:2006

**EVS-EN ISO 2081:2009**

Hind 145,00

Identne EN ISO 2081:2008

ja identne ISO 2081:2008

**Metallic and other inorganic coatings - Electroplated coatings of zinc with supplementary treatments on iron or steel**

This International Standard specifies requirements for electroplated coatings of zinc with supplementary treatments on iron or steel. It includes information to be supplied by the purchaser to the electroplater, and the requirements for heat treatment before and after electroplating. It is not applicable to zinc coatings applied - to sheet, strip or wire in the non-fabricated form, - to close-coiled springs, or - for purposes other than protective or decorative. This International Standard does not specify requirements for the surface condition of the basis metal prior to electroplating with zinc. However, defects in the surface of the basis metal can adversely affect the appearance and performance of the coating. The coating thickness that can be applied to threaded components can be limited by dimensional requirements, including class or fit.

Keel en

Asendab EVS-EN 12329:2000

**EVS-EN ISO 2082:2009**

Hind 145,00

Identne EN ISO 2082:2008

ja identne ISO 2082:2008

**Metallic and other inorganic coatings - Electroplated coatings of cadmium with supplementary treatments on iron or steel**

This International Standard specifies the requirements of electroplated coatings of cadmium with supplementary treatments on iron and steel. It includes information that is to be supplied by the purchaser to the electroplater, and describes coating requirements, including those for heat treatment before and after electroplating. It is not applicable to coatings applied - to sheet, strip or wire in the non-fabricated form, - to close-coiled springs, or - for purposes other than protective, intrinsic lubricity, ductility, electrical conductivity and low contact resistance use. This International Standard does not specify requirements for the surface condition of the basis metal prior to electrodeposition with cadmium. The coating thickness that can be applied to threaded components can be limited by dimensional requirements, including class or fit.

Keel en

Asendab EVS-EN 12330:2000

**EVS-EN ISO 3861:2009**

Hind 80,00

Identne EN ISO 3861:2008

ja identne ISO 3861:2005

**Kummivoolikud liivajuga- ja haavelpuhastuseks. Tehnilised andmed**

This International Standard specifies the requirements for rubber hoses for wet and dry sand and grit blasting, suitable for use up to a maximum working pressure of 6,3 bar and over an operating temperature range of -25 °C to +70 °C.

Keel en

Asendab EVS-EN ISO 3861:1999

**EVS-EN ISO 10218-1:2009**

Hind 209,00

Identne EN ISO 10218-1:2008

ja identne ISO 10218-1:2006+Cor 1:2007

**Tööstusrobotid. Ohutusnõuded. Osa 1: Robot**

Standard annab ohutusalaseid juhiseid manipuleerivate tööstusrobotite ja robotisüsteemide projekteerimiseks, ehitamiseks, programmeerimiseks, kasutamiseks, remondiks ja hoolduseks. EN 775 on identne standardiga ISO 10218:1992, välja arvatud EN 775 eessõnas nimetatud muudatused.

Keel en

Asendab EVS-EN ISO 10218-1:2006/AC:2007; EVS-EN ISO 10218-1:2006

**EVS-EN ISO 15011-4:2006/A1:2009**

Hind 68,00

Identne EN ISO 15011-4:2006/A1:2008

ja identne ISO 15011-4:2006/Amd 1:2008

**Keevitus- ja seonduvate protsesside töötavishoiu- ja ohutusnõuded. Laborimeetodid proovide võtmiseks aurudest ja gaasidest. Osa 4: Aurude andmelehed**

This part of ISO 15011 covers health and safety in welding and allied processes. It specifies requirements for determination of the emission rate and chemical composition of welding fume in order to prepare fume data sheets.

Keel en

**EVS-EN ISO 26945:2009**

Hind 114,00

Identne EN ISO 26945:2008

ja identne ISO 26945:2008

**Metallic and other inorganic coatings - Electroplated coatings of tin-cobalt alloy**

This International Standard specifies electrodeposited coatings of tin-cobalt alloy of approximate composition 75 % (mass fraction) to 80 % (mass fraction) tin, remainder cobalt, as a substitute for decorative chromium coatings of 0,1 µm to 0,3 µm thickness. Hardness and wear resistance properties of the coatings obtained are not equivalent to those of chromium coatings, but similar to those of tin-nickel alloy coatings. Tin-cobalt alloy coatings can be applied by rack or barrel plating processes. This International Standard does not specify requirements for the surface condition of the basis metal prior to electroplating.

Keel en

**ASENDATUD VÕI TÜHISTATUD STANDARDID****EVS-EN 12329:2000**

Identne EN 12329:2000

**Corrosion protection of metals - Electrodeposited coatings of zinc with supplementary treatment on iron or steel**

This standard specifies requirements for electrodeposited coatings of zinc on iron or steel with supplementary treatment.

Keel en

Asendatud EVS-EN ISO 2081:2009

**EVS-EN 12330:2000**

Identne EN 12330:2000

**Corrosion protection of metals - Electrodeposited coatings of cadmium on iron or steel**

This standard specifies requirements for electrodeposited coatings of cadmium on iron or steel with or without supplementary treatment. This standard does not specify chromate finishes which are required only for improving the adhesion of paints or varnishes.

Keel en

Asendatud EVS-EN ISO 2082:2009

**EVS-EN 12921-2:2005**

Identne EN 12921-2:2005

**Masina tööstuslike detailide pindade puhastamiseks ja eeltöötlemiseks vedelike või aurude abil. Osa 2: Veepõhiseid puhastusvedelikke kasutatavate masinate ohutus**

This European Standard deals only with the significant hazards of machines for surface cleaning and pre-treatment (in the following called "cleaning machines") of industrial items using water based cleaning liquids in the mode of suspension, solution or dispersion of compounds or substances in water applied by immersion and/or spraying in one or more stages.

Keel en

Asendatud EVS-EN 12921-2:2005+A1:2009

**EVS-EN 12921-3:2005**

Identne EN 12921-3:2005

**Masina tööstuslike detailide pindade puhastamiseks ja eeltöötlemiseks vedelike või aurude abil. Osa 3: Süttimisohhtlike puhastusvedelike kasutatavate masinate ohutus**

This European Standard deals with the significant hazards of machines for surface cleaning and pre-treatment - in the following called "cleaning machines" - of industrial items using flammable cleaning liquids or a mixture of cleaning liquids, even in emulsion form, which can potentially create, even temporarily, a condition of flammability.

Keel en

Asendatud EVS-EN 12921-3:2005+A1:2009

**EVS-EN 12921-4:2005**

Identne EN 12921-4:2005

**Masina tööstuslike detailide pindade puhastamiseks ja eeltöötlemiseks vedelike või aurude abil. Osa 4: Halogeenitud vedelikke kasutatavate masinate ohutus**

This European Standard specifies the significant hazards of machines for surface cleaning and pre-treatment - in the following called "cleaning machines" - of industrial items using halogenated solvents, either pure or as a mixture.

Keel en

Asendatud EVS-EN 12921-4:2005+A1:2009

**EVS-EN 61298-1:2006**

Identne EN 61298-1:1995

ja identne IEC 61298-1:1995

**Process measurement and control devices - General methods and procedures for evaluating performance - Part 1: General considerations**

Covers general principles which apply to the standard as a whole.

Keel en

Asendatud EVS-EN 61298-1:2009

**EVS-EN 61298-2:2006**

Identne EN 61298-2:1995

ja identne IEC 61298-2:1995

**Process measurement and control devices - General methods and procedures for evaluating performance - Part 2: Tests under reference conditions**

Specifies general methods and procedures for conducting tests and reporting on the functional and performance characteristics of process measurement and control devices.

Keel en

Asendatud EVS-EN 61298-2:2009

**EVS-EN 61298-4:2006**

Identne EN 61298-4:1995

ja identne IEC 61298-4:1995

**Process measurement and control devices - General methods and procedures for evaluating performance - Part 4: Evaluation report content**

Specifies the content to the written report on the evaluation or tests on a process measurement or control device, and the results obtained.

Keel en

Asendatud EVS-EN 61298-4:2009

### **EVS-EN ISO 3861:1999**

Identne EN ISO 3861:1997  
ja identne ISO 3861:1995

#### **Kummivoolikud liivajuga- ja haavelpuhastuseks. Tehnilised andmed**

Standard määrab kindlaks selliste nii märjaks kui ka kuiva liivajuga- ja haavelpuhastuseks kasutatavate kummivoolikute nõuded, mida saab kasutada maksimaaltöösurvele 0,63 MPa.

Keel en

Asendatud EVS-EN ISO 3861:2009

### **EVS-EN ISO 10218-1:2006**

Identne EN ISO 10218-1:2006  
ja identne ISO 10218-1:2006

#### **Tööstusrobotid. Ohutusnõuded. Osa 1: Robot**

Standard annab ohutusalasid juhiseid manipuleerivate tööstusrobotite ja robotisüsteemide projekteerimiseks, ehitamiseks, programmeerimiseks, kasutamiseks, remondiks ja hoolduseks. EN 775 on identne standardiga ISO 10218:1992, välja arvatud EN 775 eessõnas nimetatud muudatused.

Keel en

Asendab EVS-EN 775:1999

Asendatud EVS-EN ISO 10218-1:2009

### **EVS-EN ISO 10218-1:2006/AC:2007**

Identne EN ISO 10218-1:2006/AC:2007

#### **Tööstusrobotid. Ohutusnõuded. Osa 1: Robot**

This part of ISO 10218 specifies requirements and guidelines for the inherent safe design, protective measures and information for use of industrial robots, as defined in Clause 3. It describes basic hazards associated with robots and provides requirements to eliminate, or adequately reduce, the risks associated with these hazards.

Keel de

Asendatud EVS-EN ISO 10218-1:2009

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **EN 746-1:1999/prA1**

Identne EN 746-1:1997/prA1:2009  
Tähtaeg 1.04.2009

#### **Tööstuslikud termotöötlusseadmed. Osa 1: Tööstuslike termotöötlusseadmete üldised ohutusnõuded**

Käesolev EN 746 osa määrab kindlaks üldised ohutusnõuded tööstuslike termotöötlusseadmete (nt tööstuslikud ahjud ning kütteseadmed) jaoks, mis vastavad standardis EN 292-1 esitatud seadmete määratlusele. Seda EN 746 osa rakendatakse tööstuslikele termotöötlusseadmetele, mida kasutatakse nt järgmistes valdkondades: - metallurgia ja metallitööstus, - klaasitööstus, - keraamikatööstus, - tsemendi, lubja ja kipsi tootmine, - keemiatööstus, - jäätmete põletamine.

Keel en

### **FprEN 62329-3-100**

Identne FprEN 62329-3-100:2009  
ja identne IEC 62329-3-100:200X

Tähtaeg 1.04.2009

#### **Heat shrinkable moulded shapes - Part 3: Specification requirements for shapedimensions, material requirements and compatibility performance - Sheet 100:Heat-shrinkable moulded shape dimensions**

This sheet of IEC 62329-3 gives the dimensional requirements for heat-shrinkable moulded shapes. The moulded shapes may be supplied with a pre-coated adhesive. Refer to the manufacturers/suppliers for options. These moulded shapes are normally supplied in the styles and dimensions given in Tables 1 to 21. The colour is normally Black. Styles and dimensions other than those specifically listed in Tables 1A to 21 may be available as custom items. These items shall be considered to comply with this standard if they comply with the property requirements listed in the sheets for material performance, with the exception of dimensions.

Keel en

### **FprEN 62329-3-101**

Identne FprEN 62329-3-101:2009  
ja identne IEC 62329-3-101:200X

Tähtaeg 1.04.2009

#### **Heat shrinkable moulded shapes - Part 3: Specification requirements for shapedimensions, material requirements and compatibility performance - Sheet 101:Heat-shrinkable moulded shapes, polyolefin, semi-rigid, limited fire hazard, materialrequirements and system performance**

This sheet of IEC 62329-3 gives the requirements for heat-shrinkable moulded shapes, polyolefin, semi-rigid, limited fire hazard, material requirements and system performance. Experience of product performance indicates that this moulded shape material is suitable for inclusion in systems for operation in the following temperature range, -30°C to + 105°C The moulded shapes may be supplied with a pre-coated adhesive. Refer to the manufacturers/suppliers for options. A guide to adhesive compatibility is given in Appendix A. These moulded shapes are normally supplied in the styles and dimensions given in IEC 62329-3-100. The colour is normally Black.

Keel en

#### **FprEN 62329-3-102**

Identne FprEN 62329-3-102:2009

ja identne IEC 62329-3-102:200X

Tähtaeg 1.04.2009

#### **Heat shrinkable moulded shapes - Part 3: Specification requirements for shapedimensions, material requirements and compatibility performance - Sheet 102:Heat-shrinkable elastomeric moulded shapes, semi-rigid, material requirements andsystem performance**

This sheet of IEC 62329-3 gives the requirements for heat-shrinkable elastomeric moulded shape, semi-rigid material requirements and system performance.

Experience of product performance indicates that this moulded shape material is suitable for inclusion in systems for operation in the following temperature ranges -75°C to + 120°C. The moulded shapes may be supplied with a pre-coated adhesive. Refer to the manufacturers/suppliers for options. A guide to adhesive compatibility is given in Appendix A. These moulded shapes are normally supplied in the styles and dimensions given in IEC 62329-3-100. The colour is normally Black.

Keel en

#### **prEN 13523-21**

Identne prEN 13523-21:2009

Tähtaeg 1.04.2009

#### **Coil coated metals - Test methods - Part 21: Evaluation of outdoor exposed panels**

This Part of EN 13523 specifies the procedure for evaluating the behaviour of an organic coating on a metallic substrate during and after outdoor exposure. Panel design, preparation and the procedure for outdoor exposure are to be performed in accordance with EN 13523-19. After washing of the panel some dirt can remain on the panel. This remaining dirt can influence the accuracy and precision of readings of gloss and colour, performed on exposed panels, although carried out in accordance with the standards. Unlike other precise measurements, the objective of this Part of EN 13523 is to report on trends in the corrosion and/or paint degradation behaviour of coil coated panels.

Keel en

Asendab EVS-EN 13523-21:2003

#### **prEN 13523-22**

Identne prEN 13523-22:2009

Tähtaeg 1.04.2009

#### **Coil coated metals - Test methods - Part 22: Colour difference - Visual comparison**

This Part of EN 13523 specifies the procedure for determining the difference in the colour of an organic coating on a metallic substrate by visual comparison against a standard using either diffuse natural daylight or artificial daylight in a standard booth. NOTE Results may differ between natural and artificial daylight. It may occur that two colour specimens will match in daylight but not under another light source. This phenomenon is known as metamerism (see EN 13523-15). In case a metameric match is to be reported in objective terms, spectrophotometric measurements (using CIE Standard Illuminants D65 and A) are to be made, in accordance with EN 13523-15.

Keel en

Asendab EVS-EN 13523-22:2003

#### **prEN 15895-1**

Identne prEN 15895-1:2009

Tähtaeg 1.04.2009

#### **Cartridge operated hand-held tools - Safety requirements - Part 1: Fixing and hard making tools**

This standard covers safety requirements for cartridge operated fixing and hard marking tools which operate with an intermediate member (piston). This European standard deals with all significant hazards, hazardous situations and events relevant to cartridge operated fixing and hard marking tools, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see clause 4). It deals with the significant hazards in the different operating modes and intervention procedures as defined in 5.3 of EN ISO 12100-1. Although the safe use of cartridge operated tools depends to an important extent on the use of appropriate cartridges and fasteners, this standard is not formulating requirements for the cartridges and fasteners to be used with the tools (see clause 7). This European Standard applies to tools using cartridges with casings made of metal or plastic and containing a minor quantity of primer with a composition different from that of the main propellant. The fixing tools in the scope are those intended for use with fasteners made from metal.

Keel en

## **27 ELEKTRI- JA SOOJUSENERGEETIKA**

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **EN 61400-1:2005/FprA1**

Identne EN 61400-1:2005/FprA1:2009

ja identne IEC 61400-1:2005/A1:200X

Tähtaeg 1.04.2009

#### **Tuuleturbiin-generaatorsüsteemid. Osa 1: Ohutusnõuded**

Specifies essential design requirements to ensure the engineering integrity of wind turbines. Provides an appropriate level of protection against damage from all hazards during the planned lifetime. Is concerned with all subsystems of wind turbines such as control and protection mechanisms, internal electrical systems, mechanical systems and support structures. Applies to wind turbines of all sizes. See IEC 61400-2 for small wind turbines.

Keel en

## **FprEN 62509**

Identne FprEN 62509:2009

ja identne IEC 62509:200X

Tähtaeg 1.04.2009

### **Performance and functioning of photovoltaic battery charge controllers**

This International Standard establishes minimum requirements for the functioning and performance of battery charge controllers (BCC) used with lead acid batteries in terrestrial photovoltaic (PV) systems. The main aims are to ensure BCC reliability and to maximise the life of the battery. This standard shall be used in conjunction with IEC 62093, which describes test and requirements for intended installation application. In addition to the battery charge control functions, this Standard addresses the following battery charge control features: • photovoltaic generator charging of a battery, • load control, • protection functions, • interface functions, The general requirement for safety of battery charge controllers is covered by IEC 62109-3.

Keel en

## **prEN 299**

Identne prEN 299:2009

Tähtaeg 1.04.2009

### **Surveõli peenpihustusdüüsid. Nurga ja pritseomaduste määramine**

This European Standard specifies a method for the determination of the spray characteristic and the index angle of oil pressure atomizing nozzles.

Keel en

Asendab EVS-EN 299:1999

## **29 ELEKTROTEHNIKA**

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS-EN 50083-8:2007/A11:2009**

Hind 59,00

Identne EN 50083-8:2002/A11:2008

#### **Televisiooni-, heli- ja interaktiivse multimeedia signaalide kaabeljaotussüsteemid. Osa 8: Võrkude elektrimagneetiline ühilduvus**

EN 50083 seeria standardid käsitlevad kaabelvõrke, milledes edastatakse televisioonilevisignaale, raadiolevisignaale ja interaktiivseid teenuseid ning muuhulgas ka seadmeid, süsteeme ning nende paigaldust - televisiooni- ja raadiolevisignaali ning nendega seotud andmesignaali vastuvõtuks, töötlemiseks ja jaotamiseks peajaamas ning - mistahes interaktiivsete teenuste signaalide töötlemiseks ja liidestamiseks ning edastamiseks mistahes võimalikus edastusmeediumis. Kõik võrgud, nagu: - kaabellevivõrgud (CATV), - MATV ja SMATV-võrgud, - individuaalvastuvõtusüsteemid ja ka kõik muud seadmed, süsteemid ja paigaldised, mis on paigaldatud eeltoodud võrkudesse, kuuluvad käsitluselasse. Standardi reguleerimisala on alates peajaama antennidest, spetsiaalsetest signaallikatest või muudest võrgu sisendpunktidest kuni süsteemi väljundini või lõpppunktini, kui süsteemi väljund puudub. Lõppkasutaja lõppseadmetele (näiteks tüünerid, vastuvõtjad, dekooderid, multimeedia lõppseadmed jne) samuti koaksiaal- ja optilistele kaablitele ning tarvikutele käesolev standard seega ei kohaldu.

Keel en

#### **EVS-EN 50290-2-24:2003/A1:2009**

Hind 80,00

Identne EN 50290-2-24:2002/A1:2008

#### **Kommunikatsioonikaablid. Osa 2-24: Projekteerimise üldjuhised ja konstruktsioon. Polüeteenmantel**

This Part 2-24 of EN 50290 gives specific requirements for PE sheathing compounds used in communication cables.

Keel en

#### **EVS-EN 50521:2009**

Hind 209,00

Identne EN 50521:2008

#### **Connectors for photovoltaic systems - Safety requirements and tests**

This Standard applies to connectors of application Class A according to EN 61730-1 for use in photovoltaic systems with rated voltages up to 1 000 V d.c. and rated currents up to 125 A per contact. This standard applies to connectors without breaking capacity but might be engaged and disengaged under voltage.

Keel en

#### **EVS-EN 60335-2-97:2007/A11:2009**

Hind 68,00

Identne EN 60335-2-97:2006/A11:2008

#### **Majapidamis- ja muud taolised elektriseadmed.**

#### **Ohutus. Osa 2-97: Erinõuded rulooste, markiiside, ruloode ja muude taoliste seadmete ajamitele**

This International Standard deals with the safety of electric drives for rolling equipment such as shutters, blinds and awnings, intended for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. Drives for equipment with a spring-controlled driven part, such as a folding arm awning, are also within the scope of this standard.

Keel en

#### **EVS-EN 60404-4:2002/A2:2009**

Hind 80,00

Identne EN 60404-4:1997/A2:2008

ja identne IEC 60404-4:1995/A2:2008

#### **Magnetic materials -- Part 4: Methods of measurement of d.c. magnetic properties of magnetically soft materials**

This part of IEC 404 specifies the methods of measuring the d.c. magnetic properties of iron and steel in a closed magnetic circuit using either the ring or the permeameter methods.

Keel en

#### **EVS-EN 60670-23:2009**

Hind 124,00

Identne EN 60670-23:2008

ja identne IEC 60670-23:2006

#### **Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 23: Particular requirements for floor boxes and enclosures**

This standard applies to floor boxes and floor enclosures. The flush floor boxes and flush floor enclosures are intended to protect accessories against load up to and including 1 000 N.

Keel en

**EVS-EN 60700-1:2002/A2:2009**

Hind 114,00

Identne EN 60700-1:1998/A2:2008

ja identne IEC 60700-1:1998/A2:2008

**Thyristor valves for high voltage direct current (HVDC) power transmission -- Part 1: Electrical testing**

This standard applies to thyristor valves with metal oxide surge arresters directly connected between the valve terminals, for use in a line commutated converter for high voltage d.c. power transmission or as part of a back-to-back link. It is restricted to electrical type and production tests. The tests specified in this standard are based on air insulated valves. For other types of valves, the test requirements and acceptance criteria must be agreed.

Keel en

**EVS-EN 61467:2009**

Hind 229,00

Identne EN 61467:2008

ja identne IEC 61467:2008

**Insulators for overhead lines - Insulator strings and sets for lines with a nominal voltage greater than 1 000 V - AC power arc tests**

This International Standard applies to insulator strings and sets comprising string insulator units of ceramic material, glass or composite material for use on a.c. overhead lines and traction lines with a nominal voltage above 1 000 V and a frequency between 15 Hz and 100 Hz. This standard also applies to insulator strings or sets of similar design used in substations. This standard establishes a standard test procedure for power arc tests on insulator sets. It also establishes a standard test procedure for power arc tests on short strings. This standard does not apply to insulator sets mounted on non-metallic poles or towers.

Keel en

**EVS-EN 62040-1:2009**

Hind 271,00

Identne EN 62040-1:2008

ja identne EC 62040-1:2008+Corr:2008

**Uninterruptible power systems (UPS) - Part 1: General and safety requirements for UPS**

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

Keel en

Asendab EVS-EN 62040-1-2:2003; EVS-EN 62040-1-1:2003

**EVS-EN 62059-31-1:2009**

Hind 315,00

Identne EN 62059-31-1:2008

ja identne IEC 62059-31-1:2008

**Electricity metering equipment - Dependability - Part 31-1: Accelerated reliability testing - Elevated temperature and humidity**

This part of IEC 62059 provides one of several possible methods for estimating product life characteristics by accelerated reliability testing. Acceleration can be achieved in a number of different ways. In this particular standard, elevated, constant temperature and humidity is applied to achieve acceleration. The method also takes into account the effect of voltage and current variation. Of course, failures not (or not sufficiently) accelerated by temperature and humidity will not be detected by the application of the test method specified in this standard.

Keel en

**EVS-EN 62271-1:2009**

Hind 356,00

Identne EN 62271-1:2008

ja identne IEC 62271-1:2007

**Kõrgepingelised lülitusaparaadid. Osa 1: Üldliigitus**

This part of IEC 62271 applies to a.c. switchgear and controlgear designed for indoor and outdoor installation and for operation at service frequencies up to and including 60 Hz on systems having voltages above 1 000 V. This standard applies to all high-voltage switchgear and controlgear except as otherwise specified in the relevant IEC standards for the particular type of switchgear and controlgear.

Keel en

**EVS-EN 62431:2009**

Hind 256,00

Identne EN 62431:2008

ja identne IEC 62431:2008

**Reflectivity of electromagnetic wave absorbers in millimetre wave frequency - Measurement methods**

This International Standard specifies the measurement methods for the reflectivity of electromagnetic wave absorbers (EMA) for the normal incident, oblique incident and each polarized wave in the millimetre-wave range. In addition, these methods are also equally effective for the reflectivity measurement of other materials: - measurement frequency range: 30 GHz to 300 GHz; - reflectivity: 0 dB to -50 dB; - incident angle: 0° to 80°.

Keel en

**EVS-HD 632 S2:2009**

Hind 559,00

Identne HD 632 S2:2008

**Power cables with extruded insulation and their accessories for rated voltages above 36 kV (Um = 42 kV) up to 150 kV (Um = 170 kV)**

This standard specifies test requirements for power cables with extruded insulation, of the types listed in Table 1, and their accessories, of rated voltage, U, above 36 kV (Um = 42 kV) up to and including 150 kV (Um = 170 kV), for fixed installations intended for transmission and distribution systems, and for use in power generating plants and sub-stations.

Keel en

Asendab EVS-HD 632 S1:2003; EVS-HD 632 S1:2003/A1:2003

## ASENDATUD VÕI TÜHISTATUD STANDARDID

### **EVS-EN 62040-1-2:2003**

Identne EN 62040-1-2:2003

ja identne IEC 62040-1-2:2002+AC:2004

**Katkematu toite süsteemid. Osa 2-1: Üld- ja ohutusnõuded piiratud juurdepääsuga aladel kasutatavatele katkematu toite süsteemidele**

Keel en

Asendab EVS-EN 50091-1-2:2002

Asendatud EVS-EN 62040-1:2009

### **EVS-EN 62040-1-1:2003**

Identne EN 62040-1-1:2003

ja identne IEC 62040-1-1:2002+AC:2004

**Katkematu toite süsteemid. Osa 1-1: Üld- ja ohutusnõuded operaatori juurdepääsuosas kasutatavatele katkematu toite süsteemidele**

\*

Keel en

Asendab EVS-EN 50091-1-1:2001

Asendatud EVS-EN 62040-1:2009

### **EVS-HD 632 S1:2003**

Identne HD 632 S1:1998

**Power cables with extruded insulation and their accessories for rated voltages above 36 kV (Um = 42 kV) up to 150 kV (Um = 170 kV)**

This standard specifies test requirements for power cables for fixed installations with extruded insulation of the types listed in sub-clause 1.5 and their accessories for rated voltages U above 36 kV (Um = 42 kV) up to and including 150 kV (Um = 170 kV).

Keel en

Asendatud EVS-HD 632 S2:2009

### **EVS-HD 632 S1:2003/A1:2003**

Identne HD 632 S1:1998/A1:2002

**Power cables with extruded insulation and their accessories for rated voltages above 36 kV (Um = 42 kV) up to 150 kV (Um = 170 kV)**

This standard specifies test requirements for power cables for fixed installations with extruded insulation of the types listed in sub-clause 1.5 and their accessories for rated voltages U above 36 kV (Um = 42 kV) up to and including 150 kV (Um = 170 kV).

