

# **EVS** TEATAJA

Ilmub üks kord kuus alates 1993. aastast

05/2007

Harmoneeritud standardid



WTO teatised



Uued Eesti standardid



Eesti keeles müügil



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## **ISO 9001 standardile koostatakse uustöötlust**

Standard ISO 9001:2000 (EVS standardiks üle võetud 2001.a.) „Kvaliteedijuhtimissüsteemid. Nõuded” (*Quality management systems – Requirements*) on tänaseks saavutanud ülemaailmse populaarsuse nii era- kui ka avalikus sektoris. 2005. aasta detsembriks oli ISO 9001:2000 sertifikaatide arv 161 erinevas riigis kokku juba 776 608. Suure kasutuse on kvaliteedijuhtimissüsteemid saavutanud ka Eestis ja 2007. aasta alguse seisuga on Eestis registreeritud 755 sertifikaati (allikas [www.eaq.ee](http://www.eaq.ee)). EVS-EN ISO 9001:2001 nõuded ning juhised on olnud suurepäraseks toetuseks toimiva juhtimissüsteemi juurutamisel ning käigus hoidmisel ja on toetanud konkurentsi ning firmade ekspordivõimet.

Tänapäeval on kvaliteedijuhtimissandardi koostanud Rahvusvahelise Standardiorganisatsiooni (ISO) tehnilise komitee nr 176 tegevus fokuseeritud standardite ISO 9001 ja ISO 9004 uue töötamise ettevalmistamisele ning juhtimissüsteemialaste toetavate standardite koostamisele ja läbivaatamisele. Töögrupi eelmise aasta arutluste tulemusena on jõutud kompromissile, mille kohaselt seisneb ISO 9001 uustöötlus peamiselt standardi teksti parendamisel ja selgemaks muutmisel. Teksti selgitamise eesmärk on standardi tõlgendamise hõlbustamine ning arusaamatuste vähendamine. Ühtki uut nõudmist standardi muutmise endaga kaasa ei too. Muudetud ISO 9001 ja ISO 9004 **kavandite avalik kommenteerimine on plaanitud 2007. aasta teisele poolaastale**. Täpsem standardi avaldamise graafik selgub pärast komitee järgmist koosolekut.

Kvaliteedijuhtimise tehnilise komitee järgmine koosolek toimub 11-15 juunil ning sedapuhku Helsingis, kuhu on oodatud ka Eesti huvilised. Koosoleku raames toimub standardite ISO 9001 ja ISO 9004 uustöötamise arutlemine ning ettevalmistamine edasiseks hääletuseks.

Oma osalemissoovist palume Teid eelnevalt teavitada EVS- i ([olga@evs.ee](mailto:olga@evs.ee)). Osalemine on võimalik ainult registreeringu olemasolul. Registreerimise tähtaeg on 28. mai 2007.a.

Ühtlasi on EVS-il heameel teatada, et ISO/TC 176 Busanis (Korea) toimunud 24. koosoleku kontekstis käsitletud ning 2006. aasta juulis valminud ISO 10014 (*Quality management - Guidelines for realizing financial and economic benefits*) standard saab lähitulevikus tõlgitud ka eesti keelde.

Täiendav info: Olga Hartsuk (Tel. 605 5056, [olga@evs.ee](mailto:olga@evs.ee))

## **HEA TEENUS on HEA TEENUS hoolimata selle pakkumise valdkonnast.**

**16. – 18. oktoobril 2007. aastal** korraldame koostöös Euroopa erinevate standardiorganisatsioonidega Tallinnas, **teenuste standardimise konverentsi**, kus Eesti ettevõtetel ja avalikul sektoril on võimalus kaasa rääkida teenustandardite tulevikust ja saada olulist teenustealast informatsiooni.

Tallinnas toimuv konverents on osa 18 kuulisest projektist, mille eesmärk on parandada teenuste kättesaadavust üle Euroopa Liidu ning määratleda Euroopa standardite roll ja koostamise alused. Projekti aluseks on põhimõte, et põhiprintsiibid heast teenindusest, teenuse kättesaadavusest ja kvaliteedi hindamisest on võimalik kohandada ükskõik millise teenuste pakkujale, olenemata nende töö valdkonnast ja põhilisest suunast.

**Tallinnas toimuva konverentsi põhiteemadeks on:**

- Üldised juhised teenusestandardite koostamiseks - Ohutusaspektid teenuste osutamisel;
- Kliendirahulolu hindamine - Kaebuste käsitlemine;
- Firmalt firmale osutatavate teenuste spetsiifika, kvaliteet ja teenuseosutamise tingimused - Arveldamine ja kaasaegsed osutatud teenuse arvestusmeetodid.

Osa saab võtta kogu kolmepäevasest programmist või ainult teile huvipakkuvatest konverentsi osadest.

Konverentsil osalejatel on võimalik saada infot Euroopa Liidus ning USA's ja Austraalias läbiviidud uuringute tulemuste kohta ning omaltpoolt kaasarääkida teenuste standardimisest Euroopas.

Euroopa Standardikomitee (CEN) üle Euroopaline Teenuste Standardimise Strateegia (CHESSS) konsortsium koosneb Inglismaa (BSI), Taani (DS), Eesti (EVS), Saksamaa (DIN), Hispaania (AENOR) ja Hollandi (NEN) rahvuslikest standardiorganisatsioonidest.

Lisainformatsiooni saamiseks või oma osalemisest teatamiseks palume pöörduda:  
Heldin Rikk (heldin@evs.ee; Tel. +372 605 5053)

## WTO SEKRETARIAADILT SAABUNUD TEATISED

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

## WTO SEKRETARIAADILT SAABUNUD SPS TEATISED

NUMBER & ESITAMIS-KUUPÄEV	RIIK	MÕJUTATAV PIIRKOND/RIIK	TOODE	EESMÄRK	KOMMENTAARIDE ESITAMISE VIIMANE KUUPÄEV
G/SPS/N/CHL/250 29. märts 2007	TŠIILI	Tacna ja Moquegua Peruus	avokaadod ja paprika	taimekaitse	-
G/SPS/N/CHL/251 29. märts 2007	TŠIILI	kõik riigid	<i>Dracaena</i> sp. paljundusmaterjal	taimekaitse	-
G/SPS/N/CHL/252 29. märts 2007	TŠIILI	India	pähklid	taimekaitse	-
G/SPS/N/CAN/282 2. aprill 2007	KANADA	USA, Jaapan, Costa Rica, Ecuador, Singapur, Taiwan, Tai, Fidži ja Uus Meremaa	värske/ külmutatud tuunikala, hai, mõõkkala, marliin (ICS: 67.120.30)	toiduohutus	13. juuni 2007
G/SPS/N/COL/136 2. aprill 2007	KOLUMBIA	kaubanduspartnerid	kala, molluskid ja koorikloomad (0300.00.00)	toiduohutus/ inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	28. juuni 2007
G/SPS/N/COL/137 2. aprill 2007	KOLUMBIA	kaubanduspartnerid	sealiha ja sellest tooted (HS tariff heading 0203.00.00)	toiduohutus/ inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	29. juuni 2007
G/SPS/N/AUS/211 5. aprill 2007	AUSTRALIA	kõik riigid	vein	toiduohutus	8. juuni 2007

G/SPS/N/EEC/303 5. aprill 2007	EUROOPA ÜHENDUSED	EÜ liikmed ja EÜ liikmes- riikidesse eksportivad kolmandad riigid	teravili (CN 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008), loomne toit (CN 0201, 0202, 0203, 0204, 0205, 0206, 0207, 0208, 0210) taimsed tooted, kaasa arvatud puu- ja juurvili	toiduohutus/ taimekaitse	60 päeva
G/SPS/N/OMN/13 5. aprill 2007	OMAAAN	Bangladesh	eluslinnud, nendest tooted (kaasa arvatud linnuliha, ühapäevased tibud, munad), kõrvalsaadused	loomatervis/ inimeste kaitsmine looma- /taime- haiguste või kahjurite eest	-
G/SPS/N/OMN/14 5. aprill 2007	OMAAAN	Saudi-Araabia	eluslinnud, nendest tooted (kaasa arvatud linnuliha, ühapäevased tibud, munad), kõrvalsaadused	loomatervis/ inimeste kaitsmine looma- /taime- haiguste või kahjurite eest	-
G/SPS/N/USA/1512 5. aprill 2007	USA	kõik kaubandus- partnerid	piprad ja loorberid	toiduohutus/ taimekaitse/ inimeste kaitsmine looma- /taime- haiguste või kahjurite eest	-
G/SPS/N/USA/1513 5. aprill 2007	USA	kõik kaubandus- partnerid	pistaatsia	toiduohutus/ taimekaitse/ inimeste kaitsmine looma- /taime- haiguste või kahjurite eest	-
G/SPS/N/USA/1514 5. aprill 2007	USA	kõik kaubandus- partnerid	mais	toiduohutus/ taimekaitse/ inimeste kaitsmine looma- /taime- haiguste või kahjurite eest	-
G/SPS/N/USA/1515 5. aprill 2007	USA	kõik kaubandus- partnerid	liha- ja linnulihatooted HS 02	toiduohutus	-

G/SPS/N/USA/1516 16. aprill 2007	USA	kõik kaubandus-partnerid	mais, riis, õled, sorgo, sojaoad ja päevalilled	toiduohutus/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	14. mai 2007
G/SPS/N/USA/1517 16. aprill 2007	USA	kõik kaubandus-partnerid	tatar, okra, kurgirohi, till, redis, naeris, mugulviljad	toiduohutus/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	-
G/SPS/N/USA/1518 16. aprill 2007	USA	kõik kaubandus-partnerid	riis	toiduohutus/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest/territooriumi kaitsmine kahjurite ees	-
G/SPS/N/USA/1519 16. aprill 2007	USA	kõik kaubandus-partnerid	harilik lutsern	toiduohutus/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest/territooriumi kaitsmine kahjurite ees	-
G/SPS/N/USA/1520 16. aprill 2007	USA	kõik kaubandus-partnerid	linnuliha ja sellest tooted	toiduohutus	-
G/SPS/N/USA/1521 16. aprill 2007	USA	USA ja USA-sse eksportijad	liha ja linnuliha	toiduohutus	-
G/SPS/N/USA/1522 16. aprill 2007	USA	kaubandus-partnerid	kõik toidud	toiduohutus/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest/territooriumi kaitsmine kahjurite ees	3. juuli 2007

G/SPS/N/USA/1523 16. aprill 2007	USA	kõik kaubandus-partnerid	erinevad tooted	toiduohutus/ taimekaitse/ inimeste kaitsmine looma- /taime- haiguste või kahjurite eest	-
G/SPS/N/IDN/32 17. aprill 2007	INDONEESIA	kõik riigid	värske taimne toit	toiduohutus	60 päeva
G/SPS/N/CAN/283 18. aprill 2007	KANADA	-	püriproksüfeen (ICS: 65.100, 65.020, 67.080)	toiduohutus	17. juuni 2007
G/SPS/N/EEC/304 18. aprill 2007	EUROOPA ÜHENDUSED	EÜ liikmed ja EÜ liikmes- riikidesse eksportivad kolmandad riigid	teravili (HS 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008), loomne toit (HS 0201, 0202, 0203, 0204, 0205, 0206, 0207, 0208, 0209, 0210), kaunvili, erinevad söödavad juurviljad, juured ja mugulad, (HS 07), puuvili ja pähklid (HS 08), tee (HS 0902), rapsiseeme (HS 1205), õliseemned (HS 1207) ja humal (HS 1210).	toiduohutus/ taimekaitse	60 päeva
G/SPS/N/EEC/305 18. aprill 2007	EUROOPA ÜHENDUSED	EÜ liikmed ja EÜ liikmes- riikidesse eksportivad kolmandad riigid	õunad, aprikoosid, oad, kitsemurakad, brüsseli kapsas, apteegitill, küüslauk, artišokk, porrulauk, virsik, kõrvitsaseemned, vaarikas, šalottlauk, väikesed viljad ja marjad, murulauk (HS 0703, 070420, 070820, 0709, 080810, 080910, 080930, 081020 kuni 40, 1201, 1206, 1207)	toiduohutus	-



G/SPS/N/EGY/25 18. aprill 2007	EGIPTUS	Brasiilia	kondita külmutatud pühvliliha	inimeste kaitsmine looma- /taime- haiguste või kahjurite eest	14. mai 2007
G/SPS/N/EGY/26 18. aprill 2007	EGIPTUS	Austraalia	piimalehmad	inimeste kaitsmine looma- /taime- haiguste või kahjurite eest	14. mai 2007
G/SPS/N/EGY/27 18. aprill 2007	EGIPTUS	Kanada	kariloomad	inimeste kaitsmine looma- /taime- haiguste või kahjurite eest	14. mai 2007
G/SPS/N/EGY/28 18. aprill 2007	EGIPTUS	Taani	kariloomad	inimeste kaitsmine looma- /taime- haiguste või kahjurite eest	14. mai 2007
G/SPS/N/EGY/29 18. aprill 2007	EGIPTUS	kõik riigid	taimed	inimeste kaitsmine looma- /taime- haiguste või kahjurite eest	20. mai 2007
G/SPS/N/NZL/366 18. aprill 2007	UUS MEREMAA	kõik riigid	vein	toiduohutus	8. juuni 2007
G/SPS/N/THA/158 18. aprill 2007	TAI	kõik riigid	taimed	taimekaitse/ territooriumi kaitsmine kahjurite ees	60 päeva
G/SPS/N/USA/1524 18. aprill 2007	USA	kõik kaubandus- partnerid	diklorofossi sisaldavad tooted	loomatervis/ inimeste kaitsmine looma- /taime- haiguste või kahjurite eest	-
G/SPS/N/ALB/8 19. aprill 2007	ALBAANIA	Horvaatia	sead	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste või kahjurite eest	-
G/SPS/N/BRA/302 19. aprill 2007	BRASIILIA	kõik riigid	oder	toiduohutus	-
G/SPS/N/BRA/303 19. aprill 2007	BRASIILIA	kõik riigid	sojaoad	toiduohutus	-
G/SPS/N/BRA/304 19. aprill 2007	BRASIILIA	kõik riigid	riis	toiduohutus	-

G/SPS/N/BRA/305 19. aprill 2007	BRASIILIA	kõik riigid	kapsas ( <i>Brassica oleracea</i> L.), oad, nisu ja viinamarjad	toiduohutus	-
G/SPS/N/BRA/306 19. aprill 2007	BRASIILIA	kõik riigid	puuvillaseemned ja oder	toiduohutus	-
G/SPS/N/BRA/307 19. aprill 2007	BRASIILIA	kõik riigid	kohvi	toiduohutus	-
G/SPS/N/BRA/308 19. aprill 2007	BRASIILIA	kõik riigid	õunad ja viinamarjad	toiduohutus	-
G/SPS/N/BRA/309 19. aprill 2007	BRASIILIA	kõik riigid	kartul, naeris ( <i>Brassica napus</i> L) ja mais	toiduohutus	-
G/SPS/N/SGP/34 19. aprill 2007	SINGAPUR	kõik riigid	külmutatud austriid HS 03071010 & 03071020	toiduohutus	25. mai 2007
G/SPS/N/TPKM/101 19. aprill 2007	TAIWANI, PENGHU, KINMENI JA MATSU ERALDI TOLLI- TERRITOORIUM	kõik riigid	Atsesulfaam- kaalium	toiduohutus	30. mai 2007
G/SPS/N/USA/1525 19. aprill 2007	USA	kõik kaubandus- partnerid	erinevad tooted	toiduohutus/ loomatervis/ taimekaitse/ inimeste kaitsmine looma- /taime- haiguste või kahjurite eest/ territooriumi kaitsmine kahjurite eest	-
G/SPS/N/TPKM/102 24. aprill 2007	TAIWANI, PENGHU, KINMENI JA MATSU ERALDI TOLLI- TERRITOORIUM	kõik kaubandus- partnerid	tsinksitraat	toiduohutus	31. mai 2007
G/SPS/N/USA/1527 24. aprill 2007	USA	kõik kaubandus- partnerid	etüleenoksiid	territooriumi kaitsmine kahjurite eest	-
G/SPS/N/USA/1528 24. aprill 2007	USA	kõik kaubandus- partnerid	riis, sorgo	toiduohutus/ taimekaitse/ territooriumi kaitsmine kahjurite eest	21. mai 2007
G/SPS/N/USA/1529 24. aprill 2007	USA	kõik kaubandus- partnerid	humal, amarant, veised, lambad, kitsed, hobused, kodulinnud, piim, munad	toiduohutus/ taimekaitse/ territooriumi kaitsmine kahjurite eest	21. mai 2007

G/SPS/N/USA/1530 24. aprill 2007	USA	kõik kaubandus- partnerid	erinevad tooted	toiduohutus/ taimekaitse/ territooriumi kaitsmine kahjurite eest	26. juuni 2007
G/SPS/N/USA/1531 24. aprill 2007	USA	kõik kaubandus- partnerid	juurvili	toiduohutus/ taimekaitse/ territooriumi kaitsmine kahjurite eest	29. juuni 2007
G/SPS/N/USA/1532 24. aprill 2007	USA	kõik kaubandus- partnerid	mais, riis, õled, sorgo, sojaoad ja päevalilled	toiduohutus/ taimekaitse/ inimeste kaitsmine looma- /taime- haiguste või kahjurite eest/ territooriumi kaitsmine kahjurite eest	26. juuni 2007
G/SPS/N/USA/1533 24. aprill 2007	USA	kõik kaubandus- partnerid	maasikad, leesikas, mustikas, sinikas, rabamurakas, jõhvikas	toiduohutus/ taimekaitse/ inimeste kaitsmine looma- /taime- haiguste või kahjurite eest	-
G/SPS/N/USA/1534 24. aprill 2007	USA	kõik kaubandus- partnerid	ravimtaimed, avokaado, mango, papaia	toiduohutus/ taimekaitse/ inimeste kaitsmine looma- /taime- haiguste või kahjurite eest	-
G/SPS/N/CHL/253 25. aprill 2007	TŠIILI	kõik kaubandus- partnerid	õhusõidukite karantiin	taimekaitse	-
G/SPS/N/CHL/254 25. aprill 2007	TŠIILI	-	taimetooted	taimekaitse	1. juuni 2007
G/SPS/N/CHL/255 25. aprill 2007	TŠIILI	EÜ liikmed	kiiviviljade paljundusmaterjal	taimekaitse	1. juuni 2007
G/SPS/N/CHL/256 25. aprill 2007	TŠIILI	EÜ liikmed	oliivitaime paljundusmaterjal	taimekaitse	1. juuni 2007
G/SPS/N/CHL/257 25. aprill 2007	TŠIILI	kõik kaubandus- partnerid	taimetooted	taimekaitse	1. juuni 2007
G/SPS/N/CHL/258 25. aprill 2007	TŠIILI	Peruu	kartulimugulad	taimekaitse	1. juuni 2007
G/SPS/N/CHL/259 25. aprill 2007	TŠIILI	kõik kaubandus- partnerid	puidust pakkematerjal	taimekaitse	-
G/SPS/N/BRA/310 27. aprill 2007	BRASIILIA	Tšiili	tomatiseeme ( <i>Lycopersicon esculentum.</i> ) – HS: 1209.91	taimekaitse/ territooriumi kaitsmine kahjurite eest	-

G/SPS/N/BRA/312 27. aprill 2007	BRASIILIA	USA läänerranniku osariigid: Washington, Oregon, California, Idaho ja Arizona	viinamari ( <i>Vitis</i> spp.), kirss ( <i>Prunus avium</i> ), virsik ( <i>Prunus</i> <i>persica</i> ), pirn ( <i>Pyrus</i> <i>communis</i> ), õun ( <i>Malus</i> <i>domestica</i> ), nektariin ( <i>Prunus persica</i> var. <i>nucipersica</i> ), maasikas ( <i>Fragaria</i> spp.), aprikoos ( <i>Prunus</i> <i>armeniaca</i> ) ja ploom ( <i>Prunus</i> <i>domestica</i> )	taimekaitse/ territooriumi kaitsmine kahjurite eest	-
G/SPS/N/BRA/313 27. aprill 2007	BRASIILIA	kõik riigid	liha, piim, mesi, munad ja kalatooted	toiduohutus	-
G/SPS/N/THA/159 27. aprill 2007	TAI	kõik riigid	taimed ja nendest tooted	taimekaitse	60 päeva
G/SPS/N/THA/160 27. aprill 2007	TAI	kõik riigid	siidiussid, nende munad ja kookonid	taimekaitse	60 päeva
G/SPS/N/TPKM/103 27. aprill 2007	TAIWANI, PENGHU, KINMENI JA MATSU ERALDI TOLLI- TERRITOOORIUM	kõik kaubandus- partnerid	söögipulgad	toiduohutus	10. juuni 2007

## WTO SEKRETARIAADILT SAABUNUD TBT TEATISED

NUMBER & ESITAMIS-KUUPÄEV	RIIK	TOODE/KAUP/TEENUS	EESMÄRK	KOMMENTAARIDE ESITAMISE VIIMANE KUUPÄEV
G/TBT/N/COL/90 16. märts 2007	KOLUMBIA	kala, molluskid ja koorikloomad (HS: 03)	nõuded	-
G/TBT/N/FRA/63 20. märts 2007	PRANTSUSMAA	biotsiidid	muudatused seadusandluses	mai lõpp 2007
G/TBT/N/ARG/210 30. märts 2007	ARGENTIINA	värske juurvili	tootmine ja pakendamine	-
G/TBT/N/ARG/211 30. märts 2007	ARGENTIINA	kodused gaasiseadmed	nõuded	-
G/TBT/N/COL/91 30. märts 2007	KOLUMBIA	kala, molluskid ja koorikloomad (HS:03)	inimeste elu ja tervise kaitse, ohutus, tarbijapettuste ennetamine	28. juuni 2007
G/TBT/N/COL/92 4. aprill 2007	KOLUMBIA	sealiha ja sellest tooted (HS 0203.00.00)	inimeste elu ja tervise kaitse, keskkonnakaitse, tarbijapettuste ennetamine	29. juuni 2007
G/TBT/N/ISR/158 4. aprill 2007	IISRAEL	vedelkütus (ICS: 75.160.20; HS: 2710.11.15)	rahva tervis ja keskkonnakaitse	60 päeva
G/TBT/N/ISR/159 4. aprill 2007	IISRAEL	voolikud ja voolikuühendused (ICS: 23.040.70; HS: 3917, 4009)	tarbijaohutus	60 päeva
G/TBT/N/ISR/160 4. aprill 2007	IISRAEL	sanitaarseadmed (ICS: 91.140.70; HS: 8481.80.30)	tarbijakaitse ja keskkonnakaitse	60 päeva
G/TBT/N/ISR/161 - 164 4. aprill 2007	IISRAEL	armatuurterased (ICS: 77.140.15; HS: 7213.10, 7214.20)	tarbijaohutus	60 päeva
G/TBT/N/ISR/165 4. aprill 2007	IISRAEL	sanitaarseadmed (ICS: 91.140.70; HS: 3917)	tarbijaohutus	60 päeva
G/TBT/N/ISR/166 4. aprill 2007	IISRAEL	veevarustussüsteemid (ICS: 91.140.60; HS: 3917.23.00)	tarbijaohutus	60 päeva
G/TBT/N/ISR/167 4. aprill 2007	IISRAEL	kanalisatsioon (ICS: 91.140.80; HS: 3917.22.00)	keskkonnakaitse ja rahva tervis	60 päeva
G/TBT/N/ISR/168 4. aprill 2007	IISRAEL	elektrikaablid (ICS: 29.060.20; HS: 8544.20)	ohutus	60 päeva
G/TBT/N/ISR/169 4. aprill 2007	IISRAEL	lastelutid (ICS: 97.190, 83.140.99; HS: 3926.90; 4014.90)	ohutus	60 päeva

G/TBT/N/ISR/170 4. aprill 2007	IISRAEL	luminofoorlambid, lahenduslambid (ICS: 29.140.30; HS: 8539.31)	keskkonnakaitse	60 päeva
G/TBT/N/ISR/ 171, 172 4. aprill 2007	IISRAEL	pistikud, pistikupesad ja pistikuühendused (ICS: 29.120.30; HS: 8536)	tarbijaohutus	60 päeva
G/TBT/N/SWE/83 4. aprill 2007	ROOTSI	teedel ja tänavatel kasutatavad ehitusmaterjalid	nõuded	8. juuni 2007
G/TBT/N/THA/ 228, 229 4. aprill 2007	TAI	maanteeõidukite rehvid (ICS: 83.160.10; HS: 4011)	ohutus	60 päeva
G/TBT/N/BEL/41 12. aprill 2007	BELGIA	ravimtaimedest ravimite pakendamine ja märgistamine	tarbijakaitse	31. juuni 2007
G/TBT/N/USA/251 12. aprill 2007	USA	avokaado (HS: 0804.40; ICS: 03.120, 67.020, 67.080)	tarbijakaitse	29. mai 2007
G/TBT/N/USA/252 12. aprill 2007	USA	magus kirss (HS: 0809.20, ICS: 03.120, 67.020, 67.080)	tarbijakaitse	29. mai 2007
G/TBT/N/USA/253 12. aprill 2007	USA	sõidukite- ja laevamootorid (HS: 8601, 8602, 8407; ICS: 47.020, 27.020, 13.030).	inimeste elu ja tervise kaitse	2. juuli 2007
G/TBT/N/USA/254 13. aprill 2007	USA	kiiritatud toidud (HS: 0200.0400, 0700.1100, 1500.2200; ICS: 67.020, 67.040, 67.230)	inimeste elu ja tervise kaitse	3. juuli 2007
G/TBT/N/USA/255 13. aprill 2007	USA	akrüül- ja modakrüülkiud, gaasitahm, kroomisegud, vahtpolüuretaan, plii- happeakud, puiduimmutusvahendid (HS: 2803, 3206.20, 8607.10, 8507.20, Ch. 44, Ch. 54-1, Ch. 55-1; ICS: 13.020, 13.040, 71.100.50, 83.040, 59.060, 29.220)	inimeste elu ja tervise kaitse	-
G/TBT/N/USA/256 13. aprill 2007	USA	taimekaitsevahendid (HS: 2920; ICS: 65.100, 13.020)	inimeste elu ja tervise kaitse	13. juuni 2007
G/TBT/N/DNK/70 16. aprill 2007	TAANI	kõik laevad	arstiabi andmine laevadel	-
G/TBT/N/PHL/ 78, 79 16. aprill 2007	FILIPIINID	elektrijuhtmed ja elektrikaablid (ICS: 29.060)	nõuded	2. juuni 2007

G/TBT/N/PHL/80 16. aprill 2007	FILIPiinid	kodused seadmed (ICS: 23.120)	nõuded	2. juuni 2007
G/TBT/N/PHL/81 16. aprill 2007	FILIPiinid	elektrijuhtmed ja elektrikaablid (ICS: 29.060)	tarbijakaitse	2. juuni 2007
G/TBT/N/PHL/82 16. aprill 2007	FILIPiinid	terastraat ja terastrongid (ICS: 77.140.65)	tarbijakaitse ja ohutus	2. juuni 2007
G/TBT/N/PHL/83 16. aprill 2007	FILIPiinid	lehtklaas (ICS: 43.040.65)	tarbijakaitse	2. juuni 2007
G/TBT/N/PHL/84 16. aprill 2007	FILIPiinid	terastraat ja sellest tooted aedades kasutamiseks (ICS: 77.140.65)	tarbijakaitse ja ohutus	2. juuni 2007
G/TBT/N/PHL/85 16. aprill 2007	FILIPiinid	hõbetatud peegelklaas	tarbijakaitse ja ohutus	2. juuni 2007
G/TBT/N/PHL/86 16. aprill 2007	FILIPiinid	madalpingeseadmed	nõuded	2. juuni 2007
G/TBT/N/PHL/87 16. aprill 2007	FILIPiinid	elektri- ja elektroonikaseadmed	nõuded	2. juuni 2007
G/TBT/N/ALB/16 17. aprill 2007	ALBAANIA	rahvusliku standardi- organisatsiooni tegevused	nõuded	60 päeva
G/TBT/N/BRA/240 17. aprill 2007	BRASIILIA	kodused gaasiseadmed	keskkonnakaitse	60 päeva
G/TBT/N/GBR/16 17. aprill 2007	ÜHENDATUD KUNINGRIIK	väärismetallist kaubad (kuld, plaatina ja/või hõbe)	muudatused seadusandluses	25. juuni 2007
G/TBT/N/USA/257 17. aprill 2007	USA	pestitsiidid (HS: 3808; ICS: 65.100, 67.230, 67.250)	inimeste elu ja tervise kaitse	-
G/TBT/N/USA/ 258, 259 17. aprill 2007	USA	õhusõidukid (HS: 8407.10; ICS: 49.050)	inimeste elude kaitse	10. juuli 2007
G/TBT/N/USA/260 17. aprill 2007	USA	bussid ja furgoonid (haagised) (HS: 8702.10, 8702.90; ICS: 43.080.20, 03.220.20)	inimeste elude kaitse	11. juuni 2007
G/TBT/N/USA/261 17. aprill 2007	USA	eriotstarbelised sõidukid (HS: 8704.90; ICS: 03.220, 13.300, 43.160, 75.200)	keskkonnakaitse ja inimeste ohutus	11. juuni 2007
G/TBT/N/BRA/239 18. aprill 2007	BRASIILIA	rauast ja terasest torud (HS: 7304).	tarbijaohutus	-
G/TBT/N/BRA/241 18. aprill 2007	BRASIILIA	toormalm (HS: 7201 00)	ohutusnõuded	-
G/TBT/N/ALB/17 20. aprill 2007	ALBAANIA	jäätmad	muudatused seadusandluses	60 päeva
G/TBT/N/JAM/8 20. aprill 2007	JAMAIKA	ehitusmaterjalid	tarbijakaitse	8. juuni 2007
G/TBT/N/MDA/11 20. aprill 2007	MOLDOVA	üldjuhised rahvusliku standardimise arenguks	läbipaistvus	-
G/TBT/N/ALB/18 24. aprill 2007	ALBAANIA	legaalmetroloogia	süsteemi uuendamine	60 päeva

G/TBT/N/ALB/19 24. aprill 2007	ALBAANIA	mõõtevahendid	tarbijakaitse	60 päeva
G/TBT/N/ALB/20 24. aprill 2007	ALBAANIA	seadusandlus kinnispakkidele	tarbijakaitse	60 päeva
G/TBT/N/BRA/242 24. aprill 2007	BRASILIA	tomatikaste (HS: 2103)	tarbijainfo	3. juuni 2007
G/TBT/N/ISR/173 24. aprill 2007	IISRAEL	kodused elektrilised küpsetusseadmed (ICS: 97.040.20; HS: 8516)	tarbijakaitse ja keskkonnakaitse	60 päeva
G/TBT/N/KOR/135 24. aprill 2007	KOREA VABARIIK	geneetiliselt muudetud organismid	tarbijainfo	60 päeva
G/TBT/N/TPKM/47 24. aprill 2007	TAIWANI, PENGHU, KINMENI JA MATSU ERALDI TOLLI- TERRITOOORIUM	kinnispakis kofeiini sisaldavad joogid	tarbijainfo	60 päeva
G/TBT/N/EEC/149 25. aprill 2007	EUROOPA ÜHENDUSED	biotsiidid	nõuded	60 päeva
G/TBT/N/EEC/150 25. aprill 2007	EUROOPA ÜHENDUSED	Kvasatiintriatsetaat	biotsiidide turuleviimine	60 päeva
G/TBT/N/KOR/136 25. aprill 2007	KOREA VABARIIK	ravimid	inimeste tervise kaitse	5. juuni 2007
G/TBT/N/USA/262 25. aprill 2007	USA	taimekaitsevahendid (HS: 2920; ICS: 65.100, 13.020)	inimeste elu ja tervise kaitse	17. juuli 2007
G/TBT/N/USA/263 25. aprill 2007	USA	pestitsiidid (HS: 2920; ICS: 65.100)	inimeste elu ja tervise kaitse	17. juuli 2007
G/TBT/N/USA/264 25. aprill 2007	USA	mahetoit (ICS: 67.040)	inimeste tervise kaitse	-
G/TBT/N/ZAF/63 25. aprill 2007	LÕUNA AAFRIKA	munad	toiduohutus	20. juuni 2007



# UUED STANDARDID JA KAVANDID ARVAMUSKÜSITLUSEKS

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

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

Arvamusküsitlusele on esitatud:

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

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

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

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

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

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

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

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

# ICS PÕHIRÜHMAD

## ICS Nimetus

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

## 01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

### UUED STANDARDID

#### **EVS-EN 81714-2:2007**

Hind 286,00

Identne EN 81714-2:2007

ja identne IEC 81714-2:2006

**Design of graphical symbols for use in the technical documentation of products - Part 2: Specification for graphical symbols in a computer sensible form including graphical symbols for a reference library, and requirements for their interchange**

This part of International Standard 81714 specifies requirements for graphical symbols to be included in a reference symbol library in a computer sensible form, and requirements for their interchange among computer aided tools. The reference symbol library may be used as a basis for the design and editing of documents, and for the interchange of documents and graphical symbol libraries among computer-aided tools. The specification of a physical file format required for the interchange is not included in this standard.

Keel en

Asendab EVS-EN 81714-2:2003

### ASENDATUD VÕI TÜHISTATUD STANDARDID

#### **CEN/TS 15111:2005**

Identne CEN/TS 15111:2005

**Foodstuffs - Determination of trace elements - Determination of iodine in dietetic foods by ICP-MS (inductively coupled plasma mass spectrometry)**

This Technical Specification specifies a method for the determination of added inorganic iodine compounds, including water-soluble iodine compounds of natural origin, in dietetic foods by inductively coupled plasma mass spectrometry (ICP-MS).

Keel en

Asendatud EVS-EN 15111:2007

#### **EVS-EN 81714-2:2003**

Identne EN 81714-2:1998

ja identne IEC 81714-2:1998

**Design of graphical symbols for use in the technical documentation of products - Part 2: Specification for graphical symbols in a computer sensible form including graphical symbols for a reference library, and requirements for their interchange**

Specifies requirements for graphical symbols to be included in a reference symbol library in a computer sensible form. The reference symbol library may be used as a basis for the design and editing of documents and for the interchange of documents and graphical symbol library among computer-aided tools. Basic rules are given in ISO/IEC 11714-1

Keel en

Asendatud EVS-EN 81714-2:2007

#### **EVS-EN ISO 9999:2004**

Identne EN ISO 9999:2002

ja identne ISO 9999:1998

**Puuetega inimeste tehnilised abivahendid.**

**Klassifikatsioon ja terminoloogia**

Standard määrab kindlaks puuetega inimeste tehniliste abivahendite klassifikatsiooni. Praegune standard piirdub selliste tehniliste vahenditega, mida kasutatakse enamasti individuaalselt. Klassifikatsioon sisaldab samuti selliseid puuetega inimeste tehnilisi abivahendeid, mis nõuavad käsitsemisel hooldaja abi.

Keel et

Asendatud EVS-EN ISO 9999:2007

### KAVANDITE ARVAMUSKÜSITLUS

#### **prEN 14511-1 rev**

Identne prEN 14511-1:2007

Tähtaeg 29.06.2007

**Elektrilise ajamiga kompressoriga kliimaseadmed, vedelikjahutusega üksused ja soojuspumbad ruumi soojendamiseks ja jahutamiseks. Osa 1: Terminid ja määratlused**

This Part of EN 14511 specifies the terms and definitions for the rating and performance of air and water cooled air conditioners, liquid chilling packages, air-to-air, water-to-air, air-to-water and water-to-water heat pumps with electrically driven compressors when used for space heating and/or cooling. This European Standard does not specifically apply to heat pumps for sanitary hot water, although certain definitions can be applied to these.

Keel en

Asendab EVS-EN 14511-1:2004

#### **prEN ISO 17677-1**

Identne prEN ISO 17677-1:2007

ja identne ISO/DIS 17677-1:2007

Tähtaeg 30.07.2007

**Resistance welding - Vocabulary - Part 1: Spot, projection and seam welding**

This International Standard specifies terms and definitions for resistance spot, projection and seam welding. All times which can be set with a controller will be dealt with as such.

Keel en

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

### KAVANDITE ARVAMUSKÜSITLUS

#### **prEN 15649-2**

Identne prEN 15649-2:2007

Tähtaeg 29.06.2007

**Floating leisure articles for use on and in the water - Part 2: Consumer information**

This part of the standard is applicable to floating leisure articles for use on or in the water. It specifies the requirements related to consumer information before buying and during use which are common to all product groups (classes A to E) as they are dealt with in the specific vertical standards parts 3 to 7. The specific vertical standards determine the relevant specific selection of information from this part 2 by reference.

Keel en

### prEN 15649-3

Identne prEN 15649-3:2007

Tähtaeg 29.06.2007

#### **Floating leisure articles for use on and in the water - Part 3: Additional specific safety requirements and test methods for Class A devices**

This standard is Part 3 of a series of seven standards dealing with floating leisure articles for use on the water. It is applicable for floating leisure articles with a min. length over all of 120 cm (uninflated and flat) regardless whether the buoyancy is achieved by inflation or inherent buoyant material. It specifies specific safety requirements related to performance, design, sizing and marking as well as test methods for Class A devices.

Class A1) devices are applicable by persons with an age above 36 months and the capability to swim. The devices are intended

- for static or quasi static use on the water surface (A1; A1/2);

- to embark one or several persons on the buoyant structure without any risk of entrapment through surrounding holding structures (devices not being worn or held);

- for resting, drifting, playing (active and skilful balancing (A2)), sitting/reclined sitting, laying with the body totally out of the water or only partially inside the water.

Keel en

### prEN 15649-5

Identne prEN 15649-5:2007

Tähtaeg 29.06.2007

#### **Floating leisure articles for use on and in the water - Part 5: Additional specific safety requirements and test methods for Class C devices**

This standard is part 5 of a series of seven standards dealing with floating leisure articles for use on the water. It is applicable for floating leisure articles designed to be towed by external mechanical means of propulsion regardless whether the towing line is fixed to the device or held by the user. It specifies specific safety requirements related to performance, design, sizing and marking as well as test methods for class C devices:

- static use towable (Class C1)

- active sport use towable (Class C2)

- active extreme use towable (Class C3)

Keel en

### prEN 15649-6

Identne prEN 15649-6:2007

Tähtaeg 29.06.2007

#### **Floating leisure articles for use on and in the water - Part 6: Additional specific safety requirements and test methods for Class D devices**

This part of the standard is applicable to floating leisure articles for use on and in the water. It specifies specific safety requirements related to performance, design, sizing and marking as well as test methods for Class D devices regardless whether they are inflatable or made from inherent buoyant material. Class D devices are applicable by persons of any age with the restriction of the capability to swim.

Keel en

### prEN 15649-7

Identne prEN 15649-7:2007

Tähtaeg 29.06.2007

#### **Floating leisure articles for use on and in the water - Part 7: Additional specific safety requirements and test methods for class E devices**

This Part 7 of the standard is applicable to inflatable boats and boats made from inherent buoyant materials (e.g. hard foam) of buoyancy less than 1 800 N and an overall length  $\leq$  120 cm, independent of the materials used and hereafter called "boats" for short, which are intended for use in bathing areas or in protected and safe shore zones. These boats may be propelled by manual means, motors or sails.

Keel en

## **07 MATEMAATIKA. LOODUSTEADUSED**

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **prEN ISO 8199**

Identne prEN ISO 8199:2007

ja identne ISO 8199:2005

Tähtaeg 29.06.2007

#### **Water quality - General guidance on the enumeration of micro-organisms by culture**

This International Standard presents guidance for carrying out manipulations which are common to each technique for the microbiological examination of water, particularly the preparation of samples, culture media and apparatus. It also describes the various enumeration techniques available and the criteria for the choice of a particular technique. This International Standard is mainly intended for bacteria, yeasts and moulds. Some aspects are also applicable to viruses and parasites.

Keel en

#### **prEN ISO 15927-6**

Identne prEN ISO 15927-6:2007

ja identne ISO/FDIS 15927-6:2007

Tähtaeg 29.06.2007

#### **Hygrothermal performance of buildings - Calculation and presentation of climatic data - Part 6: Accumulated temperature differences (degree days)**

This part of ISO 15927 specifies the definition, method of computation and method of presentation of data on accumulated temperature differences, used for assessing the energy used for space heating in buildings. These are normally expressed in degree-hours or degree-days, and such data are often referred to simply as "heating degree-hours" or "heating degree-days". This part of ISO 15927 includes approximate methods for calculating accumulated temperature differences based on hourly or daily mean temperatures and for estimating monthly values to any base temperature, for use when data computed directly from meteorological air temperature records are not available. In some countries, a threshold temperature different from the base temperature is used. This part of ISO 15927 does not cover this.

Keel en

## 11 TERVISEHOOLDUS

### UUED STANDARDID

#### **EVS-EN 60601-2-13:2006/A1:2007**

Hind 73,00

Identne EN 60601-2-13:2006/A1:2007

ja identne IEC 60601-2-13:2003/A1:2006

#### **Elektrilised meditsiiniseadmed. Osa 2-13: Erinõuded anesteiasüsteemide ohutusele ja olulisele toimivusele**

Specifies particular safety and essential performance requirements for individual devices designed for use in an anaesthetic system as well as specific requirements for the anaesthetic gas delivery system. This standard specifies requirements and defines interfaces for: - individual devices designed for use in an anaesthetic system(s), and - integrated anaesthetic systems.

Keel en

#### **EVS-EN ISO 9999:2007**

Hind 286,00

Identne EN ISO 9999:2007

ja identne ISO 9999:2007

#### **Puuetega inimeste tehnilised abivahendid. Klassifikatsioon ja terminoloogia**

Standard määrab kindlaks puuetega inimeste tehniliste abivahendite klassifikatsiooni. Praegune standard piirdub selliste tehniliste vahenditega, mida kasutatakse enamasti individuaalselt. Klassifikatsioon sisaldab samuti selliseid puuetega inimeste tehnilisi abivahendeid, mis nõuavad käsitsemisel hooldaja abi.

Keel en

Asendab EVS-EN ISO 9999:2004

#### **EVS-EN ISO 11140-3:2007**

Hind 180,00

Identne EN ISO 11140-3:2007

ja identne ISO 11140-3:2007

#### **Sterilization of health care products - Chemical indicators - Part 3: Class 2 indicator systems for use in the Bowie and Dick-type steam penetration test**

Käesolev standard esitab nõuded indikaatorile, mida kasutatakse aursterilisaatorite Bowie ja Dick'i testis sissemähitud asjade jaoks, nt. instrumendid ja poorsed materjalid. Indikaator selleks otstarbeks on B klassi indikaator, nagu on kirjeldatud käesoleva standardi osas 1.

Keel en

Asendab EVS-EN 867-3:1999

#### **EVS-EN ISO 11140-4:2007**

Hind 208,00

Identne EN ISO 11140-4:2007

ja identne ISO 11140-4:2007

#### **Sterilization of health care products - Chemical indicators - Part 4: Class 2 indicators as an alternative to the Bowie and Dick-type test for detection of steam penetration**

This part of ISO 11140 specifies the performance for a Class 2 indicator to be used as an alternative to the Bowie and Dick-type test for steam sterilizers for wrapped health care goods (instruments, etc., and porous loads).

Keel en

Asendab EVS-EN 867-4:2001

### ASENDATUD VÕI TÜHISTATUD STANDARDID

#### **EVS-EN 867-3:1999**

Identne EN 867-3:1997+AC:1998

#### **Sterilisaatorites kasutatavad mittebioloogilised süsteemid. Osa 3: Bowie ja Dick'i katsetes kasutatavate B klassi indikaatorite iseloomustus**

Käesolev standard esitab nõuded indikaatorile, mida kasutatakse aursterilisaatorite Bowie ja Dick'i testis sissemähitud asjade jaoks, nt. instrumendid ja poorsed materjalid. Indikaator selleks otstarbeks on B klassi indikaator, nagu on kirjeldatud käesoleva standardi osas 1.

Keel en

Asendatud EVS-EN ISO 11140-3:2007

#### **EVS-EN 867-4:2001**

Identne EN 867-4:2000

#### **Non-biological systems for use in sterilizers - Part 4: Specification for indicators as an alternative to the Bowie and Dick test for the detection of steam penetration**

This Standard specifies the performance requirements for a Class B indicator to be used as an alternative to the Bowie and Dick test for steam sterilizers for wrapped goods (instruments etc. and porous loads).

Keel en

Asendatud EVS-EN ISO 11140-4:2007

#### **EVS-EN ISO 9999:2004**

Identne EN ISO 9999:2002

ja identne ISO 9999:1998

#### **Puuetega inimeste tehnilised abivahendid. Klassifikatsioon ja terminoloogia**

Standard määrab kindlaks puuetega inimeste tehniliste abivahendite klassifikatsiooni. Praegune standard piirdub selliste tehniliste vahenditega, mida kasutatakse enamasti individuaalselt. Klassifikatsioon sisaldab samuti selliseid puuetega inimeste tehnilisi abivahendeid, mis nõuavad käsitsemisel hooldaja abi.

Keel et

Asendatud EVS-EN ISO 9999:2007

### KAVANDITE ARVAMUSKÜSITLUS

#### **EN ISO 3823-2:2004/prA1**

Identne EN ISO 3823-2:2003/prA1:2007

ja identne ISO 3823-2:2003/DAM 1:2007

Tähtaeg 30.07.2007

#### **Dentistry - Rotary bur instruments - Part 2: Finishing burs - Amendment 1**

This part of ISO 3823 specifies dimensional and other relevant requirements for the 17 most commonly used shapes of steel and carbide finishing burs, including a quality control and specifications for labelling of these instruments.

Keel en

**prEN 60601-2-21**

Identne prEN 60601-2-21:2007  
ja identne IEC 60601-2-21:200X  
Tähtaeg 29.06.2007

**Elektrilised meditsiiniseadmed. Osa 2: Erinõuded väikelaste kiirgussoojendajate ohutusele**

This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of INFANT RADIANT WARMER, also referred to as ME EQUIPMENT. If a clause or subclause is specifically intended to be applicable to INFANT RADIANT WARMER 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 INFANT RADIANT WARMER and to ME SYSTEMS, as relevant.

Keel en

Asendab EVS-EN 60601-2-21:2001

**prEN 60601-2-31**

Identne prEN 60601-2-31:2007  
ja identne IEC 60601-2-31:200X  
Tähtaeg 29.06.2007

**Elektrilised meditsiiniseadmed. Osa 2: Erinõuded sisetoiteallikaga väliste südamestimulaatorite ohutusele**

This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of EXTERNAL PACEMAKERS powered by an INTERNAL ELECTRICAL POWER SOURCE, hereafter referred to as ME EQUIPMENT. This standard applies to PATIENT CABLES as defined in 201.3.209.