Keel en

Asendatud EVS-HD 632 S2:2009

## KAVANDITE ARVAMUSKÜSITLUS

### **EN 60061-1:2001/FprA41**

Identne EN 60061-1:1993/FprA41:2009

ja identne IEC 60061-1:1969/A41:200X

Tähtaeg 1.04.2009

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

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

Keel en

### **EN 60061-1:2001/FprA42**

Identne EN 60061-1:1993/FprA42:2008

ja identne IEC 60061-1:1969/A42:200X

Tähtaeg 1.04.2009

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

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

Keel en

### **EN 60061-2:2001/FprA38**

Identne EN 60061-2:1993/FprA38:2009

ja identne IEC 60061-2:1969/A38:200X

Tähtaeg 1.04.2009

**Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 2: Lambipesad**

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

Keel en

### **EN 60061-2:2001/FprA39**

Identne EN 60061-2:1993/FprA39:2008

ja identne IEC 60061-2:1969/A39:200X

Tähtaeg 1.04.2009

**Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 2: Lambipesad**

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

Keel en

### **EN 60061-3:2001/FprA40**

Identne EN 60061-3:1993/FprA40:2008

ja identne IEC 60061-3:1969/A40:200X

Tähtaeg 1.04.2009

**Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 3: Mõõturid**

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

Keel en

### **EN 60061-3:2001/FprA39**

Identne EN 60061-3:1993/FprA39:2009

ja identne IEC 60061-3:1969/A39:200X

Tähtaeg 1.04.2009

**Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 3: Mõõturid**

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

Keel en

**EN 60112:2003/FprA1**

Identne EN 60112:2003/FprA1:2009

ja identne IEC 60112:2003/A1:200X

Tähtaeg 1.04.2009

**Method for the determination of the proof and the comparative tracking indices of solid insulating materials**

Specifies the method of test for the determination of the proof and comparative tracking indices of solid insulating materials on pieces taken from parts of equipment and on plaques of material using alternating voltages. The standard provides for the det

Keel en

**EN 60893-3-3:2004/FprA1**

Identne EN 60893-3-3:2004/FprA1:2009

ja identne IEC 60893-3-3:2003/A1:200X

Tähtaeg 1.04.2009

**Insulating materials - Industrial rigid laminated sheets based on thermosettingresins for electrical purposes - Part 3-3: Specifications for individual materials -Requirements for rigid laminated sheets based on melamine resins**

Gives the requirements for industrial rigid laminated sheets for electrical purposes based on melamine resins and different reinforcements. Applications and distinguishing properties are given. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application should be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. In this revision of the IEC 60893 series of specifications, new material types have been included, changes have been made to the property requirements of some existing types, a new method for testing permittivity and dissipation factor has been added, and all non-specification data for each type has been moved to a new Part 4 document - IEC 60893-4 - Typical values.

Keel en

**EN 60893-3-4:2004/FprA1**

Identne EN 60893-3-4:2004/FprA1:2009

ja identne IEC 60893-3-4:2003/A1:200X

Tähtaeg 1.04.2009

**Insulating materials - Industrial rigid laminated sheets based on thermosettingresins for electrical purposes - Part 3-4: Specifications for individual materials -Requirements for rigid laminated sheets based on phenolic resins**

Gives the requirements for industrial rigid laminated sheets for electrical purposes based on phenolic resin and different reinforcements. Applications and distinguishing properties are given. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application should be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. In this revision of the IEC 60893 series of specifications, new material types have been included, changes have been made to the property requirements of some existing types, a new method for testing permittivity and dissipation factor has been added, and all non-specification data for each type has been moved to a new Part 4 document - IEC 60893-4 - Typical values.

Keel en

**EN 60893-3-5:2004/FprA1**

Identne EN 60893-3-5:2004/FprA1:2009

ja identne IEC 60893-3-5:2003/A1:200X

Tähtaeg 1.04.2009

**Insulating materials - Industrial rigid laminated sheets based on thermosettingresins for electrical purposes - Part 3-5: Specifications for individual materials -Requirements for rigid laminated sheets based on polyester resins**

Gives the requirements for industrial rigid laminated sheets for electrical purposes based on polyester resins and different reinforcements. Applications and distinguishing properties are given. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application should be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. In this revision of the IEC 60893 series of specifications, new material types have been included, changes have been made to the property requirements of some existing types, a new method for testing permittivity and dissipation factor has been added, and all non-specification data for each type has been moved to a new Part 4 document - IEC 60893-4: Typical values.

Keel en

**EN 60893-3-6:2004/FprA1**

Identne EN 60893-3-6:2004/FprA1:2009

ja identne IEC 60893-3-6:2003/A1:200X

Tähtaeg 1.04.2009

**Insulating materials - Industrial rigid laminated sheets based on thermosettingresins for electrical purposes - Part 3-6: Specifications for individual materials -Requirements for rigid laminated sheets based on silicone resins**

Gives the requirements for industrial rigid laminated sheets for electrical purposes based on silicone resins and different reinforcements. Applications and distinguishing properties are given. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application should be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. In this revision of the IEC 60893 series of specifications, new material types have been included, changes have been made to the property requirements of some existing types, a new method for testing permittivity and dissipation factor has been added, and all non-specification data for each type has been moved to a new Part 4 document - IEC 60893-4: Typical values.

Keel en



### **EN 60893-3-7:2004/FprA1**

Identne EN 60893-3-7:2004/FprA1:2009

ja identne IEC 60893-3-7:2003/A1:200X

Tähtaeg 1.04.2009

#### **Insulating materials - Industrial rigid laminated sheets based on thermosetting resins for electrical purposes - Part 3-7: Specifications for individual materials - Requirements for rigid laminated sheets based on polyimide resins**

Gives the requirements for industrial rigid laminated sheets for electrical purposes based on polyimide resins and different reinforcements. Applications and distinguishing properties are given. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application should be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. In this revision of the IEC 60893 series of specifications, new material types have been included, changes have been made to the property requirements of some existing types, a new method for testing permittivity and dissipation factor has been added, and all non-specification data for each type has been moved to a new Part 4 document - IEC 60893-4; Typical values.

Keel en

### **FprEN 60332-3-10**

Identne FprEN 60332-3-10:2009

ja identne IEC 60332-3-10:2000 + A1:2008

Tähtaeg 1.04.2009

#### **Tests on electric and optical fibre cables under fire conditions - Part 3-10: Test for vertical flame spread of vertically-mounted bunched wires or cables - Apparatus**

The series of International Standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-1:2002

### **FprEN 60332-3-21**

Identne FprEN 60332-3-21:2009

ja identne IEC 60332-3-21:2000

Tähtaeg 1.04.2009

#### **Kaablite ühtsed tulekatsetusmeetodid. Leegi vertikaalse leviku katse vertikaalselt paigaldatud kimpjuhtmete või -kaablite korral. Osa 2-1: Protseduurid. Kategooria A F/R**

The series of International Standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-1:2002

### **FprEN 60332-3-22**

Identne FprEN 60332-3-22:2009

ja identne IEC 60332-3-22:2000 + A1:2008

Tähtaeg 1.04.2009

#### **Tests on electric and optical fibre cables under fire conditions - Part 3-22: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A**

The series of International Standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-2:2002

### **FprEN 60332-3-23**

Identne FprEN 60332-3-23:2009

ja identne IEC 60332-3-23:2000 + A1:2008

Tähtaeg 1.04.2009

#### **Tests on electric and optical fibre cables under fire conditions - Part 3-23: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category B**

The series of International standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-3:2002

### **FprEN 60332-3-24**

Identne FprEN 60332-3-24:2009

ja identne IEC 60332-3-24:2000 + A1:2008

Tähtaeg 1.04.2009

#### **Tests on electric and optical fibre cables under fire conditions - Part 3-24: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category C**

The series of International Standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-4:2002

### **FprEN 60332-3-25**

Identne FprEN 60332-3-25:2009

ja identne IEC 60332-3-25:2000 + A1:2008

Tähtaeg 1.04.2009

#### **Tests on electric and optical fibre cables under fire conditions - Part 3-25: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category D**

The series of International standards covered by Parts 3-10, 3-21, 3-22, 3-23, 3-24 and 3-25 of IEC 60332 specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

Keel en

Asendab EVS-EN 50266-2-5:2002

## **FprEN 61788-8**

Identne FprEN 61788-8:2009

ja identne IEC 61788-8:200X

Tähtaeg 1.04.2009

### **Superconductivity - Part 8: AC loss measurements - Total AC loss measurement of round superconducting wires exposed to a transverse alternating magnetic field at liquid helium temperature by a pickup coil method**

This part of IEC 61788-8 specifies the measurement method of total AC losses by the pickup coil method in composite superconducting wires exposed to a transverse alternating magnetic field. The losses may contain hysteresis, coupling and eddy current losses. The standard method to measure only the hysteresis loss in DC or low-sweep-rate magnetic field is specified in IEC 61788-13 [2].

Keel en

Asendab EVS-EN 61788-8:2003

## **prEN 50532**

Identne prEN 50532:2009

Tähtaeg 1.04.2009

### **Compact Equipment Assembly for Distribution Substations (CEADS)**

This European Standard specifies the service conditions, rated characteristics, general structural requirements and test methods of the prefabricated assembly of the main electrical functional units of a HV/LV Distribution Substation, duly interconnected, for alternating current of rated voltages above 1 kV and up to and including 52 kV on the HV side, service frequency 50 Hz. This assembly is to be cable-connected to the network. This Compact Equipment Assembly for Distribution Substation (CEADS) as defined in this standard is designed and tested to be a single product with a single serial number and one set of documentation. Such equipment is delivered as single transport unit, unless transport and/or erection conditions make it difficult or impossible.

Keel en

## **31 ELEKTROONIKA**

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS-EN 60512-25-9:2009**

Hind 166,00

Identne EN 60512-25-9:2008

ja identne IEC 60512-25-9:2008

#### **Connectors for electronic equipment - Tests and measurements -- Part 25-9: Signal integrity tests - Test 25i: Alien crosstalk**

This part of IEC 60512 defines a test method which is intended to assess the near-end alien crosstalk (ANEXT) and the far-end alien crosstalk (AFEXT) between connectors in close proximity, when mounted in their mounting systems. Both discrete modular connectors and multi-port panel connectors may be tested using this method. This method provides a means to test the alien (exogenous) crosstalk between any two ports, as well as a means to assess the overall alien crosstalk from all other ports. This test procedure is generally applicable to any electrical connector, and is particularly suitable to connectors described in IEC 60603-7 series, IEC 61076-3-104, and other types of connectors for data transmission.

Keel en

#### **EVS-EN 60700-1:2002/A2:2009**

Hind 114,00

Identne EN 60700-1:1998/A2:2008

ja identne IEC 60700-1:1998/A2:2008

#### **Thyristor valves for high voltage direct current (HVDC) power transmission -- Part 1: Electrical testing**

This standard applies to thyristor valves with metal oxide surge arresters directly connected between the valve terminals, for use in a line commutated converter for high voltage d.c. power transmission or as part of a back-to-back link. It is restricted to electrical type and production tests. The tests specified in this standard are based on air insulated valves. For other types of valves, the test requirements and acceptance criteria must be agreed.

Keel en

#### **EVS-EN 61076-3-116:2009**

Hind 178,00

Identne EN 61076-3-116:2008

ja identne IEC 61076-3-116:2008

#### **Connectors for electronic equipment - Product requirements - Part 3-116: Rectangular connectors - Detail specification for protective housings for use with 8-way shielded and unshielded connectors for frequencies up to 600 MHz for industrial environments incorporating the IEC 60603-7 series interface - Variant 13 related to IEC 61076-3-106 - Locking lever**

This part of IEC 61076 covers protective housings for upgrading existing 8-way shielded and unshielded connectors utilizing the interface described in IEC 60603-7-2, IEC 60603-7-3, IEC 60603-7-4, IEC 60603-7-5, and IEC 60603-7-7 to IP65 and IP67 ratings, according to IEC 60529, for use in industrial environments.

Keel en

#### **EVS-EN ISO 11553-1:2009**

Hind 155,00

Identne EN ISO 11553-1:2008

ja identne ISO 11553-1:2005

#### **Masinate ohutus. Lasertööluseseadmed. Osa 1: Üldised ohutusnõuded**

This part of ISO 11553 describes hazards generated by laser processing machines, as defined in 3.2, and specifies the safety requirements relating to radiation hazards and hazards generated by materials and substances. It also specifies the information to be supplied by the manufacturers of such equipment. Requirements dealing with noise as a hazard from laser processing machines are not included in this part of ISO 11553. They will be included in a subsequent amendment. This part of ISO 11553 is not applicable to laser products, or equipment containing such products, which are manufactured solely and expressly for the following applications: - photolithography; - stereolithography; - holography; - medical applications (per IEC 60601-2-22); - data storage.

Keel en

Asendab EVS-EN ISO 11553-1:2005

### **EVS-EN ISO 11553-2:2009**

Hind 178,00

Identne EN ISO 11553-2:2008

ja identne ISO 11553-2:2007

#### **Masinate ohutus. Lasertööluseseadmed. Osa 2: Käeshoitavate lasertööluseseadmete ohutusnõuded (ISO 11553-2:2007)**

This part of ISO 11553 specifies the requirements for laser processing devices, as defined in ISO 11553-1, which are hand-held or hand-operated. The purpose of this part of ISO 11553 is to draw attention to the particular hazards related to the use of hand-held laser and hand-operated laser processing devices and to prevent personal injury. This includes both the areas of hazard analysis and risk assessment as well as protective measures. Requirements concerning noise as a hazard are not included in this part of ISO 11553. These requirements are to be included in a subsequent amendment. This part of ISO 11553 does not apply to laser products or equipment manufactured solely or expressly for applications which are excluded from the scope of ISO 11553-1.

Keel en

Asendab EVS-EN ISO 11553-2:2007

### **ASENDATUD VÕI TÜHISTATUD STANDARDID**

#### **EVS-EN ISO 11553-1:2005**

Identne EN ISO 11553-1:2005

ja identne ISO 11553-1:2005

#### **Masinate ohutus. Lasertööluseseadmed. Osa 1: Üldised ohutusnõuded**

This part of ISO 11553 describes hazards generated by laser processing machines, as defined in 3.2, and specifies the safety requirements relating to radiation hazards and hazards generated by materials and substances. It also specifies the information to be supplied by the manufacturers of such equipment.

Keel en

Asendab EVS-EN 12626:1999

Asendatud EVS-EN ISO 11553-1:2009

#### **EVS-EN ISO 11553-2:2007**

Identne EN ISO 11553-2:2007

ja identne ISO 11553-2:2007

#### **Masinate ohutus. Lasertööluseseadmed. Osa 2: Käeshoitavate lasertööluseseadmete ohutusnõuded (ISO 11553-2:2007)**

This part of ISO 11553 specifies the requirements for laser processing devices, as defined in ISO 11553-1, which are hand-held or hand-operated. The purpose of this part of ISO 11553 is to draw attention to the particular hazards related to the use of hand-held laser and hand-operated laser processing devices and to prevent personal injury. This includes both the areas of hazard analysis and risk assessment as well as protective measures. Requirements concerning noise as a hazard are not included in this part of ISO 11553. These requirements are to be included in a subsequent amendment. This part of ISO 11553 does not apply to laser products or equipment manufactured solely or expressly for applications which are excluded from the scope of ISO 11553-1.

Keel en

Asendatud EVS-EN ISO 11553-2:2009

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **FprEN 60603-7-71**

Identne FprEN 60603-7-71:2009

ja identne IEC 60603-7-71:200X

Tähtaeg 1.04.2009

#### **Connectors for electronic equipment - Part 7-71: Detail specification for 8-way, shielded, free and fixed connectors, for data transmission with frequencies up to 1000 MHz**

This standard covers 8-way, shielded, free and fixed connectors, references dimensional, mechanical, electrical and environmental characteristics and tests in IEC 60603-7, and specifies electrical transmission requirements, including power sum alien (exogenous) crosstalk, for frequencies up to 1 000 MHz These connectors are typically used as category 7A connectors in class FA cabling systems specified in ISO/IEC IS 11801. These connectors are intermateable and interoperable with other IEC 60603-7 series connectors as defined in clause 2 of IEC 60603-7-1 and IEC 60603-7-7 These connectors are backward compatible with other IEC 60603-7 series connectors.

Keel en

## **33 SIDETEHNIKA**

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS-EN 41003:2009**

Hind 114,00

Identne EN 41003:2008

#### **Erinõuded telekommunikatsioonivõrku ühendatavate seadmete ohutusele**

This European Standard applies to equipment designed and intended to be connected as a terminal to a TELECOMMUNICATION NETWORK and/or a CABLE DISTRIBUTION SYSTEM termination. It does not apply to equipment covered by EN 60950-1 and EN 60065. This European Standard specifies the safety requirements of the interface to the TELECOMMUNICATION NETWORK and/or the CABLE DISTRIBUTION SYSTEM only and it does not specify any other safety requirements. It applies regardless of ownership or responsibility for installation or maintenance of the equipment, and regardless of the source of power.

Keel en

Asendab EVS-EN 41003:2001

**EVS-EN 50083-8:2007/A11:2009**

Hind 59,00

Identne EN 50083-8:2002/A11:2008

**Televisiooni-, heli- ja interaktiivse multimeedia signaalide kaabeljaotussüsteemid. Osa 8: Võrkude elektrimagnetiline ühilduvus**

EN 50083 seeria standardid käsitlevad kaabelvõrke, millede edastatakse televisioonilevisignaale, raadiolevisignaale ja interaktiivseid teenuseid ning muuhulgas ka seadmeid, süsteeme ning nende paigaldust - televisiooni- ja raadiolevisignaali ning nendega seotud andmesignaali vastuvõtuks, töötlemiseks ja jaotamiseks peajaamas ning - mistahes interaktiivsete teenuste signaalide töötlemiseks ja liidestamiseks ning edastamiseks mistahes võimalikus edastusmeediumis. Kõik võrgud, nagu: - kaabellevivõrgud (CATV), - MATV ja SMATV-võrgud, - individuaalvastuvõtusüsteemid ja ka kõik muud seadmed, süsteemid ja paigaldised, mis on paigaldatud eeltoodud võrkudesse, kuuluvad käsitlusalasse. Standardi reguleerimisala on alates peajaama antennidest, spetsiaalsetest signaaliallikatest või muudest võrgu sisendpunktidest kuni süsteemi väljundini või lõpppunktini, kui süsteemi väljund puudub. Lõppkasutaja lõppseadmetele (näiteks tüünerid, vastuvõtjad, dekodeerid, multimeedia lõppseadmed jne) samuti koaksiaal- ja optilistele kaablitele ning tarvikutele käesolev standard seega ei kohaldu.

Keel en

**EVS-EN 50290-2-24:2003/A1:2009**

Hind 80,00

Identne EN 50290-2-24:2002/A1:2008

**Kommunikatsioonikaablid. Osa 2-24: Projekteerimise üldjuhised ja konstruktsioon. Polüeteenmantel**

This Part 2-24 of EN 50290 gives specific requirements for PE sheathing compounds used in communication cables.

Keel en

**EVS-EN 50413:2009**

Hind 243,00

Identne EN 50413:2008

**Inimesele toimivate elektri-, magnet- ja elektromagnetväljade (0 Hz kuni 300 GHz) mõõtmis- ja arvutusviiside põhistandard**

This European Standard gives elements to establish methods for measurement and calculation of quantities associated with the assessment of human exposure to electric, magnetic and electromagnetic fields (EMF) in the frequency range from 0 Hz to 300 GHz. The major intention of this Basic Standard is to give the common background and information to relevant EMF standards. This Basic Standard cannot go into details extensively due to the broad frequency range and the huge amount of possible applications. Therefore it is not possible to specify detailed calculation or measurement procedures in this Basic Standard. This standard provides general procedures only for those product and workplace categories for which there do not exist any relevant assessment procedures in any existing European EMF basic standard.

Keel en

**EVS-EN 50514:2009**

Hind 80,00

Identne EN 50514:2008

**Audio, video and information technology equipment - Routine electrical safety testing in production**

This European Standard defines routine test procedures for use during or after manufacturing of complete equipments, sub-assemblies or components, certified or declared as complying with EN 60065 or EN 60950-1 and powered by an a.c. or d.c. mains supply. It defines the ROUTINE ELECTRICAL SAFETY TESTs and their procedures to be applied during or at the end of the manufacturing process of apparatus certified or declared as complying with EN 60065 or EN 60950-1. The application of the tests detailed in this European Standard is design dependent and needs to be defined by the manufacturer.

Keel en

Asendab EVS-EN 50333:2002; EVS-EN 50116:2006

**EVS-EN 60794-2-30:2009**

Hind 178,00

Identne EN 60794-2-30:2008

ja identne IEC 60794-2-30:2008

**Optical fibre cables - Part 2-30: Indoor cables - Family specification for ribbon cables**

This part of IEC 60794 is a family specification which covers optical fibre ribbon cables for indoor use. The requirements of the sectional specification IEC 60794-2 are applicable to cables covered by this standard. Clause B.2 contains requirements that supersede the normal requirements in case the cables are intended to be used in installations governed by the MICE table of ISO/IEC 24702.

Keel en

Asendab EVS-EN 60794-2-30:2003

**EVS-EN 60794-3-40:2009**

Hind 229,00

Identne EN 60794-3-40:2008

ja identne IEC 60794-3-40:2008

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

This part of IEC 60794 is a family specification that covers sewer cables and conduits for installation by blowing and/ or pulling in non-man accessible storm and sanitary sewers, also applicable for man-accessible and lateral ones. Systems built with components covered by this standard are subject to the requirements of sectional specification IEC 60794-3. Sewer cable and conduit constructions have to meet the different requirements of the sewer operating companies and/or associations regarding chemical, environmental, operational, cleaning and in general maintenance conditions.

Keel en

### **EVS-EN 60794-3-50:2009**

Hind 209,00

Identne EN 60794-3-50:2008

ja identne IEC 60794-3-50:2008

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

This part of IEC 60794 is a family specification that covers gas pipe cables and subducts for installation by blowing and/or pulling/dragging in high pressure gas pipes (400 mbar to 4 bar). Systems built with components covered by this standard are subject to the requirements of sectional specification IEC 60794-3. Gas pipe cable and subduct constructions have to meet the different requirements of the gas-companies and/or associations regarding chemical, environmental, operational interactions and in general maintenance conditions.

Keel en

### **EVS-EN 60794-3-60:2009**

Hind 219,00

Identne EN 60794-3-60:2008

ja identne IEC 60794-3-60:2008

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

This part of IEC 60794 is a family specification that covers drinking water pipe cables and subducts for installation by blowing and/or pulling/dragging/floating in drinking water pipes. Systems built with components covered by this standard are subject to the requirements of sectional specification IEC 60794-3. Drinking water pipe cable and subduct constructions have to meet the different requirements of the drinking water companies and/or associations regarding chemical, environmental, operational interactions and in general maintenance conditions.

Keel en

### **ASENDATUD VÕI TÜHISTATUD STANDARDID**

#### **EVS-EN 41003:2001**

Identne EN 41003:1998

#### **Erinõuded telekommunikatsioonivõrku ühendatavate seadmete ohutusele**

This standard applies to equipment designed and intended to be connected to a TELECOMMUNICATIONS NETWORK termination. It does not apply to equipment covered by EN 60950. It applies regardless of ownership or responsibility for installation or maintenance of the equipment, and regardless of the source of power. This standard, in accordance with the "principles of safety" given in the introduction of EN 60950, covers the requirements and compliance criteria under three headings.

Keel en

Asendatud EVS-EN 41003:2009

### **EVS-EN 60794-2-30:2003**

Identne EN 60794-2-30:2003

ja identne IEC 60794-2-30:2003

#### **Optical fibre cables - Part 2-30: Indoor cables - Family specification for optical fibre ribbon cables**

Deals with optical fibre ribbon cable for indoor use. The requirements of the sectional specification IEC 60794-2 are applicable to cables covered by this standard

Keel en

Asendatud EVS-EN 60794-2-30:2009

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **FprEN 61300-2-21**

Identne FprEN 61300-2-21:2009

ja identne IEC 61300-2-21:200X

Tähtaeg 1.04.2009

#### **Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-21: Tests - Composite temperature-humidity cyclic test**

The purpose of this part of IEC 61300 is to determine the resistance of a fibre optic device to the deteriorative effects of high temperature, humidity and cold conditions. It is intended to reveal defects in a device under test (DUT) caused by breathing as opposed to absorption of moisture. The test covers the effect of the freezing of trapped water in cracks and fissures as well as condensation. However, the degree of condensation will vary depending on the size and thermal mass of the DUT. This test differs from other cyclic damp heat tests in that it derives its increased severity from: a) a greater number of temperature variations leading to pumping actions in a given time; b) a greater cyclic temperature range; c) a higher rate of change of temperature; d) the inclusion of a number of excursions to sub-zero temperature. This type of test is particularly important for fibre optic devices made of a variety of different materials.

Keel en

Asendab EVS-EN 61300-2-21:2002

#### **FprEN 61754-24**

Identne FprEN 61754-24:2008

ja identne IEC 61754-24:200X

Tähtaeg 1.04.2009

#### **Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 24: Type SC-RJ connector family**

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

Keel en

## **FprEN 62150-4**

Identne FprEN 62150-4:2009

ja identne IEC 62150-4:200X

Tähtaeg 1.04.2009

### **Fibre optic active components and devices - Basic test and measurement procedures - Part 4: Relative intensity noise using a time-domain optical detection system**

This International Standard specifies test and measurement procedure for relative intensity noise (RIN). It applies to lasers, laser transmitters, and the transmitter portion of transceivers. This procedure examines whether the device or module satisfies the appropriate performance specification. The procedure is applicable to single longitudinal mode (SLM) and multi-longitudinal mode (MLM) lasers and to devices coupled to single mode fibre (SMF) and multimode fibre (MMF). An optional section of the procedure presents a controlled return loss to the device-under-test, but is only applicable to devices coupled to SMF.

Keel en

## **prEN 50411-3-2**

Identne prEN 50411-3-2:2009

Tähtaeg 1.04.2009

### **Fibre organisers and closures to be used in optical fibre communication systems - Product specifications - Part 3-2: Singlemode mechanical fibre splice**

This standard contains the initial, start of life dimensional, optical, mechanical and environmental performance requirements, which a singlemode mechanical splice must meet in order for it to be categorised as an EN standard product. Since different variants and grades of performance are permitted, product marking and identification details are given in 3.5. Although in this document the product is qualified for EN 60793-2-50 type B1.1 singlemode fibre it may also be suitable for other fibre types.

Keel en

## **35 INFOTEHNOLOOGIA. KONTORISEADMED**

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS-EN 14890-1:2009**

Hind 394,00

Identne EN 14890-1:2008

#### **Application Interface for smart cards used as Secure Signature Creation Devices - Part 1: Basic services**

Part 1 of this series specifies the application interface to Smart Cards during the usage phase, used as Secure Signature Creation Devices (SSCD) according to the Terms of the European Directive on Electronic Signature 1999/93 to enable interoperability and usage as SSCD on a national or European level. This document describes the mandatory services for the usage of Smart Cards as SSCDs based on CEN CWA 14890 (all parts). This covers the signing function, storage of certificates, the related user verification, establishment and use of trusted path and channel, requirements for key generation and the allocation and format of resources required for the execution of those functions and related cryptographic token information.

Keel en

### **ASENDATUD VÕI TÜHISTATUD STANDARDID**

#### **EVS-EN 50116:2006**

Identne EN 50116:2006

#### **Information technology equipment - Routine electrical safety testing in production**

This European Standard defines routine test procedures for use during or after manufacturing of complete equipments, sub-assemblies or components, certified or declared as complying with EN 60950 or EN 60950-1 and powered by an a.c. or d.c. mains supply.

Keel en

Asendab EVS-EN 50116:2002

Asendatud EVS-EN 50514:2009

#### **EVS-EN 61298-3:2002**

Identne EN 61298-3:1998

ja identne IEC 61298-3:1998

#### **Process measurement and control devices - General methods and procedures for evaluating performance -- Part 3: -Tests for the effects of influence quantities**

This part of IEC 61298 specifies general methods and procedures for conducting tests and reporting on the functional and performance characteristics of process measurement and control devices. The tests are applicable to any such devices characterized by their own specific input and output variables, and by the specific relationship (transfer function) between the inputs and outputs, and include analogue and digital devices. For devices that require special tests, this part of IEC 6661298 is to be used, together with any product-specific standard specifying special tests.

Keel en

Asendatud EVS-EN 61298-3:2009

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **FprEN 61784-3**

Identne FprEN 61784-3:2009

ja identne IEC 61784-3:200X

Tähtaeg 1.04.2009

#### **Industrial communication networks - Profiles - Part 3: Functional safety fieldbuses**

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

Asendab EVS-EN 61784-3:2008

#### **prEN 1047-2**

Identne prEN 1047-2:2009

Tähtaeg 1.04.2009

#### **Secure storage units - Classification and methods of test for resistance to fire - Part 2: Data rooms and data containers**

This Part of the European Standard EN 1047 specifies requirements for data rooms and data containers. It includes a method of test for the determination of the ability of data rooms and data containers to protect temperature and humidity sensitive data media (see 3.5) and hardware systems (see 3.6) from the effects of fire. A test method for measuring the resistance to mechanical stress (impact test) provided by data rooms type B and data containers is also specified.

Keel en

Asendab EVS-EN 1047-2:2000

#### **prEN 15518-1**

Identne prEN 15518-1:2009

Tähtaeg 1.04.2009

#### **Winter maintenance equipment - Road weather information systems - Part 1: Global definitions and components**

This European Standard defines the "Road Weather Information Systems" (RWIS) concept for public roads and traffic surfaces. This standard applies to the acquisition of data on weather-related road and environment conditions as well as their forecast. This information is typically used for road maintenance and can serve other systems like traffic management, road users information, data models, etc.

Keel en

#### **prEN 15518-2**

Identne prEN 15518-2:2009

Tähtaeg 1.04.2009

#### **Winter maintenance equipment - Road weather information systems - Part 2: Road weather - Recommended observation and forecast**

This European Standard specifies the frequency, resolution and content of road weather observation and forecast products for a Road Weather Information Systems (RWIS).

Keel en

#### **prEN 15518-3**

Identne prEN 15518-3:2009

Tähtaeg 1.04.2009

#### **Winter maintenance equipment - Road weather information systems - Part 3: Requirements on measured values of stationary equipments**

This European Standard specifies the terminology and performance requirements for all components of a stationary equipment within a Road Weather Information Systems (RWIS).

Keel en

#### **prEN ISO 17573**

Identne prEN ISO 17573:2009

ja identne ISO/DIS 17573:2009

Tähtaeg 1.04.2009

#### **Electronic fee collection - Systems architecture for vehicle related tolling**

This Standard defines the architecture of a toll system environment in which a customer with one contract may use a vehicle in a variety of toll domains and with a different toll charger for each domain. Toll systems covered by this Standard may be used for various purposes including road (network) tolling, area tolling, collecting toll for bridges, tunnels, ferries, for access, for parking. From a technical point of view the considered toll systems use electronic equipments on board of a vehicle. From a process point of view the architectural description focuses on fee determination, fee charging, and the associated enforcement measures. The actual collection of the fee, i.e. collecting payments, is not included.

Keel en

Asendab CEN ISO/TS 17573:2003

#### **prEN ISO 19141**

Identne prEN ISO 19141:2009

ja identne ISO 19141:2008

Tähtaeg 1.04.2009

#### **Geographic information - Schema for moving features**

This International Standard defines a method to describe the geometry of a feature that moves as a rigid body. Such movement has the following characteristics. a) The feature moves within any domain composed of spatial objects as specified in ISO 19107. b) The feature may move along a planned route, but it may deviate from the planned route. c) Motion may be influenced by physical forces, such as orbital, gravitational, or inertial forces. d) Motion of a feature may influence or be influenced by other features, for example: 1) The moving feature might follow a predefined route (e.g. road), perhaps part of a network, and might change routes at known points (e.g. bus stops, waypoints). 2) Two or more moving features may be "pulled" together or pushed apart (e.g. an airplane will be refuelled during flight, a predator detects and tracks a prey, refugee groups join forces). 3) Two or more moving features may be constrained to maintain a given spatial relationship for some period (e.g. tractor and trailer, convoy).

Keel en

## **43 MAANTEESÕIDUKITE EHITUS**

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS-EN 1493:1999+A1:2009**

Hind 256,00

Identne EN 1493:1998+A1:2008

#### **Sõidukitõstukid KONSOLIDEERITUD TEKST**

This standard applies to stationary, mobile and movable vehicle lifts, which are not intended to lift persons but which are designed to raise vehicles totally, for the purpose of examining and working on or under the vehicles whilst in a raised position. The vehicle lift may consist of one or more lifting units. Power supply to the vehicle lift by internal combustion engines is not considered. The floor or ground supporting the vehicle lift in use is assumed to be horizontal.

Keel en

Asendab EVS-EN 1493:1999

### **EVS-EN 13019:2001+A1:2009**

Hind 178,00

Identne EN 13019:2001+A1:2008

#### **Teepinnapuhastusmasinad. Ohutusnõuded KONSOLIDEERITUD TEKST**

This European Standard applies to road surface cleaning machines, which are defined in clause 3. The equipment would normally be mounted on a carrier vehicle (e.g. truck, tractor, construction machinery and mobile industrial handling equipment). It is also possible to mount a road surface cleaning machine on its own chassis construction and propulsion system. In all cases the machine and chassis form an integral unit. Directives and standards for the vehicular truck chassis aspect, termed 'carrier vehicle' in this standard, would be those relative to that equipment, even where specific modifications have been made to realize the road surface cleaning application. The use in public road traffic is governed by the national regulations.

Keel en

Asendab EVS-EN 13019:2001

### **EVS-EN 13021:2003+A1:2009**

Hind 198,00

Identne EN 13021:2003+A1:2008

#### **Talvise hoolduse masinad. Ohutusnõuded KONSOLIDEERITUD TEKST**

This European Standard applies to winter service machines which are defined in clause 3. This European Standard deals with all significant hazards (see clause 4) identified through a risk assessment pertinent to winter service machines when they are used as intended and under the conditions foreseen by the manufacturer. This European Standard does not deal with significant hazards associated with "deleted text" EMC. This European Standard specifies the appropriate technical measures to eliminate or reduce risks arising from these significant hazards associated only with machine operation, setting and adjustments, load discharge and routine maintenance.

Keel en

Asendab EVS-EN 13021:2003

### **ASENDATUD VÕI TÜHISTATUD STANDARDID**

#### **EVS-EN 1493:1999**

Identne EN 1493:1998

#### **Sõidukitõstukid**

See standard kehtib statsionaarsete, teisaldatavate ja liikurtõstukite kohta, mis ei ole ette nähtud inimeste tõstmiseks, kuid mis on konstrueeritud kogu sõiduki ülestõstmiseks eesmärgiga uurida sõidukeid ja töötada sõidukite all või peal sel ajal, mil sõidukid on üles tõstetud. Sõidukitõstuk võib koosneda ühest või enamast tõsteüksusest.

Keel en

Asendatud EVS-EN 1493:1999+A1:2009

#### **EVS-EN 13019:2001**

Identne EN 13019:2001

#### **Teepinnapuhastusmasinad. Ohutusnõuded**

This standard applies to road surface cleaning machines. The equipment would normally be mounted on a carrier vehicle (e.g. truck, tractor, construction machinery and mobile industrial handling equipment).

Keel en

Asendatud EVS-EN 13019:2001+A1:2009

### **EVS-EN 13021:2003**

Identne EN 13021:2003

#### **Talvise hoolduse masinad. Ohutusnõuded**

This European Standard applies to winter service machines which are defined in clause 3. This European Standard deals with all significant hazards (see clause 4) identified through a risk assessment pertinent to winter service machines when they are used as intended and under the conditions foreseen by the manufacturer. This European Standard does not deal with significant hazards associated with noise and EMC

Keel en

Asendatud EVS-EN 13021:2003+A1:2009

## **45 RAUDTEETEHNIKA**

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **prEN 15877-1**

Identne prEN 15877-1:2009

Tähtaeg 1.04.2009

#### **Railway applications - Marking on railway vehicles - Part 1: Freight wagons**

This part of the standard identifies the information required to be marked on freight wagons, or parts of freight wagons, relating to their technical and operational characteristics. It defines the characteristics of these markings, the requirements pertaining to their presentation, their shape and position on a vehicle, and their meaning. Some markings are accompanied with note (s) where appropriate. Tank barrel manufacturers' design criteria, test and product specification plates have not been considered in this European Standard as they are specified in prEN 12561-1:2007 Part 1: "Manufacturers' Tank Identification Plates for Tanks for the Carriage of Dangerous Goods". Dangerous Goods signs have not been considered in this European Standard where fully specified in RID1) (dimensions, colour, location and form). Where markings are not fully specified in RID they are included in this standard.

Keel en

#### **prEN 15892**

Identne prEN 15892:2009

Tähtaeg 1.04.2009

#### **Railway applications - Noise Emission - Measurement of noise inside driver's cabs**

This European standard specifies a type test method to measure noise levels inside the driving cabs of railway vehicles for assessing compliance with the relevant requirements of the Conventional Rail Noise Technical Specification for Interoperability (TSI) and the High-Speed Rolling Stock TSI. This method is applicable to: - The measurement of noise resulting from the sounding of external warning horns when the vehicle is stationary; - the measurement of noise while the vehicle is running. The method is not applicable to: - The measurement of the noise from internal and external audible devices other than external warning horns; - routine monitoring of the noise exposure of train crew. The test procedures specified in this European Standard are of engineering grade (grade 2) with a precision of  $\pm 2$  dB, which is the preferred method for noise declaration purposes, as defined in EN ISO 12001.

Keel en



## 47 LAEVAEHITUS JA MERE-EHITISED

### UUED STANDARDID JA PUBLIKATSIOONID

#### **EVS-EN 15609:2009**

Hind 209,00

Identne EN 15609:2008

#### **Vedelgaasi (LPG) seadmed ja lisavarustus. LPG käitamissüsteemid paatidele, jahtidele ja muudele veesõidukitele. Paigaldamisnõuded**

This European Standard specifies the requirements for the LPG propulsion systems on craft with hull lengths less than or equal to 24 meters, see Directive 94/25.

Keel en

#### **EVS-EN 61174:2009**

Hind 336,00

Identne EN 61174:2008

ja identne IEC 61174:2008

#### **Maritime navigation and radiocommunication equipment and systems - Electronic chart display and information system (ECDIS) - Operational and performance requirements, methods of testing and required test results**

This International Standard specifies the performance requirements, methods of testing and required test results of equipment conforming to performance standards not inferior to those adopted by the IMO in resolution MSC.232(82). This standard is based upon the performance standards of IMO resolution MSC.232(82), and is also associated with IMO resolution A.694(17) and IEC 60945. Reference is made, where appropriate, to IMO resolution MSC.232(82), and all subclauses whose wording is identical to that in the resolution are printed in italics.

Keel en

Asendab EVS-EN 61174:2002

#### **EVS-EN ISO 7547:2005/AC:2009**

Hind 0,00

Identne EN ISO 7547:2004/AC:2009

ja identne ISO 7547:2002/Cor.1:2008

#### **Ships and marine technology - Air-conditioning and ventilation of accommodation spaces - Design conditions and basis of calculations**

Keel en

#### **EVS-EN ISO 21487:2007/AC:2009**

Hind 0,00

Identne EN ISO 21487:2006/AC:2009

ja identne ISO 21487:2006/Cor 1:2008

#### **Väikelaevad. Püsipaigaldatud bensiini- ja diislikütuse paagid**

Keel en

#### **EVS-ISO 28000:2009**

Hind 135,00

ja identne ISO 28000:2007

#### **Tarneahela turvalisuse tagamise juhtimissüsteemide spetsifikatsioon**

Käesolev rahvusvaheline standard täpsustab turvalisuse tagamise juhtimissüsteemi nõudeid, kaasaarvatud tarneahela turvalisuse tagamise kriitilisi aspekte. Turvalisuse tagamine on seotud ärijuhtimise paljude muude aspektidega. Aspektid hõlmavad kõiki toiminguid, mida kontrollivad või mõjutavad tarneahela turvalisusele mõju avaldavad ettevõtted. Nende aspektide puhul tuleks arvestada otseselt, kus ja kuidas nad mõjutavad turvalisuse tagamist, kaasaarvatud nende toodete transportimist tarneahelas. Käesolev rahvusvaheline standard sobib igas suuruses ettevõtetele, väikestest paljurahvuseliseni, tootmises, teeninduses, ladustamises või transpordis tootmise või tarneahela igas etapis ning mille sooviks on: - luua, rakendada, säilitada ja täiustada turvalisuse tagamise süsteemi; - tagada vastavus kinnitatud turvalisuse tagamise poliitikale; - näidata seda vastavust teistele; - taotleda oma turvalisuse tagamise süsteemi sertifitseerimist/registreerimist akrediteeritud neutraalse sertifitseerimisasutuse poolt; määratleda end kooskõlas käesoleva rahvusvahelise standardiga. Mõned seadusandlikud ja reguleerivad eeskirjad osutavad käesoleva rahvusvahelise standardi teatud nõuetele. Käesoleva standardi eesmärk ei ole nõuda kohandamise teistkordset kooskõlastust. Ettevõtted, kes valivad neutraalse sertifitseerimise, saavad edaspidi näidata, et panustavad oluliselt tarneahela turvalisusele.

Keel en

#### **EVS-ISO 28001:2009**

Hind 188,00

ja identne ISO 28001:2007

#### **Tarneahela turvalisuse tagamise juhtimissüsteemid. Parimad viisid tarneahela turvalisuse tagamiseks, hinnangud ja plaanid. Nõuded ja juhised**

Käesolev rahvusvaheline standard sisaldab nõudeid ja juhiseid rahvusvahelise tarneahela ettevõtetele, selleks et: arendada ja rakendada tarneahela turvalisuse protsesse; tagada ja dokumenteerida tarneahela või selle osa turvalisus minimaalsel tasemel; aidata tagada vastavus kehtivatele volitatud ettevõtja (AEO – authorized economic operator) kriteeriumitele, mida esindab Maailma Tolliorganisatsiooni standardite süsteem, ning rahvuslikele tarneahela turvalisuse programmidele. MÄRKUS Üksnes osalev rahvuslik tolliagentuur saab määrata ettevõtteid AEO-deks vastavalt tarneahela turvalisuse programmile ja tema sertifitseerimise ja valideerimise nõuetele. Lisaks sellele esitab käesolev rahvusvaheline standard kindlad dokumenteerimise nõuded, mis võimaldavad ehtsust kontrollida. Käesoleva rahvusvahelise standardi kasutajad määravad kindlaks rahvusvahelise tarneahela osa, mille ulatuses nad peavad tagama turvalisuse (vaata 4.1); viivad läbi turvalisuse hindamisi selles tarneahela osas ning arendavad välja vajalikke vastumeetmeid; arendavad ja rakendavad tarneahela turvalisuse plaani; koolitavad turvapersonali nende turvalisusega seotud kohustuste alal.

Keel en

## **EVS-ISO 28003:2009**

Hind 229,00

ja identne ISO 28003:2007

### **Tarneahela turvalisuse tagamise juhtimissüsteemid. Nõuded asutustele, mis auditeerivad ja sertifitseerivad tarneahela turvalisuse tagamise juhtimissüsteeme**

Käesolev rahvusvaheline standard sisaldab põhimõtteid ja nõudeid asutustele, mis auditeerivad ja sertifitseerivad tarneahela turvalisuse tagamise juhtimissüsteeme vastavalt juhtimissüsteemi spetsifikatsioonile ja standarditele, nagu näiteks ISO 28000. Standard määratleb minimaalsed nõuded sertifitseerivale asutusele ja sellega seotud audiitoritele, arvestades erakordset konfidentsiaalsuse vajadust klienttettevõtte auditeerimisel ja sertifitseerimisel/registreerimisel. Tarneahela turvalisuse tagamise juhtimissüsteemi nõuded võivad pärineda erinevatest allikatest ning käesolev rahvusvaheline standard on koostatud selleks, et abistada tarneahela turvalisuse tagamise juhtimissüsteemi sertifitseerimist vastavalt ISO 28000 "Tarneahela turvalisuse tagamise juhtimissüsteemi spetsifikatsiooni" nõuetele ning muudele tarneahela turvalisuse tagamise juhtimissüsteemi rahvusvahelistele standarditele. Käesoleva rahvusvahelise standardi sisu võib kasutada ka selliste tarneahela turvalisuse tagamise juhtimissüsteemide sertifitseerimise toetamiseks, mis tuginevad teistsugustele spetsiifilistele tarneahela turvalisuse tagamise juhtimissüsteemi nõuetele. Käesolev rahvusvaheline standard: annab ühtlustatud juhiseid ISO 28000 (või muu spetsiifilise tarneahela turvalisuse tagamise juhtimissüsteemi nõude) sertifikaati/registreeringut taotlevate sertifitseerimisasutuste akrediteerimiseks; määrab tarneahela turvalisuse tagamise juhtimissüsteemi standardi nõuetele (või muudele spetsiifilistele tarneahela turvalisuse tagamise juhtimissüsteemi nõuete kogumitele) vastavad reeglid, mis kehtivad tarneahela turvalisuse tagamise juhtimissüsteemi auditeerimisel ja sertifitseerimisel; annab klientidele vajalikku informatsiooni ja kindlust selle kohta, kuidas teostatakse nende varustajate sertifitseerimist. MÄRKUS 1 Tarneahela turvalisuse tagamise juhtimissüsteemi sertifitseerimist nimetatakse mõnikord ka registreerimiseks ning sertifitseerimisasutusi nimetatakse vahel registraatoriteks. MÄRKUS 2 Sertifitseerimisasutus võib olla riiklik või mitteriiklik (seadusandlike volitustega või mitte). MÄRKUS 3 Käesolevat rahvusvahelist standardit võib kasutada kriteeriumite kogumina akrediteerimisel, vastastikuse eksperdi hinnangu andmisel või muudes auditeerimisprotsessides nende turvalisusega seotud kohustuste alal.

Keel en

## **EVS-ISO 28004:2009**

Hind 256,00

ja identne ISO 28004:2007

### **Tarneahela turvalisuse tagamise juhtimissüsteemid. Juhised ISO 28000 rakendamiseks**

Käesolev rahvusvaheline standard annab üldist nõu ISO 28000:2007 "Tarneahela turvalisuse tagamise juhtimissüsteemide spetsifikatsiooni" rakendamiseks. See selgitab ISO 28000 põhiprintsiipe ning kirjeldab iga ISO 28000 nõude eesmärki, tüüpilisi lähteandmeid, protsesse ja tüüpilisi väljundeid. See aitab mõista ja rakendada ISO 28000. Käesolev rahvusvaheline standard ei sätesta lisanõudeid standardis ISO 28000 toodutele ega kirjuta ette kohustuslikke mooduseid ISO 28000 rakendamiseks.

Keel en

## **ASENDATUD VÕI TÜHISTATUD STANDARDID**

### **EVS-EN 61174:2002**

Identne EN 61174:2001

ja identne IEC 61174:2001

### **Maritime navigation and radiocommunication equipment and systems - Electronic chart display and information system (ECDIS) - Operational and performance requirements, methods of testing and required test results**

This International Standard specifies the performance requirements, methods of testing and required test results of equipment conforming to performance standards not inferior to those adapted by the IMO resolution A.817. This standard is based upon the performance standards of IMO resolution A.817, and is also associated with IMO resolution A.694 and IEC 60945. Reference is made, where appropriate, to IMO resolution A.817, and all subclauses whose wording is identical to that in the resolution are printed in italics.

Keel en

Asendatud EVS-EN 61174:2009

## **KAVANDITE ARVAMUSKÜSITLUS**

### **FprEN ISO 10088**

Identne FprEN ISO 10088:2009

ja identne ISO/FDIS 10088:2009

Tähtaeg 1.04.2009

### **Small craft - Permanently installed fuel systems**

This International Standard specifies the requirements for the design, materials, construction, installation and testing of permanently installed fuel systems as installed for internal combustion engines. It applies to all parts of permanently installed diesel and petrol fuel systems as installed, from the fuel fill opening to the point of connection with the propulsion or auxiliary engine on inboard- and outboard-powered small craft of up to 24 m hull length. Requirements for the design, materials, construction and testing of permanently installed fixed fuel tanks are given in ISO 21487.

Keel en

Asendab EVS-EN ISO 10088:2002

## **49 LENNUNDUS JA KOSMOSETEHNIKA**

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS-EN 2206:2009**

Hind 80,00

Identne EN 2206:2008

#### **Aerospace series - Steel FE-PL1502 (25CrMo4) - 650 MPa ≤ Rm ≤ 850 MPa - Bars - De ≤ 150 mm**

This standard specifies the requirements relating to: Steel FE-PL1502 (25CrMo4) 650 MPa ≤ Rm ≤ 850 MPa Bars De ≤ 150 mm for aerospace applications.

Keel en

**EVS-EN 2209:2009**

Hind 80,00

Identne EN 2209:2008

**Aerospace series - Steel FE-PL1502 (25CrMo4) - 900 MPa ≤ Rm ≤ 1 100 MPa - Sheets, strips and plates - 0,5 mm ≤ a ≤ 20 mm**

This standard specifies the requirements relating to: Steel FE-PL1502 (25CrMo4) 900 MPa ≤ Rm ≤ 1 100 MPa Sheets, strips and plates 0,5 mm ≤ a ≤ 20 mm for aerospace applications.

Keel en

**EVS-EN 2438:2009**

Hind 80,00

Identne EN 2438:2008

**Aerospace series - Steel FE-PL2102 (35NiCr6) - 900 MPa ≤ Rm ≤ 1 100 MPa - Bars - De ≤ 40 mm**

This standard specifies the requirements relating to: Steel FE-PL2102 (35NiCr6) 900 MPa ≤ Rm ≤ 1 100 MPa Bars De ≤ 40 mm for aerospace applications.

Keel en

**EVS-EN 2446:2009**

Hind 80,00

Identne EN 2446:2008

**Aerospace series - Steel FE-PL1503 (35CrMo4) - 1 100 MPa ≤ Rm ≤ 1 300 MPa - Bars - De ≤ 25 mm**

This standard specifies the requirements relating to: Steel FE-PL1503 (35CrMo4) 1 100 MPa ≤ Rm ≤ 1 300 MPa Bars De ≤ 25 mm for aerospace applications.

Keel en

**EVS-EN 2448:2009**

Hind 80,00

Identne EN 2448:2008

**Aerospace series - Steel FE-PL1503 (35CrMo4) - 900 MPa ≤ Rm ≤ 1 100 MPa - Bars - De ≤ 40 mm**

This standard specifies the requirements relating to: Steel FE-PL1503 (35CrMo4) 900 MPa ≤ Rm ≤ 1 100 MPa Bars De ≤ 40 mm for aerospace applications.

Keel en

**EVS-EN 2542:2009**

Hind 80,00

Identne EN 2542:2008

**Aerospace series - Steel FE-PL1502 (25CrMo4) - Annealed - Bar and wire - De ≤ 40 mm - For prevailing torque nuts**

This standard specifies the requirements relating to: Steel FE-PL1502 (25CrMo4) Annealed Bar and wire De ≤ 40 mm For prevailing torque nuts for aerospace applications.

Keel en

**KAVANDITE ARVAMUSKÜSITLUS****FprEN 4071**

Identne FprEN 4071:2009

Tähtaeg 1.04.2009

**Aerospace series - Bolts, normal hexagonal head, close tolerance normal shank, short thread, in titanium alloy, aluminium IVD coated - Classification: 1 100 MPa (at ambient temperature) / 425 °C**

This standard specifies the characteristics of bolts, normal hexagonal head, close tolerance normal shank, short thread, in titanium alloy, aluminium IVD coated. Classification: 1 100 MPa 1) / 425 °C 2)

Keel en

**FprEN 4132**

Identne FprEN 4132:2009

Tähtaeg 1.04.2009

**Aerospace series - Bolts, normal hexagonal head, coarse tolerance normal shank, long thread, in alloy steel, cadmium plated - Classification: 1 100 MPa (at ambient temperature) / 235 °C**

This standard specifies the characteristics of bolts, normal hexagonal head, coarse tolerance normal shank, long thread, in alloy steel, cadmium plated.

Classification: 1 100 MPa 1) / 235 °C 2)

Keel en

**FprEN 4534-2**

Identne FprEN 4534-2:2009

Tähtaeg 1.04.2009

**Aerospace series - Bushes, plain in aluminium alloy with self-lubricating liner, elevated load - Part 2: Dimensions and loads - Inch series**

This standard specifies the characteristics of plain bushes in aluminium alloy with self-lubricating liner, elevated load for aerospace applications. The bushes are intended for use in fixed or moving parts of the aircraft structure and control mechanisms. They shall be used in the temperature range – 55 °C to 121 °C.

Keel en

**FprEN 4535-2**

Identne FprEN 4535-2:2009

Tähtaeg 1.04.2009

**Aerospace series - Bushes, flanged in aluminium alloy with self-lubricating liner, elevated load - Part 2: Dimensions and loads - Inch series**

This standard specifies the characteristics of bushes flanged in aluminium alloy with self-lubricating liner elevated load for aerospace applications. The bushes are intended for use in fixed or moving parts of the aircraft structure and control mechanisms. They shall be used in the temperature range – 55 °C to 121 °C.

Keel en

**FprEN 4536-2**

Identne FprEN 4536-2:2009

Tähtaeg 1.04.2009

**Aerospace series - Bushes, plain in corrosion resisting steel with self-lubricating liner, elevated load - Part 2: Dimensions and loads - Inch series**

This standard specifies the characteristics of plain bushes in corrosion resisting steel with self-lubricating liner, elevated load for aerospace applications. The bushes are intended for use in fixed or moving parts of the aircraft structure and control mechanisms. They shall be used in the temperature range – 55 °C to 163 °C.

Keel en

**FprEN 4537-2**

Identne FprEN 4537-2:2009

Tähtaeg 1.04.2009

**Aerospace series - Bushes, flanged in corrosion-resisting steel with self-lubricating liner, elevated load - Part 2: Dimensions and loads - Inch series**

This standard specifies the characteristics of flanged bushes in corrosion resisting steel with self-lubricating liner elevated load for aerospace applications. The bushes are intended for use in fixed or moving parts of the aircraft structure and control mechanisms. They shall be used in the temperature range – 55 °C to 163 °C.

Keel en

## **FprEN 62616**

Identne FprEN 62616:2009

ja identne IEC 62616:200X

Tähtaeg 1.04.2009

### **Maritime navigation and radiocommunication equipment and systems - Bridge navigational watch alarm system (BNWAS) - Performance requirements, methods of testing and required test results**

This International Standard specifies the minimum performance requirements, technical characteristics and methods of testing, and required test results, for a bridge navigational watch alarm system (BNWAS) as required by Chapter V of the International Convention for the Safety of Life at Sea (SOLAS), as amended. It takes account of the general requirements given in IMO resolution A.694(17) and is associated with IEC 60945. When a requirement in this standard is different from IEC 60945, the requirement in this standard takes precedence. This standard incorporates the applicable parts of the performance standards included in IMO resolution MSC.128(75).

Keel en

## **prEN 2755**

Identne prEN 2755:2009

Tähtaeg 1.04.2009

### **Aerospace series - Bearings, spherical plain in corrosion resisting steel with self-lubricating liner - Elevated load at ambient temperature - Technical specification**

This standard specifies the required characteristics, inspection and test methods, qualification and acceptance conditions for spherical plain bearings in corrosion resisting steel, with self-lubricating liner, for elevated loads at ambient temperature intended for use in fixed or moving parts of the aircraft structure and control mechanisms. This standard applies whenever referenced.

Keel en

## **53 TÕSTE- JA TEISALDUS-SEADMED**

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS-EN 1493:1999+A1:2009**

Hind 256,00

Identne EN 1493:1998+A1:2008

#### **Sõidukitõstukid KONSOLIDEERITUD TEKST**

This standard applies to stationary, mobile and movable vehicle lifts, which are not intended to lift persons but which are designed to raise vehicles totally, for the purpose of examining and working on or under the vehicles whilst in a raised position. The vehicle lift may consist of one or more lifting units. Power supply to the vehicle lift by internal combustion engines is not considered. The floor or ground supporting the vehicle lift in use is assumed to be horizontal.