Keel en

Asendab EVS-EN 60601-2-31:2001

**prEN 61223-3-2**

Identne prEN 61223-3-2:2007  
ja identne IEC 61223-3-2:200X  
Tähtaeg 29.06.2007

**Evaluation and routine testing in medical imaging departments -- Part 3-2: Acceptance tests - Imaging performance of mammographic X-ray equipment**

This part of IEC 61223 applies to the effectiveness of mammographic X-RAY EQUIPMENT, including image quality and dose, in combination with aspects of EQUIPMENT safety. This standard applies to mammographic X-RAY EQUIPMENT and AMMOGRAPHIC STEREOTACTIC DEVICES. The tests described in this standard require the quality and performance of the X-RAY IMAGE RECEPTORS to be assured prior to the acceptance testing when they are not an integral part of the MAMMOGRAPHIC X-RAY EQUIPMENT. This includes RADIOGRAPHIC FILMS, INTENSIFYING SCREENS, RADIOGRAPHIC CASSETTES, storage phosphor plates and ASSOCIATED EQUIPMENT such as film processors or storage phosphor plate readers, IMAGE DISPLAY DEVICES and HARD COPY CAMERAS.

Keel en

**prEN ISO 10993-5 rev**

Identne prEN ISO 10993-5:2007  
ja identne ISO/DIS 10993-5:2007  
Tähtaeg 29.06.2007

**Meditsiinivahendite bioloogiline hindamine. Osa 5: Katsed tsütotoksilisuse hindamiseks - in vitro meetodid**

Standardi käesolev osa kirjeldab testimismeetodeid meditsiinivahendite tsütotoksilisuse vastasmõjude hindamiseks in vitro.

Keel en

Asendab EVS-EN ISO 10993-5:1999

**prEN ISO 20795-1**

Identne prEN ISO 20795-1:2007  
ja identne ISO/DIS 20795-1:2007  
Tähtaeg 29.06.2007

**Dentistry - Base polymers - Part 1: Denture base polymers**

This International Standard classifies denture base polymers and copolymers and specifies their requirements. It also specifies the test methods to be used in determining compliance with these requirements. It further specifies requirements with respect to packaging and marking the products and to the instructions to be supplied for use of these materials. Furthermore it applies to denture base polymers for which the manufacturer claims that the material has improved impact resistance. It also specifies the respective requirement and the test method to be used.

Keel en

**prEN ISO 22794**

Identne prEN ISO 22794:2007  
ja identne ISO/FDIS 22794:2007  
Tähtaeg 30.07.2007

**Dentistry - Implantable materials for bone filling and augmentation in oral and maxillofacial surgery - Contents of a technical file**

This International Standard applies to implantable materials, whether resorbable or non-resorbable, used as dental devices for filling and augmenting bones in oral and maxillofacial surgery. Products that are essentially pure (> 90 %) hydroxyapatite are not covered by this International Standard. Evaluation includes the physico-chemical, mechanical, biological and clinical aspects and behaviour of these implantable dental materials. Materials such as autografts, allografts and membranes, and products for which the primary intended use is to deliver a medicinal product, are not covered by this International Standard.

Keel en

## 13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

### UUED STANDARDID

#### **EVS-EN 1364-4:2007**

Hind 208,00

Identne EN 1364-4:2007

#### **Fire resistance tests for non-loadbearing elements - Part 4: Curtain walling - Part configuration**

This European Standard specifies a method for determining the fire resistance of parts of curtain walling incorporating non-fire-resistant infilling product, e.g. glazing. It examines the fire resistance to internal and external fire exposure of: - spandrels, including downstand, upstand or the combinations thereof, - the horizontal linear gap seal and - the fixings used to attach the curtain walling to the floor element.

Keel en

#### **EVS-EN 14582:2007**

Hind 171,00

Identne EN 14582:2007

#### **Characterization of waste - Halogen and sulfur content - Oxygen combustion in closed systems and determination methods**

This standard specifies a combustion method for the determination of halogen and sulphur contents in materials by combustion in a closed system containing oxygen (calorimetric bomb), and the subsequent analysis of the combustion product using different analytical techniques. This method is applicable to solid, pasty and liquid samples containing more than 0,025 g/kg of halogen and/or 0,025 g/kg of sulphur content. The limit of detection depends on the element, the matrix and the determination technique used. Insoluble halides and sulphate present in the original sample or produced during the combustion step are not completely determined by these methods.

Keel en

#### **EVS-EN 15282:2007**

Hind 171,00

Identne EN 15282:2007

#### **Vitreous and porcelain enamels - Design of bolted steel tanks for the storage or treatment of water or municipal or industrial effluents and sludges**

This European Standard establishes the requirement for the design and use of vitreous enamel coated bolted cylindrical steel tanks for the storage or treatment of water or municipal and industrial effluents and sludges. This European Standard applies to the design of the tank and any associated roof and gives guidance on the requirements for the design of the foundation.

Keel en

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

Hind 84,00

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**

#### **pinnapuhasseadmetele, 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

#### **EVS-EN 61526:2007**

Hind 268,00

Identne EN 61526:2007

ja identne IEC 61526:2005 (Modified)

#### **Radiation protection instrumentation - Measurement of personal dose equivalents Hp(10) and Hp(0,07) for X, gamma, neutron and beta radiations - Direct reading personal dose equivalent meters and monitors**

This International Standard applies to personal dose equivalent meters with the following characteristics: a) They are worn on the trunk or the extremities of the body. b) They measure the personal dose equivalents Hp(10) and Hp(0,07) from external X and gamma, neutron and beta radiations, if the radiation can be considered to be continuous. c) They have a digital indication. d) They may have alarm functions for the personal dose equivalents or personal dose equivalent rates.

Keel en

#### **EVS-EN ISO 15536-2:2007**

Hind 162,00

Identne EN ISO 15536-2:2007

ja identne ISO 15536-2:2007

#### **Ergonoomika. Arvutil simuleeritud mannekeenid ja kehamallid. Osa 2: Arvutipõhiste simulatsioonide funktsioonide kontrollimine ja mõõtmete valideerimine**

This part of ISO 15536 establishes the requirements for the verification of the functions and validation of dimensions of computer manikins. These requirements concern the documentation of the data employed to construct computer manikins and the methods employed to verify and validate their functions with regards to their dimensional accuracy. This part of ISO 15536 extends to anthropometric and biomechanical data and to software functions as they are applied to create computer manikins. Although this document primarily refers to anthropometric data and methods, some biomechanical parameters are required to build and apply computer manikins and are therefore included.

Keel en

## **KAVANDITE ARVAMUSKÜSITLUS**

### **CLC/prTR 50456**

Identne CLC/prTR 50456:2007

Tähtaeg 29.06.2007

#### **Guidelines to achieving compliance with EC directives for alarm systems**

This Technical Report gives guidance on the use of standards for alarm systems in the frame of the implementation of the EC directives.

Its purpose is

- to find, among all EC directives, those directives which are directly covering equipment used in alarm systems,
- to identify the Essential Requirements (ERs) of the above EC directives which have to be taken into account during the standardization process and which should be known by bodies interested with equipment used in alarm systems,
- to register the standards that CLC/TC 79 recommends to use for showing presumption of conformity according to the EC directives and the ERs previously identified

Keel en

Asendab CLC/TR 50456:2005

### **EN 1836:2005/prA1**

Identne EN 1836:2005/prA1:2007

Tähtaeg 29.06.2007

#### **Silmakaitsevahendid. Üldotstarbelised päikeseprillid ja pimestava valguse eest kaitsvad filtrid**

This European Standard specifies physical properties (mechanical, optical etc.) for sunglasses and sunglare filters of nominal plano power which are not prescription lenses, intended for protection against solar radiation for general use, for social and domestic purposes, including road use and driving.

Keel en

### **EN 14253:2004/prA1**

Identne EN 14253:2003/prA1:2007

Tähtaeg 30.07.2007

#### **Mechanical vibration - Measurement and evaluation of occupational exposure to whole-body vibration with reference to health - Practical guidance**

This European Standard provides guidelines for the measurement and evaluation of whole-body vibration at the workplace.

Keel en

### **prCEN/TR 15642**

Identne prCEN/TR 15642:2007

Tähtaeg 29.06.2007

#### **Unified tests procedures for the tests of EN 3-7**

This procedure is applicable to:

2.1 The powder extinguishers for testing, before the 24 h storage period at 20 °C ± 5 °C prior to the following tests:

- the duration of operation tests;
- the control valve tests;
- the fire performance tests.

2.2 The water based extinguishers for testing, before the 24 h storage period at 20 °C ± 5 °C prior to:

- the duration of operation tests.

Keel en

### **prEN 15233**

Identne prEN 15233:2007

Tähtaeg 29.06.2007

#### **Methodology for functional safety assessment of protective systems for potentially explosive atmospheres**

This European Standard provides guidance on the procedure and information required to allow functional safety assessment to be carried out for the design of protective systems.

The purpose of this European Standard is to assist technical standardisation committees responsible for specific families of protective systems in preparing safety standards. Such standards shall be as homogenous as possible and shall have the basic structure of functional safety assessment as it is stated in this standard.

If there are no specific standards for a particular protective system, manufacturer shall use this standard for functional safety assessment of this protective system.

Keel en

### **prEN 15659**

Identne prEN 15659:2007

Tähtaeg 29.06.2007

#### **Secure storage units - Classification and methods of test for resistance to fire - Light fire storage units**

This European Standard specifies requirements for light fire storage units providing protection against fire.

The method of test is specified to determine the ability of light fire storage units to protect paper media from the effects of fire. Two levels of fire exposure periods (LFS 30 P and LFS 60 P) are specified using the maximum temperature increase permitted within the storage space of the light fire storage unit. Requirements are also specified for the test specimen, the technical documentation for the test specimen, correlation of the test specimen with the technical documentation, preparation for type testing and test procedures.

Keel en

### **prEN 62022**

Identne prEN 62022:2007

ja identne IEC 62022:2004 (Modified)

Tähtaeg 29.06.2007

#### **Installed monitors for the control and detection of gamma radiations contained in recyclable or non-recyclable materials transported by vehicles**

This International Standard is applicable to installed monitors for the control and detection of radioactivity of gamma emitters contained in recyclable or non-recyclable material waste to be transported by vehicles. This standard is designed to provide the purchaser with an indication of the performance of the equipment in detecting radioactive sources left in the material being monitored, and not to measure quantity. This standard does not apply to hand-held equipment. It is not applicable to the monitoring of materials on conveyors, in grabs or being moved by electromagnets. This standard is not intended for the monitoring of radioactive waste or detection of fissile materials.

Keel en



### **prEN ISO 9185 rev**

Identne prEN ISO 9185:2007  
ja identne ISO/FDIS 9185:2007  
Tähtaeg 29.06.2007

#### **Kaitserõivad. Materjalide vastupidavuse hindamine sulametalli pritsmete toimele**

Standard esitab meetodi kaitseriietuse valmistamiseks kasutatavate materjalide vastupidavuse hindamiseks sulametalli pritsmete toimele. On oluline märkida, et materjali hea vastupidavus puhtale sulametalile ei garanteeri head vastupanuvõimet igasugusele rübule, mis tootmisprotsessiga kaasneda võib.

Keel en

Asendab EVS-EN 373:1999

### **prEN ISO 23667**

Identne prEN ISO 23667:2007  
ja identne ISO/FDIS 23667:2007  
Tähtaeg 30.07.2007

#### **Packaging - Transport packaging for dangerous goods - Rigid plastics and plastics composite IBCs - Compatibility testing**

This International Standard specifies the requirements and test methods for compatibility testing of polyethylene-based plastics Intermediate Bulk Containers (IBCs) and composite IBCs with plastics inners containing liquids. The testing involves storage with the packaged substance, or with a standard liquid as defined in Annex A. Annex B describes small scale laboratory tests, which may be used to determine the assimilation of those products to be carried with the standard liquids. This International Standard should be used in conjunction with one or more of the international regulations set out in the Bibliography.

Keel en

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

### **UUED STANDARDID**

#### **EVS-EN 60426:2007**

Hind 190,00  
Identne EN 60426:2007  
ja identne IEC 60426:2007

#### **Electrical insulating materials - Determination of electrolytic corrosion caused by insulating materials - Test methods**

This standard determines the ability of insulating materials to produce electrolytic corrosion on metals being in contact with them under the influence of electric stress, high humidity and elevated temperature.

Keel en

#### **EVS-EN 60763-2:2007**

Hind 162,00  
Identne EN 60763-2:2007  
ja identne IEC 60763-2:2007

#### **Specification for laminated pressboard - Part 2: Methods of test**

This part of IEC 60763 gives methods of test applicable for the material classified in IEC 60763-1.

Keel en

Asendab EVS-EN 60763-2:2006

#### **EVS-EN 61340-3-2:2007**

Hind 141,00  
Identne EN 61340-3-2:2007  
ja identne IEC 61340-3-2:2006

#### **Electrostatics -- Part 3-2: Methods for simulation of electrostatic effects - Machine model (MM) electrostatic discharge test waveforms**

This part of IEC 61340 describes the discharge current waveforms used to simulate machine model (MM) electrostatic discharges (ESD) and the basic requirements for equipment used to develop and verify these waveforms. This standard covers MM ESD waveforms for use in general test methods and for application to materials or objects, electronic components and other items for ESD withstand test or performance evaluation purposes. The specific application of these MM ESD waveforms to non-powered semiconductor devices is covered in IEC 60749-27.

Keel en

Asendab EVS-EN 61340-3-2:2003

#### **EVS-EN 61557-1:2007**

Hind 151,00  
Identne EN 61557-1:2007  
ja identne IEC 61557-1:2007

#### **Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 1: Üldnõuded**

This part of IEC 61557 specifies the general requirements for measuring and monitoring equipment for testing the electrical safety in low voltage distribution systems with nominal voltages up to 1 000 V a.c. and 1 500 V d.c. When measuring equipment or measuring installations involve measurement tasks of various measuring equipment covered by this series of standards, then the part of this series of standards relevant to each of the measurement tasks is applicable.

Keel en

Asendab EVS-EN 61557-1:2001

#### **EVS-EN 61557-2:2007**

Hind 113,00  
Identne EN 61557-2:2007  
ja identne IEC 61557-2:2007

#### **Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 2: Isolatsioonitakistus**

This part of IEC 61557 specifies the requirements applicable to equipment for measuring the insulation resistance of equipment and installations in the de-energized state.

Keel en

Asendab EVS-EN 61557-2:2001

## **EVS-EN 61557-3:2007**

Hind 113,00

Identne EN 61557-3:2007

ja identne IEC 61557-3:2007

**Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 3: Rikkesilmuse näivtakistus**

This part of IEC 61557 specifies the requirements applicable to equipment for measuring the loop impedance between a phase conductor and the protective conductor or between a phase conductor and neutral or between two phase conductors by using the voltage drop when the circuit under test is loaded.

Keel en

Asendab EVS-EN 61557-3:2001

## **EVS-EN 61557-4:2007**

Hind 104,00

Identne EN 61557-4:2007

ja identne IEC 61557-4:2007

**Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 4: Maandus- ja potentsiaalühthlustusjuhtide takistus**

This part of IEC 61557 specifies the requirements applicable to equipment for measuring the resistance of earth conductors, protective earth conductors and conductors for equipotential bonding, including their connections and terminals, with an indication of the measured value or indication of limits.

Keel en

Asendab EVS-EN 61557-4:2001

## **EVS-EN 61557-5:2007**

Hind 104,00

Identne EN 61557-5:2007

ja identne IEC 61557-5:2007

**Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 5: Maandustakistus**

This part of IEC 61557 specifies the requirements for equipment for measuring earth resistance using an a.c. voltage.

Keel en

Asendab EVS-EN 61557-5:2001

## **EVS-EN 61557-7:2007**

Hind 113,00

Identne EN 61557-7:2007

ja identne IEC 61557-7:2007

**Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 7: Faasjärjestus**

This part of IEC 61557 specifies the requirements for measuring equipment applied to testing the phase sequence in three-phase distribution systems. Indication of the phase sequence may be mechanical, visual and/or audible. This part of IEC 61557 does not apply to ancillary measuring equipment for other quantities, for example voltage testers comprising an additional phase sequence indicator. It does not apply to monitoring relays.

Keel en

Asendab EVS-EN 61557-7:2001

## **ASENDATUD VÕI TÜHISTATUD STANDARDID**

### **EVS-EN 61340-3-2:2003**

Identne EN 61340-3-2:2002

ja identne IEC 61340-3-2:2002

**Electrostatics - Part 3-2: Methods for simulation of electrostatic effects - Machine model (MM) - Component testing**

Describes the discharge current waveforms used to define the MM and the basic equipment requirements used to develop these waveforms. Test parameters are defined for testing and classifying the electrostatic discharge (ESD) sensitivity of non-powered devices to the MM. The purpose of this standard is to establish a test model that will replicate MM failures and will define the MM transient current discharge waveform and all necessary test parameters to ensure reliable, reproducible test results. Reproducible data will allow accurate comparisons of MM ESD sensitivity levels.

Keel en

Asendatud EVS-EN 61340-3-2:2007

## **KAVANDITE ARVAMUSKÜSITLUS**

### **prEN ISO 1683 rev**

Identne prEN ISO 1683:2007

ja identne ISO/DIS 1683:2007

Tähtaeg 29.06.2007

**Akustika. Akustiliste tasemete soovitatavad võrdlussuurused**

Standard hõlmab võrdlussuurusi tasemete piiritlemiseks akustikas.

Keel en

Asendab EVS-EN 21683:1999

## **19 KATSETAMINE**

## **ASENDATUD VÕI TÜHISTATUD STANDARDID**

### **EVS-EN 61557-2:2001**

Identne EN 61557-2:1997

ja identne IEC 61557-2:1997

**Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 2: Isolatsioonitakistus**

This part of IEC 1557 specifies the requirements applicable to equipment for measuring the insulation resistance of equipment and installations in the de-energized state.

Keel en

Asendatud EVS-EN 61557-2:2007

### **EVS-EN 61557-3:2001**

Identne EN 61557-3:1997

ja identne IEC 61557-3:1997

**Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 3: Rikkesilmuse näivtakistus**

This part of IEC 1557 specifies the requirements applicable to equipment for measuring the loop impedance between a phase conductor and the protective conductor or between a phase conductor and neutral or between two phases conductors by using the voltage drop when the circuit under test is loaded.

Keel en

Asendatud EVS-EN 61557-3:2007

#### **EVS-EN 61557-4:2001**

Identne EN 61557-4:1997

ja identne IEC 61557-4:1997

**Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 4: Maandus- ja potentsiaalühtlustusjuhtide takistus**

This part of IEC 1557 specifies the requirements applicable to equipment for measuring the resistance with an indication of the measured value or indication of limits for the purpose of measuring the resistance of earth conductors, protective earth conductors and conductors for equipotential bonding including their connections and terminals.

Keel en

Asendatud EVS-EN 61557-4:2007

#### **EVS-EN 61557-5:2001**

Identne EN 61557-5:1997

ja identne IEC 61557-5:1997

**Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 5: Maandustakistus**

This part of IEC 1557 specifies the requirements for equipment for measuring the earth resistance using an a.c. voltage.

Keel en

Asendatud EVS-EN 61557-5:2007

#### **EVS-EN 61557-7:2001**

Identne EN 61557-7:1997

ja identne IEC 61557-7:1997

**Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 7: Faasijärjestus**

This part of IEC 1557 specifies the requirements for measuring equipment applied to testing the phase sequence in three-phase distribution systems. Indication of the phase sequence may be mechanical, visual and/or audible. This part of IEC 1557 does not apply to ancillary measuring equipment for other quantities, for example voltage testers comprising an additional phase sequence indicator. It does not apply to monitoring relays.

Keel en

Asendatud EVS-EN 61557-7:2007

#### **EVS-EN 61557-1:2001**

Identne EN 61557-1:1997

ja identne IEC 61557-1:1997

**Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 1: Üldnõuded**

This part of IEC 1557 specifies the general requirements for measuring and monitoring equipment for testing the electrical safety in low voltage distribution systems with nominal voltages up to 1000 V a.c. and 1500 V d.c. When measuring equipment or measuring installations involve measurement tasks of various measuring equipment covered by this series of standards, then the part of this series of standards relevant to each of the measurement tasks is applicable.

Keel en

Asendatud EVS-EN 61557-1:2007

## **KAVANDITE ARVAMUSKÜSITLUS**

### **prEN 60216-5**

Identne prEN 60216-5:2007

ja identne IEC 60216-5:200X

Tähtaeg 29.06.2007

**Electrical insulating materials - Thermal endurance properties - Part 5: Determination of relative thermal endurance index (RTE) of an insulating material**

This part of IEC 60216 specifies the experimental and calculation procedures to be used for deriving the relative thermal endurance index of a material from experimental data obtained in accordance with the instructions of IEC 60216-1 and IEC 60216-2. The calculation procedures are supplementary to those of IEC 60216-3.

Keel en

Asendab EVS-EN 60216-5:2003

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

### **UUED STANDARDID**

#### **EVS-EN 13175:2003+A2:2007**

Hind 171,00

Identne EN 13175:2003+A2:2007

**Vedelgaaside (LPG) mahuti kraanide ja liitmike spetsifikatsioon ja katsetamine KONSOLIDEERITUD TEKST**

This European Standard specifies minimum requirements for the design and testing of valves, including appropriate fittings, which are connected to mobile or static LPG tanks above 150 litre water capacity. Pressure relief valves and their ancillary equipment, contents gauges and automotive LPG components are outside the scope of this European Standard

Keel en

Asendab EVS-EN 13175:2003; EVS-EN 13175:2003/A1:2005

#### **EVS-EN 13480-8:2007**

Hind 190,00

Identne EN 13480-8:2007

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

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

Keel en

## **EVS-EN 14800:2007**

Hind 246,00

Identne EN 14800:2007

### **Laineplekist turvavoolikute koostekomplektid gaasilistel kütustel töötavate kodumajapidamiseadmetega ühendamiseks**

This European Standard specifies the requirements of performance, the material and the test methods of corrugated flexible safety metallic hose assemblies for the connection of domestic appliances, in order to achieve safe operation. The corrugated metal gas hose assemblies according to this European Standard are suitable for the connection of domestic appliances inside or outside a dwelling, using gas at a pressure lower than 0,5 bar.

Keel en

## **EVS-EN 15282:2007**

Hind 171,00

Identne EN 15282:2007

### **Vitreous and porcelain enamels - Design of bolted steel tanks for the storage or treatment of water or municipal or industrial effluents and sludges**

This European Standard establishes the requirement for the design and use of vitreous enamel coated bolted cylindrical steel tanks for the storage or treatment of water or municipal and industrial effluents and sludges. This European Standard applies to the design of the tank and any associated roof and gives guidance on the requirements for the design of the foundation.

Keel en

## **ASENDATUD VÕI TÜHISTATUD STANDARDID**

### **EVS-EN 13175:2003**

Identne EN 13175:2003+AC:2004

#### **Vedelgaaside (LPG) mahuti kraanide ja liitmike spetsifikatsioon ja katsetamine**

This European Standard specifies minimum requirements for the design and testing of valves, including appropriate fittings, which are connected to mobile or static LPG tanks above 150 litre water capacity. Pressure relief valves and their ancillary equipment, contents gauges and automotive LPG components are outside the scope of this European Standard

Keel en

Asendatud EVS-EN 13175:2003+A2:2007

### **EVS-EN 13175:2003/A1:2005**

Identne EN 13175:2003/A1:2005

#### **Vedelgaaside (LPG) mahuti kraanide ja liitmike spetsifikatsioon ja katsetamine**

This European Standard specifies minimum requirements for the design and testing of valves, including appropriate fittings, which are connected to mobile or static LPG tanks above 150 litre water capacity. Pressure relief valves and their ancillary equipment, contents gauges and automotive LPG components are outside the scope of this European Standard

Keel en

Asendatud EVS-EN 13175:2003+A2:2007

## **KAVANDITE ARVAMUSKÜSITLUS**

### **prEN 14511-1 rev**

Identne prEN 14511-1:2007

Tähtaeg 29.06.2007

#### **Elektrilise ajamiga kompressoriga kliimaseadmed, vedelikjahutusega üksused ja soojuspumbad ruumi soojendamiseks ja jahutamiseks. Osa 1: Terminid ja määratlused**

This Part of EN 14511 specifies the terms and definitions for the rating and performance of air and water cooled air conditioners, liquid chilling packages, air-to-air, water-to-air, air-to-water and water-to-water heat pumps with electrically driven compressors when used for space heating and/or cooling. This European Standard does not specifically apply to heat pumps for sanitary hot water, although certain definitions can be applied to these.