Keel en

Asendab EVS-EN 1493:1999

#### **EVS-EN 1494:2001+A1:2009**

Hind 229,00

Identne EN 1494:2000+A1:2008

#### **Mobiilsed või liikuvtungraud ja nendega seotud tõsteseadmed KONSOLIDEERITUD TEKST**

This European Standard specifies technical safety requirements and measures for mobile or movable jacks (see 3.6) and associated lifting equipment. This European Standard deals with all significant hazards pertinent to mobile or movable jacks and associated lifting equipment when they are used as intended and under the conditions foreseen by the manufacturer. This European Standard specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards. This standard applies to lifting equipment (see 3.1) which are mobile or movable and designed to operate under the load, whether operated singularly or in multiples to partially or totally raise and lower loads or vehicles at one or more lifting points (excluding the lifting of persons) where working under the raised load is not permitted unless additional means of securing the load in position are in place.

Keel en

Asendab EVS-EN 1494:2001

#### **EVS-EN 13490:2002+A1:2009**

Hind 166,00

Identne EN 13490:2001+A1:2008

#### **Mehaaniline vibratsioon. Tööstuslikud mootorkärud. Operaatori istme vibratsiooni laboratoorne hindamine ja spetsifikatsioon KONSOLIDEERITUD TEKST**

1.1 This European Standard is applicable to operator seats used on industrial trucks as defined in ISO 5053:1987 irrespective of power supply, type of equipment, lifting mechanism and tyres. It also applies to seats for other trucks not covered by ISO 5053:1987, e.g. variable-reach trucks and lowlift order picking trucks.  
1.2 This European Standard specifies, in accordance with EN 30326-1, a laboratory method for measuring and evaluating the effectiveness of the seat suspension in reducing the vertical wholebody vibration transmitted to the operator of industrial trucks at frequencies between 1 Hz and 20 Hz.

Keel en

Asendab EVS-EN 13490:2002

#### **EVS-EN 15095:2007+A1:2009**

Hind 229,00

Identne EN 15095:2007+A1:2008

#### **Elektriga töötavad riulid ja alused, karussellsüsteemid ja tõsteliftid. Ohutusnõuded KONSOLIDEERITUD TEKST**

This European Standard deals with the safety requirements for the following types of power-operated storage equipment: - storage carousels; - storage lifts; - mobile shelving, pallet racking and cantilever racking with the objective of eliminating or minimising the hazards described in Clause 4. These hazards can arise during installation, starting up, operation, maintenance, testing and dismantling of the equipment.

Keel en

Asendab EVS-EN 15095:2007

## ASENDATUD VÕI TÜHISTATUD STANDARDID

### **EVS-EN 1493:1999**

Identne EN 1493:1998

#### **Sõidukitõstukid**

See standard kehtib statsionaarsete, teisaldatavate ja liikurtõstukite kohta, mis ei ole ette nähtud inimeste tõstmiseks, kuid mis on konstrueeritud kogu sõiduki ülestõstmiseks eesmärgiga uurida sõidukeid ja töötada sõidukite all või peal sel ajal, mil sõidukid on üles tõstetud. Sõidukitõstuk võib koosneda ühest või enamast tõsteüksusest.

Keel en

Asendatud EVS-EN 1493:1999+A1:2009

### **EVS-EN 1494:2001**

Identne EN 1494:2000

#### **Mobiilsed või liikuvtungraud ja nendega seotud tõsteseadmed**

This standard specifies technical safety requirements and measures for mobile or movable jacks and associated lifting equipment.

Keel en

Asendatud EVS-EN 1494:2001+A1:2009

### **EVS-EN 13490:2002**

Identne EN 13490:2001

#### **Mehaaniline vibratsioon. Tööstuslikud mootorkärad. Operaatori istme vibratsiooni laboratoorne hindamine ja spetsifikatsioon**

This European Standard is applicable to operator seats used on industrial trucks as defined in ISO 5053 irrespective of power supply, type of equipment, lifting mechanism and tyres. It also applies to seats for other trucks not covered by ISO 5053, e.g. variable-reach trucks and low-lift order picking trucks.

Keel en

Asendatud EVS-EN 13490:2002+A1:2009

### **EVS-EN 15095:2007**

Identne EN 15095:2007

#### **Elektriga töötavad riulid ja alused, karussellsüsteemid ja tõsteliftid. Ohutusnõuded**

This European Standard deals with the safety requirements for the following types of power-operated storage equipment: - storage carousels; - storage lifts; - mobile shelving, pallet racking and cantilever racking with the objective of eliminating or minimising the hazards described in Clause 4. These hazards can arise during installation, starting up, operation, maintenance, testing and dismantling of the equipment. It is essential that the safety requirements and/or measures taken in this standard be applied to storage equipment which operates indoors. Under difficult conditions, it is essential that additional hazard analysis and safety measures be taken into account, e. g. outdoor conditions, freezer applications, high temperatures, corrosive environment, strong magnetic fields, risk of explosive atmosphere, radioactive conditions, storage goods which due to their nature could generate hazardous situations (e. g. molten metal, acids/alkalis, fragile goods or explosives), effects of earthquakes and also contact with food. 1.3 Examples of power-operated storage equipment to which this standard applies are shown in Annex A.

Keel en

Asendatud EVS-EN 15095:2007+A1:2009

## KAVANDITE ARVAMUSKÜSITLUS

### **EN 280:2002/prA2**

Identne EN 280:2001/prA2:2009

Tähtaeg 1.04.2009

#### **Mobiilsel tõstmise tööplatvormid.**

##### **Kavandamisarvutused. Stabiilsusekriteeriumid.**

##### **Valmistamine. Ohutus. Hindamised ja katsetused**

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 at one defined access position. 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 most frequently arising from the use of MEWPs and describes methods for the elimination or reduction of these hazards.

Keel en

### **EN 13001-2:2005/prA3**

Identne EN 13001-2:2004/prA3:2009

Tähtaeg 1.04.2009

#### **Cranes - General design - Part 2: Load actions**

This European Standard is to be used together with Part 1 and Part 3 and as such they specify general conditions, requirements and methods to prevent hazards of cranes by design and theoretical verification. Part 3 is only at pre-drafting stage; the use of Parts 1 and 2 is not conditional to the publication of Part 3.

Keel en

### **EN 13157:2004/prA1**

Identne EN 13157:2004/prA1:2009

Tähtaeg 1.04.2009

#### **Cranes - Safety - Hand powered lifting equipment**

This European Standard specifies requirements for the following hand powered lifting equipment defined in clause 3: - Hand chain blocks; - Lever hoists; - Jaw winches; - Hand powered trolleys supporting lifting machines; - Drum winches; - Pulley blocks and deflection pulley. The significant hazards covered by this European Standard are identified in clause 4. This European Standard does not cover hazards related to the lifting of persons.

Keel en

### **EN 14238:2004/prA1**

Identne EN 14238:2004/prA1:2009

Tähtaeg 1.04.2009

#### **Kraanad. Käsitsi kontrollitavad koormuse käsitlemise seadmed**

This European Standard specifies requirements for load manipulating devices (herein referred to as manipulators), powered by an energy other than human energy, to assist an operator in the handling of loads. This standard covers the manipulation machine and its load handling device(s), but not the supporting structure.

Keel en

## 55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

### UUED STANDARDID JA PUBLIKATSIOONID

#### **EVS-EN 15507:2009**

Hind 124,00

Identne EN 15507:2008

#### **Packaging - Transport packaging for dangerous goods - Comparative material testing of polyethylene grades**

This European Standard specifies material parameters, test requirements and procedures for the comparative testing of grades of high molecular weight high density polyethylene (PE-HD-HMW) and medium molecular weight high density polyethylene (PE-HD-MMW), used for the manufacture of packagings and IBCs for the transport of dangerous goods. It is intended to be used in conjunction with selective testing for packagings for liquids. The standard is not intended to be used for comparative testing of recycled plastics material.

Keel en

#### **EVS-ISO 1496-4:2003/AC:2006**

Hind 0,00

ja identne ISO 1496-4:1991/Cor.1:2006

#### **Series 1 freight containers - Specification and testing - Part 4: Non-pressurized containers for dry bulk**

Keel en

## 59 TEKSTIILI- JA NAHATEHNOLOOGIA

### UUED STANDARDID JA PUBLIKATSIOONID

#### **EVS-EN ISO 105-C06:2000/AC:2009**

Hind 0,00

Identne EN ISO 105-C06:1997/AC:2009

ja identne ISO 105-C06:1994/Cor 1:2002

#### **Tekstiil. Värvipüsivuse katsetamine. Osa C06: Värvipüsivus koduse ja pesumajas pesemise toimele**

Keel en

#### **EVS-EN ISO 25619-1:2009**

Hind 166,00

Identne EN ISO 25619-1:2008

ja identne ISO 25619-1:2008

#### **Geosüntetika. Survekäitumise määramine. Osa 1: Surveroome parameetrid**

This part of ISO 25619 specifies index test methods for determining the compressive creep properties of geosynthetic products. The test specimens are subjected either to normal compressive loading or to a combination of normal compressive loading and shear loading. The test method with a normal load only (see Clause 5) is the standard method. The test method in which both normal and shear loads are applied (see Clause 6) is intended for products that are sensitive to shear failure, i.e. which have a columnar or cusped structure. The tests are carried out on dry specimens or on specimens immersed in water. The test is intended to be carried out with the specimen immersed in water when any part of the geosynthetic product contains a hydrophilic polymer.

Keel en

Asendab EVS-EN 1897:2002

#### **EVS-EN ISO 25619-2:2009**

Hind 105,00

Identne EN ISO 25619-2:2008

ja identne ISO 25619-2:2008

#### **Geosüntetika. Survekäitumise määramine. Osa 2: Lühiajalise survekäitumise määramine**

This part of ISO 25619 specifies an index test method for determining the short-term compressive behaviour of geosynthetics. It can be used to determine the deformation behaviour under short-term compressive stress, e.g. after exposure to stress, liquids or light. This part of ISO 25619 can be used for quality control purposes. It is not intended to be used for design purposes.

Keel en

### ASENDATUD VÕI TÜHISTATUD STANDARDID

#### **EVS-EN 1897:2002**

Identne EN 1897:2001

#### **Geotextiles and geotextiles related products - Determination of the compressive creep properties**

Keel en

Asendab EVS-ENV 1897:2000

Asendatud EVS-EN ISO 25619-1:2009

### KAVANDITE ARVAMUSKÜSITLUS

#### **EN 930:1999/prA2**

Identne EN 930:1997/prA2:2009

Tähtaeg 1.04.2009

#### **Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Masinad eeltöötlemiseks, kõlutustamiseks, läigestamiseks ja servalõikamiseks. Ohutusnõuded**

See standard hõlmab masinaid, mis on ette nähtud jalatsite tootmiseks kasutatavate materjalide töötlemiseks: eeltöötlemise, kõlutustamise ja läigestamise automaat- ja käsitsijuhtimisega masinad, servalõikamise automaat- ja käsitsijuhtimisega masinad. See standard ei laiene jalatsiparanduse moodulmasinatele. Standard määrab kindlaks masinate disaini, konstruktsiooni ja töötamisega seotud ohutusnõuded.

Keel en

#### **EN 12044:2005/prA1**

Identne EN 12044:2005/prA1:2009

Tähtaeg 1.04.2009

#### **Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Lõikamis- ja augustamismasinad. Ohutusnõuded**

This European Standard applies for cutting and punching machines used in the manufacture of footwear, leather and imitation leather goods and other related components.

Keel en

## **EN 12203:2003/prA1**

Identne EN 12203:2003/prA1:2009

Tähtaeg 1.04.2009

### **Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Jalatsi- ja nahapressid. Ohutusnõuded**

This European Standard is applicable to shoe and leather presses (see 3.1) used in the manufacture of footwear, leather and imitation leather goods and other related components. These machines are:- Sole attaching presses (open and closed types); - Sole and insole moulding machines;- Back part moulding machines;- Backer, lining and toe puff attaching presses;- Ironing presses

Keel en

## **FprEN ISO 1890**

Identne FprEN ISO 1890:2009

ja identne ISO/FDIS 1890:2009

Tähtaeg 1.04.2009

### **Sarruslõng. Keerdumuse määramine**

This International Standard specifies a method for the determination of twist in yarns made from textile glass, carbon, aramid or any other reinforcement fibres. The method applies to single yarns (one twist) and to folded or cabled yarns (two or more twists). For folded and cabled yarns, the method is generally applied only to the final twist step. This International Standard is applicable to package-wound yarns. If the measurement is carried out on yarns taken from a beam (or warp) or from a fabric, the result is of an indicative nature only. The method is not applicable to products made from staple fibres.

Keel en

Asendab EVS-EN ISO 1890:2000

## **prEN ISO 105-C08**

Identne prEN ISO 105-C08:2009

ja identne ISO/DIS 105-C08:2009

Tähtaeg 1.04.2009

### **Textiles - Tests for colour fastness - Part C08: colour fastness to domestic and commercial laundering using a non-phosphate reference detergent incorporating a low temperature bleach activator**

This part of ISO 105 specifies methods intended for determining the resistance of the colour of textiles of all kinds and in all forms to domestic or commercial laundering procedures used for normal household articles using a reference detergent incorporating a low temperature bleach activator. The colour loss and staining resulting from desorption and/or abrasive action in one single test closely approximates to one domestic or commercial laundering. This method does not reflect the effect of optical brighteners present in some commercial washing products.

Keel en

Asendab EVS-EN ISO 105-C08:2003

## **61 RÕIVATÖÖSTUS**

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS-EN 14878:2007/AC:2009**

Hind 0,00

Identne EN 14878:2007/AC:2009

#### **Textiles - Burning behaviour of children's nightwear - Specification**

Keel en

## **KAVANDITE ARVAMUSKÜSITLUS**

### **EN 930:1999/prA2**

Identne EN 930:1997/prA2:2009

Tähtaeg 1.04.2009

#### **Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Masinad eeltöötlemiseks, kõlutustamiseks, läigestamiseks ja servalõikamiseks. Ohutusnõuded**

See standard hõlmab masinaid, mis on ette nähtud jalatsite tootmiseks kasutatavate materjalide töötlemiseks: eeltöötlemise, kõlutustamise ja läigestamise automaat- ja käsitsijuhtimisega masinad, servalõikamise automaat- ja käsitsijuhtimisega masinad. See standard ei laiene jalatsiparanduse moodulmasinatele. Standard määrab kindlaks masinate disaini, konstruktsiooni ja töötamisega seotud ohutusnõuded.

Keel en

### **EN 931:1999/prA2**

Identne EN 931:1997/prA2:2009

Tähtaeg 1.04.2009

#### **Jalatsivalmistusseadmed. Lastingmasinad. Ohutusnõuded**

Standard kehtib jalatsitööstuses kasutatavate lastingmasinate kohta. Standard ei kehti granuleeritud termotsementi tootvate lastingmasinate kohta. Standard määrab kindlaks masinate konstruktsiooni, valmistamise ja kasutamise kohta esitatavad ohutusnõuded. Standard ei sisalda spetsiifilisi nõudeid masinate transportimise, töökorda seadmise ja lahtivõtmise kohta. Standard võtab arvesse ettenähtud kasutuse, võimaliku väärkasutuse, komponentide ja süsteemi rikked.

Keel en

### **EN 12044:2005/prA1**

Identne EN 12044:2005/prA1:2009

Tähtaeg 1.04.2009

#### **Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Lõikamis- ja augustamismasinad. Ohutusnõuded**

This European Standard applies for cutting and punching machines used in the manufacture of footwear, leather and imitation leather goods and other related components.

Keel en

### **EN 12203:2003/prA1**

Identne EN 12203:2003/prA1:2009

Tähtaeg 1.04.2009

#### **Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Jalatsi- ja nahapressid. Ohutusnõuded**

This European Standard is applicable to shoe and leather presses (see 3.1) used in the manufacture of footwear, leather and imitation leather goods and other related components. These machines are:- Sole attaching presses (open and closed types); - Sole and insole moulding machines;- Back part moulding machines;- Backer, lining and toe puff attaching presses;- Ironing presses

Keel en

## EN 12387:2005/prA1

Identne EN 12387:2005/prA1:2009

Tähtaeg 1.04.2009

### **Jalatsi-, naha- ja kunstnahast toodete valmistamise masinad. Moodulkingade parandamise seadmed. Ohutusnõuded**

This document applies to the following machines including their additional equipment intended for the repair of footwear, leather and imitation leather goods as well as for the manufacture and repair of orthopaedic shoes hereafter called "Shoe Repair Machines": - Polishing machines; - Trimming machines; - Scouring machines; - Finishing machines; - Orthopaedic finishing machines; - Heel and sole press; - Activating unit – Adhesive; - Orthopaedic vacuum moulding press; - Orthopaedic presses; - Extraction equipment; - Powered ranging device; - Edge inking or staining machines; - Mechanism for stationary nailing and stapling tools. These machines can be standing alone or combined in a modular system for shoe repairs or the production of orthopaedic shoes including the lasts.

Keel en

## EN 12653:2000/prA2

Identne EN 12653:1999/prA2:2009

Tähtaeg 1.04.2009

### **Jalatsite, nahast ja kunstnahast kaupade valmistamise masinad. Naelutamismasinad. Ohutusnõuded**

This standard is applicable to nailing machines used in the footwear manufacturing industry, namely: - heel attaching machines - heel nailing machines - gang nailing machines.

Keel en

## prEN ISO 9920

Identne prEN ISO 9920:2009

ja identne ISO 9920:2007 (Corrected version 2008-11-01)

Tähtaeg 1.04.2009

### **Ergonomics of the thermal environment - Estimation of thermal insulation and water vapour resistance of a clothing ensemble**

This International Standard specifies methods for estimating the thermal characteristics (resistance to dry heat loss and evaporative heat loss) in steady-state conditions for a clothing ensemble based on values for known garments, ensembles and textiles. It examines the influence of body movement and air penetration on the thermal insulation and water vapour resistance. This International Standard does not - deal with other effects of clothing, such as adsorption of water, buffering or tactile comfort, - take into account the influence of rain and snow on the thermal characteristics, - consider special protective clothing (water-cooled suits, ventilated suits, heated clothing), or - deal with the separate insulation on different parts of the body and discomfort due to the asymmetry of a clothing ensemble.

Keel en

Asendab EVS-EN ISO 9920:2007

## 65 PÕLLUMAJANDUS

### UUED STANDARDID JA PUBLIKATSIOONID

#### **EVS-EN 15704:2009**

Hind 92,00

Identne EN 15704:2008

#### **Liming materials - Determination of the breakdown of granulated calcium and calcium/magnesium carbonates under the influence of water**

This document specifies a method for the determination of the break down of granulated calcium and calcium/magnesium carbonates under the influence of water.

Keel en

### KAVANDITE ARVAMUSKÜSITLUS

#### **EN 690:2003/prA1**

Identne EN 690:1994/prA1:2009

Tähtaeg 1.04.2009

#### **Põllumajandusmasinad. Sõnnikulaoturid. Ohutus**

Standard määrab kindlaks iga tüüpi sõnnikulaoturite, kaasa arvatud masina taha või küljele paigaldatava sõnnikulaoturi tööorganiga liikurmasinate konstruktsioonile ja tarindusele esitatavad ohutusnõuded ja nõuete kinnituse. Standard kirjeldab meetodeid, kuidas kõrvaldada või vähendada ohte, mille kohta sõnnikulaoturitele kehtivad erinõuded. Standard ei käsitle üldisi, iseäranis masina liikumisega seonduvaid ohte, kaasa arvatud liikurmasinatele omased spetsiifilised ohud.

Keel en

#### **EN 703:2007/prA1**

Identne EN 703:2004/prA1:2009

Tähtaeg 1.04.2009

#### **Põllumajandusmasinad. Silo laadimise, segamise ja/või tükeldus- ja jaotusmasinad. Ohutus**

Standard on kasutatav koos standardiga EN 1553. Standard esitab üksikasjalikult (spetsifitseerib) ohutusnõuded ja nende kontrollimise viisid üksnes ühe masinajuhi poolt juhitava ripp-, poolripp-, haake- või liikurmasina kavandamiseks ja konstrueerimiseks, millel on ühitatud kaks või enam järgmist funktsiooni: silo ja/või teiste loomasöötade laadimine, segamine, tükeldamine ja jaotamine. Standard sisaldab nende juurde kuuluvat sisseehitatud laadimiskraanat. Lisaks esitab see näidisteabe tootja poolt ettenähtud ohutute töötamisvõtete kohta (kaasa arvatud jääkriskid).

Keel en

#### **EN 704:2003/prA1**

Identne EN 704:1999/prA1:2009

Tähtaeg 1.04.2009

#### **Põllumajandusmasinad. Presskogurid. Ohutus**

Standard määrab kindlaks eriomased ohutusnõuded ning nende kontrollimise korra liikur- ja järelhaagitavate presskogurite konstrueerimiseks ja valmistamiseks, sõltumata moodustunud (vormunud) paki (palli) kujust või suurusel.

Keel en



**EN 706:2000/prA1**

Identne EN 706:1996/prA1:2009

Tähtaeg 1.04.2009

**Põllumajandusmasinad. Viinamarjapõõsaste pügamise masinad. Ohutus**

Käesolev standard määrab kindlaks iseliikuvate, külgemonteeritavate või pooleldi külgemonteeritavate, viinamarjapõõsavõsude pügamiseks ettenähtud masinate konstruktsioonile ja tarindusele esitatavad ohutusnõuded ja nõuete kinnituse. Neid liikurmasinaid kasutatakse istandikes samakujulisena (lattvõrestikul) kasvavate viljapuude ja -põõsaste pügamiseks ning muudeks sellelaolisteks töödeks.

Keel en

**EN 707:2003/prA1**

Identne EN 707:1999/prA1:2009

Tähtaeg 1.04.2009

**Põllumajandusmasinad. Virtsalaoturid. Ohutus**

Standard esitab eriomased ohutusnõuded ja nende kontrollimise korra nii mehaanilise kui ka pneumaatilise käitusega poolripp-, haake- ja liikurvirtsalaoturite projekteerimiseks ja ehitamiseks, kaasa arvatud nende laotus- või sõbastusseadised, mis on mõeldud virtsa (vedelsõnniku, läga) pinnale laotamiseks või mulda sisestamiseks.

Keel en

**EN 745:2003/prA1**

Identne EN 745:1999/prA1:2009

Tähtaeg 1.04.2009

**Põllumajandusmasinad. Püst- ja rõhtrootorniidukid. Ohutus**

Standard määrab kindlaks eriomased ohutusnõuded ning nende kontrollimise korra ühe- või mitmekettalise (püstteljelise) lõikeseadisega või ühe rõhtteljelise vasartrummelseadise ripp-, poolripp-, haake- või liikurniidukite konstrueerimiseks ja valmistamiseks.

Keel en

**EN 908:1999/prA1**

Identne EN 908:1999/prA1:2009

Tähtaeg 1.04.2009

**Põllumajandus- ja metsatöömasinad. Trummelmasinad niisutuseks. Ohutus**

This European Standard specifies safety requirements and their verification for the design and construction of reel machines for irrigation including self-propelled machines. It describes methods for elimination or reduction of risks which need specific requirements for reel machines for irrigation. In addition, it specifies the type of information on safe working practices to be provided by the manufacturer.

Keel en

**EN 909:1999/prA1**

Identne EN 909:1998/prA1:2009

Tähtaeg 1.04.2009

**Põllumajandus- ja metsatöömasinad. Ringvihmutid ja küljelt liikuvat tüüpi niisutusmasinad. Ohutus**

This standard specifies safety requirements and their verification for the design and construction of centre pivot and moving lateral types irrigation machines that are electrically powered.

Keel en

**EN 12965:2007/FprA2**

Identne EN 12965:2003/FprA2:2009

Tähtaeg 1.04.2009

**Tractors and machinery for agriculture and forestry - Power take-off (PTO) drive shafts and their guards - Strength safety**

Standard määrab kindlaks (spetsifitseerib) ohutusnõuded ja nende kontrollimise korra liikurmasinalt (või traktoriilt) käitatava masina esimese võlliga ühendavate kardaanvõllide ja nende kaitsete konstrueerimiseks ja valmistamiseks koos erinõudeid vajavate ohtude kõrvaldamise või vähendamise viiside kirjeldamisega. See standard puudutab ainult neid käituskardaanvõlle ja nende kaitseid, mis toetuvad vähemalt kahele laagriks.

Keel en

**EN 13118:2006/prA1**

Identne EN 13118:2000/prA1:2009

Tähtaeg 1.04.2009

**Põllumajandusmasinad. Kartulikoristusmasinad. Ohutus**

Standard määrab kindlaks (spetsifitseerib) eriomased (spetsiifilised) ohutusnõuded ning nende kontrollimise korra kartulikoristuse haake-, ripp- või liikurmasinate konstrueerimiseks ja valmistamiseks. Need masinad sooritavad ühe või rohkem alljärgnevaist tööoperatsioonidest: pealsete purustamine, mugulate ülesvõtmine, kogumine, puhastamine, edastamine ja mahalaadimine.

Keel en

**EN 14017:2005/prA2**

Identne EN 14017:2005/prA2:2009

Tähtaeg 1.04.2009

**Põllumajandus- ja metsatöömasinad. Tahke väetise laotamise seadmed. Ohutus**

This European Standard, applied together with EN 1553:1999, specifies the safety requirements and their verification for the design and construction of mounted, semi-mounted, trailed or self-propelled fertilizer distributors for solid fertilizer application, i.e. full width solid fertilizer distributors, solid fertilizer broadcasters, distributors with oscillating tube and line-distributors as well as solid fertilizer distributors driven by an auxiliary engine to be used by one operator only, used in agriculture, horticulture and in forestry. In addition, this European Standard specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer. When requirements of this European Standard are different from those which are stated in EN 1553:1999 the requirements of this European Standard take precedence over the requirements of EN 1553:1999 for machines that have been designed and built according to the provisions of this European Standard.

Keel en

## **FprEN ISO 5983-2**

Identne FprEN ISO 5983-2:2009  
ja identne ISO/FDIS 5983-2:2009  
Tähtaeg 1.04.2009

### **Animal feeding stuffs - Determination of nitrogen content and calculation of crude protein content - Part 2: Block digestion and steam distillation method**

This part of ISO 5983 specifies a method for the determination of nitrogen content of animal feeding stuffs according to the Kjeldahl method, and a method for the calculation of the crude protein content. It is suitable for use as a semi-micro rapid routine method using block digestion, copper catalyst, and steam distillation into boric acid. The method is applicable to the determination of greater than 0,5 % mass fraction Kjeldahl nitrogen in animal feeding stuffs, pet foods, and their raw materials. The method does not measure oxidized forms of nitrogen nor heterocyclic nitrogen compounds. The method does not distinguish between protein nitrogen and non-protein nitrogen.

Keel en

Asendab EVS-EN ISO 5983-2:2005

## **67 TOIDUAINETE TEHNOLOOGIA**

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS-EN 15166:2009**

Hind 219,00

Identne EN 15166:2008

#### **Toidutöötlemismasinad. Lihakehade automaatse lõikamise seadmed. Ohutus- ja hügieeninõuded**

This European Standard applies to automatic back splitting machines and specifies safety and health requirements for machines used in slaughterhouses in order to fully automatically split meat animal (beef and pork) along the back-bone axis, splitting the carcass into two parts (see Figure 1). This document deals with all significant hazards, hazardous situations and events relevant to automatic back splitting machines, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). This document deals with the significant hazards, hazardous situations and events during transport, assembly and installation, commissioning and use as defined in EN ISO 12100-1:2003, 5.3. This document is not applicable to automatic back splitting machines, which are manufactured before the date of its publication as EN.

Keel en

#### **EVS-EN 15587:2008/AC:2009**

Hind 0,00

Identne EN 15587:2008/AC:2009

#### **Cereals and cereal products - Determination of Besatz in wheat (*Triticum aestivum* L.), durum wheat (*Triticum durum* Desf.), rye (*Secale cereale* L.) and feed barley (*Hordeum vulgare* L.)**

Keel en

### **ASENDATUD VÕI TÜHISTATUD STANDARDID**

#### **EV ST 602:1992**

ja identne EV ST 602:1992

#### **Toidukontsentraadid. Tordi-, keeksi- ja küpsisepulbrid. Üldised tehnilised tingimused**

Standard kehtib toidukontsentraatidele, mis kujutavad endast pulbrilisi kuivseguisid ja on ette nähtud tortide, keekside ja küpsiste valmistamiseks kodusel teel.

Keel et

#### **EV ST 605:1992**

ja identne EV ST 605:1992

#### **Keeksid. Üldised tehnilised tingimused**

Standard kehtib keeksidele - kondiitritoodetele, mida valmistatakse nisujahust ja muust toorainest.

Keel et

#### **EV ST 606:1992**

ja identne EV ST 606:1992

#### **Küpsised. Üldised tehnilised tingimused**

Standard kehtib küpsistele - kondiitritoodetele, mida valmistatakse nisu-, rukki-, kaerajahust või nende segudest ja muust toorainest.

Keel et

#### **EV ST 616:1992**

ja identne EV ST 616:1992

#### **Või, juustu ja piimapulbri organoleptiline hindamine**

Standard määrab või, juustu ja piimapulbri organoleptilise hindamise korra ja on välja töötatud arvestades IDF standardi 99A:1987 nõudeid.

Keel et

#### **EV ST 627:1993**

ja identne EV ST 627:1993

#### **Tärklisesiirup. Üldised tehnilised tingimused**

Standard kehtib tärklisesiirupile, mida valmistatakse kartuli- või maisitärklise hüdrolüüsimeisel hapetega. Tärklisesiirupit kasutatakse kondiitri- ja muudes toiduainetööstuse harudes.

Keel et

#### **EVS 113:1996**

ja identne EVS 113:1996

#### **Kohupiim**

Käesolev standard kehtib kohupiima kohta, mida valmistatakse pastöriseeritud lõssist või normaliseeritud ja pastöriseeritud piimast või rasvata kohupiima ja normaliseeritud ning pastöriseeritud koore segamisel.

Keel et

#### **EVS 624:2001**

ja identne EVS 624:2001

#### **Kanamunad**

Käesolev standard kehtib kanamunade kohta, mis on mõeldud vahetuks tarbimiseks toidumunadena, kuid ei laiene töödeldavatele toidumunadele, välja arvatud pakendamine

Keel et

Asendab EV ST 624:1993

#### **EVS 628:1994**

ja identne EVS 628:1994

#### **Piim ja piimatooted. Rasva määramise meetod**

Standard kehtestab rasva määramise meetodi piimale ja piimatoodetele happemeetodil.

Keel et

#### **EVS 629:1994**

ja identne EVS 629:1994

#### **Piim ja piimatooted. Happesuse määramise meetodid**

Standard kehtestab tiitritava happesuse määramise meetodid piimas ja piimatoodetes (välja arvatud kondenseeritud ja kuivad piimatooted).

Keel et

**EVS 630:1994**

ja identne EVS 630:1994

**Piim ja piimatooted. Tiheduse määramise meetod**

Standard kehtestab areomeetrilise tiheduse määramise meetodi piimale, koorele, lisanditega piimajookidele, hapupiimajookidele, petile ja vadakule.

Keel et

**EVS 632:1994**

ja identne EVS 632:1994

**Piim. Temperatuuri mõõtmise meetodid**

Standard määrab piima temperatuuri mõõtmise meetodid.

Keel et

**EVS 641:1994 + Muud. 1:1995**

ja identne EVS 641:1994 + Muud. 1:1995

**Piim ja piimatooted. Niiskuse ja kuivainesisalduse määramine**

Standard kehtestab niiskuse- ja kuivainesisalduse määramise arbitraažmeetodi piimas, kooses, võis, juustus, kuivades ja kondenseeritud piimatoodetes, jäätises, kohupiimas, kaseiinis ja kaseinaatides. Meetodi põhimõte seisneb uuritava proovi kuivatamises kindlal temperatuuril ning niiskusesisalduse arvutamise kuivamiskao järgi.

Keel et

**EVS 649:1994**

ja identne EVS 649:1994

**Piim ja piimatooted. Bakterite arvu määramine**

Standard käsitleb mikroobide määramise meetodit kolooniate loendamise, millised on kasvanud 30 oC juures. Selle meetodiga määratakse mikroorganismide bakteereid, pärm- ja hallitusseeni, millised moodustavad loendatavaid kolooniaid käesoleva standardiga määratletud tingimustes.

Keel et

**EVS 658:1995**

ja identne EVS 658:1995

**Piim ja piimatooted. Pastöriseerimise kontrolli meetodid**

Standard spetsifitseerib pastöriseerimise efektiivsuse kontrolli meetodid piimas ja piimatoodetes.

Keel et

**EVS 659:1995**

ja identne EVS 659:1995

**Piim ja piimatooted. Kolibakterite arvuline määramine**

Standard spetsifitseerib kolibakterite, mida on kasvatatud 30 oC temperatuuri juures, arvulise määramise meetodi.

Keel et

**EVS 661:1995**

ja identne EVS 661:1995

**Piim ja piimatooted. Pärm- ja hallitusseente arvuline määramine**

Standard spetsifitseerib pärm- ja hallitusseente arvulise määramise meetodi kasvatamisega 25 oC temperatuuril.

Keel et

**EVS 729:1996**

ja identne EVS 729:1996

**Kohupiimatooted. Üldnõuded**

Standard kehtestab kohupiimatoodete kvaliteeditaseme ja koostise üldnõuded, mis on koos üksiktoote retseptuurilehega juhendamiseks kohupiimatoodete valmistamisel.

Keel et

**KAVANDITE ARVAMUSKÜSITLUS****EN 1974:1999/prA1**

Identne EN 1974:1998/prA1:2009

Tähtaeg 1.04.2009

**Toidutöötlemismasinad. Viilutamismasinad. Ohutus- ja hügieeninõuded**

Käesolev Euroopa standard kirjeldab ohutus- ja hügieeninõudeid selliste viilutamismasinade projekteerimiseks ja valmistamiseks, mis on varustatud üle 150 mm diameetriga elektrilise tsirkulaarse löiketeraga, edasi-tagasi liikuva toite etteandmisega ning mis on transporditavad. Sellist tüüpi viilutamismasinad on mõeldud kasutamiseks poodides, restoranides, kaubahallides, kohvikutes jne.. Välja on jäetud tööstuslikud viilustajad.

Keel en

**EN 12041:2001/prA1**

Identne EN 12041:2000/prA1:2009

Tähtaeg 1.04.2009

**Toidutöötlemismasinad. Vormimismasinad. Ohutus- ja hügieeninõuded**

This standard applies to the design and manufacture of dough moulders of the types described in 3.1, 3.2 and 3.3 and illustrated in figures 3a, 3b and 3c. These moulders are used in the food industry and shops (bread-making, pastry-making, sweet industries, bakeries, confectioners, delicatessens, catering facilities, etc.) for flattening, rolling and elongating pieces of dough.

Keel en

**EN 12505:2001/prA1**

Identne EN 12505:2000/prA1:2009

Tähtaeg 1.04.2009

**Toidutöötlemismasinad. Söögiõlide ja rasvade käitlemise tsentrifuugid. Ohutus- ja hügieeninõuded**

This European Standard covers all significant hazards as identified by risk assessment (see EN 1050), which are listed in clause 4 of this standard, relevant to centrifuges for processing edible oils and fats, when they are used as intended and under the conditions foreseen by the manufacturer. It specifies safety and hygiene requirements for the design, manufacture, use, maintenance and cleaning of centrifugal machines.

Keel en

**prEN 15890**

Identne prEN 15890:2009

Tähtaeg 1.04.2009

**Foodstuffs - Determination of patulin in fruit juice and fruit based puree for young children - HPLC method with liquid/liquid partition cleanup and solid phase extraction and UV detection**

This European Standard specifies a method for the determination of patulin in fruit juices and fruit based purees such as baby food purees using high performance liquid chromatography (HPLC). The method has been validated for the determination of patulin via the analysis of naturally contaminated and spiked samples in apple juice at levels ranging from 3,0 µg/kg up to 15,5 µg/kg and in baby food based fruit purees at levels ranging from 3,4 µg/kg up to 17,9 µg/kg. Baby food fruit purees used in this study contained mainly the following ingredients: blueberry, apple, banana, lemon, wheat biscuits, wheat syrup, whole milk and vegetable oils as ingredients as commercially available products on the European market. A detailed listing including the fractions of each product used in this study is given in [1].

Keel en

## prEN 15891

Identne prEN 15891:2009

Tähtaeg 1.04.2009

### **Foodstuffs - Determination of deoxynivalenol in cereals, cereal products and cereal based foods for infants and young children - HPLC method with immunoaffinity column cleanup and UV detection**

This draft European Standard specifies a method for the determination of deoxynivalenol in cereal based foods for infants and young children by high performance liquid chromatography (HPLC) with immunoaffinity cleanup and UV detection. The method has been validated in a collaborative study for wheat, rice flour, oat flour, maize, polenta, and wheat based breakfast cereal. The method is applicable up to 4 700 µg/kg.

Keel en

## prEN ISO 17059

Identne prEN ISO 17059:2009

ja identne ISO 17059:2007

Tähtaeg 1.04.2009

### **Oilseeds - Extraction of oil and preparation of methyl esters of triglyceride fatty acids for analysis by gas chromatography (Rapid method)**

This International Standard specifies a rapid method for extraction of oil and for preparation of the methyl esters of fatty acids. The methyl esters thus obtained can be used for gas chromatography. This International Standard is applicable to the following oilseeds: rape, sunflower, soya beans, mustard, linseed.

Keel en

## 71 KEEMILINE TEHNOLOOGIA

### UUED STANDARDID JA PUBLIKATSIOONID

#### **EVS 899:2009**

Hind 105,00

#### **Kvantitatiivsed struktuur-aktiivsus analüüsid. Mudelite koostamine ja kasutamine**

Käesolev Eesti standard käsitleb ainete struktuuride ja nende omaduste vaheliste seoste analüüsi. Käesolev standard kirjeldab statistilisi ja teoreetilise keemia protseduure analüüsiks valitud uuritava aktiivsuste andmekomplekti kvantitatiivseks seostamiseks vastavate keemiliste ühendite struktuuridega, mida iseloomustatakse teoreetiliste deskriptoritega. Protseduuri tulemusel saadakse statistiline mudel, mis võimaldab ennustada käsitletavat aktiivsust teiste mudeli rakenduvuspiirkonda kuuluvate struktuuride (ainete) jaoks. Käesolev standard käsitleb nii lineaarsete kui mittelineaarsete sõltuvuste analüüsi, andes juhiseid mudelite koostamiseks ning kvaliteedi hindamiseks. Standard on rakendatav bioloogiliste, farmakoloogiliste, füüsikaliste või keemiliste aktiivsuste/omaduste analüüsil. Käesolev standard käsitleb ennekõike kolmemõõtmelisi kvantitatiivseid struktuur-aktiivsus sõltuvusi, mille eelduseks on lähtumine kolmemõõtmelistest atomistlikul tasandil struktuuridest, kuid on suures osas rakendatav ka muud tüüpi kvantitatiivsete struktuur-aktiivsus sõltuvuste korral.

Keel et

## KAVANDITE ARVAMUSKÜSITLUS

### prEN 973

Identne prEN 973:2009

Tähtaeg 1.04.2009

#### **Chemicals used for treatment of water intended for human consumption - Sodium chloride for regeneration of ion exchangers**

This European Standard is applicable to sodium chloride intended for use only in water treatment apparatus, for the regeneration of ion exchangers, intended for water for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for sodium chloride. It gives information on its use in water treatment.

Keel en

Asendab EVS-EN 973:2002

### prEN 15912

Identne prEN 15912:2009

Tähtaeg 1.04.2009

#### **Durability of reaction to fire performances - Classes of fire retardant treated wood-based product in interior and exterior end use applications**

This European Standard prescribes the classification requirements for the durability of the reaction to fire performance of fire-retardant treated wood-based products to be used in interior and exterior end use conditions. The products shall initially meet required reaction to fire classification. In addition, products for exterior use shall meet the minimum durability of reaction to fire performance requirements specific to the end use. For interior use, limited hygroscopicity shall be verified. For exterior use, the reaction to fire performance level shall be maintained after accelerated or natural weathering. The requirements are applicable for fire retardant treated (impregnated and/or surface treated) solid wood and wood-based products. The products may be coated. The requirements for interior end use may be applied for all permanent uses of fire retardant treated wood-based products including, eg furniture and fire-retardant treated cellulose and wood-based insulation products. Mechanical properties and biological durability of fire-retardant treated wood products are not covered by this European Standard. This standard may be used as a basis for an approval system.

Keel en

**prEN ISO 18416**

Identne prEN ISO 18416:2009

ja identne ISO 18416:2007

Tähtaeg 1.04.2009

**Cosmetics - Microbiology - Detection of *Candida albicans***

This International Standard gives general guidelines for the detection and identification of the specified microorganism *Candida albicans* in cosmetic products. Microorganisms considered as specified in this International Standard might differ from country to country according to national practices or regulations. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis so as to determine the types of cosmetic product to which this International Standard is applicable. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, those with extreme pH values, etc. The method described in this International Standard is based on the detection of *Candida albicans* in a non-selective liquid medium (enrichment broth), followed by isolation on a selective agar medium. Other methods may be appropriate dependent on the level of detection required.

Keel en

**prEN ISO 21148**

Identne prEN ISO 21148:2009

ja identne ISO 21148:2005

Tähtaeg 1.04.2009

**Cosmetics - Microbiology - General instructions for microbiological examination**

This International Standard gives general instructions for carrying out microbiological examinations of cosmetic products, in order to ensure their quality and safety, in accordance with an appropriate risk analysis (e.g. low water activity, hydro-alcoholic, extreme pH values). Because of the large variety of products and potential uses within this field of application, these instructions might not be appropriate for some products in every detail (e.g. certain water-immiscible products).

Keel en

**prEN ISO 21149**

Identne prEN ISO 21149:2009

ja identne ISO 21149:2006

Tähtaeg 1.04.2009

**Cosmetics - Microbiology - Enumeration and detection of aerobic mesophilic bacteria**

This International Standard gives general guidelines for enumeration and detection of mesophilic aerobic bacteria present in cosmetics, - by counting the colonies on agar medium after aerobic incubation, or - by checking the absence of bacterial growth after enrichment. Because of the large variety of cosmetic products within this field of application, this method may not be appropriate for some products in every detail (e.g. certain water immiscible products). Other methods (e.g. automated) may be substituted for the tests presented here provided that their equivalence has been demonstrated or the method has been otherwise validated. If needed, microorganisms enumerated or detected may be identified using suitable identification tests described in the standards given in the Bibliography. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis, so as to determine the types of cosmetic products to which this International Standard is applicable. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, extreme pH values, etc.

Keel en

**prEN ISO 21150**

Identne prEN ISO 21150:2009

ja identne ISO 21150:2006

Tähtaeg 1.04.2009

**Cosmetics - Microbiology - Detection of *Escherichia coli***

This International Standard gives general guidelines for the detection and identification of the specified microorganism *Escherichia coli* in cosmetic products. Microorganisms considered as specified in this International Standard might differ from country to country according to national practices or regulations. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis, so as to determine the types of cosmetic products to which this International Standard is applicable. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, extreme pH values, etc. This International Standard specifies a method that is based on the detection of *Escherichia coli* in a non-selective liquid medium (enrichment broth), followed by isolation on a selective agar medium. Other methods may be appropriate depending on the level of detection required.

Keel en

**prEN ISO 22717**

Identne prEN ISO 22717:2009

ja identne ISO 22717:2006

Tähtaeg 1.04.2009

**Cosmetics - Microbiology - Detection of Pseudomonas aeruginosa**

This International Standard gives general guidelines for the detection and identification of the specified micro-organism *Pseudomonas aeruginosa* in cosmetic products. Micro-organisms considered as specified in this International Standard might differ from country to country according to national practices or regulations. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis to determine the types of cosmetic product to which this International Standard is applicable. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, extreme pH values, etc. The method described in this International Standard is based on the detection of *Pseudomonas aeruginosa* in a non-selective liquid medium (enrichment broth), followed by isolation on a selective agar medium. Other methods may be appropriate, depending on the level of detection required.

Keel en

**prEN ISO 22718**

Identne prEN ISO 22718:2009

ja identne ISO 22718:2006

Tähtaeg 1.04.2009

**Cosmetics - Microbiology - Detection of Staphylococcus aureus**

This International Standard gives general guidelines for the detection and identification of the specified micro-organism *Staphylococcus aureus* in cosmetic products. Micro-organisms considered as specified in this International Standard might differ from country to country according to national practices or regulations. In order to ensure product quality and safety for consumers, it is advisable to perform an appropriate microbiological risk analysis to determine the types of cosmetic product to which this International Standard is applicable. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, extreme pH values, etc. The method described in this International Standard is based on the detection of *Staphylococcus aureus* in a non-selective liquid medium (enrichment broth), followed by isolation on a selective agar medium. Other methods may be appropriate dependent on the level of detection required.

Keel en

**prEN ISO 24444**

Identne prEN ISO 24444:2009

ja identne ISO/DIS 24444:2009

Tähtaeg 1.04.2009

**Cosmetics - Sun protection test methods - in vivo determination of SPF (Sun Protection Factor)**

This International Standard describes a method for the in vivo determination of the Sun Protection Factor (SPF) of sunscreen products. This standard is applicable to products intended to be placed in contact with human skin including any component able to absorb, reflect or scatter UV rays. It provides a basis for the evaluation of sunscreen products for the protection of human skin against erythema or sunburn induced by solar ultraviolet rays.

Keel en

**73 MÄENDUS JA MAAVARAD****UUED STANDARDID JA PUBLIKATSIOONID****EVS-EN ISO 10058-1:2009**

Hind 124,00

Identne EN ISO 10058-1:2008

ja identne ISO 10058-1:2008

**Chemical analysis of magnesite and dolomite refractory products (alternative to the X-ray fluorescence method) - Part 1: Apparatus, reagents, dissolution and determination of gravimetric silica**

This part of ISO 10058 specifies apparatus, reagents, dissolution and gravimetric silica analysis for the chemical analysis of magnesite and dolomite refractory products and raw materials.

Keel en

Asendab EVS-EN ISO 10058:2000

**EVS-EN ISO 10058-2:2009**

Hind 166,00

Identne EN ISO 10058-2:2008

ja identne ISO 10058-2:2008

**Magnesiidist ja dolomiidist tulekindlate toodete keemiline analüüs (röntgen-fluorestsentsmeetodi alternatiiv). Osa 2: Keemiline märganalüüs**

This part of ISO 10058 specifies traditional ("wet process") methods for the chemical analysis of magnesite and dolomite refractory products and raw materials.

Keel en

Asendab EVS-EN ISO 10058:2000

**EVS-EN ISO 10058-3:2009**

Hind 135,00

Identne EN ISO 10058-3:2008

ja identne ISO 10058-3:2008

**Chemical analysis of magnesite and dolomite refractory products (alternative to the X-ray fluorescence method) - Part 3: Flame atomic absorption spectrophotometry (FAAS) and inductively coupled plasma atomic emission spectrometry (ICP-AES)**

This part of ISO 10058 specifies atomic absorption spectrometry (AAS) and inductively coupled plasma atomic emission spectrometry (ICP-AES) methods for the chemical analysis of magnesite and dolomite refractory products and raw materials.

Keel en

Asendab EVS-EN ISO 10058:2000

## **ASENDATUD VÕI TÜHISTATUD STANDARDID**

### **EVS-EN ISO 10058:2000**

Identne EN ISO 10058:1996

ja identne ISO 10058:1992

#### **Magnesiidid ja dolomiidid. Keemiline analüüsimine**

Standard määrab kindlaks meetodid ränidioksiidi, alumiiniumoksiidi, titaandioksiidi, raud(III)oksiidi ja mangaan-, kroom-, kaltsium-, magneesium-, naatrium-, kaalium- ja liitiumoksiidi sisalduse määramiseks. Standard määrab kindlaks ka meetodid magnesiidi ja dolomiidi ning nendest toormaterjalidest saadud kuumuskindlate materjalide kuumutuskao määramiseks. Lisas A esitatakse meetod boorisalduse määramiseks ainult magnesiitides. MÄRKUS: keemiliste analüüside jaoks kasutatakse üha rohkem füüsikalisi meetodeid. Käesoleval ajal pole võimalik esitada standardset testimismeetodit.

Keel en

Asendatud EVS-EN ISO 10058-2:2009; EVS-EN ISO 10058-3:2009; EVS-EN ISO 10058-1:2009

## **75 NAFTA JA NAFTATEHNOLOOGIA**

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS-EN 1474-1:2009**

Hind 295,00

Identne EN 1474-1:2008

#### **Installation and equipment for liquefied natural gas - Design and testing of marine transfer systems - Part 1: Design and testing of transfer arms**

This European Standard specifies the design, minimum safety requirements and inspection and testing procedures for liquefied natural gas (LNG) transfer arms intended for use on conventional onshore (LNG terminals 1). It also covers the minimum requirements for safe LNG transfer between ship and shore. Although the requirements for remote control power systems are covered, the standard does not include all the details for the design and fabrication of standard parts and fittings associated with transfer arms. The content of this European Standard is supplementary to local or national standards and regulations and is additional to the requirements of EN 1532 and EN 1473.

Keel en

Asendab EVS-EN 1474:2000

#### **EVS-EN 1474-2:2009**

Hind 198,00

Identne EN 1474-2:2008

#### **Installation and equipment for liquefied natural gas - Design and testing of marine transfer systems - Part 2: Design and testing of transfer hoses**

This European Standard gives general guidelines for the design, material selection, qualification, certification, and testing details for Liquefied Natural Gas (LNG) transfer hoses for offshore transfer or on coastal weather-exposed facilities for aerial, floating and submerged configurations or a combination of these. Whilst this European Standard is applicable to all LNG hoses, it is acknowledged that there may be further specific requirements for floating and submerged hoses. The transfer hoses will be designed to be part of transfer systems (it means that they will be fitted with ERS, QCDC, handling systems, hydraulic and electric components etc.) To avoid unnecessary repetition, cross-references to EN 1474-1 and EN 1474-3, are made for all compatible items, and for references, definitions and abbreviations. Where additional references, definitions and abbreviations are required specifically for LNG hoses, they are listed in this European Standard. Transfer hoses need to be durable when operating in the marine environment and to be flexible with a minimum bending radius compatible with handling and the operating requirements of the transfer system.

Keel en

#### **EVS-EN 1474-3:2009**

Hind 188,00

Identne EN 1474-3:2008

#### **Installation and equipment for liquefied natural gas - Design and testing of marine transfer systems - Part 3: Offshore transfer systems**

This European Standard gives general guidelines for the design of liquefied natural gas (LNG) transfer systems intended for use on offshore transfer facilities or on coastal weather exposed transfer facilities. The transfer facilities considered may be between floating units, or between floating and fixed units. The specific component details of the LNG transfer systems are not covered by this European Standard. Reference is made to prEN 1474-1 and prEN 1474-2 where appropriate. As a general statement the present standard applies to all transfer systems given in the scope. However, some transfer system designs may require a deviation from the full standard as described in normative Annex A.

Keel en

#### **EVS-EN 14214:2009**

Hind 135,00

Identne EN 14214:2008

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

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

Keel en

Asendab EVS-EN 14214:2004; EVS-EN 14214:2004/AC:2003; EVS-EN 14214:2004/AC:2007

#### **EVS-EN ISO 14691:2009**

Hind 209,00

Identne EN ISO 14691:2008

ja identne ISO 14691:2008

#### **Petroleum, petrochemical and natural gas industries - Flexible couplings for mechanical power transmission - General-purpose applications**

This International Standard specifies the requirements for couplings for the transmission of power between the rotating shafts of two machines for general-purpose applications in the petroleum, petrochemical and natural gas industries. Such applications typically require couplings to transmit power at speeds not exceeding 4 000 r/min, between machines in which the first lateral critical speed is above the running speed range (stiff-shaft machines). It can, by agreement, be used for applications outside these limits.

Keel en

Asendab EVS-EN ISO 14691:2001

#### **EVS-EN ISO 25457:2009**

Hind 2503,00

Identne EN ISO 25457:2008

ja identne ISO 25457:2008

#### **Petroleum, petrochemical and natural gas industries - Flare details for general refinery and petrochemical service**

This International Standard specifies requirements and provides guidance for the selection, design, specification, operation and maintenance of flares and related combustion and mechanical components used in pressure-relieving and vapour-depressurizing systems for petroleum, petrochemical and natural gas industries. Although this International Standard is primarily intended for new flares and related equipment, it is also possible to use it to evaluate existing flare facilities. Annexes A, B and C provide further guidance and best practices for the selection, specification and mechanical details for flares and on the design, operation and maintenance of flare combustion and related equipment. Annex D explains how to use the data sheets provided in Annex E; it is intended that these data sheets be used to communicate and record design information.

Keel en

#### **ASENDATUD VÕI TÜHISTATUD STANDARDID**

#### **EVS-EN 1474:2000**

Identne EN 1474:1997

#### **Paigaldised ja seadmed veeldatud maagaasi jaoks. Laadimis- ja mahalaadimiskonsoolide konstruktsioon ja katsetamine**

Käesolev standard määrab kindlaks veeldatud maagaasi laadimis- ja mahalaadimiskonsoolide konstruktsiooni, materjalivalikud, minimaalsed ohutusnõuded ja kontrollimise ning testimise menetlused. See hõlmab ka miinimumnõudeid veeldatud maagaasi ohutu teisaldamise kohta laevalt kaldale ja vastupidi.

Keel en

Asendatud EVS-EN 1474-1:2009

#### **EVS-EN 14214:2004/AC:2007**

Identne EN 14214:2003/AC:2007

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

Keel en

Asendatud EVS-EN 14214:2009

#### **EVS-EN 14214:2004**

Identne EN 14214:2003

#### **Autokütused. Rasvhapete metüülestrid (FAME) diiselmootorite jaoks. Nõuded ja katsemeetodid. SISALDAB RAHVUSLIKKU LISA**

Käesolevas standardis esitatakse nõuded ja katsemeetodid turustatavatele ja tarnitavatele rasvhapete metüülestritele (FAME), mida kasutatakse kas 100 %-lises kontsentratsioonis autodiiselmootori kütusena või autodiiselmootori kütuse ekstendrina vastavalt EN 590 nõuetele. 100 %-lise FAME standard on rakendatav kütusele, mida kasutatakse 100 %-lise FAME jaoks konstrueeritud või hiljem kohandatud diiselmootoriga autodes.

Keel et

Asendatud EVS-EN 14214:2009

#### **EVS-EN 14214:2004/AC:2003**

Identne EN 14214:2003/AC:2003

#### **Kütteõlid. Rasvhapete metüülestrid (FAME). Nõuded ja katsemeetodid**

Keel en

Asendatud EVS-EN 14214:2009

#### **EVS-EN ISO 14691:2001**

Identne EN ISO 14691:2000

ja identne ISO 14691:1999

#### **Petroleum and natural gas industries - Flexible couplings for mechanical power transmission - General purpose applications**

This International Standard specifies the requirements for couplings for the transmission of power between the rotating shafts of two machines for general purpose applications in the petroleum and natural gas industries. Such applications will typically require couplings to transmit power at speeds not exceeding 4000 revolutions per minute, between machines in which the first lateral critical speed is above the running speed range (stiff-shaft machines). It may, by agreement, be used for applications outside these limits.