Keel en

Asendab EVS-EN 14511-1:2004

### **prEN 14511-3 rev**

Identne prEN 14511-3:2007

Tähtaeg 29.06.2007

#### **Elektrilise ajamiga kompressoriga kliimaseadmed, vedelikjahutusega üksused ja soojuspumbad ruumi soojendamiseks ja jahutamiseks. Osa 3: Katsemeetodid**

This Part of EN 14511 specifies the test methods for the rating and performance of air and water-cooled air conditioners, liquid chilling packages, air-to-air, water-to-air, air-to-water and water-to-water heat pumps with electrically driven compressors when used for space heating and cooling.

Keel en

Asendab prEN 14511-3 rev

### **prEN 14511-4 rev**

Identne prEN 14511-4:2007

Tähtaeg 29.06.2007

#### **Elektrilise ajamiga kompressoriga kliimaseadmed, vedelikjahutusega üksused ja soojuspumbad ruumi soojendamiseks ja jahutamiseks. Osa 4: Nõuded**

This Part of EN prEN 14511 specifies minimum requirements which ensure that air conditioners, heat pumps and liquid chilling packages with electrical driven compressor, are fit for the use designated by the manufacturer when used for space heating and/or cooling.

Keel en

Asendab prEN 14511-4 rev

### **prEN 14511-2 rev**

Identne prEN 14511-2:2007

Tähtaeg 29.06.2007

#### **Elektrilise ajamiga kompressoriga kliimaseadmed, vedelikjahutusega üksused ja soojuspumbad ruumi soojendamiseks ja jahutamiseks. Osa 2: Katsetingimused**

This Part of EN 14511 specifies the test conditions for the rating of air and water cooled air conditioners, liquid chilling packages, air-to-air, water-to-air, air-to-water and water-to-water heat pumps with electrically driven compressors when used for space heating and/or cooling. It also specifies test conditions for heat recovery operation of multisplit systems.

Keel en

Asendab EVS-EN 14511-2:2004

### **prEN ISO 13477**

Identne prEN ISO 13477:2007  
ja identne ISO/FDIS 13477:2007  
Tähtaeg 29.06.2007

#### **Thermoplastics pipes for the conveyance of fluids - Determination of resistance to rapid crack propagation (RCP) - Small-scale steady-state test (S4 test)**

This International Standard specifies a small-scale (S4) test method for determining the arrest or propagation of a crack initiated in a thermoplastics pipe at a specified temperature and internal pressure. It is applicable to the assessment of the performance of thermoplastics pipes intended for the supply of gases or liquids. In the latter case, air could also be present in the pipe.

Keel en

### **prEN ISO 13478 rev**

Identne prEN ISO 13478:2007  
ja identne ISO/FDIS 13478:2007  
Tähtaeg 29.06.2007

#### **Vedeliike teiseldamiseks ettenähtud termoplasttorud. Pragude kiirele levimisele (RCP) vastupidavuse kindlaksmääramine. Täisskaala katse (FST)**

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

Keel en

Asendab EVS-EN ISO 13478:1999

## **25 TOOTMISTEHNOLOGIA**

### **UUED STANDARDID**

#### **EVS-EN 15282:2007**

Hind 171,00  
Identne EN 15282:2007

#### **Vitreous and porcelain enamels - Design of bolted steel tanks for the storage or treatment of water or municipal or industrial effluents and sludges**

This European Standard establishes the requirement for the design and use of vitreous enamel coated bolted cylindrical steel tanks for the storage or treatment of water or municipal and industrial effluents and sludges. This European Standard applies to the design of the tank and any associated roof and gives guidance on the requirements for the design of the foundation.

Keel en

#### **EVS-EN 15339-2:2007**

Hind 104,00  
Identne EN 15339-2:2007

#### **Thermal spraying - Safety requirements for thermal spraying equipment - Part 2: Gas control units**

This European Standard specifies safety requirements of machines and equipment for thermal spraying, in this case of gas control units. This European Standard should be used in conjunction with the Part 1 which deals with general aspects when designing, manufacturing, and/or putting in service of machines or equipment. Generally the requirements of EU-Directive 94/9/EC are valid for the use of this European Standard.

Keel en

#### **EVS-EN 15340:2007**

Hind 123,00  
Identne EN 15340:2007

#### **Thermal spraying - Determination of shear load resistance of thermally sprayed coatings**

This European Standard specifies the procedure for determination of the shear load resistance of thermally sprayed coatings, provided that a minimum thickness is given. Additionally this European Standard defines the shear load resistance and the designation of the fracture's structure on the test specimen, which occurs when the shear adhesive or adhesive/ cohesive or cohesive strength of the coating or the coating system will be exceeded. The test report is the basis for comparative statements regarding shear load resistance and structure of fracture.

Keel en

#### **EVS-EN 60745-2-2:2003/A11:2007**

Hind 73,00  
Identne EN 60745-2-2:2003/A11:2007

#### **Käeshoitavad mootorajamiga elektritööriistad. Ohutus. Osa 2-17: Erinõuded kruvikeerajatele ja mutrivõtmetele**

Deals with the safety of hand-held motor-operated or magnetically driven electric tools, specific requirements for screwdrivers and impact wrenches. The rated voltage being not more than 250 V for single-phase a.c. or d.c., and 440 V for three-phase a.c.

Keel en

#### **EVS-EN 60745-2-3:2007**

Hind 233,00  
Identne EN 60745-2-3:2007  
ja identne IEC 60745-2-3:2006 (Modified)

#### **Elektrimootoriga töötavate käeshoitavate tööriistade ohutus. Osa 2-3: Erinõuded lihvmasinatele, ketaslihvpinkidele ja poleerimisseadmetele**

This standard applies to grinders, with a rated speed not exceeding a peripheral speed of the accessory of 80 m/s at rated capacity, polishers and disk-type sanders, including angle, straight and vertical. This standard applies to tools with a rated capacity not exceeding 230 mm.

Keel en

Asendab EVS-EN 50144-2-3:2003; EVS-EN 50144-2-3:2003/A2:2003; EVS-EN 50144-2-3:2003/A1:2003

#### **EVS-EN 60745-2-4:2003/A11:2007**

Hind 73,00  
Identne EN 60745-2-4:2003/A11:2007

#### **Käsimootoriga elektrilised tööriistad. Ohutus. Osad 2-4: Erinõuded mitte ketastüübilistele lihvimis- ja poleerimismasinatele**

This standard applies to sanders with the exception of all types of disc-type sanders which are covered by EN 50144-2-3.

Keel en

**EVS-EN 60745-2-5:2007**

Hind 233,00

Identne EN 60745-2-5:2007

ja identne IEC 60745-2-5:2006 (Modified)

**Käeshoitavad mootorajamiga elektritööriistad.****Ohutus. Osa 2-5: Erinõuded ketassaagidele**

Deals with the safety of hand-held motor-operated or magnetically driven electric tools, specific requirements for circular saws. The rated voltage being not more than 250 V for single-phase a.c. or d.c., and 440 V for three-phase a.c. tools. This standard does not apply to saws used with abrasive wheels. This standard applies to all types of circular saws. Circular saws hereinafter will be referred to as saws. This standard does not apply to saws used with abrasive wheels.

Keel en

Asendab EVS-EN 60745-2-5:2003

**EVS-EN 60745-2-6:2003/A11:2007**

Hind 84,00

Identne EN 60745-2-6:2003/A11:2007

**Käeshoitavad mootorajamiga elektritööriistad.****Ohutus. Osa 2-5: Erinõuded haamritele**

Deals with the safety of hand-held motor-operated or magnetically driven tools, specifically hammers. The rated voltage of the hammers is not more than 250 V for single-phase a.c. or d.c., and 440 V for three-phase a.c. tools. Tools covered by this standard

Keel en

**EVS-EN 61987-1:2007**

Hind 233,00

Identne EN 61987-1:2007

ja identne IEC 61987-1:2006

**Industrial-process measurement and control - Data structures and elements in process equipment catalogues -- Part 1: Measuring equipment with analogue and digital output**

This part of IEC 61987 defines a generic structure in which product features of industrial process measurement and control equipment with analogue or digital output should be arranged, in order to facilitate the understanding of product descriptions when they are transferred from one party to another. It applies to the production of catalogues of process measuring equipment supplied by the manufacturer of the product and helps the user to formulate his requirements.

Keel en

**EVS-EN 62381:2007**

Hind 221,00

Identne EN 62381:2007

ja identne IEC 62381:2006

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

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

Keel en

**EVS-EN 62382:2007**

Hind 162,00

Identne EN 62382:2007

ja identne IEC 62382:2006

**Electrical and instrumentation loop check**

This International Standard describes the steps recommended to complete a loop check, which comprises the activities between the completion of the loop construction (including installation and point-to-point checks) and the start-up of cold commissioning. This standard is applicable for the construction of new plants and for expansion/retrofits (i.e. revamping) of E&I installations in existing plants (including PLC, BAS, DCS, panel-mounted and field instrumentation). It does not include a detailed checkout of power distribution systems, except as they relate to the loops being checked (i.e. a motor starter or a power supply to a four-wire transmitter).

Keel en

**EVS-EN ISO 18594:2007**

Hind 132,00

Identne EN ISO 18594:2007

ja identne ISO 18594:2007)

**Resistance spot-, projection- and seam-welding - Method for determining the transition resistance on aluminium and steel material**

This International Standard specifies the procedure and the experimental set-up for determining the transition resistance of a single sheet or two overlapping sheets of aluminium or steel, with or without surface treatment, and with or without surface coating.

Keel en

**ASENDATUD VÕI TÜHISTATUD STANDARDID****EVS-EN 50144-2-3:2003/A1:2003**

Identne EN 50144-2-3:2002/A1:2002

**Elektrimootoriga töötavate käeshoitavate tööriistade ohutus. Osa 2-3: Erinõuded lihvmasinetele, ketaslihvpinkidele ja poleerimisseadmetele**

This standard applies to grinders, with maximum rated rotational speed corresponding to a peripheral speed of 80 m/s, polishers and disc type sanders

Keel en

**EVS-EN 50144-2-3:2003/A2:2003**

Identne EN 50144-2-3:2002/A2:2003

**Elektrimootoriga töötavate käeshoitavate tööriistade ohutus. Osa 2-3: Erinõuded lihvmasinetele, ketaslihvpinkidele ja poleerimisseadmetele**

This standard applies to grinders, with maximum rated rotational speed corresponding to a peripheral speed of 80 m/s, polishers and disc type sanders.

Keel en

**EVS-EN 50144-2-3:2003**

Identne EN 50144-2-3:2002

**Elektrimootoriga töötavate käeshoitavate tööriistade ohutus. Osa 2-3: Erinõuded lihvmasinetele, ketaslihvpinkidele ja poleerimisseadmetele**

This standard applies to grinders, with maximum rated rotational speed corresponding to a peripheral speed of 80 m/s, polishers and disc type sanders.

Keel en

Asendatud EVS-EN 60745-2-3:2007

## **EVS-EN 60745-2-5:2003**

Identne EN 60745-2-5:2003

ja identne IEC 60745-2-5:2003

### **Käeshoitavad mootorajamiga elektritööriistad.**

#### **Ohutus. Osa 2-5: Erinõuded ketassaagidele**

Deals with the safety of hand-held motor-operated or magnetically driven electric tools, specific requirements for circular saws. The rated voltage being not more than 250 V for single-phase a.c. or d.c., and 440 V for three-phase a.c. tools. This standard does not apply to saws used with abrasive wheels

Keel en

Asendab EVS-EN 50144-2-5:2001

Asendatud EVS-EN 60745-2-5:2007

## **KAVANDITE ARVAMUSKÜSITLUS**

### **EN 14864:2005/prA1**

Identne EN 14864:2005/prA1:2007

Tähtaeg 29.06.2007

#### **Vitreous and porcelain enamels - Enamel coatings applied to steel for writing surfaces - Specification**

This European Standard specifies the requirements for the functional and aesthetic characteristics of vitreous or porcelain enamel coatings applied to plain steel for use as writing surfaces (whiteboards and chalkboards).

Keel en

### **prEN 15520**

Identne prEN 15520:2007

Tähtaeg 30.07.2007

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

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

Keel en

### **prEN ISO 17677-1**

Identne prEN ISO 17677-1:2007

ja identne ISO/DIS 17677-1:2007

Tähtaeg 30.07.2007

#### **Resistance welding - Vocabulary - Part 1: Spot, projection and seam welding**

This International Standard specifies terms and definitions for resistance spot, projection and seam welding. All times which can be set with a controller will be dealt with as such.

Keel en

## **27 ELEKTRI- JA SOOJUSENERGEETIKA**

### **UUED STANDARDID**

#### **CWA 15693:2007**

Hind 162,00

Identne CWA 15693:2007

#### **Saving lifetimes of Energy Efficiency Improvement Measures in bottom-up calculations**

This CEN Workshop Agreement specifies a list of values of average saving lifetimes, and/or an agreed methodology to establish these saving lifetimes, for commonly implemented types of energy efficiency improvement (EEI) measures in end-use. These saving lifetimes can be used in bottom-up calculations of energy savings, (to be) realized as result of policies and actions, as part of Directive 2006/32/EC on energy end-use efficiency and energy services (Energy Service Directive, ESD). This Workshop Agreement provides saving lifetimes in relation to the ESD, and does not supersede saving lifetimes used in Member States for other purposes. The CEN Workshop Agreement recognizes that there is variation in the saving lifetimes of EEI measures across Member States.

Keel en

#### **EVS-EN 61400-25-1:2007**

Hind 208,00

Identne EN 61400-25-1:2007

ja identne IEC 61400-25-1:2006

#### **Wind turbines -- Part 25-1: Communications for monitoring and control of wind power plants - Overall description of principles and models**

The focus of the IEC 61400-25 series is on the communications between wind power plant components such as wind turbines and actors such as SCADA Systems. Internal communication within wind power plant components is beyond the scope of the IEC 61400-25 series.

Keel en

#### **EVS-EN 61400-25-2:2007**

Hind 286,00

Identne EN 61400-25-2:2007

ja identne IEC 61400-25-2:2006

#### **Wind turbines -- Part 25-2: Communications for monitoring and control of wind power plants - Information models**

The focus of the IEC 61400-25 series is on the communications between wind power plant components such as wind turbines and actors such as SCADA systems. Internal communication within wind power plant components is outside the scope of the IEC 61400-25 series.

Keel en

## **EVS-EN 61400-25-3:2007**

Hind 208,00

Identne EN 61400-25-3:2007

ja identne IEC 61400-25-3:2006

### **Wind turbines -- Part 25-3: Communications for monitoring and control of wind power plants - Information exchange models**

The focus of the IEC 61400-25 series is on the communications between wind power plant components such as wind turbines and actors such as SCADA Systems. Internal communication within wind power plant components is outside the scope of the IEC 61400-25 series. The IEC 61400-25 series is designed for a communication environment supported by a clientserver model. Three areas are defined, that are modelled separately to ensure the scalability of implementations: (1) wind power plant information models, (2) information exchange model, and (3) mapping of these two models to a standard communication profile.

Keel en

## **EVS-EN 61400-25-5:2007**

Hind 233,00

Identne EN 61400-25-5:2007

ja identne IEC 61400-25-5:2006

### **Wind turbines -- Part 25-5: Communications for monitoring and control of wind power plants - Conformance testing**

The focus of the IEC 61400-25 series is on the communications between wind power plant components such as wind turbines and actors such as SCADA Systems. Internal communication within wind power plant components is outside the scope of the IEC 61400-25 series.

Keel en

## **KAVANDITE ARVAMUSKÜSITLUS**

### **prEN 60405**

Identne prEN 60405:2007

ja identne IEC 60405:2003 (Modified)

Tähtaeg 29.06.2007

### **Nuclear instrumentation - Constructional requirements and classification of radiometric gauges**

This International Standard applies to the manufacture and installation of electrical measuring systems and instruments utilizing radioactive sources (radiometric gauges, hereinafter called gauges). It does not apply to portable gauges which, because of their construction and purposes for use, are intended to be operated as mobile equipment and it does not apply to gauges operated with X-ray tubes, but it can be analogously applicable to these gauges. The purpose of this standard is to specify constructional requirements for the design of instruments and the radiation protection to be provided in the case of radiometric gauges. In this context, special attention is attached to the stability of the source housing in the event of fire.

Keel en

## **29 ELEKTROTEHNIKA**

### **UUED STANDARDID**

#### **EVS-EN 50272-4:2007**

Hind 104,00

Identne EN 50272-4:2007

#### **Safety requirements for secondary batteries and battery installations Part 4: Batteries for use in portable appliances**

This standard applies to the safety aspects associated with the accommodation, the arrangements of circuits and the operation of secondary cells and batteries in portable appliances. In practice both primary and secondary batteries of most different electro-chemical systems are used to supply power to the same electrical equipment. Requirements are specified which oblige the manufacturers of appliances and secondary batteries to prevent the misuse of batteries in the course of operation and to provide sufficient information to users

Keel en

#### **EVS-EN 60079-26:2007**

Hind 180,00

Identne EN 60079-26:2007

ja identne IEC 60079-26:2006

#### **Explosive atmospheres -- Part 26: Equipment with equipment protection level (EPL) Ga**

This part of IEC 60079 specifies the particular requirements for construction, test and marking for electrical equipment that provides equipment protection level (EPL) Ga. This electrical equipment, within the operational parameters specified by the manufacturer, ensures a very high level of protection that includes rare faults related to the equipment or two faults occurring independently of each other.

Keel en

Asendab EVS-EN 60079-26:2005

#### **EVS-EN 60079-28:2007**

Hind 208,00

Identne EN 60079-28:2007

ja identne IEC 60079-28:2006

#### **Plahvatusohtlikud keskkonnad. Osa 28: Seadmete ja ülekandesüsteemide kaitse optilise kiirguse kasutamise**

This part of IEC 60079 explains the potential ignition hazard from equipment using optical radiation intended for use in explosive gas atmospheres. It also covers equipment, which itself is located outside but its emitted optical radiation enters such atmospheres. It describes precautions and requirements to be taken when using optical radiation transmitting equipment in explosive gas atmospheres. It also outlines a test method, which can be used to verify a beam is not ignition capable under selected test conditions, if the optical limit values cannot be guaranteed by assessment or beam strength measurement.

Keel en



**EVS-EN 60086-1:2007**

Hind 233,00

Identne EN 60086-1:2007

ja identne IEC 60086-1:2006

**Primary batteries - Part 1: General**

The purpose of this part of IEC 60086 is to standardize primary batteries with respect to their electrochemical system, dimensions, nomenclature, terminal configurations, markings, test methods, typical performance, safety and environmental aspects.

Keel en

Asendab EVS-EN 60086-1:2002

**EVS-EN 60086-2:2007**

Hind 246,00

Identne EN 60086-2:2007

ja identne IEC 60086-2:2006

**Primary batteries - Part 2: Physical and electrical specifications**

This part of IEC 60086 is applicable to primary batteries based on standardized electrochemical systems. It specifies – the physical dimensions, – the discharge test conditions and discharge performance requirements.

Keel en

Asendab EVS-EN 60086-2:2002; EVS-EN 60086-2:2002/A2:2004

**EVS-EN 60426:2007**

Hind 190,00

Identne EN 60426:2007

ja identne IEC 60426:2007

**Electrical insulating materials - Determination of electrolytic corrosion caused by insulating materials - Test methods**

This standard determines the ability of insulating materials to produce electrolytic corrosion on metals being in contact with them under the influence of electric stress, high humidity and elevated temperature.

Keel en

**EVS-EN 60445:2007**

Hind 151,00

Identne EN 60445:2007

ja identne IEC 60445:2006 (Modified)

**Basic and safety principles for man-machine interface, marking and identification - Identification of equipment terminals and conductor terminations**

This International Standard applies to the identification and marking of terminals of electrical equipment such as resistors, fuses, relays, contactors, transformers, rotating machines and, wherever applicable, to combinations of such equipment (e.g. assemblies). It also applies to the identification of terminations of certain designated conductors. This standard further includes general rules for an alphanumeric system.

Keel en

Asendab EVS-EN 60445:2002

**EVS-EN 60684-3-246:2007**

Hind 132,00

Identne EN 60684-3-246:2007

ja identne IEC 60684-3-246:2007

**Flexible insulating sleeving -- Part 3: Specifications for individual types of sleeving -- Sheet 246: Heat-shrinkable polyolefin sleeving, dual wall, not flame retarded**

This part of IEC 60684 defines requirements for dual wall, non-flame retarded, heat shrinkable, polyolefin sleeving. This sleeving has been found suitable for use up to 110 °C. The sleeving consists of an outer layer made of a semi-rigid cross-linked material. The inner layer is a substantially non-cross-linked polyolefin that flows and fuses during the shrinkage process to provide a seal. It is normally offered for sale with an internal diameter up to 25 mm in the following colours: black, white, red, yellow, blue and translucent. Sizes or colours other than those listed in this standard may be available as custom items. These items are considered to comply with this standard if they comply with the property requirements listed in Tables 2, 3, 4 and 5, excluding dimensions.

Keel en

Asendab EVS-EN 60684-3-246:2002

**EVS-EN 60763-2:2007**

Hind 162,00

Identne EN 60763-2:2007

ja identne IEC 60763-2:2007

**Specification for laminated pressboard - Part 2: Methods of test**

This part of IEC 60763 gives methods of test applicable for the material classified in IEC 60763-1.

Keel en

Asendab EVS-EN 60763-2:2006

**EVS-EN 60934:2002/A1:2007**

Hind 132,00

Identne EN 60934:2001/A1:2007

ja identne IEC 60934:2000/A1:2007

**Seadmete kaitselülilitid**

This standard is applicable to mechanical switching devices designed as "circuit-breakers for equipment" (CBE) intended to provide protection to circuits within electrical equipment. This standard is also applicable for protection of electrical equipment in case of undervoltage and/or overvoltage. It is applicable for a.c. not exceeding 440 V and/or d.c. not exceeding 250 V, and a rated current not exceeding 125 A.

Keel en

**EVS-EN 61340-3-2:2007**

Hind 141,00

Identne EN 61340-3-2:2007

ja identne IEC 61340-3-2:2006

**Electrostatics -- Part 3-2: Methods for simulation of electrostatic effects - Machine model (MM) electrostatic discharge test waveforms**

This part of IEC 61340 describes the discharge current waveforms used to simulate machine model (MM) electrostatic discharges (ESD) and the basic requirements for equipment used to develop and verify these waveforms. This standard covers MM ESD waveforms for use in general test methods and for application to materials or objects, electronic components and other items for ESD withstand test or performance evaluation purposes. The specific application of these MM ESD waveforms to non-powered semiconductor devices is covered in IEC 60749-27.