Keel en

Asendatud EVS-EN ISO 14691:2009

#### **KAVANDITE ARVAMUSKÜSITLUS**

#### **prEN ISO 28460**

Identne prEN ISO 28460:2009

ja identne ISO/DIS 28460:2009

Tähtaeg 1.04.2009

#### **Petroleum and natural gas industries - Installation and equipment for liquefied natural gas - Ship-to-shore interface and port operations**

This International Standard specifies what is required by ship, terminal and port service providers to ensure the safe transit of the LNG carrier through the port area and the safe and efficient transfer of its cargo. It is applicable to: - pilotage and Vessel Traffic Services (VTS) - tug operators; - terminal operators; - ship operators; - suppliers of bunkers, lubricants and stores and other providers of services whilst the LNG carrier is moored alongside the terminal.

Keel en

Asendab EVS-EN 1532:2000



## **prEN ISO 19906**

Identne prEN ISO 19906:2009

ja identne ISO/DIS 19906:2009

Tähtaeg 1.04.2009

### **Petroleum and natural gas industries - Arctic offshore structures**

This International Standard specifies requirements and provides recommendations and guidance for the design, construction, transportation, installation, and removal of offshore structures, related to the activities of the petroleum and natural gas industries, in arctic and cold regions environments. The objective of the document is to ensure that arctic and cold regions offshore structures provide an appropriate level of reliability with respect to personal safety, environmental protection and asset value to the owner, to the industry and to society in general. ISO 19906 does not contain requirements for the operation, maintenance, service-life inspection or repair of arctic offshore structures, except where the design strategy imposes specific requirements (e.g. 17.2.2). While ISO 19906 does not apply specifically to mobile offshore drilling units (see ISO 19905-1), the procedures relating to ice actions and ice management contained herein are applicable to the assessment of such units.

Keel en

## **77 METALLURGIA**

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS-EN 10253-3:2009**

Hind 243,00

Identne EN 10253-3:2008

#### **Butt-welding pipe fittings - Part 3: Wrought austenitic and austenitic-ferritic (duplex) stainless steels without specific inspection requirements**

This part of EN 10253 specifies the technical delivery requirements for seamless and welded butt-welding fittings (elbows, concentric and eccentric reducers, equal and reducing tees, caps) made of austenitic and austenitic-ferritic (duplex) stainless steel without specific inspection requirements. It specifies: - steel grades; - mechanical properties; - dimensions and tolerances; - requirements for inspection and testing; - inspection documents; - marking; - handling and packaging.

Keel en

#### **EVS-EN 15061:2007+A1:2009**

Hind 229,00

Identne EN 15061:2007+A1:2008

#### **Masinaohutus. Valumasinate ja seadmete ohutusnõuded KONSOLIDEERITUD TEKST**

This European Standard defines the health and safety requirements of strip processing lines (see 3.1). This European Standard deals with all significant hazards, hazardous situations and events relevant for strip processing line machinery and equipment, when used as intended and under conditions foreseen by the manufacturer, but also includes foreseeable faults and malfunctions in case of misuse. This European Standard specifies the requirements to ensure the safety of persons which are to be considered and met during the design, assembly, transport, commissioning, operation, maintenance and decommissioning of the equipment.

Keel en

Asendab EVS-EN 15061:2007

#### **EVS-EN ISO 148-2:2009**

Hind 219,00

Identne EN ISO 148-2:2008

ja identne ISO 148-2:2008

#### **Metallic materials - Charpy pendulum impact test - Part 2: Verification of testing machines**

This part of ISO 148 covers the verification of the constructional elements of pendulum-type impact testing machines. It is applicable to machines with 2 mm or 8 mm strikers used for pendulum impact tests carried out, for instance, in accordance with ISO 148-1. It can analogously be applied to pendulum impact testing machines of various capacities and of different design. Impact machines used for industrial, general or research laboratory testing of metallic materials in accordance with this part of ISO 148 are referred to as industrial machines. Those with more stringent requirements are referred to as reference machines. Specifications for the verification of reference machines are found in ISO 148-3.

Keel en

#### **EVS-EN ISO 148-3:2009**

Hind 166,00

Identne EN ISO 148-3:2008

ja identne ISO 148-3:2008

#### **Metallic materials - Charpy pendulum impact test - Part 3: Preparation and characterization of Charpy V-notch test pieces for indirect verification of pendulum impact machines**

This part of ISO 148 covers the requirements, preparation and methods for qualifying test pieces used for the indirect verification of pendulum impact testing machines in accordance with ISO 148-2. It specifies notched test pieces with nominal dimensions identical to those specified in ISO 148-1; however, the tolerances are more stringent.

Keel en

### **ASENDATUD VÕI TÜHISTATUD STANDARDID**

#### **EVS-EN 15061:2007**

Identne EN 15061:2007

#### **Masinate ohutus. Valumasinate ja seadmete ohutusnõuded**

This European Standard defines the health and safety requirements of strip processing lines (see 3.1). This European Standard deals with all significant hazards, hazardous situations and events relevant for strip processing line machinery and equipment, when used as intended and under conditions foreseen by the manufacturer, but also includes foreseeable faults and malfunctions in case of misuse. This European Standard specifies the requirements to ensure the safety of persons which are to be considered and met during the design, assembly, transport, commissioning, operation, maintenance and decommissioning of the equipment

Keel en

Asendatud EVS-EN 15061:2007+A1:2009

## 79 PUIDUTEHNOLOOGIA

### UUED STANDARDID JA PUBLIKATSIOONID

#### **EVS-EN 13696:2009**

Hind 178,00

Identne EN 13696:2008

#### **Puidust põrandakate. Katsemeetodid elastsuse, kulumis- ja löögikindluse määramiseks**

This document specifies a test method to determine the resistance to wear of lacquered wood floorings, a method to test the elasticity of the lacquer and a method to determine resistance to impact of lacquered wood floorings.

Keel en

#### **EVS-EN 14081-4:2006+A4:2009**

Hind 243,00

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 VÕI TÜHISTATUD STANDARDID

#### **EVS-EN 14081-4:2006+A3:2008**

Identne EN 14081-4:2005+A3:2008

#### **Puitkonstruktsioonid. Nelinurkse ristlõikega tugevussorditud ehituspuit. Osa 4: Masinsortimine. Sortimismasinatate seadistused masinkontrollüsteemidele KONSOLIDEERITUD TEKST**

Käesolev standard annab standardi EN 14081-2 soovitude järgi tuletatud seadistused erinevatele tugevusklasside või sortide kombinatsioonidele, erinevatele sortimismasinatatele ja erineva päritoluga erinevatele puiduliikidele. Need seadistused rakenduvad vaid tabelis osundatud päritoluga puidule.

Keel et

Asendab EVS-EN 14081-4:2006+A2:2007

Asendatud prEN 14081-4; EVS-EN 14081-4:2006+A4:2009

### KAVANDITE ARVAMUSKÜSITLUS

#### **EN 848-3:2007/prA1**

Identne EN 848-3:2007/prA1:2009

Tähtaeg 1.04.2009

#### **Puidutöötlemismasinatate ohutus. Ühepoolised pöörleva lõiketeraga puidutöötluspingid. Osa 3: Arvuhtimise (NC) puurmasinad ja profiilreesimismasinad**

This document deals with the significant hazards, hazardous situations and events as listed in Clause 4, which are relevant to NC boring machines, NC routing machines and NC combined boring/routing machines (as defined in 3.2.1) herein after referred to as "machines" designed to cut solid wood, chip board, fibreboard, plywood and also these materials where these are covered with plastic laminate or edgings when they are used as intended and under the conditions foreseen by the manufacturer.

Keel en

#### **EN 860:2007/prA1**

Identne EN 860:2007/prA1:2009

Tähtaeg 1.04.2009

#### **Puidutöötlemismasinatate ohutus. Ühepoolised paksushövelpingid**

See Euroopa standard määrab kindlaks nõuded ja/või meetmed ohu kõrvaldamiseks ja riski piiramiseks kombineeritud etteandega ühepoolsetel paksushövelpinkidel (edaspidi nimetatud "masinad"), mis on konstrueeritud täispuidu, puitlaastplaatide, puitkiudplaatide ja vineeri lõiketöötamiseks ja plastlaminaadi või servaplastiga kaetud samade materjalide lõiketöötamiseks. See Euroopa standard hõlmab kõiki nende masinatega seotud ohutegureid.

Keel en

#### **EN 861:2007/prA1**

Identne EN 861:2007/prA1:2009

Tähtaeg 1.04.2009

#### **Puidutöötlemismasinatate ohutus. Rihthövelpingid ja paksushövelpingid**

See Euroopa standard määrab kindlaks nõuded ja/või meetmed ohu kõrvaldamiseks ja riski piiramiseks kombineeritud etteandega rihthövelpinkidel ja paksushövelpinkidel (edaspidi nimetatud "masinad"), mis on konstrueeritud täispuidu, puitlaastplaatide, puitkiudplaatide ja vineeri lõiketöötamiseks ja plastlaminaadi või servaplastiga kaetud samade materjalide lõiketöötamiseks. See Euroopa standard hõlmab kõiki nende masinatega seotud ohutegureid.

Keel en

#### **EN 940:1999/prA1**

Identne EN 940:1997/prA1:2009

Tähtaeg 1.04.2009

#### **Puidutöötlusmasinatate ohutus. Kombineeritud puidutöötlusmasinad**

See Euroopa standard määrab kindlaks nõuded ja/või meetmed ohu kõrvaldamiseks ja riski piiramiseks kombineeritud puidutöötlusmasinatel (kahe või enama elemendi kombinatsioon hõõveldamiseks, ketassaaga saagimiseks, vertikaalspindliga hõõveldamiseks, puurimiseks (soonimiseks), paksushõõveldamiseks), edaspidi nimetatud "masinad", mis on konstrueeritud täispuidu, puitlaastplaatide, puitkiudplaatide ja vineeri lõiketöötamiseks ja plastlaminaadi või servaplastiga kaetud samade materjalide lõiketöötamiseks. See Euroopa standard hõlmab kõiki nende masinatega seotud ohutegureid.

Keel en

**EN 1218-1:2000/prA1**

Identne EN 1218-1:1999/prA1:2009

Tähtaeg 1.04.2009

**Puidutöötlemismasinate ohutus. Tappimismasinad.****Osa 1: Ühesisendilised liuglauaga tappimismasinad**

This European Standard sets out the requirements and describes the methods for the removal of hazards or the measures that shall be taken to limit the risks on single end tenoning machines equipped with a sliding table, designed to cut solid wood and/or analogous materials.

Keel en

**EN 1218-5:2004/prA1**

Identne EN 1218-5:2004/prA1:2009

Tähtaeg 1.04.2009

**Safety of woodworking machines - Tenoning machines - Part 5: One side profiling machines with fixed table and feed rollers or feed chain**

This European Standard specifies the requirements and/or measures to remove the hazards and/or limit the risks on one side profiling machines with fixed table and feed rollers or feed chain hereinafter referred to as "machines", where the loading and unloading is manual and where the maximum work-piece height capacity is 200 mm. The machine is designed to process in one pass one side of solid wood, chip board, fibreboard or plywood and also these materials where they are covered with plastic laminate. The work-piece is fed through the processing units by an integrated feed consisting of rollers or a chain.

Keel en

**EN 1807:2000/prA1**

Identne EN 1807:1999/prA1:2009

Tähtaeg 1.04.2009

**Puidutöötlemismasinate ohutus.****Lintsaagimismasinad**

This European Standard sets out the requirements and/or measures to remove the hazards and limit the risk on bandsawing machines with either manual or automatic loading and/or unloading (hereinafter referred to as machine) designed to cut solid wood, chipboard, fibreboard, plywood and also these materials where these are covered with plastic laminate or edgings.

Keel en

**EN 1870-4:2001/prA1**

Identne EN 1870-4:2001/prA1:2009

Tähtaeg 1.04.2009

**Puidutöötlemismasinate ohutus.****Ketassaagimisseadmed. Osa 4: Lintsaagimismasinad**

This European Standard sets out the requirements and/or measures to remove the hazards and limit the risk on multiblade rip sawing machines with manual loading and/or unloading as defined in 3.1, herein after referred to as "machines", designed to cut solid wood, chipboard, fibreboard, plywood and also these materials where they are covered with plastic edging and/or plastic/light alloy laminates.

Keel en

**EN 1870-5:2002/prA1**

Identne EN 1870-5:2002/prA1:2009

Tähtaeg 1.04.2009

**Puidutöötlemismasinate ohutus.****Ketassaagimisseadmed. Osa 5:****Ketassaapingid/ülallõikamise järkamissaeseadmed**

This European Standard specifies the requirements and/or the measures to remove the hazards and limit the risk on circular sawbenches/up-cutting cross-cut sawing machines, hereinafter referred to as machines, designed to cut solid wood, chipboard, fibreboard, plywood and also these materials where they are covered with plastic edging and/or plastic/light alloy laminates. This European Standard does not apply to: hand held woodworking machines or any adaptation permitting their use in a different mode, i.e. bench mounting; machines set up on a bench or a table similar to a bench, which is intended to carry out work in a stationary position, capable of being lifted by one person by hand. This European Standard covers the hazards relevant to these machines as stated in clause 4. For Computer Numerically Controlled (CNC) machines this European Standard does not cover hazards related to Electro-Magnetic Compatibility (EMC). This European Standard is primarily directed at machines which are manufactured after the date of issue of this European Standard.

Keel en

**EN 1870-7:2002/prA1**

Identne EN 1870-7:2002/prA1:2009

Tähtaeg 1.04.2009

**Puidutöötlemismasinate ohutus.****Ketassaagimisseadmed. Osa 7: Ühelehelised****integreeritud sööturlaua ja käsitsi****pealelaadimise/mahalaadimisega****palgijärkamisseadmed**

This standard sets out the requirements and describes the method for the removal of hazards or, the measures that shall be taken to limit the risks on single blade circular log sawing machines with integrated feed table with manual loading and/or unloading, (hereinafter referred to as machines), designed to cut solid wood.

Keel en

**EN 1870-8:2001/prA1**

Identne EN 1870-8:2001/prA1:2009

Tähtaeg 1.04.2009

**Puidutöötlemismasinate ohutus.****Ketassaagimisseadmed. Osa 8: Ühelehelised****servalõikuse lõhestamise ketassaagimismasinad****mehaanilise saeseadisega ja käsitsi****pealelaadimise/mahalaadimisega**

This European Standard sets out the requirements and/or measures to remove the hazard and/or limit the risk on single blade edging circular rip sawing machines with power driven saw unit and manual loading and/or unloading, hereinafter referred to as "machines", designed to cut solid wood, fibreboard and plywood.

Keel en

## EN 12750:2001/prA1

Identne EN 12750:2001/prA1:2009

Tähtaeg 1.04.2009

### **Puidutöötlemismasinatate ohutus. Neljakandilised vormimismasinad**

This European Standard specifies the requirements and/or measures to remove the hazards and limit the risk on four-sided moulding machines with a maximum working width of 350 mm designed to cut solid wood, chipboard, fibreboard, plywood and also these materials where these are covered with plastic laminates or edgings.

Keel en

## EN 12779:2005/prA1

Identne EN 12779:2004/prA1:2009

Tähtaeg 1.04.2009

### **Puidutöötlemismasinatate ohutus. Statsionaarsete seadmetega hakise- ja tolmueemaldussüsteemid. Ohutu kasutamine ja ohutusnõuded**

This European Standard sets out the safety related performance requirements and specifies the methods for elimination of hazards or the measures that shall be taken to minimise hazards, which cannot be eliminated, on chip and dust extraction systems with fixed installation as defined in 3.1.1 and 3.1.2, for the purpose of this standard, hereinafter referred to as extraction system, connected to woodworking machines, designed to process solid wood, chipboard, fibreboard, plywood and also these materials where these are covered with plastic laminate or edgings. The extraction and conveying system operates pneumatically by vacuum and/or pressure between  $\pm 0,3$  bar.

Keel en

## prEN 14080

Identne prEN 14080:2009

Tähtaeg 1.04.2009

### **Timber structures - Glued laminated timber and glued laminated solid timber - Requirements**

This European Standard lays down the performance requirements and minimum requirements for the production of glued laminated timber, glued laminated solid timber, glued members made of glulam components and large finger joints in glued laminated timber members for use in buildings and bridges. The requirements will need to be supplemented to take into consideration special production conditions, materials or functional requirements. This European standard is applicable for glued laminated timber made of certain listed coniferous timber species or poplar consisting of two or more lamellas having a thickness between 6 mm and 45 mm. This European standard is applicable for glued laminated solid timber made of certain listed coniferous timber species or poplar consisting of two or three lamellas having a thickness greater than 45 mm and less than or equal 85 mm. The maximum height of the glued laminated solid timber is 240 mm, the maximum width 280 mm. This European Standard is applicable for glued members made of glulam-components having solid rectangular cross sections. The specifications of this European standard are valid for large finger joints in glued laminated timber members with a finger length of at least 45 mm. This European Standard lays down the requirements for glued members produced from untreated timber or from timber treated against biological attack. Glued members treated with fire retardants are not covered.

Keel en

Asendab EVS-EN 14080:2005

## 81 KLAASI- JA KERAAMIKA-TÖÖSTUS

### UUED STANDARDID JA PUBLIKATSIOONID

#### **EVS-EN ISO 20565-1:2009**

Hind 166,00

Identne EN ISO 20565-1:2008

ja identne ISO 20565-1:2008

#### **Chemical analysis of chrome-bearing refractory products and chrome-bearing raw materials (alternative to the X-ray fluorescence method) - Part 1: Apparatus, reagents, dissolution and determination of gravimetric silica**

This part of ISO 20565 specifies methods for the chemical analysis of chrome-bearing refractory products and chrome-bearing raw materials, using traditional ("wet") methods, ICP-AES spectrometry and FAAS spectrometry. It covers apparatus, reagents, dissolution and determination of gravimetric silica.

Keel en

#### **EVS-EN ISO 20565-2:2009**

Hind 188,00

Identne EN ISO 20565-2:2008

ja identne ISO 20565-2:2008

#### **Kroomi sisaldavate tulekindlate toodete ja kroomi sisaldavate toorainete keemiline analüüs (röntgenfluorestsentsmeetodi alternatiiv). Osa 2: Keemiline märganalüüs**

This part of ISO 20565 specifies traditional ("wet process") methods for the chemical analysis of chrome-bearing refractory products and raw materials.

Keel en

#### **EVS-EN ISO 20565-3:2009**

Hind 145,00

Identne EN ISO 20565-3:2008

ja identne ISO 20565-3:2008

#### **Chemical analysis of chrome-bearing refractory products and chrome-bearing raw materials (alternative to the X-ray fluorescence method) - Part 3: Flame atomic absorptionspectrometry (FAAS) and inductively coupled plasma atomic emission spectrometry (ICP-AES)**

This part of ISO 20565 specifies flame atomic absorption spectrometry (FAAS) and inductively coupled plasma atomic emission spectrometry (ICP-AES) methods for the chemical analysis of chrome-bearing refractory products and chrome-bearing raw materials.

Keel en

### KAVANDITE ARVAMUSKÜSITLUS

#### **EN 13035-3:2003/prA1**

Identne EN 13035-3:2003/prA1:2009

Tähtaeg 1.04.2009

#### **Masinad ja jaamad lehtklaasi valmistamiseks ja töötlemiseks. Ohutusnõuded. Osa 3: Lõikamismasinad**

This standard contains the requirements for safety for the design and installation of machines with one movable bridge for cutting of flat glass, which operate by scoring of the glass placed on a horizontal support. This standard covers the transport of the glass on the machine

Keel en

### **prEN 843-6**

Identne prEN 843-6:2009

Tähtaeg 1.04.2009

#### **Advanced technical ceramics - Mechanical properties of monolithic ceramics at room temperature - Part 6: Guidance for fractographic investigation**

This Part of EN 843 contains guidelines to be adopted when evaluating the appearance of the fracture surface of an advanced technical ceramic. The purpose in undertaking this procedure can be various, for example, for material development or quality assessment, to identify normal or abnormal causes of failure, or as a design aid.

Keel en

Asendab CEN/TS 843-6:2004

## **83 KUMMI- JA PLASTITÖÖSTUS**

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS-EN 15702:2009**

Hind 80,00

Identne EN 15702:2008

#### **Cellular Plastics - Cell count procedure for flexible and rigid polyurethane**

This European Standard specifies a method for determining the cell count of flexible and rigid cellular polyurethane.

Keel en

#### **EVS-EN ISO 2439:2009**

Hind 135,00

Identne EN ISO 2439:2008

ja identne ISO 2439:2008

#### **Flexible cellular polymeric materials - Determination of hardness (indentation technique)**

The indentation hardness of flexible cellular materials is a measure of their load-bearing properties. This International Standard specifies four methods (A to D) for the determination of indentation hardness and one method (E) for determination of compressive deflection coefficient and hysteresis loss rate of flexible cellular materials. Annex A provides a summary of test parameters and typical force-indentation graphs obtained with these methods.

Keel en

Asendab EVS-EN ISO 2439:2001

#### **EVS-EN ISO 3861:2009**

Hind 80,00

Identne EN ISO 3861:2008

ja identne ISO 3861:2005

#### **Kummivoolikud liivajuga- ja haavelpuhastuseks. Tehnilised andmed**

This International Standard specifies the requirements for rubber hoses for wet and dry sand and grit blasting, suitable for use up to a maximum working pressure of 6,3 bar and over an operating temperature range of -25 °C to +70 °C.

Keel en

Asendab EVS-EN ISO 3861:1999

#### **EVS-EN ISO 8067:2009**

Hind 105,00

Identne EN ISO 8067:2008

ja identne ISO 8067:2008

#### **Elastsed poorsed polümeermaterjalid.**

##### **Katketugevuse määramine**

This International Standard specifies two methods for the determination of the tear strength of flexible cellular polymeric materials: - method A, using a trouser test piece; - method B, using an angle test piece without a nick.

Keel en

Asendab EVS-EN ISO 8067:2000

#### **EVS-EN ISO 28941-1:2009**

Hind 114,00

Identne EN ISO 28941-1:2008

ja identne ISO 28941-1:2008

#### **Plastid. Polü(fenüüleeter) (PPE) valu ja ekstruuderid.**

##### **Osa 1: Projekteerimissüsteemi ja spetsifikatsiooni koostamise alused**

1.1 This part of ISO 28941 establishes a system of designation for PPE thermoplastic materials, which may be used as the basis for specifications. 1.2 The types of PPE plastic are differentiated from each other by a classification system based on appropriate levels of the designatory properties a) temperature of deflection under load b) melt volume-flow rate c) Charpy notched impact strength d) flammability and on information about basic polymer parameters, intended application and/or method of processing, important properties, additives, colorants, fillers and reinforcing materials.

Keel en

Asendab EVS-EN ISO 15103-1:2004

### **ASENDATUD VÕI TÜHISTATUD STANDARDID**

#### **EVS-EN ISO 2439:2001**

Identne EN ISO 2439:2000

ja identne ISO 2439:1997 + Cor. 1:1998

#### **Flexible cellular polymeric materials - Determination of hardness (indentation technique)**

This standard specifies three methods for determining the indentation hardness of flexible cellular materials: - Method A = Indentation hardness index - Method B = Indentation hardness characteristics - Method C = Indentation hardness check.

Keel en

Asendatud EVS-EN ISO 2439:2009

#### **EVS-EN ISO 8067:2000**

Identne EN ISO 8067:1995

ja identne ISO 8067:1988

#### **Elastsed poorsed polümeermaterjalid.**

##### **Katketugevuse määramine**

Standard määrab kindlaks meetodi elastsete poorsete polümeermaterjalide katketugevuse määramiseks, kui materjalide paksus on üle 24 mm. Kirjeldatud meetod annab väärtuse, mida võib pidada poormaterjali katkemistugevuseks selle täpse testi tingimustes.

Keel en

Asendatud EVS-EN ISO 8067:2009

#### **EVS-EN ISO 15103-1:2004**

Identne EN ISO 15103-1:2004

ja identne ISO 15103-1:2000

#### **Plastics - Poly(phenylene ether) (PPE) moulding and extrusion materials - Part 1: Designation system and basis for specifications**

This part of ISO 15103 establishes a system of designation for PPE thermoplastic materials, which may be used as the basis for specifications

Keel en

Asendatud EVS-EN ISO 28941-1:2009

#### **KAVANDITE ARVAMUSKÜSITLUS**

#### **FprEN 62562**

Identne FprEN 62562:2009

ja identne IEC 62562:200X

Tähtaeg 1.04.2009

#### **Cavity resonator method to measure the complex permittivity of low-loss dielectric plates**

The object of this document is to describe a measurement method of dielectric properties in the planer direction of dielectric plate at microwave frequency. This method is called a cavity resonator method. It has been created in order to develop new materials and to design microwave active and passive devices for which standardization of measurement methods of material properties is more and more important. This method has the following characteristics:

- the relative permittivity  $\epsilon'$  and loss tangent  $\delta \tan$  values of a dielectric plate sample can be measured accurately and nondestructively;
- temperature dependence of complex permittivity can be measured;
- the measurement accuracy is within 0,3% for  $\epsilon'$  and within  $5 \times 10^{-6}$  for  $\delta \tan$ ;
- fringing effect is corrected using correction charts calculated on the basis of rigorous analysis.

Keel en

#### **prEN ISO 844**

Identne prEN ISO 844:2009

ja identne ISO 844:2007

Tähtaeg 1.04.2009

#### **Rigid cellular plastics - Determination of compression properties**

This International Standard specifies a method of determining a) the compressive strength and corresponding relative deformation or b) the compressive stress at 10 % relative deformation and c) when desired, the compressive modulus of rigid cellular plastics.

Keel en

#### **prEN ISO 845**

Identne prEN ISO 845:2009

ja identne ISO 845:2006

Tähtaeg 1.04.2009

#### **Poorplastid ja -kummid. Näivtiheduse määramine**

This International Standard specifies a method for determining the apparent overall density and the apparent core density of cellular plastics and rubbers. If the material to be tested includes skins formed during a moulding/extrusion, the apparent overall density or the apparent core density, or both, can be determined. If the material does not have skins formed during moulding, the term "overall density" is not applicable. For shaped materials, a different method such as buoyancy method may be used.

Keel en

Asendab EVS-EN ISO 845:2000

#### **prEN ISO 14855-2**

Identne prEN ISO 14855-2:2009

ja identne ISO 14855-2:2007

Tähtaeg 1.04.2009

#### **Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions - Method by analysis of evolved carbon dioxide - Part 2: Gravimetric measurement of carbon dioxide evolved in a laboratory-scale test**

This part of ISO 14855 specifies a method for determining the ultimate aerobic biodegradability of plastic materials under controlled composting conditions by gravimetric measurement of the amount of carbon dioxide evolved. The method is designed to yield an optimum rate of biodegradation by adjusting the humidity, aeration and temperature of the composting vessel. The method applies to the following materials:- natural and/or synthetic polymers and copolymers, and mixtures of these;- plastic materials that contain additives such as plasticizers or colorants;- water-soluble polymers;- materials that, under the test conditions, do not inhibit the activity of micro-organisms present in the inoculum. If the test material inhibits micro-organisms in the inoculum, another type of mature compost or pre-exposure compost can be used.

Keel en

#### **prEN ISO 22088-5**

Identne prEN ISO 22088-5:2009

ja identne ISO 22088-5:2006

Tähtaeg 1.04.2009

#### **Plastics - Determination of resistance to environmental stress cracking (ESC) - Part 5: Constant tensile deformation method**

This part of ISO 22088 specifies a method for the determination of the environmental stress cracking (ESC) behaviour of thermoplastics when they are subjected to a constant tensile deformation in the presence of a chemical medium. It is applicable to test specimens prepared by moulding and/or machining and can be used for the assessment of the ESC behaviour of plastic materials exposed to different environments, as well as for the determination of the ESC behaviour of different plastic materials exposed to a specific environment. This is essentially a ranking test and is not intended to provide data to be used for design or performance prediction.

Keel en

## **prEN ISO 22088-6**

Identne prEN ISO 22088-6:2009

ja identne ISO 22088-6:2006

Tähtaeg 1.04.2009

### **Plastics - Determination of resistance to environmental stress cracking (ESC) - Part 6: Slow strain rate method**

This part of ISO 22088 describes a procedure for assessing the environmental stress cracking (ESC) susceptibility of polymeric materials in chemical environments by slowly increasing the strain applied to a tensile specimen at a constant rate. It is applicable to test specimens prepared by moulding and/or machining and can be used to assess the relative ESC susceptibility of a material exposed to different environments or the relative ESC susceptibility of different plastics exposed to a specific environment. This is essentially a ranking test and is not intended for the provision of design data. The principle advantage of the test compared with the test methods described in Parts 2 to 5 of ISO 22088 is the rapidity with which the ESC susceptibility of a particular polymer/environment combination can be assessed.

Keel en

## **85 PABERITEHNOLOOGIA**

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS-EN ISO 1924-2:2009**

Hind 124,00

Identne EN ISO 1924-2:2008

ja identne ISO 1924-2:2008

#### **Paber ja papp. Tõmbeomaduste määramine. Osa 2: Konstantse venitamiskiiruse meetod**

This part of ISO 1924 specifies a method for measuring the tensile strength, strain at break and tensile energy absorption of paper and board, using a testing machine operating at a constant rate of elongation (20 mm/min). This part of ISO 1924 also specifies equations for calculating the tensile index, the tensile energy absorption index and the modulus of elasticity. Testing in conformance with this part of ISO 1924 always includes the measurement of tensile strength. Measurement or calculation of other properties is subject to agreement between the parties concerned. This part of ISO 1924 is applicable to all papers and boards, including papers with a high strain at break if the results are within the capacity of the testing machine. It also applies to the components of corrugated board but not, however, to corrugated board itself. This part of ISO 1924 is not applicable to tissue paper and tissue products for which ISO 12625-4[2] is applicable. For the determination of tensile properties of laboratory sheets, ISO 5270[3] is recommended.

Keel en

Asendab EVS-EN ISO 1924-2:2000

#### **EVS-EN ISO 7263:2009**

Hind 105,00

Identne EN ISO 7263:2008

ja identne ISO 7263:2008

#### **Gofreeritav materjal. Tasapinnalisele survele vastupidavuse määramine pärast laboratoorset rihveldamist**

This International Standard specifies two methods for the determination of the flat crush resistance of corrugating medium after laboratory fluting. The procedures are applicable to any corrugating medium intended to be used, after fluting, in the manufacture of corrugated board.

Keel en

Asendab EVS-EN ISO 7263:2000

### **ASENDATUD VÕI TÜHISTATUD STANDARDID**

#### **EVS-EN ISO 1924-2:2000**

Identne EN ISO 1924-2:1995

ja identne ISO 1924-2:1994

#### **Paber ja papp. Tõmbeomaduste määramine. Osa 2: Konstantse venitamiskiiruse meetod**

Standardi ISO 1924 käesolevas osas kindlaksmääratud tõmbeomaduste määramise meetod on seotud standardis ISO 1924-1 määratud meetodiga. Käesolevas meetodis kasutatakse teimimisseadet, mis töötab konstantse venitamiskiirusega, samal ajal kui standardis ISO 1924-1 kirjeldatud meetodis rakendatakse konstantse kiirusega tõmbejõudu, mis põhjustab katkemise 20±5 sekundilise ajavahemiku jooksul.

Keel en

Asendatud EVS-EN ISO 1924-2:2009

#### **EVS-EN ISO 7263:2000**

Identne EN ISO 7263:1995

ja identne ISO 7263:1994

#### **Gofreeritav materjal. Tasapinnalisele survele vastupidavuse määramine pärast laboratoorset rihveldamist**

Käesolev rahvusvaheline standard määrab kindlaks kaks menetlust gofreeritava materjali tasapinnalisele survele vastupidavuse määramiseks pärast laboratoorset rihveldamist. Menetlused on rakendatavad mis tahes paberile, mida kavatakse pärast rihveldamist kasutada lainelise fiiberkartongi tootmiseks.

Keel en

Asendatud EVS-EN ISO 7263:2009

## **87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS**

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **EN 1953:1999/prA1**

Identne EN 1953:1998/prA1:2009

Tähtaeg 1.04.2009

#### **Kattematerjalide pihustus- ja pritsimisvarustus. Ohutusnõuded**

See Euroopa standard määrab kindlaks pritsimisvarustuse konstrueerimise ja valmistamise vedelate, pastataoliste (pooltahkete) ja pulbriliste kattematerjalide käsitsi ja automaatseks pealekandmiseks. Käsivarustuse tunnuseks on käeshoitavus, automaatvarustust juhitakse abisignaalidega ning see on kas jäigalt kinnitatud või paigaldatud automaatseadmetele, nagu näiteks robotid või edasi-tagasi liikuvad või pöörlevad seadmed.

Keel en

**EN 12215:2005/prA1****Pindamiseadmed. Pihustuskambrid orgaaniliste vedelate kattmaterjalide pealekandmiseks.****Ohutusnõuded**

This European Standard is applicable to spray booths as well as multizone spray booths for the application of organic liquid coating materials (paints, varnishes....), and deals with all significant hazards relevant to spray booths or multizone spray booths, when they are used as intended and under the conditions foreseen by the manufacturer (see clause 4).

Identne EN 12215:2004/prA1:2009

Keel en

Tähtaeg 1.04.2009

**91 EHTUSMATERJALID JA EHTUS****UUED STANDARDID JA PUBLIKATSIOONID****EVS-EN 196-3:2005+A1:2009****Tsemendi katsetamine. Osa 3: Tardumisaja ja mahupüsivuse määramine KONSOLIDEERITUD TEKST**

This document specifies the methods for determining standard consistence, setting times and soundness of cements. The method applies to common cements and to other cements and materials, the standards for which call up this method. It may not apply to other cement types that have, for example, a very short initial setting time. The method is used for assessing whether the setting time and soundness of a cement is in conformity with its specification. This document describes the reference methods and allows the use of alternative procedures and equipment, as indicated in notes, provided that they have been calibrated against the reference methods. In the event of a dispute, only the reference equipment and procedures are used.

Hind 135,00

Identne EN 196-3:2005+A1:2008

Keel en

Asendab EVS-EN 196-3:2005

**EVS-EN 1858:2009****Korstnad. Komponentid. Betoonist lõõriga plokid**

Käesolev Euroopa standard määratleb korstnasüsteemides kasutatavate, jaotises 3 kirjeldatud betoonist lõõriplokkide ehitamiseks kasutatavatele materjalidele, mõõtmetele ja toimivusele esitatavad nõuded. Lõõriga plokid võivad olla ühekihilise või kihilise seinaga. Standardit ei kohaldata eriventilatsiooniga korstnate puhul. Standard määratleb ploki tüübi, mille mõõtmed peavad olema vastavuses müüritise elemendi kõrgusega ning mida käsitletakse tüübina B (sideplokki). Käesolevat standardit kohaldatakse ka korrusekõrguste (kindla kõrgusega) ja armatuuriga lõõriplokkide puhul.

Hind 256,00

Identne EN 1858:2008

Keel en

Asendab EVS-EN 1858:2005



**EVS-EN 12635:2002+A1:2009**

Hind 135,00

Identne EN 12635:2002+A1:2008

**Tööstus-, kommerts- ning garaažiüksed ja -väravad. Paigaldamine ja kasutamine KONSOLIDEERITUD TEKST**

This European Standard specifies the information to be provided by the door manufacturer and the components manufacturer to ensure safe installation, operation, use (including maintenance and repair) of doors, gates and barriers intended for installation in areas in the reach of persons, and for which the main intended uses are giving safe access for goods and vehicles accompanied or driven by persons in industrial, commercial or residential premises. This European Standard also covers commercial doors such as rolling shutters and rolling grilles used in retail premises which are mainly provided for the access of persons rather than vehicles or goods. This European Standard applies to manually operated and power operated doors, to doors and components intended to be installed by "non professional installers" and may also apply to the installation and use of upgrading component(s). The European Standard only applies to the doors and components manufactured after the date of publication.

Keel en

Asendab EVS-EN 12635:2003

**EVS-EN 13165:2009**

Hind 229,00

Identne EN 13165:2008

**Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud jäigast vahtpolüuretaanist (PUR) tooted. Spetsifikatsioon**

This European Standard specifies the requirements for factory made rigid polyurethane foam (PUR) products, with or without rigid or flexible facings or coatings and with or without integral reinforcement, which are used for the thermal insulation of buildings. PUR also includes polyisocyanurate foam (PIR). The products are manufactured in the form of boards. This European Standard also covers the thermal performance of composite panels in which polyurethane rigid foam is the main insulant. This European Standard specifies product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Products covered by this European Standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered.

Keel en

Asendab EVS-EN 13165:2002; EVS-EN 13165:2002/A1:2004; EVS-EN 13165:2002/A2:2005

**EVS-EN 13166:2009**

Hind 219,00

Identne EN 13166:2008

**Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud fenovahust (PF) tooted. Spetsifikatsioon**

This European Standard specifies the requirements for factory made products of phenolic foam, with or without facings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards and laminates. This European Standard specifies product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Products covered by this European Standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This European Standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non-conflicting standards.

Keel en

Asendab EVS-EN 13166:2002; EVS-EN 13166:2002/A1:2004

**EVS-EN 13167:2009**

Hind 219,00

Identne EN 13167:2008

**Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud vahtklaasist (CG) tooted. Spetsifikatsioon**

This European Standard specifies the requirements for factory made cellular glass products, with or without facings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards or slabs. This European Standard specifies product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Products covered by this standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This European Standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non-conflicting standards.

Keel en

Asendab EVS-EN 13167:2002; EVS-EN 13167:2002/A1:2004

**EVS-EN 13168:2009**

Hind 219,00

Identne EN 13168:2008

**Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud fibroliidist (WW) tooted. Spetsifikatsioon**

This European Standard specifies the requirements for factory made products of wood wool, with or without facings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards or slabs. This European Standard specifies product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. This European Standard also specifies the requirements for the factory made composite products, made from wood wool in combination with other insulation materials. Products covered by this European Standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This European Standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels/classes required for a given application are to be found in regulations or non-conflicting standards.

Keel en

Asendab EVS-EN 13168:2002

**EVS-EN 13169:2009**

Hind 229,00

Identne EN 13169:2008

**Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud paisutatud perliidist (EPB) tooted. Spetsifikatsioon**

This European Standard specifies the requirements for factory made products of expanded perlite, with or without facings or coatings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards or multi-layered insulation. This European Standard also covers composite insulation boards (see Annex D). This European Standard specifies product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Products covered by this European Standard are also used in prefabricated thermal insulating systems and composite panels; the performance of systems incorporating these products is not covered. This European Standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non-conflicting standards.

Keel en

Asendab EVS-EN 13169:2002; EVS-EN 13169:2002/A1:2004

**EVS-EN 13170:2009**

Hind 219,00

Identne EN 13170:2008

**Ehituslikud soojusisolatsioonitooted. Tehases toodetud paisutatud korgist (ICB) tooted. Tehnilised tingimused**

This European Standard specifies the requirements for factory made products of expanded cork, which are used for the thermal insulation of buildings. The products are made with granulated cork agglomerated without additional binders and are delivered as boards without facings. This European Standard specifies product characteristics and includes procedures for testing, evaluation of conformity, marking, labelling and packaging. Products covered by this European Standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This European Standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non-conflicting standards.

Keel en

Asendab EVS-EN 13170:2002

**EVS-EN 13171:2009**

Hind 219,00

Identne EN 13171:2008

**Ehituslikud soojaisolatsioonitooted. Tööstuslikult valmistatud puitkiust (WF) tooted. Spetsifikatsioon**

This European Standard specifies the requirements for factory made wood fibre products, with or without facings or coatings, which are used for the thermal insulation of buildings<sup>1</sup>. The products are manufactured in the form of rolls, batts, felts, boards or slabs. This European Standard specifies product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Products covered by this European Standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This European Standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The classes and levels required for a given application are to be found in regulations or non-conflicting standards.

Keel en

Asendab EVS-EN 13171:2002/A1:2004; EVS-EN 13171:2002

**EVS-EN 14509:2006/AC:2008**

Hind 0,00

Identne EN 14509:2006/AC:2008

**Eraldiseisvad kahekordsed metallist pindadega kihilised isolatsioonipaneelid. Tehasetooted. Spetsifikatsioon**

Keel en

**EVS-EN 15644:2009**

Hind 243,00

Identne EN 15644:2008

**Traditsiooniliselt konstrueeritud eelkoostatud täispuidust trepid. Spetsifikaadid ja nõuded**

This European Standard gives specifications and requirements for prefabricated stairs made of solid wood, i.e. where the components contributing to the fulfilment of mechanical resistance and stability characteristics are made of solid wood. These stairs are traditionally designed.

Keel en

**EVS-EN 60335-2-21:2003/A2:2009**

Hind 80,00

Identne EN 60335-2-21:2003/A2:2008

ja identne IEC 60335-2-21:2002/A2:2008

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

Deals with the safety of electric storage water heaters for household and similar purposes and intended for heating water below boiling temperature, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

Keel en

**EVS-EN 60335-2-97:2007/A11:2009**

Hind 68,00

Identne EN 60335-2-97:2006/A11:2008

**Majapidamis- ja muud taolised elektriseadmed.****Ohutus. Osa 2-97: Erinõuded rulooste, markiiside, ruloode ja muude taoliste seadmete ajamitele**

This International Standard deals with the safety of electric drives for rolling equipment such as shutters, blinds and awnings, intended for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. Drives for equipment with a spring-controlled driven part, such as a folding arm awning, are also within the scope of this standard.

Keel en

**EVS-EN 62059-31-1:2009**

Hind 315,00

Identne EN 62059-31-1:2008

ja identne IEC 62059-31-1:2008

**Electricity metering equipment - Dependability - Part 31-1: Accelerated reliability testing - Elevated temperature and humidity**

This part of IEC 62059 provides one of several possible methods for estimating product life characteristics by accelerated reliability testing. Acceleration can be achieved in a number of different ways. In this particular standard, elevated, constant temperature and humidity is applied to achieve acceleration. The method also takes into account the effect of voltage and current variation. Of course, failures not (or not sufficiently) accelerated by temperature and humidity will not be detected by the application of the test method specified in this standard.

Keel en

**EVS-EN ISO 3822-1:1999/A1:2009**

Hind 80,00

Identne EN ISO 3822-1:1999/A1:2008

ja identne ISO 3822-1:1999/Amd 1:2008

**Akustika. Veevarustussüsteemis kasutatava seadiste ja seadmete poolt tekitatava müra laboratoorne katsetamine. Osa 1: Mõõtemetod**

Standardi ISO 3822 käesolev osa määrab kindlaks laboratoorse meetodi sellise müra mõõtmiseks, mis on põhjustatud vee voolamisest läbi veevarustussüsteemides kasutatavate seadiste ja seadmete. Standardiga hõlmatud artiklid on tühjenduskraanid, liiniventilid ja spetsiaalseadised, nagu näiteks survereduktorid ja veesoojendamiseseadmed. See kindlaksmääratud meetod võimaldab eri laborites saada võrreldavaid mõõtmistulemusi.

Keel en

**ASENDATUD VÕI TÜHISTATUD STANDARDID****EVS-EN 196-3:2005**

Identne EN 196-3:2005

**Tsemendi katsetamine. Osa 3: Tardumisaja ja mahupüsivuse määramine**

This document specifies the methods for determining standard consistence, setting times and soundness of cements.

Keel en

Asendab EVS-EN 196-3:1997

Asendatud EVS-EN 196-3:2005+A1:2009

**EVS-EN 1858:2005**

Identne EN 1858:2003

**Korstnad. Komponendid. Betoonist lõõriga plokid**

Käesolev Euroopa standard määratleb korstnasüsteemides kasutatavate, jaotises 3 kirjeldatud betoonist lõõriplokkide ehitamiseks kasutatavatele materjalidele, mõõtmetele ja toimivusele esitatavad nõuded. Lõõriga plokid võivad olla ühekihilise või kihilise seinaga. Standardit ei kohaldata eriventilatsiooniga korstnate puhul. Standard määratleb plokki tüübi, mille mõõtmed peavad olema vastavuses müüritise elemendi kõrgusega ning mida käsitletakse tüübina B (sideplokki). Käesolevat standardit kohaldatakse ka korrusekõrguste (kindla kõrgusega) ja armatuuriga lõõriplokkide puhul.

Keel et

Asendatud EVS-EN 1858:2009

**EVS-EN 12635:2003**

Identne EN 12635:2002

**Tööstus-, kommerts- ning garaažiüksed ja -väravad. Paigaldamine ja kasutamine**

Käesolev Euroopa standard määrab kindlaks andmed, mis tuleb esitada ukse ja komponentide tootja poolt, et tagada ohutu paigaldamine, talitlus ja kasutamine (sealhulgas hooldus ja remont) uste, väravate ja tökete korral, mis on määratud paigaldamiseks inimegevusega seotud kohtadesse ja mille peamiseks kasutusotstarbeks on tagada tööstus-, äri- või eluhoonetes kaupade ja nende vedajate, samuti sõidukite ning neid juhtivate või nendes olevate inimeste ohutu ligipääs. Käesolev Euroopa standard käsitleb ka niisuguseid kommertsuksi nagu jaemüügi-ruumides kasutatavad rull-luugid ja rullvõred, mis on peamiselt määratud inimeste, mitte sõidukite või kaupade ligipääsu tagamiseks. Käesolev Euroopa standard kehtib nii käsi- kui masinkasutusega uste kohta, samuti uste kohta, mis on mõeldud paigaldamiseks "mitteprofessionaalist paigaldaja" poolt ning on rakendatav ka täiustuskomponentide paigaldamisel ja kasutamisel. Käesolev Euroopa standard kehtib üksnes nende uste ja komponentide puhul, mis on toodetud peale selle avaldamist.

Keel et

Asendatud EVS-EN 12635:2002+A1:2009

**EVS-EN 13165:2002/A1:2004**

Identne EN 13165:2001/A1:2004

**Ehituslikud soojusisolatsioonitooted. Tehases toodetud jäigast vahtpolüuretaanist (PUR) tooted. Tehnilised tingimused**

This European Standard specifies the requirements for factory made products of polyurethane rigid foam (PUR) products, with or without rigid or flexible facings or coatings and without integral reinforcement, which are used for the thermal insulation in buildings. PUR also includes polyisocyanurate foam (PIR). The products are manufactured in the form of boards. The standard also covers the thermal performance of composite panels in which polyurethane rigid foam is the main insulant. The standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling.

Keel en

Asendatud EVS-EN 13165:2009

**EVS-EN 13165:2002**

Identne EN 13165:2001+AC:2005

**Ehituslikud soojusisolatsioonitooted. Tehases toodetud jäigast vahtpolüuretaanist (PUR) tooted. Tehnilised tingimused**

This European Standard specifies the requirements for factory made products of polyurethane rigid foam (PUR) products, with or without rigid or flexible facings or coatings and without integral reinforcement, which are used for the thermal insulation in buildings. PUR also includes polyisocyanurate foam (PIR). The products are manufactured in the form of boards. The standard also covers the thermal performance of composite panels in which polyurethane rigid foam is the main insulant. The standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling.

Keel en

Asendatud EVS-EN 13165:2009

**EVS-EN 13165:2002/A2:2005**

Identne EN 13165:2001/A2:2004

**Ehituslikud soojusisolatsioonitooted. Tehases toodetud jäigast vahtpolüuretaanist (PUR) tooted. Tehnilised tingimused**

This European Standard specifies the requirements for factory made products of polyurethane rigid foam (PUR) products, with or without rigid or flexible facings or coatings and without integral reinforcement, which are used for the thermal insulation in buildings. PUR also includes polyisocyanurate foam (PIR). The products are manufactured in the form of boards. The standard also covers the thermal performance of composite panels in which polyurethane rigid foam is the main insulant. The standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling.

Keel en

Asendatud EVS-EN 13165:2009

**EVS-EN 13166:2002/A1:2004**

Identne EN 13166:2001/A1:2004

**Ehituslikud soojusisolatsioonitooted. Tehases toodetud fenovahust (PF) tooted. Tehnilised tingimused**

This European Standard specifies the requirements for factory made products of phenolic foam, with or without facings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards and laminates.

Keel en

Asendatud EVS-EN 13166:2009

**EVS-EN 13166:2002**

Identne EN 13166:2001+AC:2005

**Ehituslikud soojusisolatsioonitooted. Tehases toodetud fenovahust (PF) tooted. Tehnilised tingimused**

This European Standard specifies the requirements for factory made products of phenolic foam, with or without facings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards and laminates. The standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Products covered by this standard are also used in prefabricated thermal insulating systems and composite panels; the structural performance of systems incorporating these products is not covered. This standard does not specify the required level of a given property that shall be achieved by a product to demonstrate fitness for purpose in a particular application.

Keel en

Asendatud EVS-EN 13166:2009

**EVS-EN 13167:2002/A1:2004**

Identne EN 13167:2001/A1:2004

**Ehituslikud soojusisolatsioonitooted. Tehases toodetud vahtklaasist (CG) tooted. Tehnilised tingimused**

This European Standard specifies the requirements for factory made cellular glass products, with or without facings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards or slabs.

Keel en

Asendatud EVS-EN 13167:2009

**EVS-EN 13167:2002**

Identne EN 13167:2001+AC:2005

**Ehituslikud soojustisolatsioonitooted. Tehases toodetud vahtklaasist (CG) tooted. Tehnilised tingimused**

This European Standard specifies the requirements for factory made cellular glass products, with or without facings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards or slabs. This standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling.

Products covered by this standard are also used in prefabricated thermal insulation systems and composite panels; the structural performance of systems incorporating these products is not covered.

Keel en

Asendatud EVS-EN 13167:2009

**EVS-EN 13168:2002/A1:2004**

Identne EN 13168:2001/A1:2004

**Ehituslikud soojustisolatsioonitooted. Tehases toodetud puitvillast (WW) tooted. Tehnilised tingimused**

This European Standard specifies the requirements for factory made products of wood wool, with or without facings, which are used for the thermal insulation of buildings. The standard also specifies the requirements for the factory made composite product

Keel en

Asendatud EVS-EN 13168:2009

**EVS-EN 13168:2002**

Identne EN 13168:2001+AC:2005

**Ehituslikud soojustisolatsioonitooted. Tehases toodetud fibroliidist (WW) tooted. Tehnilised tingimused**

This European Standard specifies the requirements for factory made products of wood wool, with or without facings, which are used for the thermal insulation of buildings. The standard also specifies the requirements for the factory made composite products, made from wood wool in combination with other insulating materials. The products are manufactured in the form of boards or slabs. The standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Products covered by this standard are also used in prefabricated thermal insulation systems and composite panels; the structural performance systems incorporating these products is not covered. The standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application.

Keel en

Asendatud EVS-EN 13168:2009

**EVS-EN 13169:2002**

Identne EN 13169:2001+AC:2005

**Ehituslikud soojustisolatsioonitooted. Tehases toodetud paisutatud perliidist (EPB) tooted. Tehnilised tingimused**

This European Standard specifies the requirements for factory made products of expanded perlite, with or without facings or coatings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards or multi-layered insulation. The standard also covers composite insulation boards. The standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling.

Products covered by this standard are also used in prefabricated thermal insulating systems and composite panels; the structural performance of systems incorporating these products is not covered. This standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application.

Keel en

Asendatud EVS-EN 13169:2009

**EVS-EN 13169:2002/A1:2004**

Identne EN 13169:2001/A1:2004

**Ehituslikud soojustisolatsioonitooted. Tehases toodetud paisutatud perliidist (EPB) tooted. Tehnilised tingimused**

This European Standard specifies the requirements for factory made products of expanded perlite, with or without facings or coatings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards or multi-layer

Keel en

Asendatud EVS-EN 13169:2009

**EVS-EN 13170:2002**

Identne EN 13170:2001+AC:2005

**Ehituslikud soojustisolatsioonitooted. Tehases toodetud paisutatud korgist (ICB) tooted. Tehnilised tingimused**

This European Standard specifies the requirements for factory made products from expanded cork, which are used for the thermal insulation of buildings. The products are made with granulated cork agglomerated without binders and are delivered as boards without facings.

The standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking, labelling and packaging.

Keel en

Asendatud EVS-EN 13170:2009

**EVS-EN 13171:2002/A1:2004**

Identne EN 13171:2001/A1:2004

**Ehitiste soojaisolatsioonitooted. Tööstuslikult valmistatud puidukiududest (WF) tooted. Spetsifikatsioon**

This European Standard specifies the requirements for factory made wood fibre products, with or without facings or coatings, which are used for the thermal insulation of buildings. The products are manufactured in the form of rolls, felts, slabs or boards

Keel en

Asendatud EVS-EN 13171:2009

## **EVS-EN 13171:2002**

Identne EN 13171:2001+AC:2005

### **Ehituslikud soojaisolatsioonitooted. Tehases toodetud puitkiust (WF) tooted. Tehnilised tingimused**

This European Standard specifies the requirements for factory made wood fibre products, with or without facings or coatings, which are used for the thermal insulation of buildings. The products are manufactured in the form of rolls, felts, slabs or boards. This standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling.

Products covered by this standard are also used in prefabricated insulating systems and composite panels; the performance of systems incorporating these products is not covered. This standard does not specify the required level of a given property to be achieved by a product demonstrate fitness for purpose in a particular application.

Keel en

Asendatud EVS-EN 13171:2009

## **KAVANDITE ARVAMUSKÜSITLUS**

### **EN 81-1:1999/prA3**

Identne EN 81-1:1998/prA3:2009

Tähtaeg 1.04.2009

#### **Safety rules for the construction and installation of lifts - Part 1: Electric lifts**

See standard määrab kindlaks ohutuseeskirjad, mis kehtivad selliste statsionaarselt paigaldatud uute elektriliftide valmistamise ja paigaldamise kohta, millel on tõmbe- või sundajam, mis teenindavad kindlaid sisenemis- ja väljumistasandeid, millel on inimeste veoks või kauba- ja inimeste veoks kohandatud kabiin, mis on riputatud trosside või kettide otsa, ning mis liiguvad juhtrööbaste vahel, mille kalle vertikaali suhtes ei ületa 15°.

Keel en

### **EN 1837:1999/prA1**

Identne EN 1837:1999/prA1:2009

Tähtaeg 1.04.2009

#### **Masinate ohutus. Masinate tervikvalgustus**

This standard specifies the parameters of integral lighting systems designed to provide illumination in and/or at both stationary and mobile machines to enable the safe use of the machine and the efficient performance of the visual task within and/or at the machine to be carried out. This standard does not specify lighting systems mounted on the machine to specifically illuminate visual tasks outside the machine. The function and requirements of these systems are specified in the European Standard dealing with the lighting of work places. This European Standard is under preparation. This standard does not establish additional requirements for the operation of lighting systems - in severe conditions (extreme environmental conditions such as freezer applications, high temperatures, etc.); - subject to special rules (e.g. explosive atmospheres); - where the transmittance is reduced by environmental conditions, such as smoke, splashing etc.

Keel en

## **prEN 31**

Identne prEN 31:2009

Tähtaeg 1.04.2009

### **Wash basins - Connecting dimensions**

This European Standard specifies the connecting dimensions of wash basins regardless of materials used for their manufacture. NOTE 1 Other connecting dimensions are permitted, e.g. special designs of wash basins, if the manufacturer supplies or recommends the appropriate fitting. NOTE 2 The shape of the appliance in the figures is for illustration only; it is in no way prejudices the final shape of the appliance, which is left to the initiative of the manufacturer.

Keel en

Asendab EVS-EN 111:2003; EVS-EN 31:2000; EVS-EN 32:2000

### **prEN 33**

Identne prEN 33:2009

Tähtaeg 1.04.2009

### **WC pans and WC suites - Connecting dimensions**

This European Standard specifies the connecting dimensions of WC pans and WC suites regardless of the materials used for their manufacture. This standard does not apply to siphonic action WC pans and WC suites. NOTE Only the dimensions are compulsory. The shape of the appliance in the figures is for illustration only; it in no way prejudices the final shape of the appliance, which is left to the initiative of the manufacturer.