Keel en

Asendab EVS-EN 61340-3-2:2003

**EVS-EN 61557-1:2007**

Hind 151,00

Identne EN 61557-1:2007

ja identne IEC 61557-1:2007

**Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 1: Üldnõuded**

This part of IEC 61557 specifies the general requirements for measuring and monitoring equipment for testing the electrical safety in low voltage distribution systems with nominal voltages up to 1 000 V a.c. and 1 500 V d.c. When measuring equipment or measuring installations involve measurement tasks of various measuring equipment covered by this series of standards, then the part of this series of standards relevant to each of the measurement tasks is applicable.

Keel en

Asendab EVS-EN 61557-1:2001

**EVS-EN 61557-2:2007**

Hind 113,00

Identne EN 61557-2:2007

ja identne IEC 61557-2:2007

**Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 2: Isolatsioonitakistus**

This part of IEC 61557 specifies the requirements applicable to equipment for measuring the insulation resistance of equipment and installations in the de-energized state.

Keel en

Asendab EVS-EN 61557-2:2001

**EVS-EN 61557-3:2007**

Hind 113,00

Identne EN 61557-3:2007

ja identne IEC 61557-3:2007

**Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 3: Rikkeseilmuse näivtakistus**

This part of IEC 61557 specifies the requirements applicable to equipment for measuring the loop impedance between a phase conductor and the protective conductor or between a phase conductor and neutral or between two phase conductors by using the voltage drop when the circuit under test is loaded.

Keel en

Asendab EVS-EN 61557-3:2001

**EVS-EN 61557-4:2007**

Hind 104,00

Identne EN 61557-4:2007

ja identne IEC 61557-4:2007

**Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 4: Maandus- ja potentsiaalühtlustusjuhtide takistus**

This part of IEC 61557 specifies the requirements applicable to equipment for measuring the resistance of earth conductors, protective earth conductors and conductors for equipotential bonding, including their connections and terminals, with an indication of the measured value or indication of limits.

Keel en

Asendab EVS-EN 61557-4:2001

**EVS-EN 61557-5:2007**

Hind 104,00

Identne EN 61557-5:2007

ja identne IEC 61557-5:2007

**Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 5: Maandustakistus**

This part of IEC 61557 specifies the requirements for equipment for measuring earth resistance using an a.c. voltage.

Keel en

Asendab EVS-EN 61557-5:2001

**EVS-EN 61557-7:2007**

Hind 113,00

Identne EN 61557-7:2007

ja identne IEC 61557-7:2007

**Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 7: Faasjärjestus**

This part of IEC 61557 specifies the requirements for measuring equipment applied to testing the phase sequence in three-phase distribution systems. Indication of the phase sequence may be mechanical, visual and/or audible. This part of IEC 61557 does not apply to ancillary measuring equipment for other quantities, for example voltage testers comprising an additional phase sequence indicator. It does not apply to monitoring relays.

Keel en

Asendab EVS-EN 61557-7:2001

**EVS-EN 62271-202:2007**

Hind 268,00

Identne EN 62271-202:2007

ja identne IEC 62271-202:2006

**High-voltage switchgear and controlgear -- Part 202: High voltage/low voltage prefabricated substation**

This part of IEC 62271 specifies the service conditions, rated characteristics, general structural requirements and test methods of HV/LV or LV/HV prefabricated substations, which are cable-connected, to be operated from inside (walk-in type) or outside (non-walk-in type) for alternating current of rated voltages above 1 kV and up to and including 52 kV on the HV side, and for one or more transformers for service frequencies up to and including 60 Hz for outdoor installation in locations with public accessibility.

Keel en

**EVS-EN 62310-2:2007**

Hind 208,00

Identne EN 62310-2:2007

ja identne IEC 62310-2:2006

**Static transfer systems (STS) -- Part 2:****Electromagnetic compatibility (EMC) requirements**

The IEC 62310 series applies to free standing operation a.c. static transfer systems (STS) intended to ensure the continuity of load supply through controlled transfer, with or without interruption of power, from two or more independent a.c. sources. The IEC 62310 series includes requirements for the switching elements, their control and protective elements, where applicable. The IEC 62310 series also includes information for the overall integration of the STS and its accessories into the a.c. power network. This standard applies to systems up to 1 000 V a.c. which are intended to be used in singlephase, phase-phase or three-phase applications. This part of IEC 62310 takes precedence over all aspects of the generic standards, and no additional testing is necessary.

Keel en

**EVS-EN 62317-9:2006/A1:2007**

Hind 73,00

Identne EN 62317-9:2006/A1:2007

ja identne IEC 62317-9:2006/A1:2007

**Ferrite cores - Dimensions -- Part 9: Planar cores**

This International Standard specifies the shapes and dimensions of ferrite cores for inductive components (transformers and chokes) of which the coil is typically constructed by multi-layer board or the coil is part of the motherboard. The general consideration upon which the design of this range of cores is based is given in Annex A.

Keel en

**EVS-HD 620 S1:2002/A3:2007**

Hind 567,00

Identne HD 620 S1:1996/A3:2007

**Distribution cables with extruded insulation for rated voltages from 3,6/6 (7,2) kV to 20,8/36 (42) kV**

HD 620 applies to cables with extruded insulation and for rated voltages  $U_0/U(U_m)$  from 3.6/6 (7.2) kV up to 20.8/36(42) kV used in power distribution systems of voltages not exceeding the maximum rms value of the system voltage  $U_m$ . This Part (Part 1) specifies the general requirements applicable to these cables, unless otherwise specified in the particular sections of this HD

Keel en

**EVS-HD 22.9 S3:2007**

Hind 151,00

Identne HD 22.9 S3:2007

**Kummiisolatsiooniga kaablid nimipingega kuni 450/750 V. Osa 9: Ühesoonelised kaitsekestata kaablid kohtkindlale juhistikule, madala suitsu ja korrodeerivate gaaside emissiooniga**

This particular Part (Part 9) of the HD details the specifications for single core halogen-free non-sheathed cables for fixed wiring of rated voltage up to and including 450/750 V, insulated with cross-linked compound and having low emission of smoke.

Keel en

Asendab EVS-HD 22.9 S2:2001

**EVS-HD 22.10 S2:2007**

Hind 113,00

Identne HD 22.10 S2:2007

**Kummiisolatsiooniga kaablid nimipingega kuni 450/750 V. Osa 10: Eteenpropeenikummiisolatsiooni ja polüüretaanmantliga paindkaablid**

This Part 10 of the HD details the particular requirements for ethylene-propylene rubber insulated, and thermoplastic polyurethane sheathed cable for a maximum conductor temperature of 90 °C and lowest handling temperature of -40 °C. Each cable shall comply with the appropriate requirements given in Part 1 of this HD and the particular requirements of this Part.

Keel en

Asendab EVS-HD 22.10 S1:2001

**EVS-HD 22.11 S2:2007**

Hind 95,00

Identne HD 22.11 S2:2007

**Kummiisolatsiooniga kaablid nimipingega kuni 450/750 V. Osa 11: Paindkaablid**

This Part 11 of the HD details the particular specifications for cross-linked EVA or equivalent synthetic elastomer insulated and vulcanised EVA or equivalent synthetic elastomer sheathed cords and flexible cables of rated voltages up to and including 300/500 V for use with a conductor temperature not exceeding 110 °C.

Keel en

Asendab EVS-HD 22.11 S1:2001

**EVS-HD 22.12 S2:2007**

Hind 171,00

Identne HD 22.12 S2:2007

**Kummiisolatsiooniga kaablid nimipingega kuni 450/750 V. Osa 12: Kuumuskindlad eteenpropeenikummiisolatsioonigapaindkaablid**

This part Part 12 of the HD details the particular specifications for heat-resistant EPR or equivalent synthetic elastomer insulated and heat-resistant EPR or CSP or equivalent synthetic elastomer sheathed cords and flexible cables, of rated voltages up to and including 450/750 V, for use with a conductor temperature not exceeding 90 °C.

Keel en

Asendab EVS-HD 22.12 S1:2001

### **EVS-HD 22.13 S2:2007**

Hind 141,00

Identne HD 22.13 S2:2007

**Kummiisolatsiooniga kaablid nimipingega kuni 450/750 V. Osa 13: Ühe- ja mitmesoonelised, võrkstruktuurisolatsiooni ja -mantliga paindkaablid madala suitsu ja korrodeerivate gaaside emissiooniga**

This part (Part 13) of the HD details the particular specifications for single and multicore halogen-free flexible cables of rated voltage 450/750 V, insulated and sheathed with cross-linked compound, and having low emission of smoke.

Keel en

Asendab EVS-HD 22.13 S1:2001

### **EVS-HD 22.14 S3:2007**

Hind 132,00

Identne HD 22.14 S3:2007

**Kummiisolatsiooniga kaablid nimipingega kuni 450/750 V. Osa 14: Paindkaablid kõrgpaindlikkust nõudvatele rakendustele**

This Part 14 of HD 22 details the particular specifications for EPR insulated and EPR sheathed, XLPVC insulated and XLPVC sheathed, and EPR insulated and textile braid covered cords of rated voltage 300/300 V, for use in applications where high flexibility is required.

Keel en

Asendab EVS-HD 22.14 S2:2003

### **EVS-HD 22.15 S2:2007**

Hind 113,00

Identne HD 22.15 S2:2007

**Kummiisolatsiooniga kaablid nimipingega kuni 450/750 V. Osa 15: Mitmesoonelised kuumuskindla silikoonkummiisolatsiooni ja -mantliga kaablid**

This Part 15 of the HD details the specifications for multicore cables of rated voltage 300/500 V, insulated and sheathed with heat resistance silicone rubber, with or without strain-bearing element. The maximum permissible conductor temperature is 180 °C.

Keel en

Asendab EVS-HD 22.15 S1:2001

### **EVS-HD 22.16 S2:2007**

Hind 141,00

Identne HD 22.16 S2:2007

**Kummiisolatsiooniga kaablid nimipingega kuni 450/750 V. Osa 16: Veekindlad polükloropreenvõi samaväärse elastomeermantliga kaablid**

This Part 16 of the HD details the particular specifications for water resistant EPR insulated, polychloroprene or other equivalent synthetic elastomer sheathed flexible cables of rated voltages up to and including 450/750 V, meant for applications in fresh water up to 10 m depth and water temperatures up to 40 °C.

Keel en

Asendab EVS-HD 22.16 S1:2001

## **ASENDATUD VÕI TÜHISTATUD STANDARDID**

### **EVS-EN 60079-26:2005**

Identne EN 60079-26:2004

ja identne IEC 60079-26:2004

**Electrical apparatus for explosive gas atmospheres Part 26: Construction, test and marking of Group II Category 1 G electrical apparatus**

Specifies the particular requirements for construction, test and marking for electrical apparatus of Group II intended for use in Zone 0. This electrical apparatus, within the operational parameters specified by the manufacturer, ensures a very high level of protection that includes rare faults related to the apparatus or two faults occurring independently of each other. It is intended for use in Zone 0 hazardous areas, in which explosive gas atmospheres caused by mixtures of air and gases, vapours or mists under normal atmospheric conditions are present continuously, for long periods or frequently.

Keel en

Asendatud EVS-EN 60079-26:2007

### **EVS-EN 60086-2:2002**

Identne EN 60086-2:2001+A1:2001

ja identne IEC 60086-2:2000+A1:2001

**Primary batteries - Part 2: Physical and electrical specifications**

Specifies dimensions together with outline drawings of batteries, conditions and minimum duration of discharges and applications.

Keel en

Asendatud EVS-EN 60086-2:2007

### **EVS-EN 60086-1:2002**

Identne EN 60086-1:2001

ja identne IEC 60086-1:2000

**Primary batteries - Part 1: General**

This part of IEC 60086 applies to primary cells and batteries based on any electrochemical system. The objects of its publication are: a) to ensure the electrical and physical interchangeability of products from different manufacturers; b) to limit the number of battery types; c) to define a standard of quality and provide guidance for its assessment; d) to provide guidance on matters of safety.

Keel en

Asendatud EVS-EN 60086-1:2007

### **EVS-EN 60086-2:2002/A2:2004**

Identne EN 60086-2:2001/A2:2004

ja identne IEC 60086-2:2000/A2:2004

**Primary batteries - Part 2: Physical and electrical specifications**

Specifies dimensions together with outline drawings of batteries, conditions and minimum duration of discharges and applications.

Keel en

Asendatud EVS-EN 60086-2:2007

**EVS-EN 60445:2002**

Identne EN 60445:2000  
ja identne IEC 60445:1999

**Basic and safety principles for man-machine interface, marking and identification - Identification of equipment terminals and of terminations of certain designated conductors, including general rules for an alphanumeric system**

This standard applies to the identification and marking of terminals of electrical equipment distributed as an unit such as resistors, fuses, relays, contactors, transformers, rotating machines and, whenever applicable, to combinations of such equipment (e.g. assemblies). It also applies to the identification of terminations of certain designated conductors.

Keel en

Asendatud EVS-EN 60445:2007

**EVS-EN 60684-3-246:2002**

Identne EN 60684-3-246:2002  
ja identne IEC 60684-3-246:2001

**Specification for flexible insulating sleeving - Part 3: Specification requirements for individual types of sleeving - Sheet 246: Heat-shrinkable polyolefin sleeving, dual-wall, not flame-retarded**

The outer layer is a semi-rigid crosslinked polyolefin material as described in IEC 684-3-211, type 2. The inner layer is a substantially non-crosslinked polyolefin that flows and fuses during the shrinkage process to provide a seal. Sleeving of this type is normally available in bore sizes up to 25 mm.

Keel en

Asendatud EVS-EN 60684-3-246:2007

**EVS-EN 60763-2:2006**

Identne EN 60763-2:1996  
ja identne IEC 60763-2:1991

**Specification for laminated pressboard - Part 2: Methods of test**

Gives methods of test applicable for the material classified in Part 1.

Keel en

Asendatud EVS-EN 60763-2:2007

**EVS-EN 61340-3-2:2003**

Identne EN 61340-3-2:2002  
ja identne IEC 61340-3-2:2002

**Electrostatics - Part 3-2: Methods for simulation of electrostatic effects - Machine model (MM) - Component testing**

Describes the discharge current waveforms used to define the MM and the basic equipment requirements used to develop these waveforms. Test parameters are defined for testing and classifying the electrostatic discharge (ESD) sensitivity of non-powered devices to the MM. The purpose of this standard is to establish a test model that will replicate MM failures and will define the MM transient current discharge waveform and all necessary test parameters to ensure reliable, reproducible test results. Reproducible data will allow accurate comparisons of MM ESD sensitivity levels.

Keel en

Asendatud EVS-EN 61340-3-2:2007

**EVS-HD 22.9 S2:2001**

Identne HD 22.9 S2:1995 + A1:1999

**Kummiisolatsiooniga kaablid nimipingega kuni 450/750 V. Osa 9: Ühesoonelised kaitsekestata kaablid kohtkindlale juhistikule, madala suitsu ja korrodeerivate gaaside emissiooniga**

This particular part (part 9) of the HD details the specifications for rubber insulated single core non-sheathed cables for fixed wiring of rated voltage up to and including 450/750 V and having low emission of smoke and corrosive gases. All cables shall comply with the appropriate requirements in Part 1 and the individual types of cable shall comply with the particular requirements of this Part of HD 22.

Keel en

Asendatud EVS-HD 22.9 S3:2007

**EVS-HD 22.10 S1:2001**

Identne HD 22.10 S1:1994 + A1:1999

**Kummiisolatsiooniga kaablid nimipingega kuni 450/750 V. Osa 10: Eteenpropeenkummiisolatsiooni ja polüüretaanmantliga paindkaablid**

This part 10 of the HD details the particular requirements for ethylene-propylene rubber insulated and thermoplastic polyurethane sheathed cable for a maximum conductor temperature of 90° C and lowest handling temperature of -40° C.

Keel en

Asendatud EVS-HD 22.10 S2:2007

**EVS-HD 22.11 S1:2001**

Identne HD 22.11 S1:1995 + A1:1999

**Kummiisolatsiooniga kaablid nimipingega kuni 450/750 V. Osa 11: Paindkaablid**

This part (Part 11) of the HD details the particular specifications for vulcanised EVA or equivalent synthetic elastomer insulated and vulcanised EVA or equivalent synthetic elastomer sheathed cords and flexible cables of rated voltages up to and including 300/500 V for use with a conductor temperature not exceeding 110 C.

Keel en

Asendatud EVS-HD 22.11 S2:2007

**EVS-HD 22.12 S1:2001**

Identne HD 22.12 S1:1996 + A1:1999

**Kummiisolatsiooniga kaablid nimipingega kuni 450/750 V. Osa 12: Kuumuskindlad eteenpropeenkummiisolatsioonigapaindkaablid**

This part (Part 12) of the HD details the particular specifications for heat-resistant EPR or equivalent synthetic elastomer insulated and heat-resistant EPR or CSP or equivalent synthetic elastomer sheathed cords and flexible cables of rated voltages up to and including 450/750 V for use with a conductor temperature not exceeding 90 °C.

Keel en

Asendatud EVS-HD 22.12 S2:2007

### **EVS-HD 22.13 S1:2001**

Identne HD 22.13 S1:1996 + A1:2000

**Kummiisolatsiooniga kaablid nimipingega kuni 450/750 V. Osa 13: Ühe- ja mitmesoonelised, võrkstruktuurisolatsiooni ja -mantliga paindkaablid madala suitsu ja korrodeerivate gaaside emissiooniga**

This part 13 of the HD details the particular specifications for single and multicore flexible cables of rated voltage 450/750 volts, insulated and sheathed with cross-linked compound having low emission of smoke and corrosive gases when they are involved in a fire.

Keel en

Asendatud EVS-HD 22.12 S2:2007

### **EVS-HD 22.14 S2:2003**

Identne HD 22.14 S2:2002

**Kummiisolatsiooniga kaablid nimipingega kuni 450/750 V. Osa 14: Paindkaablid kõrgpaindlikkust nõudvatele rakendustele**

This Part 14 of HD 22 details the particular specifications for EPR insulated and EPR sheathed, XLPVC insulated and XLPVC sheathed, and EPR insulated and textile braid covered cords of rated voltage 300/300 V, for use in applications where high flexibility is required. All cables shall comply with the appropriate requirements given in Part 1 of this HD, and the individual types of cable shall each comply with the particular requirements of this Part.

Keel en

Asendab EVS-HD 22.14 S1:2001

Asendatud EVS-HD 22.14 S3:2007

### **EVS-HD 22.15 S1:2001**

Identne HD 22.15 S1:1999

**Kummiisolatsiooniga kaablid nimipingega kuni 450/750 V. Osa 15: Mitmesoonelised kuumuskindla silikoonkummiisolatsiooni ja -mantliga kaablid**

This part of the HD details the specification for multicore cables of rated voltage 300/500 V, insulated and sheathed with heat resistance silicone rubber, with or without strain-bearing element.

Keel en

Asendatud EVS-HD 22.15 S2:2007

### **EVS-HD 22.16 S1:2001**

Identne HD 22.16 S1:2000

**Kummeeritud isolatsiooniga kaablid nimipingega kuni 450/750 V. Osa 16: Veekindlad polükloropreenvõi samaväärse elastomeermantliga kaablid**

This part (Part 16) of the HD details the particular specifications for water resistant EPR insulated, polychloroprene or other equivalent synthetic elastomer sheathed flexible cables of rated voltages up to and including 450/750 V, meant for applications in fresh water up to 10 m depth and water temperatures up to 40 °C.

Keel en

Asendatud EVS-HD 22.16 S2:2007

## **KAVANDITE ARVAMUSKÜSITLUS**

### **prEN 60076-15**

Identne prEN 60076-15:2007

ja identne IEC 60076-15:200X

Tähtaeg 29.06.2007

### **Power transformers -- Part 15: Gas-filled-type power transformers**

This standard applies to gas-filled-type power transformers (including auto-transformers). The standard applies to all construction technologies.

This standard does not apply to:

- single-phase transformers with rated power less than 1kVA and three-phase transformers less than 5kVA;
- dry type transformers (see IEC 60076-11);
- instrument transformers (see IEC 60044);
- starting transformers;
- testing transformers;
- traction transformers mounted on rolling stock;
- welding transformers;

Where IEC standards do not exist for the transformers mentioned above or for other special transformers, this standard may be applicable as a whole or in parts.

Keel en

### **prEN 60216-5**

Identne prEN 60216-5:2007

ja identne IEC 60216-5:200X

Tähtaeg 29.06.2007

### **Electrical insulating materials - Thermal endurance properties - Part 5: Determination of relative thermal endurance index (RTE) of an insulating material**

This part of IEC 60216 specifies the experimental and calculation procedures to be used for deriving the relative thermal endurance index of a material from experimental data obtained in accordance with the instructions of IEC 60216-1 and IEC 60216-2. The calculation procedures are supplementary to those of IEC 60216-3.

Keel en

Asendab EVS-EN 60216-5:2003

### **prEN 60255-22-3**

Identne prEN 60255-22-3:2007

ja identne IEC 60255-22-3:200X

Tähtaeg 29.06.2007

### **Measuring relays and protection equipment -- Part 22-3: Electrical disturbance tests for measuring relays and protection equipment - Radiated electromagnetic field disturbance tests**

This part of IEC 60255 is based on IEC 61000-4-3, referring to that publication where applicable, and specifies the general requirements for radiated electromagnetic field immunity tests for measuring relays and protection equipment for power system protection, including the control, monitoring and process interface equipment used with those systems. The objective of the tests is to confirm that the equipment under test (EUT) will operate correctly when energised and subjected to an electromagnetic field from a radiation source operating within the frequency range 80 MHz to 2,7 GHz.

Keel en

Asendab EVS-EN 60255-22-3:2002

**prEN 60454-2**

Identne prEN 60454-2:2007  
ja identne IEC 60454-2:200X  
Tähtaeg 29.06.2007

**Pressure-sensitive adhesive tapes for electrical purposes -- Part 2: Methods of test**

This part of IEC 60454 specifies methods of test for pressure-sensitive adhesive tapes for electrical purposes.

Keel en

Asendab EVS-EN 60454-2:2002

**prEN 60512-26-100**

Identne prEN 60512-26-100:2007  
ja identne IEC 60512-26-100:200X  
Tähtaeg 29.06.2007

**Connectors for electronic equipment - Tests and measurements -- Part 26-100: Measurement setup, test and reference arrangements and measurements for connectors according to IEC 60603-7 (tests 26a to 26g)**

This part of IEC 60512 specifies the test and measurements and the related measurement setup and reference arrangements for interoperability and backward compatibility tests for the development and qualification of 8-way, free and fixed connectors for data transmission.

Keel en

**prEN 61020-1**

Identne prEN 61020-1:2007  
ja identne IEC 61020-1:200X  
Tähtaeg 29.06.2007

**Electromechanical switches for use in electronic equipment -- Part 1: Generic specification**

This generic specification relates to electromechanical switches intended for use in electrical and electronic appliances. Switches covered by this specification:

- a) Are devices which open, close, or change the connection of a circuit by the mechanical motion of conducting parts (contacts).
- b) Have a maximum rated voltage of 480 V.
- c) Have a maximum rated current of 63 A.

This generic specification does not include keyboards and keypads which are intended for use in information-handling systems. Electromechanical key switches may be included under the scope of this generic specification. Switch families shall be described in any detail specifications that will reference this generic specification.

Keel en

**prEN 61249-2-31**

Identne prEN 61249-2-31:2007  
ja identne IEC 61249-2-31:200X  
Tähtaeg 29.06.2007

**Materials for printed boards and other interconnecting structures -- Part 2-31: Reinforced base materials clad and unclad for high frequency application - Halogenated modified or unmodified resin system, woven E-glass laminated sheets of defined relative permittivity (equal or less than 4,1 at 1 GHz) and flammability (vertical burning test), copper-clad**

This specification specified requirements for properties of woven E-glass laminated sheet of a thickness of 0,05 mm up to 3,2 mm, of defined flammability (vertical burning test), copperclad. The glass transition temperature is defined to be 150°C minimum. The relative permittivity is equal or less than 4.1 and dissipation factor is equal or less than 0.0120 at 1 GHz. Some property requirements may have several classes of performance. The class desired shall be specified in the purchase order otherwise the default class of material will be supplied.

Keel en

**prEN 61249-2-32**

Identne prEN 61249-2-32:2007  
ja identne IEC 61249-2-32:200X  
Tähtaeg 29.06.2007

**Materials for printed boards and other interconnecting structures -- Part 2-32: Reinforced base materials clad and unclad for high frequency application - Halogenated modified or unmodified resin system, woven E-glass laminated sheets of defined relative permittivity (equal or less than 3,7 at 1 GHz) and flammability (vertical burning test), copper-clad**

This specification specified requirements for properties of woven E-glass laminated sheet of a thickness of 0,05 mm up to 3,2 mm, of defined flammability (vertical burning test), copperclad. The glass transition temperature is defined to be 150°C minimum. The relative permittivity is equal or less than 3.7 and dissipation factor is equal or less than 0.0070 at 1 GHz. Some property requirements may have several classes of performance. The class desired shall be specified in the purchase order otherwise the default class of material will be supplied.

Keel en

**prEN 61249-2-33**

Identne prEN 61249-2-33:2007  
ja identne IEC 61249-2-33:200X  
Tähtaeg 29.06.2007

**Materials for printed boards and other interconnecting structures -- Part 2-33: Reinforced base materials clad and unclad for high frequency application - Non-halogenated modified or unmodified resin system, woven E-glass laminated sheets of defined relative permittivity (equal or less than 4,1 at 1 GHz) and flammability (vertical burning test), copper-clad**

This specification specified requirements for properties of woven E-glass laminated sheet of a thickness of 0,05 mm up to 3,2 mm, of defined flammability (vertical burning test), copperclad. The glass transition temperature is defined to be 150°C minimum. The relative permittivity is  $\epsilon$  equal or less than 4.1 and dissipation factor is equal or less than 0.0120 at 1 GHz. Some property requirements may have several classes of performance. The class desired shall be specified in the purchase order otherwise the default class of material will be supplied.

Keel en

**prEN 61249-2-34**

Identne prEN 61249-2-34:2007  
ja identne IEC 61249-2-34:200X  
Tähtaeg 29.06.2007

**Materials for printed boards and other interconnecting structures -- Part 2-34: Reinforced base materials clad and unclad for high frequency application - Non-halogenated modified or unmodified resin system, woven E-glass laminated sheets of defined relative permittivity (equal or less than 3,7 at 1 GHz) and flammability (vertical burning test), copper-clad**

This specification specified requirements for properties of woven E-glass laminated sheet of a thickness of 0,05 mm up to 3,2 mm, of defined flammability (vertical burning test), copperclad. The glass transition temperature is defined to be 150°C minimum. The relative permittivity is equal or less than 3.7 and dissipation factor is equal or less than 0.0070 at 1 GHz. Some property requirements may have several classes of performance. The class desired shall be specified in the purchase order otherwise the default class of material will be supplied.

Keel en

**prEN 61249-2-35**

Identne prEN 61249-2-35:2007  
ja identne IEC 61249-2-35:200X  
Tähtaeg 29.06.2007

**Materials for printed boards and other interconnecting structures -- Part 2-35: Reinforced base materials, clad and unclad - Modified epoxide woven E-glass laminated sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly**

This specification gives requirements for properties of modified brominated epoxide woven E-glass laminated sheet 0,05 mm up to 3,2 mm, of defined flammability (vertical burning test), copper-clad. The glass transition temperature is defined to be 150 to 200°C. Its flame resistance is defined in terms of the flammability requirements of 7.3. Some property requirements may have several classes of performance. The class desired must be specified on the purchase order otherwise the default class of material will be supplied.

Keel en

**prEN 61249-2-36**

Identne prEN 61249-2-36:2007  
ja identne IEC 61249-2-36:200X  
Tähtaeg 29.06.2007

**Materials for printed boards and other interconnecting structures -- Part 2-36: Reinforced base materials, clad and unclad - Epoxide woven E-glass laminated sheet of defined flammability (vertical burning test), copper-clad for lead-free assembly**

This specification gives requirements for properties of difunctional brominated epoxide woven E-glass laminated sheet 0,05 mm up to 3,2 mm, of defined flammability (vertical burning test), copper-clad. The glass transition temperature is defined to be 120°C minimum. Its flame resistance is defined in terms of the flammability requirements of 7.3. Some property requirements may have several classes of performance. The class desired must be specified on the purchase order otherwise the default class of material will be supplied.

Keel en

**prEN 61249-2-37**

Identne prEN 61249-2-37:2007  
ja identne IEC 61249-2-37:200X  
Tähtaeg 29.06.2007

**Materials for printed boards and other interconnecting structures -- Part 2-37: Reinforced base materials, clad and unclad - Modified non-halogenated epoxide woven E-glass laminated sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly**

This specification gives requirements for properties of modified brominated non-halogenated epoxide woven E-glass laminated sheet 0,05 mm up to 3,2 mm, of defined flammability (vertical burning test), copper-clad. The glass transition temperature is defined to be 150 to 200°C. Its flame resistance is defined in terms of the flammability requirements of 7.3. Some property requirements may have several classes of performance. The class desired must be specified on the purchase order otherwise the default class of material will be supplied.

Keel en



**prEN 61249-2-38**

Identne prEN 61249-2-38:2007  
ja identne IEC 61249-2-38:200X  
Tähtaeg 29.06.2007

**Materials for printed boards and other interconnecting structures -- Part 2-38: Reinforced base materials, clad and unclad - Non-halogenated epoxide woven E-glass laminated sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly**

This specification gives requirements for properties of di-functional non-halogenated epoxide woven E-glass laminated sheet 0,05 mm up to 3,2 mm, of defined flammability (vertical burning test), copper-clad. The glass transition temperature is defined to be 120°C minimum. Its flame resistance is defined in terms of the flammability requirements of 7.3. Some property requirements may have several classes of performance. The class desired must be specified on the purchase order otherwise the default class of material will be supplied.

Keel en

**prEN 61249-4-14**

Identne prEN 61249-4-14:2007  
ja identne IEC 61249-4-14:200X  
Tähtaeg 29.06.2007

**Materials for printed boards and other interconnecting structures -- Part 4-14: Sectional specification set for prepreg materials, unclad (for the manufacture of multilayer boards) - Epoxide woven E-glass prepreg of defined flammability (vertical burning test) for lead-free assembly**

This standard gives requirements for properties of prepreg that is mainly intended to be used as bonding sheets in connection with laminates according IEC 61249-2-34 when manufacturing multilayer boards according to IEC 62326-4. Multilayer boards comprised of these materials are suitable for lead-free assembly processes. This material may be also used to bond other types of laminates.

Prepreg according to this standard is of defined flammability (vertical burning test). The flammability rating on fully cured prepreg is achieved through the use of brominated fire retardants contained as an integral part of the polymeric structure. After curing of the prepreg according to the supplier's instructions, the glass transition temperature is defined to be 120°C minimum.

Keel en

**prEN 61249-4-15**

Identne prEN 61249-4-15:2007  
ja identne IEC 61249-4-15:200X  
Tähtaeg 29.06.2007

**Materials for printed boards and other interconnecting structures -- Part 4-15: Sectional specification set for prepreg materials, unclad (for the manufacture of multilayer boards) - Multifunctional epoxide woven E-glass prepreg of defined flammability (vertical burning test) for lead-free assembly**

This standard gives requirements for properties of prepreg that is mainly intended to be used as bonding sheets in connection with laminates according IEC 61249-2-35 when manufacturing multilayer boards according to IEC 62326-4. Multilayer boards comprised of these materials are suitable for lead-free assembly processes. This material may be also used to bond other types of laminates.

Prepreg according to this standard is of defined flammability (vertical burning test). The flammability rating on fully cured prepreg is achieved through the use of brominated fire retardants contained as an integral part of the polymeric structure. After curing of the prepreg according to the supplier's instructions, the glass transition temperature is defined to be 150 and 200°C.

Keel en

**prEN 61249-4-16**

Identne prEN 61249-4-16:2007  
ja identne IEC 61249-4-16:200X  
Tähtaeg 29.06.2007

**Materials for printed boards and other interconnecting structures -- Part 4-16: Sectional specification set for prepreg materials, unclad (for the manufacture of multilayer boards) - Multifunctional non-halogenated epoxide woven E-glass prepreg of defined flammability (vertical burning test) for lead-free assembly**

This standard gives requirements for properties of prepreg that is mainly intended to be used as bonding sheets in connection with laminates according IEC 61249-2-37 when manufacturing multilayer boards according to IEC 62326-4. Multilayer boards comprised of these materials are suitable for lead-free assembly processes. This material may be also used to bond other types of laminates.

Prepreg according to this standard is of defined flammability (vertical burning test). The flammability rating on fully cured prepreg is achieved through the use of non-halogenated flame retardants contained as an integral part of the polymeric structure. After curing of the prepreg according to the supplier's instructions, the glass transition temperature is defined to be 150 and 200°C.

Keel en

**prEN 61249-4-17**

Identne prEN 61249-4-17:2007  
 ja identne IEC 61249-4-17:200X  
 Tähtaeg 29.06.2007

**Materials for printed boards and other interconnecting structures -- Part 4-17: Sectional specification set for prepreg materials, unclad (for the manufacture of multilayer boards) - Non-halogenated epoxide woven E-glass prepreg of defined flammability (vertical burning test) for lead-free assembly**

This standard gives requirements for properties of prepreg that is mainly intended to be used as bonding sheets in connection with laminates according IEC 61249-2-38 when manufacturing multilayer boards according to IEC 62326-4. Multilayer boards comprised of these materials are suitable for lead-free assembly processes. This material may be also used to bond other types of laminates.

Prepreg according to this standard is of defined flammability (vertical burning test). The flammability rating on fully cured prepreg is achieved through the use of non-halogenated fire retardants contained as an integral part of the polymeric structure. After curing of the prepreg according to the supplier's instructions, the glass transition temperature is defined to be 120°C minimum.

Keel en

**prEN 62386-201**

Identne prEN 62386-201:2007  
 ja identne IEC 62386-201:200X  
 Tähtaeg 29.06.2007

**Digital addressable lighting interface -- Part 201: Particular requirements for control gear - Fluorescent lamps (device type 0)**

This International Standard specifies a protocol and methods of test for the control by digital signals of electronic control gear for use on a.c. or d.c. supplies, associated with fluorescent lamps.

Keel en

## 31 ELEKTROONIKA

### UUED STANDARDID

**EVS-EN 60747-16-1:2003/A1:2007**

Hind 151,00  
 Identne EN 60747-16-1:2002/A1:2007  
 ja identne IEC 60747-16-1:2001/A1:2007

**Semiconductor devices - Part 16-1: Microwave integrated circuits -Amplifiers**

Provides the terminology, the essential ratings and characteristics, as well as the measuring methods, for integrated circuit microwave power amplifiers.

Keel en

**EVS-EN 60825-2:2004/A1:2007**

Hind 151,00  
 Identne EN 60825-2:2004/A1:2007  
 ja identne IEC 60825-2:2004/A1:2006

**Lasertoodete ohutus. Osa 2: Kiudoptiliste sidesüsteemide ohutus**

Provides requirements and specific guidance for the safe operation and maintenance of optical fibre communication systems (OFCS). In these systems optical power may be accessible outside the confinements of transmitting equipment or at great distance from the optical source. This standard requires the assessment of hazard levels at accessible locations as a replacement for classification according to EN 60825-1. It applies to the complete installed end-to-end OFCS, including its components and subassemblies that generate or amplify optical radiation. Individual components and subassemblies that are sold only to OEM vendors for incorporation into a complete installed end-to-end OFCS need not be assessed to this standard, since the final OFCS should itself be assessed according to this standard. The objective of this Part 2 of EN 60825 is to: - protect people from optical radiation resulting from OFCS; - provide requirements for manufacturers, installation organizations, service organizations and operating organizations in order to establish procedures and supply information so that proper precautions can be adopted; - ensure adequate warnings are provided to individuals regarding the potential hazards associated with OFCS through the use of signs, labels and instructions.

Keel en

**EVS-EN 61169-2:2007**

Hind 171,00  
 Identne EN 61169-2:2007  
 ja identne IEC 61169-2:2007

**Radio-frequency connectors - Part 2: Sectional specification - Radio frequency coaxial connectors of type 9,52**

This part of IEC 61169, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for RF coaxial connectors of type 9,52. It describes the interface dimensions for general purpose grade 2 connectors, dimensional details for standard test connectors, grade 0, together with gauging information and the mandatory tests selected from IEC 61169-1, applicable to all DS relating to type 9,52 connectors. This specification indicates the recommended performance characteristics to be considered when writing a DS and covers test schedules and inspection requirements.

Keel en

Asendab EVS-EN 61169-2:2003

### ASENDATUD VÕI TÜHISTATUD STANDARDID

**EVS-EN 61169-2:2003**

Identne EN 61169-2:2001  
 ja identne IEC 61169-2:2001

**Radio-frequency connectors - Part 2: Sectional specification - Radio frequency coaxial connectors of type 9,52**

A sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for RF coaxial connectors of type 9,52.

Keel en

Asendatud EVS-EN 61169-2:2007

## KAVANDITE ARVAMUSKÜSITLUS

### **prEN 60191-6-13**

Identne prEN 60191-6-13:2007  
ja identne IEC 60191-6-13:200X  
Tähtaeg 29.06.2007

### **Mechanical standardization of semiconductor devices -- Part 6-13: design guideline of open-top type sockets for Fine-pitch Ball Grid Array and Fine-pitch Land Grid Array (FBGA/FLGA)**

This part of IEC 60191 gives a design guideline of open-top-type semiconductor sockets for Fine-pitch Ball Grid Array ("FBGA" hereafter) and Fine-pitch Land Grid Array ("FLGA" hereafter). This standard is intended to establish the outline drawings and dimensions of the open-top-type socket out of the test and burn-in sockets applied to FBGA and FLGA.

Keel en

## **33 SIDETEHNIKA**

### UUED STANDARDID

#### **EVS-EN 50478:2007**

Hind 305,00  
Identne EN 50478:2007

#### **Functional receiver specification of satellite digital interactive television with a low Data Rate Return Channel Via Satellite - Model Layer specification**

This standard applies for the interaction channel for interactive television networks using Geostationary Satellites with fixed return channel satellite terminals via low data rate dedicated return link. It specifies the essential elements for the implementation of the interaction channel.

Keel en

#### **EVS-EN 60825-2:2004/A1:2007**

Hind 151,00  
Identne EN 60825-2:2004/A1:2007  
ja identne IEC 60825-2:2004/A1:2006

#### **Lasertoodete ohutus. Osa 2: Kiudoptiliste sidesüsteemide ohutus**

Provides requirements and specific guidance for the safe operation and maintenance of optical fibre communication systems (OFCS). In these systems optical power may be accessible outside the confinements of transmitting equipment or at great distance from the optical source. This standard requires the assessment of hazard levels at accessible locations as a replacement for classification according to EN 60825-1. It applies to the complete installed end-to-end OFCS, including its components and subassemblies that generate or amplify optical radiation. Individual components and subassemblies that are sold only to OEM vendors for incorporation into a complete installed end-to-end OFCS need not be assessed to this standard, since the final OFCS should itself be assessed according to this standard. The objective of this Part 2 of EN 60825 is to: - protect people from optical radiation resulting from OFCS; - provide requirements for manufacturers, installation organizations, service organizations and operating organizations in order to establish procedures and supply information so that proper precautions can be adopted; - ensure adequate warnings are provided to individuals regarding the potential hazards associated with OFCS through the use of signs, labels and instructions.

Keel en

#### **EVS-EN 61000-4-1:2007**

Hind 162,00  
Identne EN 61000-4-1:2007  
ja identne IEC 61000-4-1:2006

#### **Electromagnetic compatibility (EMC) - Part 4-1: Testing and measurement techniques - Overview of IEC 61000-4 series**

This part of IEC 61000 covers testing and measuring techniques for electric and electronic equipment (apparatus and systems) in its electromagnetic environment. The object of this part is to give applicability assistance to the technical committees of IEC or other bodies, users and manufacturers of electrical and electronic equipment on EMC standards within the IEC 61000-4 series on testing and measurement techniques and to provide general recommendations concerning the choice of relevant tests.

Keel en

Asendab EVS-EN 61000-4-1:2002

#### **EVS-EN 61937-1:2007**

Hind 171,00  
Identne EN 61937-1:2007  
ja identne IEC 61937-1:2007

#### **Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 1: General**

This part of IEC 61937 applies to the digital audio interface using the IEC 60958 series for the conveying of non-linear PCM encoded audio bitstreams. It describes the way in which this digital interface can be used in consumer applications. The professional mode (AES/EBU) is not considered within the scope of this standard.

Keel en

Asendab EVS-EN 61937-1:2004

#### **EVS-EN 62310-2:2007**

Hind 208,00  
Identne EN 62310-2:2007  
ja identne IEC 62310-2:2006

#### **Static transfer systems (STS) -- Part 2: Electromagnetic compatibility (EMC) requirements**

The IEC 62310 series applies to free standing operation a.c. static transfer systems (STS) intended to ensure the continuity of load supply through controlled transfer, with or without interruption of power, from two or more independent a.c. sources. The IEC 62310 series includes requirements for the switching elements, their control and protective elements, where applicable. The IEC 62310 series also includes information for the overall integration of the STS and its accessories into the a.c. power network. This standard applies to systems up to 1 000 V a.c. which are intended to be used in singlephase, phase-phase or three-phase applications. This part of IEC 62310 takes precedence over all aspects of the generic standards, and no additional testing is necessary.

Keel en

#### **EVS-EN 300 676-1 V1.4.1:2007**

Hind 208,00  
Identne EN 300 676-1 V1.4.1:2007

#### **Electromagnetic compatibility and Radio spectrum Matters (ERM); Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers for the VHF aeronautical mobile service using amplitude modulation; Part 1: Technical characteristics and methods of measurement**

Keel en

### **EVS-EN 301 178-2 V1.2.2:2007**

Hind 141,00

Identne EN 301 178-2 V1.2.2:2007

**Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Ülikõrgsagedusalas (VHF) töötavad teisaldatavad liikuva mereside raadiotelefoniseadmed (mitte GMDSS rakenduste jaoks); Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3.2 alusel**

Keel en

### **ASENDATUD VÕI TÜHISTATUD STANDARDID**

#### **EVS-EN 61000-4-1:2002**

Identne EN 61000-4-1:2000

ja identne IEC 61000-4-1:2000

**Electromagnetic compatibility (EMC) - Part 4-1: Testing and measurement techniques - Overview of IEC 61000-4 series**

This part of IEC 61000-4 is a basic EMC (electromagnetic compatibility) publication. The part 4 series covers testing and measurement techniques for electric and electronic equipment (apparatus and systems) in its electromagnetic environment. The object of this part is to give applicability assistance to the technical committees of IEC or other bodies, users and manufactures of electrical and electronic equipment on EMC standards within IEC 61000 Part 4 series on testing and measurement techniques.

Keel en

Asendatud EVS-EN 61000-4-1:2007

#### **EVS-EN 61937-1:2004**

Identne EN 61937-1:2003

ja identne IEC 61937-1:2003

**Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 1: General** applies to the digital audio interface using the IEC 60958 series for the conveying of non-linear PCM encoded audio bitstreams.

Keel en

Asendatud EVS-EN 61937-1:2007

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **EN 55014-1:2007/prA1**

Identne EN 55014-1:2006/prA1:2007 (fragment 1)

ja identne CISPR 14-1:2005/A1:200X (fragment 1)

Tähtaeg 29.06.2007

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

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

Keel en

#### **EN 55016-1-1:2007/prA2**

Identne EN 55016-1-1:2007/prA2:2007

ja identne CISPR 16-1-1:2006/A2:200X

Tähtaeg 29.06.2007

**Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus**

This part of CISPR 16 is designated a basic standard, which specifies the characteristics and performance of equipment for the measurement of radio disturbance voltages, currents and fields in the frequency range 9 kHz to 18 GHz. In addition, requirements are specified for specialized equipment for discontinuous disturbance measurements. The requirements include the measurement of broadband and narrowband types of radio disturbance.

The receiver types covered include the following:

- a) the quasi-peak measuring receiver,
- b) the peak measuring receiver,
- c) the average measuring receiver,
- d) the r.m.s. measuring receiver.

Keel en

#### **EN 300 113-1 V1.6.1**

Identne EN 300 113-1 V1.6.1:2007

Tähtaeg 24.06.2007

**Electromagnetic compatibility and Radio spectrum Matters (ERM); Land mobile service; Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector; Part 1: Technical characteristics and methods of measurement**

Keel en

#### **EN 300 113-2 V1.4.1**

Identne EN 300 113-2 V1.4.1:2007

Tähtaeg 24.06.2007

**Electromagnetic compatibility and Radio spectrum Matters (ERM); Land mobile service; Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive**

Keel en

#### **EN 300 392-5 V1.3.0**

Identne EN 300 392-5 V1.3.0:2007

Tähtaeg 24.06.2007

**Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 5: Peripheral Equipment Interface (PEI)**

Keel en

#### **EN 300 392-12-1 V1.2.2**

Identne EN 300 392-12-1 V1.2.2:2007

Tähtaeg 24.06.2007

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

Keel en

**EN 301 166-1 V1.2.1**

Identne EN 301 166-1 V1.2.1:2007

Tähtaeg 24.06.2007

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Land Mobile Service;Radio equipment for analogue and/or digital communication (speech and/or data) and operating on narrow band channels and having an antenna connector;Part 1: Technical characteristics and methods of measurement**

Keel en

**EN 301 166-2 V1.2.1**

Identne EN 301 166-2 V1.2.1:2007

Tähtaeg 24.06.2007

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Land Mobile Service;Radio equipment for analogue and/or digital communication (speech and/or data) and operating on narrow band channels and having an antenna connector;Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 301 459 V1.4.0**

Identne EN 301 459 V1.4.0

Tähtaeg 24.06.2007

**Satellite Earth Stations and Systems (SES);Harmonized EN for Satellite Interactive Terminals (SIT) and Satellite User Terminals (SUT) transmitting towards satellites in geostationary orbit in the 29,5 GHz to 30,0 GHz frequency bands covering essential requirements under article 3.2of the R&TTE Directive**

Keel en

**EN 301 489-1 V1.7.1**

Identne EN 301 489-1 V1.7.1:2007

Tähtaeg 24.06.2007

**Electromagnetic compatibility and Radio spectrum Matters (ERM);ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 1: Common technical requirements**

Keel en

**EN 301 489-17 V1.3.1**

Identne EN 301 489-17 V1.3.1:2007

Tähtaeg 24.06.2007

**Electromagnetic compatibility and Radio spectrum Matters (ERM);ElectroMagnetic Compatibility (EMC) standard for radio equipment;Part 17: Specific conditions for 2,4 GHz wideband transmission systems, 5 GHz high performance RLAN equipment and 5,8 GHz Broadband Data Transmitting Systems**

Keel en

**EN 301 839-1 V1.2.1**

Identne EN 301 839-1 V1.2.1:2007

Tähtaeg 24.06.2007

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Short Range Devices (SRD);Ultra Low Power Active Medical Implants (ULP-AMI) and Peripherals (ULP-AMI-P) operating in the frequency range 402 MHz to 405 MHz;Part 1: Technical characteristics and test methods**

Keel en

**EN 301 839-2 V1.2.1**

Identne EN 301 839-2 V1.2.1:2007

Tähtaeg 24.06.2007

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Short Range Devices (SRD);Ultra Low Power Active Medical Implants (ULP-AMI) and Peripherals (ULP-AMI-P) operating in the frequency range 402 MHz to 405 MHz;Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 302 288-1 V1.3.1**

Identne EN 302 288-1 V1.3.1:2007

Tähtaeg 24.06.2007

**Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Short range radar equipment operating in the 24 GHz range; Part 1: Technical requirements and methods of measurement**

Keel en

**EN 302 288-2 V1.2.2**

Identne EN 302 288-2 V1.2.2 :2007

Tähtaeg 24.06.2007

**Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Short range radar equipment operating in the 24 GHz range; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 302 454-1 V1.1.1**

Identne EN 302 454-1 V1.1.1:2007

Tähtaeg 24.06.2007

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Meteorological Aids (Met Aids);Radiosondes to be used in the 1 668,4 MHz to 1 690 MHz frequency range;Part 1: Technical characteristics and test methods**

Keel en

**EN 302 454-2 V1.1.1**

Identne EN 302 454-2 V1.1.1:2007

Tähtaeg 24.06.2007

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Meteorological Aids (Met Aids);Radiosondes to be used in the 1 668,4 MHz to 1 690 MHz frequency range;Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive**

Keel en

**EN 302 510-1 V1.1.1**

Identne EN 302 510-1 V1.1.1:2007

Tähtaeg 24.06.2007

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Radio equipment in the frequency range 30 MHz to 37,5 MHz for Ultra Low Power Active Medical Membrane Implants and Accessories;Part 1: Technical characteristics and test methods**

Keel en

## EN 302 510-2 V1.1.1

Identne EN 302 510-2 V1.1.1:2007

Tähtaeg 24.06.2007

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Radio equipment in the frequency range 30 MHz to 37,5 MHz for Ultra Low Power Active Medical Membrane Implants and Accessories;Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive**

Keel en

### prEN 50290-4-2

Identne prEN 50290-4-2:2007

Tähtaeg 29.06.2007

**Communication cables -- Part 4-2: General considerations for the use of cables - Guide to use**

The scope of this European Standard is to help installers and cabling designers to understand the range of communication copper cables available. To help this choice the fundamental and practical rules on how to use these cables are established The related cables are specified in the documents issued by CLC/TC 46X and its subcommittees.