Keel en

Asendab EVS-EN 33:2003; EVS-EN 34:2000; EVS-EN 37:2001; EVS-EN 38:2000

### **prEN 81-21**

Identne prEN 81-21:2009

Tähtaeg 1.04.2009

#### **Liftide valmistamise ja paigaldamise ohutuseeskirjad. Inimeste ja kauba transpordi liftid. Osa 21: Olemasolevatesse hoonetesse paigaldatavad uued inimeste ja kauba transpordi liftid**

This European Standard specifies the safety rules related to new passenger- and goods/passenger lifts permanently installed in existing buildings where in some circumstances due to limitations enforced by building constraints, some requirements of EN 81-1 and EN 81-2 cannot be met (see also 3rd sentence of Introduction). This European Standard addresses a number of these constraints and gives requirements for alternative solutions. It shall be read and applied in conjunction with the European Standards EN 81-1 or EN 81-2 and their amendments A1:2005 and A2:2004, including their Clause 0. This European Standard covers: - Either the construction and installation of one or more complete new lift(s) in an existing building; or - The replacement of one or more existing lift(s) by new ones in existing well(s) and machinery spaces. This European Standard does not cover: - Replacement or modifications of some parts to a lift already installed; - Other applications outside of the scope of EN 81-1 or EN 81-2.

Keel en

**prEN 115-2**

Identne prEN 115-2:2009

Tähtaeg 1.04.2009

**Safety of escalators and moving walks - Part 2: Rules for the improvement of safety of existing escalators and moving walks**

1.1 This European Standard gives rules for improving the safety of existing escalators and moving walks with the aim of reaching an equivalent level of safety to that of a newly installed escalator and moving walk by the application of today's state of the art for safety. NOTE Due to situations such as the existing machine or building designs, it may not be possible in all cases to reach today's state of the art for safety. Nevertheless the objective is to improve the level of safety wherever possible. 1.2 This standard includes the improvement of safety of existing escalators and moving walks for: a) users; b) maintenance and inspection personnel; c) persons outside the escalator or moving walk (but in their immediate vicinity); d) authorised persons. 1.3 This standard is not applicable to: a) safety during transport, installation, repairs and dismantling of escalators and moving walks; b) spiral escalators; c) accelerating moving walks. However, this standard can usefully be taken as a reference basis.

Keel en

**prEN 934-3**

Identne prEN 934-3:2009

Tähtaeg 1.04.2009

**Betooni ja mördi keemilised lisandid. Osa 3: Müürimördi keemilised lisandid. Määratlused, nõuded, vastavus ja märgistus**

This European Standard defines and specifies the requirements and conformity criteria for admixtures for use in cement based masonry mortar. It covers two types of admixtures, long term retarding and air entraining/plasticising which are used in ready-mixed and site made masonry mortars. Provisions for the use of admixtures for masonry mortar are not part of this European Standard but are covered by EN 998-1 and EN 998-2.

Keel en

Asendab EVS-EN 934-3:2005

**prEN 13941**

Identne prEN 13941:2009

Tähtaeg 1.04.2009

**Eelisoleeritud seotud kaugküttetorustike projekteerimine ja paigaldamine**

Käesolev Euroopa standard määratleb eeskirjad sooja vee maa-aluste jaotus- ja edastusvõrkude eelisoleeritud seotud torustike projekteerimise, arvutamise ja paigaldamise jaoks (vt joonis 2) standardile EN 253 vastavate torusõlmede abil pidevaks tööks sooja vee mitmesuguse temperatuuri juures kuni 120 °C, lühiajaliselt tipp temperatuuriga kuni 140 °C ning maksimaalse siserõhuga 25 baari (ülerõhk).

Keel en

Asendab EVS-EN 13941:2006

**prEN 15001-1**

Identne prEN 15001-1:2009

Tähtaeg 1.04.2009

**Gas Infrastructure - Gas installation pipework with an operating pressure greater than 0,5 bar for industrial installations and greater than 5 bar for industrial and non-industrial installations - Part 1: Detailed functional requirements for design, materials, construction, inspection and testing**

This standard specifies detailed functional requirements for the design, selection of materials, construction, inspection and testing of - industrial gas installation pipework and assemblies with an operating pressure greater than 0,5 bar, and - non-industrial gas installation pipework (residential and commercial) with an operating pressure greater than 5 bar in buildings, starting from the outlet of the network operator's point of delivery up to the inlet connection to the gas appliance; normally the inlet isolation valve. This standard also covers the inlet connection to the gas appliance comprising of the pipework that does not fall within the scope of the appliance standard.

Keel en

**prEN 15643-1**

Identne prEN 15643-1:2009

Tähtaeg 1.04.2009

**Sustainability of Construction Works - Assessment of Buildings Part 1: General Framework**

This European Standard provides the general principles and requirements, expressed through a suite of standards, for the sustainability assessment of buildings in terms of environmental performance, social performance and economic performance taking into account technical characteristics and functionality of a building. The framework applies to all types of buildings, both new and existing, and it is relevant for the assessment of the environmental, social and economic performance of new buildings over their entire life cycle, and of existing buildings undergoing refurbishment, renewal or extension, to the end of their life.

Keel en

**prEN 15643-2**

Identne prEN 15643-2:2009

Tähtaeg 1.04.2009

**Sustainability of construction works - Sustainability assessment of buildings - Part 2: Framework for the assessment of environmental performance**

This European Standard provides the specific principles and requirements, expressed through a suite of standards, for the assessment of environmental performance of buildings in terms of quantitative environmental aspects and impacts, taking into account technical characteristics and functionality of a building. Assessment of environmental performance is one aspect of sustainability assessment of buildings under the general framework of prEN 15643-1.

Keel en

**prEN 15900**

Identne prEN 15900:2009

Tähtaeg 1.04.2009

**Energy efficiency services - Definitions and essential requirements**

This standard specifies the definitions and minimum requirements for an energy efficiency service.

Keel en

## **prEN ISO 11925-2**

**Tuletundlikkuse katsed. Ehitusmaterjalide süttivustundlikkus kokkupuutel otsese leegiga. Osa 2: Väikese leegi katse**

This International Standard specifies a method of test for determining the ignitability of products by direct small flame impingement under zero impressed irradiance using specimens tested in a vertical orientation. The products that melt and shrink away from the flame without being ignited may be addressed by the additional procedure given in annex A. Information on the precision of the test method is given in annex B.

Identne prEN ISO 11925-2:2009

ja identne ISO/DIS 11925-2:2009

Keel en

Asendab EVS-EN ISO 11925-2:2007

Tähtaeg 1.04.2009

## **97 OLME. MEELELAHUTUS. SPORT**

### **UUED STANDARDID JA PUBLIKATSIOONID**

#### **EVS-EN 12921-2:2005+A1:2009**

**Masinad tööstuslike detailide pindade puhastamiseks ja eeltöötlemiseks vedelike või aurude abil. Osa 2: Veepõhiseid uhusvedelikke kasutatavate masinate ohutus KONSOLIDEERITUD TEKST**

This European Standard deals only with the significant hazards of machines for surface cleaning and pretreatment (in the following called "cleaning machines") of industrial items using water based cleaning liquids in the mode of suspension, solution or dispersion of compounds or substances in water applied by immersion and/or spraying in one or more stages. This European Standard applies in combination with EN 12921-1. Both parts together cover all significant hazards relevant for cleaning machines for industrial items using liquids or vapours, when they are used as intended and under the conditions foreseen by the manufacturer (see clause 4). The specific requirements specified in this standard take precedence over the respective requirements in EN 12921-1. This standard should be applied together with EN 12921-3 in case of release of flammable vapours from water based cleaning liquids.

Hind 155,00

Identne EN 12921-2:2005+A1:2008

Keel en

Asendab EVS-EN 12921-2:2005

#### **EVS-EN 12921-3:2005+A1:2009**

**Masinad tööstuslike detailide pindade puhastamiseks ja eeltöötlemiseks vedelike või aurude abil. Osa 3: Süttimisohtlike puhastusvedelikke kasutatavate masinate ohutus KONSOLIDEERITUD TEKST**

This European Standard deals with the significant hazards of machines for surface cleaning and pretreatment - in the following called "cleaning machines" - of industrial items using flammable cleaning liquids or a mixture of cleaning liquids, even in emulsion form, which can potentially create, even temporarily, a condition of flammability. This European Standard applies in combination with EN 12921-1. Both parts together cover all significant hazards relevant for cleaning machines of industrial items using liquids or vapours, when they are used as intended and under the conditions foreseen by the manufacturer (see Clause 4). The specific requirements specified in this European Standard take precedence over the respective requirements of EN 12921-1. To the extent of this document the terms combustible materials and flammable substance and explosive are equivalently used.

Hind 155,00

Identne EN 12921-3:2005+A1:2008

Keel en

Asendab EVS-EN 12921-3:2005



**EVS-EN 12921-4:2005+A1:2009**

Hind 209,00

Identne EN 12921-4:2005+A1:2008

**Masinad tööstuslike detailide pindade puhastamiseks ja eeltöötlemiseks vedelike või aurude abil. Osa 4: Halogeenitud vedelikke kasutavate masinate ohutus KONSOLIDEERITUD TEKST**

This European Standard specifies the significant hazards of machines for surface cleaning and pre-treatment – in the following called "cleaning machines" – of industrial items using halogenated solvents, either pure or as a mixture. This European Standard applies together with EN 12921-1:2005. Both parts together cover all significant hazards relevant for cleaning machines of industrial items using liquids or vapours, when they are used as intended and under the conditions foreseen by the manufacturer (see Clause 4). The specific requirements specified in Part 4 take precedence over the respective requirements in EN 12921-1:2005. This European Standard applies together with EN 12921-3 in case of release of flammable vapours from the cleaning liquids.

Keel en

Asendab EVS-EN 12921-4:2005

**EVS-EN 13696:2009**

Hind 178,00

Identne EN 13696:2008

**Puidust põrandakate. Katsemeetodid elastsuse, kulumis- ja löögikindluse määramiseks**

This document specifies a test method to determine the resistance to wear of lacquered wood floorings, a method to test the elasticity of the lacquer and a method to determine resistance to impact of lacquered wood floorings.

Keel en

**EVS-EN 14878:2007/AC:2009**

Hind 0,00

Identne EN 14878:2007/AC:2009

**Textiles - Burning behaviour of children's nightwear - Specification**

Keel en

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

Hind 59,00

Identne EN 60335-1:2002/A13:2008

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

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

Keel en

**EVS-EN 60335-2-54:2009**

Hind 178,00

Identne EN 60335-2-54:2008

ja identne IEC 60335-2-54:2008

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

This International Standard deals with the safety of electric cleaning appliances for household use that are intended for cleaning surfaces such as windows, walls and empty swimming pools by using liquid cleansing agents or steam, their rated voltage being not more than 250 V. It also covers wallpaper strippers.

Keel en

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

**ASENDATUD VÕI TÜHISTATUD STANDARDID****EVS-EN 50333:2002**

Identne EN 50333:2001

**Audio, video and similar electronic apparatus - Routine electrical safety testing in production**

This standard applies to audio, video and similar electronic apparatus. It defines the ROUTINE ELECTRICAL SAFETY TESTS and their procedures to be applied during or at the end of the manufacturing process of apparatus certified or declared as complying with EN 60065.

Keel en

Asendatud EVS-EN 50514:2009

**EVS-EN 60335-2-54:2003**

Identne EN 60335-2-54:2003

ja identne IEC 60335-2-54:2002

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

Deals with the safety of electric cleaning appliances for household use that are intended for cleaning surfaces such as windows, walls, and empty swimming pools by use of liquid cleansing agents or steam. The rated voltage of the appliance being not more than 250 V. The appliance may incorporate heating elements or means for pressurising the liquid container

Keel en

Asendab EVS-EN 60335-2-54:2001

Asendatud EVS-EN 60335-2-54:2009

**EVS-EN 60335-2-54:2003/A11:2006**

Identne EN 60335-2-54:2003/A11:2006

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

Deals with the safety of electric cleaning appliances for household use that are intended for cleaning surfaces such as windows, walls, and empty swimming pools by use of liquid cleansing agents or steam. The rated voltage of the appliance being not more than 250 V. The appliance may incorporate heating elements or means for pressurising the liquid container

Keel en

Asendatud EVS-EN 60335-2-54:2009

**EVS-EN 60335-2-54:2003/A2:2007**

Identne EN 60335-2-54:2003/A2:2007  
ja identne IEC 60335-2-54:2002/A2:2007

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

Deals with the safety of electric cleaning appliances for household use that are intended for cleaning surfaces such as windows, walls, and empty swimming pools by use of liquid cleansing agents or steam. The rated voltage of the appliance being not more than 250 V. The appliance may incorporate heating elements or means for pressurising the liquid container

Keel en

Asendatud EVS-EN 60335-2-54:2009

**EVS-EN 60335-2-54:2003/A1:2004**

Identne EN 60335-2-54:2003/A1:2004  
ja identne IEC 60335-2-54:2002/A1:2004

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

Deals with the safety of electric cleaning appliances for household use that are intended for cleaning surfaces such as windows, walls, and empty swimming pools by use of liquid cleansing agents or steam. The rated voltage of the appliance being not more than 250 V. The appliance may incorporate heating elements or means for pressurising the liquid container

Keel en

Asendatud EVS-EN 60335-2-54:2009

**KAVANDITE ARVAMUSKÜSITLUS****EN 71-1:2005/FprA9**

Identne EN 71-1:2005/FprA9:2009  
Tähtaeg 1.04.2009

**Mänguasjade ohutus. Osa 1: Mehaanilised ja  
füüsikalised omadused**

This European Standard specifies requirements and methods of tests for mechanical and physical properties of toys. This European Standard applies to toys for children, toys being any product or material designed or clearly intended for use in play by children of less than 14 years. It refers to new toys taking into account the period of foreseeable and normal use, and that the toys are used as intended or in a foreseeable way, bearing in mind the normal behaviour of children. It includes specific requirements for toys intended for children under 36 months and for children who are too young to sit up unaided. For the purpose of this European Standard, soft-filled toys with simple features intended for holding and cuddling are considered as toys intended for children under 36 months. This European Standard also specifies requirements for packaging, marking and labelling. This European Standard does not cover musical instruments, sports equipment or similar items but does include their toy counterparts.

Keel en

**EN 60335-2-60:2003/FprAA**

Identne EN 60335-2-60:2003/FprAA:2009  
Tähtaeg 29.04.2009

**Household and similar electrical appliances - Safety -  
Part 2-60: Particular requirements for whirlpool  
baths and whirlpool spas**

This standard deals with the safety of electric whirlpool baths for indoor use, for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard also applies to appliances for circulating air or water in conventional baths.

Keel en

**FprEN 60335-2-4/FprAA**

Identne FprEN 60335-2-4:2008/FprAA:2009  
Tähtaeg 1.04.2009

**Household and similar electrical appliances - Safety -  
Part 2-4: Particular requirements for spin extractors**

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

Keel en

**FprEN 60335-2-7/FprAA**

Identne FprEN 60335-2-7:2008/FprAA:2009

Tähtaeg 1.03.2010

**Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines**

This clause of Part 1 is replaced by the following. This International Standard deals with the safety of electric washing machines for household and similar use, that are intended for washing clothes and textiles, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard also deals with the safety of electric washing machines for household and similar use employing an electrolyte instead of detergent. Additional requirements for these appliances are given in Annex CC. NOTE 101 Guidance is given in Annex DD for requirements that may be used to ensure an acceptable level of protection against electrical and thermal hazards for washing machines fitted with a power driven wringer. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. NOTE 102 Examples of such appliances are washing machines for communal use in blocks of flats or in laundrettes. As far as is practicable, this standard deals with the common hazards presented by washing machines that are encountered by all persons in and around the home. However, in general, it does not take into account – persons (including children) whose • physical, sensory or mental capabilities; or • lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; – children playing with the appliance. NOTE 103 Attention is drawn to the fact that – for washing machines intended to be used in vehicles or on board ships or aircraft, additional requirements may be necessary; – in many countries additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour, the national water supply authorities and similar authorities. NOTE 104 This standard does not apply to – washing machines intended exclusively for industrial purposes (ISO 10472-2); – appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas).

Keel en

**prEN 71-4**

Identne prEN 71-4:2009

Tähtaeg 1.04.2009

**Mänguasjade ohutus. Osa 4: Katsekomplektid keemiakatseteks ja samalaadseks tegevuseks**

This part of the European Standard EN 71 specifies requirements for the maximum amount of certain substances and preparations used in experimental sets for chemistry and related activities. These substances and preparations are - chemicals classified as dangerous by the Directives on dangerous substances [1] and dangerous preparations [2] (including substances which have been self-classified according to the requirements of these Directives), - substances and preparations which in excessive amounts may harm the health of the children using them but which are not classified as dangerous by the above mentioned Directives and - any other chemical substances and preparations delivered with the toy. This standard applies to chemistry sets and supplementary sets. It also covers toys for experiments within the fields of mineralogy, biology, physics, microscopy and environmental science whenever they contain one or more chemical substances and/or preparations. It also specifies requirements for marking, contents list, instructions for use and for equipment intended for carrying out the experiments. Other chemical toys are specified in EN 71-5.

Keel en

Asendab EVS-EN 71-4:1999

**EN ISO 16409:2006/prA1**

Identne EN ISO 16409:2006/prA1:2009

ja identne ISO 16409:2006/DAM 1:2009

Tähtaeg 1.04.2009

**Stomatoloogia. Suuhügieenitooted. Käsi-hambaharjad hambavahede (hambaskarniisi) puhastamiseks**

This International Standard specifies requirements and test methods for performance criteria for manual interdental brushes with a round cross-section of the brush head. It also specifies the accompanying information, such as the manufacturer's instructions for use and labelling of the packaging.

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](mailto:standardiosakond@evs.ee) või ostmiseks klienditeenindusega [standard@evs.ee](mailto:standard@evs.ee).

**Tõlgete kommenteerimise ja ettepanekute esitamise perioodi lõpp on 01.03.2009**

**prEVS-EN 13501-1:2007**  
**Ehitustoodete ja -elementide**  
**tuleohutusala klassifikatsioon. Osa 1:**  
**Klassifikatsioon tuletundlikkuse katsete**  
**alusel**

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

Identne: EN 13501-1:2007

**prEVS-EN 13501-2:2007**  
**Ehitustoodete ja -elementide**  
**tuleohutusala klassifikatsioon. Osa 2:**  
**Klassifikatsioon tulepüsivuskatsete alusel,**  
**välja arvatud ventilatsioonisüsteemid**

Standardi selles osas sätestatakse ehitustoodete ja -elementide klassifitseerimist tule- ja suitsupidavuse katsete alusel, nimetatud katsed kuuluvad sellekohase katsemeetodi kasutusala. Laiendatud rakendusala põhinev klassifikatsioon jääb antud standardi käsitlusala välja. Sellele vaatamata kasutatakse ka laiendatud rakendusala puhul käesolevas standardis esitatud klasse.

Identne: EN 13501-2:2007

**prEVS-EN 50119**  
**Raudteelased rakendused. Püsipaigaldised.**  
**Elektertranspordi kontaktliinid**

Standard kehtib elektertranspordi peakohal asetsevate kontaktliini süsteemide kohta mida rakendatakse ühiskondlike või eraoperaatorite raudteedel, trammiteedel (kergraudteedel),

trollibussidel ja tööstuslikel raudteedel. See kehtib peakohal asetsevate kontaktliini süsteemide uute paigaldiste kohta ja olemasolevate peakohal asetsevate kontaktliini süsteemide täielikul rekonstrueerimisel. Standard sisaldab nõudmisi ja teste mida rakendatakse peakohal asetsevate kontaktliinide projekteerimisel, nõudmisi konstruktsioonidele ja nende struktuuri arvutusele ning taatlemisele samuti nõudmisi ja teste koostude ja üksikosade projekteerimiseks. Standard ei esita nõudmisi kontaktrööbassüsteemidele kui kontaktrööpad paiknevad rööbastee kõrval.

Identne: FprEN 50119:2008

**prEVS-EN 61557-12:2008**  
**Elektriohutus madalpingevõrkudes**  
**vahelduvpingega kuni 1000 V ja**  
**alalispingega kuni 1500 V. Kaitse süsteemide**  
**katsetus-, mõõte- ja seireseadmed. Osa 12:**  
**Taliluse mõõte- ja seireseadmed**

Standardisarja IEC 61557 see osa sätestab nõuded ühitatud mõõte- ja seireseadmetele, mis mõõdavad ja esitavad elektrijaotussüsteemide elektrilisi parameetreid. Need nõuded käivad ka seadmete toimivuse kohta ühe- ja kolmefaasilistes vahelduvvoolusüsteemides nimipingega kuni 1000 V ja alalisvoolusüsteemides nimipingega kuni 1500 V. Nimetatud seadmed võivad olla kohtkindlad või kantavad. Nad on ette nähtud kasutamiseks siseruumides ja/või väljas.

Standardit ei rakendata:

- elektrienergia arvestusseadmetele, mis vastavad standardeile IEC 62053-21, IEC 62053-22 ja IEC 62053-23; käesoleva standardis defineeritud määramatused aktiiv- ja reaktiivenergia mõõtmisel põhinevad aga standardisarjas IEC 62053 sätestatud;
- lihtsatele kaugjuhtimis- või signaalreleedele

Kui ei ole sätestatud teisiti, on standard ette nähtud kasutamiseks koos standardiga IEC 61557-1, milles vastavalt IEC 60364-6 nõuetele on esitatud üldnõuded mõõte- ja seireseadmetele. Standard ei sisalda infot elektriliste parameetrite mõõtmiste ega seire kohta, mis on sätestatud standardisarja IEC 61557 osades 2 kuni 9 või standardis IEC 62020. Ühitatud mõõte- ja seireseadmed, nagu need on määratletud käesolevas standardis, annavad ohutuse lisainfot, mis aitab veenduda paigaldise korrasolekus ja tõstab jaotussüsteemide toimivust. Need seadmed aitavad näiteks kontrollida, kas harmooniliste tase vastab juhistikusüsteemides lubatavale,

nagu see on sätestatud standardis IEC 60364-5-52. Standardis kirjeldatud elektriliste parameetrite ühitatud mõõte- ja seireseadmeid kasutatakse tööstuslikeks ja kommertsalasteks üldrakendusteks.

Identne: IEC 61557-12:2007; EN 61557-12:2008

#### **prEVS-EN 60601-1:2006**

#### **Elektrilised meditsiiniseadmed. Osa 1: Üldnõuded esmasele ohutusele ja olulistele toimivusnäitajatele (IEC 60601-1:2005)**

Standard kehtib elektriliste meditsiiniseadmete ja elektriliste meditsiinisüsteemide (edaspidi EM-seadmete ja EM-süsteemide) esmase ohutuse ja oluliste toimimisnäitajate kohta. Juhul kui mingi jaotis või alajaotis on spetsiaalselt ette nähtud kohaldamiseks üksnes EM-seadmetele, või üksnes EM-süsteemidele, on seda vastavas jaotises või alajaotises öeldud. Kui nii pole öeldud, on see jaotis või alajaotis asjakohaselt kohaldatav nii EM-seadmetele kui ka EM-süsteemidele.

Identne: IEC 60601-1:2005; EN 60601-1:2006

## **JAANUARIKUUS KINNITATUD JA VEEBRUARIKUUS MÜÜGILE SAABUNUD EESTIKEELSED STANDARDID**

### **EVS 900:2009**

#### **Koristusvaldkonna sõnavara 295.-**

Eesti standard määratleb professionaalses koristusvaldkonnas kasutatavad terminid ja nende tähendused.

Standard on mõeldud kasutamiseks:

- koristustarvikute ja -ainete müüjatele
- koristusteenuse pakkujatele
- koristusteenuse ostjatele
- koristustarvikute, -masinate ja -ainete ostjatele
- koristusvaldkonna koolitajatele
- koristustööde korraldajatele

### **EVS-EN 1762:2004**

**Kummist voolikud ja voolikühendused vedelgaasile (vedelas või gaasilises olekus) ja maagaasile rõhuga kuni 25 baari (2,5 MPa). Spetsifikatsioon 124.-**

Eesti standard Euroopa standardi EN 1762:2003 "Rubber hoses and hose assemblies for liquefied petroleum gas, LPG (liquid or gaseous phase), and natural gas up to 25 bar (2,5 MPa) – Specification" ja selle paranduse AC:2007 ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard määratleb nõuded kummist voolikutele ja kummist voolikühendustele, mida kasutatakse vedelgaasi (vedelas või gaasilises olekus) ja maagaasi edastamiseks maksimaalsel töö rõhul 25 baari (2,5 MPa) ja vaakumis, temperatuuri vahemikus – 30 °C kuni + 70 °C ning kui need on ette nähtud madalatele temperatuuridele, siis vahemikus – 50 °C kuni + 70 °C.

### **EVS-EN 12819:2002**

#### **Maapealsete vedelgaasi mahutite, suuremad kui 13 m<sup>3</sup>, kontroll ja ümberkvalifitseerimine 155.-**

Eesti standard on Euroopa standardi EN 12819:2002 "Inspection and requalification of LPG tanks greater than 13 m<sup>3</sup> overground" ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard määratleb nõuded:

- kohtkindlatele maapealsete vedelgaasi mahutitele, mis on suuremad kui 13 m<sup>3</sup>, ning nende lisaseadmete tavakontrollile, perioodilisele kontrollile ja ümberkvalifitseerimisele;
- tavakontrolli, perioodilise kontrolli ja ümberkvalifitseerimise tulemusena koostatud vastavalt vajadusele protokollide säilitamisele ja/või mahutite märgistusele.

Antud Euroopa standard ei käsitle jahutatult hoiustamist.

### **EVS-EN 14071:2005**

#### **Vedelgaasi mahutite ülerõhu kaitseklapid. Abiseadmed 166.-**

Eesti standard on Euroopa standardi EN 14071:2004 "Pressure relief valves for LPG tanks – Ancillary equipment" ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard määratleb konstruktsiooni, katsetamise ja kontrollimise nõuded ülerõhu kaitseklappide eraldusseadmetele, kaitseklapi kollektoritele, väljalasketorudele ja seadmetikele, milliseid kasutatakse kus

vajalik ülerõhu kaitseklappidega vedelgaasi-mahutitel.

Vedelgaasi mahutite ülerõhu kaitseklapid on määratletud standardis EN 14129.

### **EVS 899:2009**

#### **Kvantitatiivsed struktuur-aktiivsus analüüsid. Mudelite koostamine ja kasutamine 105.-**

Eesti standard käsitleb ainete struktuuride ja nende omaduste vaheliste seoste analüüsi. Standard kirjeldab statistilisi ja teoreetilise keemia protseduure analüüsiks valitud uuritava aktiivsuste andmekomplekti kvantitatiivseks seostamiseks vastavate keemiliste ühendite struktuuridega, mida iseloomustatakse teoreetiliste deskriptoritega. Protseduuri tulemusel saadakse statistiline mudel, mis võimaldab ennustada käsitletavat aktiivsust teiste mudeli rakenduvuspiirkonda kuuluvate struktuuride (ainete) jaoks. Standard käsitleb nii lineaarsete kui mittelineaarsete sõltuvuste analüüsi, andes juhiseid mudelite koostamiseks ning kvaliteedi hindamiseks. Standard on rakendatav bioloogiliste, farmakoloogiliste, füüsikaliste või keemiliste aktiivsuste/omaduste analüüsil. Standard käsitleb ennekõike kolmemõõtmelisi kvantitatiivseid struktuur-aktiivsus sõltuvusi, mille eelduseks on lähtumine kolmemõõtmelistest atomistlikul tasandil struktuuridest, kuid on suures osas rakendatav ka muud tüüpi kvantitatiivsete struktuur-aktiivsus sõltuvuste korral.

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