These cables are:

- telecom cables used in access network,
- data communication twisted pairs cables,
- coaxial cables used in CATV.

Keel en

### prEN 61968-4

Identne prEN 61968-4:2007

ja identne IEC 61968-4:200X

Tähtaeg 29.06.2007

**Application integration at electric utilities - System interfaces for distribution management -- Part 4: Interfaces for records and asset management**

This Part of IEC 61968 specifies the information content of a set of message types that can be used to support many of the business functions related to records and asset management. Typical uses of the message types defined in this Part of IEC 61968 include network extension planning, copying feeder or other network data between systems, network or diagram edits and asset inspection. Message types defined in other Parts of IEC 61968 may also be relevant to these use cases.

Keel en

### prEN 62439

Identne prEN 62439:2007

ja identne IEC 62439:200X

Tähtaeg 29.06.2007

**Industrial communication networks - High availability automation networks**

This standard covers highly available automation networks based on the ISO/IEC 8802-3 (Ethernet) technology.

This standard specifies

- a classification scheme of network characteristics (Annex);
- a methodology to estimate network availability (Annex);
- communication protocols to realize highly available automation networks by using redundancy, each protocol having characteristics corresponding to the intended application.

Keel en

## 35 INFOTEHNOLOOGIA. KONTORISEADMED

### UUED STANDARDID

#### EVS-EN 1064:2005+A1:2007

Hind 151,00

Identne EN 1064:2005+A1:2007

**Health informatics - Standard communication protocol - Computer-assisted electrocardiography KONSOLIDEERITUD TEKST**

This document specifies the common conventions required for the cart-to-host as well as cart-to-cart interchange of specific patient data (demographic, recording...), ECG signal data, ECG measurement and ECG interpretation results. This document specifies the content and structure of the information which is to be interchanged between digital ECG carts and computer ECG management systems, as well as other computer systems where ECG data can be stored.

Keel en

Asendab EVS-EN 1064:2005

#### EVS-EN 61937-8:2007

Hind 151,00

Identne EN 61937-8:2007

ja identne IEC 61937-8:2006

**Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 -- Part 8: Non-linear PCM bitstreams according to the Windows Media Audio (WMA) Professional format**

This part of IEC 61937 specifies the method for the digital audio interface specified in IEC 60958 to convey non-linear PCM bitstreams encoded in accordance with the WMA Professional format

Keel en

#### EVS-EN 61987-1:2007

Hind 233,00

Identne EN 61987-1:2007

ja identne IEC 61987-1:2006

**Industrial-process measurement and control - Data structures and elements in process equipment catalogues -- Part 1: Measuring equipment with analogue and digital output**

This part of IEC 61987 defines a generic structure in which product features of industrial process measurement and control equipment with analogue or digital output should be arranged, in order to facilitate the understanding of product descriptions when they are transferred from one party to another. It applies to the production of catalogues of process measuring equipment supplied by the manufacturer of the product and helps the user to formulate his requirements.

Keel en

## ASENDATUD VÕI TÜHISTATUD STANDARDID

### **EVS-EN 1064:2005**

Identne EN 1064:2005

#### **Health informatics - Standard communication protocol - Computer-assisted electrocardiography**

This document specifies the common conventions required for the cart-to-host as well as cart-to-cart interchange of specific patient data (demographic, recording...), ECG signal data, ECG measurement and ECG interpretation results. This document specifies the content and structure of the information which is to be interchanged between digital ECG carts and computer ECG management systems, as well as other computer systems where ECG data can be stored.

Keel en

Asendatud EVS-EN 1064:2005+A1:2007

## **45 RAUDTEETEHNIKA**

### UUED STANDARDID

#### **CLC/TR 50126-2:2007**

Hind 324,00

Identne CLC/TR 50126-2:2007

#### **Railway applications - The specification and demonstration of Reliability, Availability, Maintainability and Safety (RAMS) -- Part 2: Guide to the application of EN 50126 for safety**

This Technical Report provides guidance on specific issues, listed under 1.3 below, for applying the safety process requirements in EN 50126-1 to a railway system and for dealing with the safety activities during the different system life cycle phases. The guidance is applicable to all systems covered within the scope of EN 50126-1. It assumes that the users of the report are familiar with safety matters but need guidance on the application of EN 50126-1 for safety issues that are not or could not be addressed in the standard in detail.

Keel en

### KAVANDITE ARVAMUSKÜSITLUS

#### **EVS 867:2003/A1**

ja identne EVS 867:2003

Tähtaeg 23.06.2007

#### **Raudtee rakendused. Reisijate ooteplatvormid**

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

Keel et

#### **prEN 15654-1**

Identne prEN 15654-1:2007

Tähtaeg 29.06.2007

#### **Railway applications - Measurement of wheel and axle loads - Part 1: Interoperable 'in-service' rail vehicles**

The scope of this European standard is restricted to the measurement of the quasi static or mean wheel and axle loads and the evaluation of the difference in static load between each side of the same vehicle, bogie and wheelset. Other derived quantities covered by the standard are:

- average axle load of a trainset;
- vehicle mass;
- total train mass.

Keel en

#### **prEN 15663**

Identne prEN 15663:2007

Tähtaeg 29.06.2007

#### **Railway applications - Vehicle Mass definition**

The purpose of this standard is to define the different concepts of masses required for the design, testing, delivery acceptance, marking and operation of rail vehicles and to provide a single reference value for the defined vehicle states.

The masses defined in this standard are as follows:

- dead mass;
- design mass;
- design mass, in working order;
- design mass under normal payload;
- design mass under exceptional payload;
- operational mass;
- operational mass, in working order;
- operational mass under normal payload.

Keel en

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

### UUED STANDARDID

#### **EVS-EN 15271:2007**

Hind 113,00

Identne EN 15271:2007

#### **Inland navigation vessels - Studless anchor chain - Anchor equipment**

This European Standard specifies requirements for anchor equipment for inland navigation vessels.

Keel en

#### **EVS-EN 15272-2:2007**

Hind 123,00

Identne EN 15272-2:2007

#### **Inland navigation vessels - Rope leading - Part 2: Fairlead**

This European Standard specifies requirements for fairleads on inland navigation vessels. It applies to fairleads for guiding ropes perpendicularly to the fairlead axis. It is used, for example, for hauling, mooring and coupling inland navigation vessels.

Keel en

#### **EVS-EN 62320-1:2007**

Hind 305,00

Identne EN 62320-1:2007

ja identne IEC 62320-1:2007

#### **Maritime navigation and radiocommunication equipment and systems - Automatic Identification Systems (AIS) -- Part 1: AIS Base Stations - Minimum operational and performance requirements, methods of testing and required test results**

This part of IEC 62320 specifies the minimum operational and performance requirements, methods of testing and required test results for AIS Base Stations, compatible with the performance standards adopted by IMO Res. MSC.74 (69), Annex 3, Universal AIS. It incorporates the technical characteristics of non-shipborne, fixed station AIS equipment, included in recommendation ITU-R M.1371 and IALA Recommendation A-124. Where applicable, it also takes into account the ITU Radio Regulations. This standard takes into account other associated IEC international standards and existing national standards, as applicable. This standard is applicable for AIS Base Stations. It does not include specifications for the display of AIS data on shore.

Keel en

## KAVANDITE ARVAMUSKÜSITLUS

### **prEN 61023**

Identne prEN 61023:2007  
ja identne IEC 61023:200X  
Tähtaeg 29.06.2007

#### **Maritime navigation and radiocommunication equipment and systems - Marine speed and distance measuring equipment (SDME) - Performance requirements - Methods of testing and required test results**

This International Standard specifies the minimum performance requirements, methods of testing and required test results of devices to indicate speed and distance – speed and distance measuring equipment (SDME) required by Regulation 19 of Chapter V of the International Convention for the Safety of Life at Sea (SOLAS), 1974, as amended, and which is associated with IEC 60945. This standard is based upon the requirements of IMO Resolution MSC.96(72). The clause numbering of that resolution is indicated in parentheses in Clause 4 and all subclauses whose meaning is identical to that in the resolution are printed in italics. In the tests of Clause 5, the corresponding requirement of Clause 4 is indicated in parentheses. The cross-references between the IMO performance standards in Resolution MSC.96(72) and the tests of this standard are summarized in Annex A.

Keel en

Asendab EVS-EN 61023:2002

### **prEN 61097-1**

Identne prEN 61097-1:2007  
ja identne IEC 61097-1:200X  
Tähtaeg 29.06.2007

#### **Global maritime distress and safety system (GMDSS) - Part 1: Radar transponder - Marine search and rescue (SART) - Operational and performance requirements, methods of testing and required test results**

This part of IEC 61097 specifies the performance standards and type testing of marine radar transponders used in search and rescue operations at sea (SART), as required by Regulation 6.2.2 of Chapter III, and 7.1.3 and 8.3.1 of Chapter IV of the 1988 amendments to the 1974 International Convention for Safety of Life at Sea (SOLAS), and which is associated with IEC 60936 (Shipborne radar) and IEC 60945 (General requirements). This standard incorporates the performance standards of IMO Resolutions A.530 (13) and A.802 (19) (Survival craft radar transponders for use in search and rescue operations) and the technical characteristics for such transponders contained in ITU-R Recommendation M.628-4, and takes account of the general requirements contained in IMO Resolution A.694 (17).

Keel en

Asendab EVS-EN 61097-1:2002

## **55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID**

### KAVANDITE ARVAMUSKÜSITLUS

#### **prEN 15653**

Identne prEN 15653:2007  
Tähtaeg 29.06.2007

#### **Packaging - Flexible aluminium tubes - Test method to check the resistance of the internal protective coating against ammonia**

The ammonia test is a quick test to check the chemical resistance of the internal protective coating of aluminium tubes. The test is used for flexible aluminium tubes for alkaline fillings and as an introductory test for newly developed internal protective coatings.

Keel en

#### **prEN ISO 23667**

Identne prEN ISO 23667:2007  
ja identne ISO/FDIS 23667:2007  
Tähtaeg 30.07.2007

#### **Packaging - Transport packaging for dangerous goods - Rigid plastics and plastics composite IBCs - Compatibility testing**

This International Standard specifies the requirements and test methods for compatibility testing of polyethylene-based plastics Intermediate Bulk Containers (IBCs) and composite IBCs with plastics inners containing liquids. The testing involves storage with the packaged substance, or with a standard liquid as defined in Annex A. Annex B describes small scale laboratory tests, which may be used to determine the assimilation of those products to be carried with the standard liquids. This International Standard should be used in conjunction with one or more of the international regulations set out in the Bibliography.

Keel en

## **61 RÕIVATÖÖSTUS**

### KAVANDITE ARVAMUSKÜSITLUS

#### **prEN 14682 rev**

Identne prEN 14682:2007  
Tähtaeg 30.07.2007

#### **Lasteriiete ohutus. Nöörid ja paelad lasteriitel. Spetsifikatsioonid**

This European Standard specifies requirements for cords and drawstrings on children's clothing, including disguise costumes and skiwear, up to the age of 14 years. Within the scope of this European Standard it is not possible to cover all potential hazards that may create an unsafe garment. Conversely, identifiable specific hazards in certain styles/design of garment might not present a risk for certain age groups.

Keel en

Asendab EVS-EN 14628:2005



## 65 PÕLLUMAJANDUS

### KAVANDITE ARVAMUSKÜSITLUS

#### **EN 12737:2004/prA1**

Identne EN 12737:2004/prA1:2007

Tähtaeg 29.06.2007

#### **Precast concrete products - Floor slats for livestock**

This European Standard specifies the requirements for reinforced and prestressed precast concrete floor slats used in slatted floors for the housing of livestock and provides for the evaluation of conformity of these products. This standard does not cover slats for loadings other than stock and stockmen.

Keel en

#### **EN 13683:2004/prA1**

Identne EN 13683:2003/prA1:2007

Tähtaeg 29.06.2007

#### **Aiapidamiseadmed. Integreeritud jõuallikaga hekseldid/veskid. Ohutus**

This European Standard specifies safety requirements and their verification for the design and construction of hand fed, shredders/chippers with integral power source and with or without vacuum assisted collection which are designed primarily to reduce organic material to smaller pieces. It is only applicable to shredders/chippers that are designed for use outdoors in a stationary position by an operator standing on the ground

Keel en

#### **prEN 15510**

Identne prEN 15510:2007

Tähtaeg 29.06.2007

#### **Animal feeding stuffs - Determination of calcium, sodium, phosphorus, magnesium, potassium, iron, zinc, copper, manganese, cobalt, molybdenum, arsenic, lead and cadmium by ICP-AES**

This European Standard specifies an ICP-AES method for the determination of:

- minerals calcium, sodium, phosphorus, magnesium and potassium and the elements iron, zinc, copper, manganese, cobalt, molybdenum in animal feeding stuffs,

- elements arsenic, lead and cadmium in minerals on their own, in pre-mixtures or mixtures for use in animal nutrition.

The method detection limit for each element is dependent on the sample matrix as well as of the instrument.

The method is not applicable for determination of low concentrations of elements. The limit of quantification should be 3 mg/kg or lower.

Keel en

## 67 TOIDUAINETE TEHNOLOOGIA

### UUED STANDARDID

#### **EVS-EN 15111:2007**

Hind 104,00

Identne EN 15111:2007

#### **Foodstuffs - Determination of trace elements - Determination of iodine by ICP-MS (inductively coupled plasma mass spectrometry)**

This European Standard specifies an extraction method for the determination of iodine compounds in foodstuffs by inductively coupled plasma mass spectrometry (ICP-MS).

Keel en

Asendab CEN/TS 15111:2005

### KAVANDITE ARVAMUSKÜSITLUS

#### **prCEN/TR 15645-1**

Identne prCEN/TR 15645-1:2007

Tähtaeg 29.06.2007

#### **Paper and board intended to come into contact with foodstuffs - Calibration of the off-flavour test - Part 1: Odour**

This Technical Report specifies a written formula to prepare calibration samples for assessing odours released by a paper or board sample, and how to train the panel in the use of these calibration samples. The general outline of the testing procedure consists of sensory assessment of the odour samples without formal training by a selected panel, followed by training of the panel, and finally sensory assessment of the odour samples after training by the same sensory panel.

Keel en

#### **prCEN/TR 15645-2**

Identne prCEN/TR 15645-2:2007

Tähtaeg 29.06.2007

#### **Paper and board intended to come into contact with foodstuffs - Calibration of the off flavour test - Part 2: Fatty food**

This Technical Report specifies a written formula to prepare calibration samples for assessing off-flavour (given by benzaldehyde) in a test substance representative of fatty food products (coconut oil). Essentially, this is meant to simulate the transfer of off-flavours from paper and board to a fatty food product. This Technical Report also specifies how to train the panel in the use of the calibration samples.

Keel en

#### **prCEN/TR 15645-3**

Identne prCEN/TR 15645-3:2007

Tähtaeg 29.06.2007

#### **Paper and board intended to come into contact with foodstuffs - Calibration of the off-flavour test - Part 3: Dry food**

This Technical Report specifies a written formula to prepare calibration samples for assessing off-flavour (given by benzaldehyde) in a test substance representative of dry food products (icing sugar). Essentially, this is meant to simulate the transfer of off-flavours from paper and board to a dry food product. This Technical Report also specifies how to train the panel in the use of the calibration samples.

Keel en

**prEN 15652**

Identne prEN 15652:2007

Tähtaeg 29.06.2007

**Foodstuffs - Determination of niacin by HPLC**

This draft European Standard specifies a method for the determination of the mass fraction of niacin in foodstuffs by high performance liquid chromatography (HPLC) by three different ways of hydrolysis. Acid hydrolysis (A), enzymatic hydrolysis (B) or acid/alkaline hydrolysis (C). A and B give similar results for niacin. In options A and B niacin is calculated as the sum of nicotinamide and nicotinic acid, and expressed as nicotinic acid [1]. Option C gives higher results than A and B for niacin with non-supplemented cereals, but similar results for other products. In option C, niacin is calculated and expressed as nicotinic acid after transformation of nicotinamide into nicotinic acid [2].

Keel en

**prEN 15662**

Identne prEN 15662:2007

Tähtaeg 29.06.2007

**Foods of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS(/MS) following acetonitrile extraction/partitioning and cleanup by dispersive SPE - QuEChERS-method**

This draft European Standard describes a method for the analysis of pesticide residues in foods of plant origin, such as fruits (including dried fruits), vegetables, cereals and processed products thereof. The method has been collaboratively studied on a large number of commodity/pesticide combinations.

Keel en

**prEN ISO 8534**

Identne prEN ISO 8534:2007

ja identne ISO/DIS 8534:2007

Tähtaeg 30.07.2007

**Animal and vegetable fats and oils - Determination of water content - Karl Fischer method (pyridine free)**

This international Standard specifies a method for the determination of the water content of animal and vegetable fats and oils (hereinafter referred to as fats) using Karl Fischer apparatus and a reagent which is free of pyridine. The fats shall not contain impurities such as alkaline compounds (soaps) and peroxides, which will react with the reagent to produce high results. The determination of water is conducted by adjusting the sample size to have between 1 and 100 mg water for the volumetric titration (this standard) and between 10 µg and 10 mg for the coulometric titration (Annex B of this standard) using Karl Fischer instruments and reagents which have been validated with standard water solutions over the necessary range. For the volumetric determination, a minimum amount of 0,5 ml Karl-Fischer-reagent must be used for the titration.

Keel en

**71 KEEMILINE TEHNOLOOGIA****KAVANDITE ARVAMUSKÜSITLUS****EN ISO 8799:2000/prA1**

Identne EN ISO 8799:1995/prA1:2007

ja identne ISO 8799:1995/DAM 1:2007

Tähtaeg 30.07.2007

**Pindaktiivsed ained. Sulfaatsed etoksüleeritud alkoholid ja alküülfenoolid. Mittesulfaatse aine sisalduse määramine**

Käesolev standard esitab meetodi mittesulfaatse aine sisalduse määramiseks etoksüleeritud alkoholide või alküülfenoolide (alküüloksüetüleensulfaatide ehk etoksüleeritud alkoholsulfaatide) ja alküülfenooloksüetüleensulfaatide ehk etoksüleeritud alküülfenoolsulfaatide sulfaatimise lihtsates neutraliseeritud tarbetoodetes, sisaldusega keskmiselt kuni 20 oksüetüleenrühma molekuli kohta.

Keel en

**prEN 15484**

Identne prEN 15484:2007

Tähtaeg 29.06.2007

**Ethanol as a blending component for petrol - Determination of inorganic chloride - Potentiometric method**

This standard specifies a potentiometric method for the determination of inorganic chloride content in ethanol from 4 mg/l to 30 mg/l.

Keel en

**prEN 15485**

Identne prEN 15485:2007

Tähtaeg 29.06.2007

**Ethanol as a blending component for petrol - Determination of sulphur content - Wavelength dispersive X-ray fluorescence spectrometric method**

This document specifies a wavelength-dispersive X-ray fluorescence (WDXRF) test method for the determination of the sulfur content of ethanol from 7 mg/kg to 20 mg/kg.

Keel en

**prEN 15486**

Identne prEN 15486:2007

Tähtaeg 29.06.2007

**Ethanol as a blending component for petrol - Determination of sulphur content - Ultraviolet fluorescence method**

This document specifies an ultraviolet (UV) fluorescence test method for the determination of the sulfur content of ethanol from 5 mg/kg to 20 mg/kg. Other products may be analysed and higher sulfur contents may be determined according to this test method, however, no precision data for products other than ethanol and for results outside the specified range have been established for this document. Halogens interfere with this detection technique at concentrations above approximately 3 500 mg/kg.

Keel en

**prEN 15487**

Identne prEN 15487:2007

Tähtaeg 29.06.2007

**Ethanol as a blending component for petrol - Determination of phosphorus content - Ammonium molybdate spectrometric method**

This standard specifies a procedure for the determination of phosphorus content measured as orthophosphate, in ethanol from 0,15 mg/l to 1,50 mg/l by ammonium molybdate spectrometric method. The phosphorus content is determined in aqueous solution after dissolution of the evaporation residue of the ethanol sample.

Keel en

**prEN 15488**

Identne prEN 15488:2007

Tähtaeg 29.06.2007

**Ethanol as a blending component for petrol - Determination of copper content - Graphite furnace atomic absorption spectrometric method**

This standard specifies a procedure for the determination of copper content in ethanol from 0,07 mg/kg to 0,20 mg/kg using graphite furnace atomic absorption spectrometry.

Keel en

**prEN 15489**

Identne prEN 15489:2007

Tähtaeg 29.06.2007

**Ethanol as a blending component for petrol - Determination of water content - Karl Fischer coulometric titration method**

This European Standard specifies a method for the direct determination of water in ethanol to be used in gasoline blends. It is applicable to ethanol having water contents in the range 0,02 % (m/m) to 0,5 % (m/m).

Keel en

**prEN ISO 2870 rev**

Identne prEN ISO 2870:2007

ja identne ISO/DIS 2870:2007

Tähtaeg 30.07.2007

**Pindaktiivsed ained. Pesemisvahendid (detergendid). Happe mõjul hüdrolüüsuva ja mittehüdrolüüsuva anioonaktiivse aine määramine**

This International Standard specifies a method for the determination, in detergents, of anionic-active matter hydrolyzable and non-hydrolyzable under acid conditions. This active matter includes alkyl sulfates and hydroxysulfates and alkylphenol and fatty alcohol ethoxysulfates. The mean relative molecular mass of the two types of active matter must be known or previously determined, if their content is expressed as a percentage by mass. If the detergent contains any oxidizing agent, this must be destroyed before the hydrolysis.

Keel en

Asendab EVS-EN ISO 2870:2000

**73 MÄENDUS JA MAAVARAD****UUED STANDARDID****EVS-EN 12407:2007**

Hind 132,00

Identne EN 12407:2007

**Natural stone test methods - Petrographic examination**

This European Standard specifies methods for making technical petrographic descriptions of natural stone, except for roofing slates. For this product, the method for the petrographic examination is defined in EN 12326 –2. Although chemical and physical methods of analysis are required for petrographic classification of some stone types, these methods will not be described in this standard.

Keel en

Asendab EVS-EN 12407:2000

**EVS-EN 14983:2007**

Hind 180,00

Identne EN 14983:2007

**Plahvatuse vältimine ja kaitse allamaakaevanduses. Seadmed ja kaitsesüsteemid kaevandusgaasidest põhjustatud kahjustuste puhuks**

This standard specifies the requirements for equipment and protective systems for firedamp drainage in mines. It also contains requirements for the construction and monitoring of this equipment and protective systems (see EN 1127-2).

Keel en

**ASENDATUD VÕI TÜHISTATUD STANDARDID****EVS-EN 12407:2000**

Identne EN 12407:2000

**Natural stone test methods - Petrographic examination**

This European Standard specifies methods for making technical petrographic descriptions of natural stone.

Keel en

Asendatud EVS-EN 12407:2007

**75 NAFTA JA NAFTATEHNOLOOGIA****UUED STANDARDID****EVS-EN 1426:2007**

Hind 113,00

Identne EN 1426:2007

**Bitumen and bituminous binders - Determination of needle penetration**

This European Standard specifies a method for determining the consistency of bitumen and bituminous binders. Normal procedure is described for penetrations up to 330 mm × 0,1 mm, but for penetrations above this value, up to 500 mm × 0,1 mm, different operating parameters are necessary.

Keel en

Asendab EVS-EN 1426:2000

**EVS-EN 1427:2007**

Hind 113,00

Identne EN 1427:2007

**Bitumen and bituminous binders - Determination of the softening point - Ring and Ball method**

This European Standard specifies a method for the determination of the softening point of bitumen and bituminous binders in the range of 28 °C to 150 °C.

Keel en

Asendab EVS-EN 1427:2000

**EVS-EN 12592:2007**

Hind 84,00

Identne EN 12592:2007

**Bitumen and bituminous binders - Determination of solubility**

This European Standard specifies a method for determining the degree of solubility of bituminous binders, having little or no mineral matter, other than recovered bituminous binders from asphalt mixes, in a specific solvent. Toluene is used as the solvent for referee tests.

Keel en

Asendab EVS-EN 12592:2000

**EVS-EN 12593:2007**

Hind 123,00

Identne EN 12593:2007

**Bitumen and bituminous binders - Determination of the Fraass Breaking Point**

This European Standard specifies a method for determining the Fraass breaking point which measures the brittleness of bitumen and bituminous binders at low temperatures.

Keel en

Asendab EVS-EN 12593:2000

**EVS-EN 12594:2007**

Hind 95,00

Identne EN 12594:2007

**Bitumen and bituminous binders - Preparation of test samples**

This European Standard specifies a method of preparing samples of bituminous binders for the testing of their properties.

Keel en

Asendab EVS-EN 12594:2000

**EVS-EN 12595:2007**

Hind 132,00

Identne EN 12595:2007

**Bitumen and bituminous binders - Determination of kinematic viscosity**

This European Standard specifies a method for the determination of the kinematic viscosity of bituminous binders at 60 °C and 135 °C, in a range from 6 mm<sup>2</sup>/s to 300 000 mm<sup>2</sup>/s. Bituminous Emulsions are not covered within the scope of this method.

Keel en

Asendab EVS-EN 12595:2000

**EVS-EN 12596:2007**

Hind 141,00

Identne EN 12596:2007

**Bitumen and bituminous binders - Determination of dynamic viscosity by vacuum capillary**

This European Standard specifies a method for the determination of the dynamic viscosity of bituminous binders by means of a vacuum capillary viscometer at 60 °C in the range from 0,0036 Pa·s to over 580 000 Pa·s. Bituminous Emulsions are not affected by this method.

Keel en

Asendab EVS-EN 12596:2000

**EVS-EN 12606-1:2007**

Hind 113,00

Identne EN 12606-1:2007

**Bitumen and bituminous binders - Determination of the paraffin wax content - Part 1: Method by distillation**

This European Standard specifies a procedure for determining the paraffin wax content of bitumen and bituminous binder by the DIN method.

Keel en

Asendab EVS-EN 12606-1:2000

**EVS-EN 12607-1:2007**

Hind 123,00

Identne EN 12607-1:2007

**Bitumen and bituminous binders - Determination of the resistance to hardening under influence of heat and air - Part 1: RTFOT method**

This European Standard specifies a method for measuring the combined effects of heat and air on a moving thin film of bitumen or bituminous binder simulating the hardening which a bituminous binder undergoes during mixing in an asphalt mixing plant.

Keel en

Asendab EVS-EN 12607-1:2000

**EVS-EN 12607-2:2007**

Hind 104,00

Identne EN 12607-2:2007

**Bitumen and bituminous binders - Determination of the resistance to hardening under influence of heat and air - Part 2: TFOT Method**

This European Standard describes a method for measuring the combined effects of heat and air on a film of bitumen or bituminous binder, simulating the hardening which a bituminous binder undergoes during mixing in an asphalt mixing plant.

Keel en

Asendab EVS-EN 12607-2:2000

**EVS-EN 12607-3:2007**

Hind 104,00

Identne EN 12607-3:2007

**Bitumen and bituminous binders - Determination of the resistance to hardening under influence of heat and air - Part 3: RFT Method**

This European Standard specifies a method for measuring the combined effects of heat and air on a moving thin film of bitumen or bituminous binder, simulating the hardening which a bituminous binder undergoes during mixing in an asphalt mixing plant.

Keel en

Asendab EVS-EN 12607-3:2000

**EVS-EN ISO 10441:2007**

Hind 246,00

Identne EN ISO 10441:2007

ja identne ISO 10441:2007

**Petroleum, petrochemical and natural gas industries - Flexible couplings for mechanical power transmission - Special-purpose applications**

This International Standard specifies the requirements for couplings for the transmission of power between the rotating shafts of two machines in special-purpose applications in the petroleum, petrochemical and natural gas industries. Such applications are typically in large and/or high speed machines, in services that can be required to operate continuously for extended periods, are often unspared and are critical to the continued operation of the installation. By agreement, it can be used for other applications or services.

Keel en

Asendab EVS-EN ISO 10441:2001

**ASENDATUD VÕI TÛHISTATUD STANDARDID****EVS-EN 1426:2000**

Identne EN 1426:1999

**Petroleum products - Bitumen and bituminous binders - Determination of needle penetration**

This European Standard specifies a method for determining the consistency of bituminous binders. A normal procedure is described for penetrations up to 500 x 0,1 mm, but for penetrations above this value, different operating parameters are necessary.

Keel en

Asendatud EVS-EN 1426:2007

**EVS-EN 1427:2000**

Identne EN 1427:1999

**Petroleum products - Bitumen and bituminous binders - Determination of softening point - Ring and ball method**

This standard specifies a method for the determination of the softening point of pure bitumen, modified bitumen and bitumen mastics, in the range 30 degrees C to 200 degrees C.

Keel en

Asendatud EVS-EN 1427:2007

**EVS-EN 12592:2000**

Identne EN 12592:1999

**Bituumen ja bituumesideained. Lahustuvuse määramine**

This European Standard specifies a method for determining the degree of solubility in a specific solvent, such as toluene or xylene, of bituminous binders, having little or no mineral matter, other than recovered bituminous binders from asphalt mixes. Toluene is used as the solvent for referee tests.

Keel en

Asendatud EVS-EN 12592:2007

**EVS-EN 12593:2000**

Identne EN 12593:1999

**Bitumen and bituminous binders - Determination of the Fraass Breaking Point**

This European Standard specifies a method for determining the brittleness of paving grade bitumen at low temperature.

Keel en

Asendatud EVS-EN 12593:2007

**EVS-EN 12594:2000**

Identne EN 12594:1999

**Bitumen and bituminous binders - Preparation of test samples**

This European Standard specifies a method of preparing samples of bituminous binders for the testing of their properties.

Keel en

Asendatud EVS-EN 12594:2007

**EVS-EN 12595:2000**

Identne EN 12595:1999

**Bitumen and bituminous binders - Determination of kinematic viscosity**

This European Standard specifies a method for the determination of the kinematic viscosity of bituminous binders at 60 degrees D, 80 degrees C and 135 degrees C, in the range from 6 mm<sup>2</sup>/s to 100000 mm<sup>2</sup>/s. Results from the method can be used to calculate dynamic viscosity when the density of the test material is known or can be determined.

Keel en

Asendatud EVS-EN 12595:2007

**EVS-EN 12596:2000**

Identne EN 12596:1999

**Bitumen and bituminous binders - Determination of dynamic viscosity by vacuum capillary**

This European Standard specifies a method for the determination of the dynamic viscosity of bituminous binders by vacuum capillary viscometers at 60 degrees C and 80 degrees C, in the range from 0,006 Pa.s to over 20.000 Pa.s.

Keel en

Asendatud EVS-EN 12596:2007

**EVS-EN 12606-1:2000**

Identne EN 12606-1:1999

**Bitumen and bituminous binders - Determination of the paraffin wax content - Part 1: Method by distillation**

This European Standard specifies a procedure for determining the paraffin wax content of bituminous binders by the DIN method.

Keel en

Asendatud EVS-EN 12606-1:2007

**EVS-EN 12607-2:2000**

Identne EN 12607-2:1999

**Bitumen and bituminous binders - Determination of the resistance to hardening under influence of heat and air - Part 2: TFOT method**

This European Standard specifies a procedure for measuring the combined effects of heat and air on a thin film of bituminous binder. The test is indicated as TFOT i.e. Thin Film Oven Test. It simulates the hardening which a bituminous binder undergoes during mixing in an asphalt mixing plant.

Keel en

Asendatud EVS-EN 12607-2:2007

**EVS-EN 12607-3:2000**

Identne EN 12607-3:1999

**Bitumen and bituminous binders - Determination of the resistance to hardening under influence of heat and air - Part 3: RFT method**

This European Standard describes a procedure for measuring the combined effects of heat and air on a thin film of bituminous binder. The test is indicated as RFT i.e. Rotating Flask Test. It simulates the hardening which a bituminous binder undergoes during mixing in an asphalt mixing plant.

Keel en

Asendatud EVS-EN 12607-3:2007

**EVS-EN 12607-1:2000**

Identne EN 12607-1:1999

**Bitumen and bituminous binders - Determination of the resistance to hardening under influence of heat and air - Part 1: RTFOT method**

This European Standard specifies a method for measuring the combined effects of heat and air on a moving thin film of bituminous binder. The test is indicated as RTFOT i.e. Rolling Thin Film Oven Test. It simulates the hardening which a bituminous binder undergoes during mixing in an asphalt mixing plant. The RTFOT is not applicable to some modified binders or to those whose viscosity is too high for a moving film.

Keel en

Asendab EVS-EN 12607-1:2007

**EVS-EN ISO 10441:2001**

Identne EN ISO 10441:1999

ja identne ISO 10441:1999

**Petroleum and natural gas industries - Flexible couplings for mechanical power transmission - Special purpose applications**

Keel en

Asendatud EVS-EN ISO 10441:2007

**KAVANDITE ARVAMUSKÜSITLUS****prEN ISO 10440-1 rev**

Identne prEN ISO 10440-1:2007

ja identne ISO/FDIS 10440-1:2007

Tähtaeg 29.06.2007

**Petroleum and natural gas industries - Rotary type positive displacement compressors - Part 1: Process compressors (oil-free)**

This part of ISO 10440 specifies requirements for dry and oil-flooded, helical-lobe rotary compressors (see Figure 1) used for vacuum or pressure or both in petroleum, petrochemical, and gas industry services. It is intended for compressors that are in special-purpose applications.

It is not applicable to general-purpose air compressors, liquid-ring compressors, or vane-type compressors.

Keel en

Asendab EVS-EN ISO 10440-1:2001

**prEN ISO 14310 rev**

Identne prEN ISO 14310:2007

ja identne ISO/DIS 14310:2007

Tähtaeg 29.06.2007

**Petroleum and natural gas industries - Downhole equipment - Packers and bridge plugs**

This International Standard provides requirements and guidelines for packers and bridge plugs for use in the petroleum and natural gas industry. This International Standard shall be limited to those products meeting the definition of a packer or bridge plug intended for the petroleum and natural gas industry. In addition, products covered by this International standard apply only to applications within a conduit. Installation and maintenance of these products are outside the scope of this International standard.

Keel en

Asendab EVS-EN ISO 14310:2002

**77 METALLURGIA****UUED STANDARDID****EVS-EN 10292:2007**

Hind 180,00

Identne EN 10292:2007

**Continuously hot-dip coated strip and sheet of steels with higher yield strength for cold forming - Technical delivery conditions**

This European Standard specifies requirements for continuously hot-dip zinc (Z), zinc-iron alloy (ZF), zincaluminium alloy (ZA), aluminium-zinc alloy (AZ) and aluminium-silicon alloy (AS) coated flat products made of steels with higher yield strength for cold forming (see Tables 1 and 3) with thicknesses up to and including 3,0 mm unless otherwise agreed. The thickness is the final thickness of the delivered product after coating. This European Standard applies to strip of all widths and to sheets cut from it ( $\geq 600$  mm width) and cut lengths ( $< 600$  mm width). The products covered by this European Standard are mainly used where cold formability and corrosion resistance for a defined minimum yield strength are the most important factors.

Keel en

Asendab EVS-EN 10292:2000

**EVS-EN ISO 2740:2007**

Hind 113,00

Identne EN ISO 2740:2007

ja identne ISO 2740:2007

**Sintered metal materials, excluding hardmetals - Tensile test pieces**

This International Standard is applicable to all sintered metals and alloys, excluding hardmetals. This International Standard specifies:- the die cavity dimensions used for making tensile test pieces by pressing and sintering, and by Metal Injection Moulding (MIM) and sintering;- the dimensions of tensile test pieces machined from sintered and powder forged materials.

Keel en

Asendab EVS-EN ISO 2740:2000

## **ASENDATUD VÕI TÜHISTATUD STANDARDID**

### **EVS-EN 10292:2000/A2:2005**

Identne EN 10292:2000/A2:2004

#### **Continuously hot-dip coated strip and sheet of steels with higher yield strength for cold forming - Technical delivery conditions**

This European Standard specifies requirements for continuously hot-dip zinc (Z), zinc-alloy (ZF), zinc-aluminium alloy (ZA), aluminium-zinc alloy (AZ) and aluminium-silicon alloy (AS) coated flat products made of steels with higher yield strength for cold forming with thicknesses up to and including 3,0 mm unless otherwise agreed. The thickness is the final thickness of the delivered product after coating. This European Standard applies to strip of all widths and to sheets cut from it (> 600 mm width) and cut lengths (< 600 mm width). The products covered by this European Standard are mainly used where cold formability and corrosion resistance for a defined minimum yield strength are the most important factors.

Keel en

Asendatud EVS-EN 10292:2007

### **EVS-EN 10292:2000**

Identne EN 10292:2000

#### **Continuously hot-dip coated strip and sheet of steels with higher yield strength for cold forming - Technical delivery conditions**

This European Standard specifies requirements for continuously hot-dip zinc (Z), zinc-alloy (ZF), zinc-aluminium alloy (ZA), aluminium-zinc alloy (AZ) and aluminium-silicon alloy (AS) coated flat products made of steels with higher yield strength for cold forming with thicknesses up to and including 3,0 mm unless otherwise agreed. The thickness is the final thickness of the delivered product after coating. This European Standard applies to strip of all widths and to sheets cut from it (> 600 mm width) and cut lengths (< 600 mm width). The products covered by this European Standard are mainly used where cold formability and corrosion resistance for a defined minimum yield strength are the most important factors.

Keel en

Asendatud EVS-EN 10292:2007

### **EVS-EN ISO 2740:2000**

Identne EN ISO 2740:1999

ja identne ISO 2740:1999

#### **Sintered metal materials, excluding hardmetals - Tensile test pieces**

This standard is applicable to all sintered metals and alloys, excluding hardmetals.

Keel en

Asendatud EVS-EN ISO 2740:2007

## **KAVANDITE ARVAMUSKÜSITLUS**

### **prEN 10028-1 rev**

Identne prEN 10028-1:2007

Tähtaeg 30.07.2007

#### **Tasapinnalised terastooted surve all kasutamiseks. Osa 1: Üldnõuded**

This European Standard specifies general technical delivery conditions for flat products for the construction of pressure equipment. The general technical delivery conditions in EN 10021 also apply.

Keel en

Asendab EVS-EN 10028-1:2002

### **prEN 10272 rev**

Identne prEN 10272:2007

Tähtaeg 30.07.2007

#### **Surveotstarbelised roostevabad terasvardad**

This document specifies the technical delivery conditions for hot and cold formed stainless steel bars for the construction of pressure equipment supplied in accordance with one of the process routes and surface finishes listed in Table 5. The general technical delivery conditions in EN 10021 also apply.

Keel en

Asendab EVS-EN 10272:2001

### **prEN 10273 rev**

Identne prEN 10273:2007

Tähtaeg 30.07.2007

#### **Surveotstarbelised keevitatavad määratud kõrgtemperatuuri omadustega kuumvaltsitud terasvardad**

This European Standard specifies the technical delivery conditions for hot rolled bars for the construction of pressure equipments for use at elevated temperatures.

Keel en

Asendab EVS-EN 10273:2000

## **79 PUIDUTEHNOLOOGIA**

### **UUED STANDARDID**

#### **EVS-EN 942:2007**

Hind 151,00

Identne EN 942:2007

##### **Timber in joinery - General requirements**

See standard määrab kindlaks meetodi tiseritöö puidu kvaliteedinäitajate määramiseks ja puidu liigitamiseks välisilme kvaliteedi järgi. Standard kehtib kõigi komplektsete tiseritoodete valmistamisel nagu ukсед, aknad, trepid ja ka tiseritoodete üksikosade kohta. Standard hõlmab täispuidust tappliidetega, servliidetega ja liimpuidust tiseritooteid. Puidu omaduste mõju tugevusele ja vastupidavusele ei ole selles standardis käsitletud. Akende ja ustega seotud eriküsimusi on käsitletud asjaomastes standardites.

Keel en

Asendab EVS-EN 942:2000

## **ASENDATUD VÕI TÜHISTATUD STANDARDID**

### **EVS-EN 942:2000**

Identne EN 942:1996

#### **Puit tiseritöös. Puidu kvaliteedi üldliigitus**

See standard määrab kindlaks meetodi tiseritöö puidu kvaliteedinäitajate määramiseks ja puidu liigitamiseks välisilme kvaliteedi järgi. Standard kehtib kõigi komplektsete tiseritoodete valmistamisel nagu ukсед, aknad, trepid ja ka tiseritoodete üksikosade kohta. Standard hõlmab täispuidust tappliidetega, servliidetega ja liimpuidust tiseritooteid. Puidu omaduste mõju tugevusele ja vastupidavusele ei ole selles standardis käsitletud. Akende ja ustega seotud eriküsimusi on käsitletud asjaomastes standardites.

Keel en

Asendatud EVS-EN 942:2007

## **KAVANDITE ARVAMUSKÜSITLUS**

### **prEN 940 rev**

Identne prEN 940:2007

Tähtaeg 29.06.2007

#### **Puidutöötlusmasinate 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, ketassaega saagimiseks, vertikaalspindliga hõõveldamiseks, puurimiseks (soonimiseks), paksushõõveldamiseks), edaspidi nimetatud "masinad", mis on konstrueeritud täispuidu, puitlaastplaatide, puitkiudplaatide ja vineeri lõiketötluseks ja plastaminaadi või servaplastiga kaetud samade materjalide lõiketötluseks. See Euroopa standard hõlmab kõiki nende masinatega seotud ohutegureid.

Keel en

Asendab EVS-EN 940:1999

## **81 KLAASI- JA KERAAMIKA-TÖÖSTUS**

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **prCEN/TS 15658**

Identne prCEN/TS 15658:2007

Tähtaeg 30.07.2007

#### **Advanced technical ceramics - Mechanical properties of ceramic fibres at high temperature under non-reactive environment - Determination of creep behaviour by the hot end method**

This Technical Specification specifies the conditions for the determination of the tensile creep deformation and failure behaviour of single filaments of ceramic fibres at high temperature and under test conditions that prevent changes to the material as a result of chemical reaction with the test environment. This Technical Specification applies to continuous ceramic filaments taken from tows, yarns, braids and knitted structures, that have strains to failure less than or equal to 5 %.

Keel en

#### **prEN 1007-6 rev**

Identne prEN 1007-6:2007

Tähtaeg 29.06.2007

#### **Advanced technical ceramic - Ceramic composites - Methods of test for reinforcements - Part 6: Determination of tensile properties of filaments at high temperature**

This European Standard specifies the conditions for measurement of tensile properties of single filament of ceramic fibres at high temperature in air or inert atmosphere (vacuum or controlled atmosphere). The method applies to continuous ceramic filaments taken from tows, yarns, staple fibre, braids and knitting, that have strain to fracture less or equal to 5 % and show linear elastic behaviour to fracture.

Keel en

### **prEN 14186 rev**

Identne prEN 14186:2007

Tähtaeg 29.06.2007

#### **Advanced technical ceramics - Mechanical properties of ceramic composites at room temperature - Determination of elastic properties by an ultrasonic technique**

This European Standard specifies an ultrasonic method to determine the components of the elasticity tensor of ceramic matrix composite materials at room temperature. Young's moduli, shear moduli and Poisson coefficients, can be determined from the components of the elasticity tensor. This European Standard applies to ceramic matrix composites with a continuous fibre reinforcement: unidirectional (1D), bidirectional (2D), and tridirectional ( $\times D$ , with  $2 < \times \leq 3$ ) which have at least orthotropic symmetry, and whose material symmetry axes are known.

Keel en

## **83 KUMMI- JA PLASTITÖÖSTUS**

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **prEN ISO 8067 rev**

Identne prEN ISO 8067:2007

ja identne ISO/DIS 8067:2007

Tähtaeg 30.07.2007

#### **Elastsed poorsed polümeerimaterjalid. Katketugevuse määramine**

This International Standard specifies two methods for the determination of the tear strength of flexible cellular polymeric materials.

Method A, using trouser test piece;

Method B, using angle test piece without nick.

Keel en

Asendab EVS-EN ISO 8067:2000

#### **prEN 60454-2**

Identne prEN 60454-2:2007

ja identne IEC 60454-2:200X

Tähtaeg 29.06.2007

#### **Pressure-sensitive adhesive tapes for electrical purposes -- Part 2: Methods of test**

This part of IEC 60454 specifies methods of test for pressure-sensitive adhesive tapes for electrical purposes.

Keel en

Asendab EVS-EN 60454-2:2002

## **85 PABERITEHNOLOOGIA**

### **UUED STANDARDID**

#### **EVS-EN ISO 3037:2007**

Hind 113,00

Identne EN ISO 3037:2007

ja identne ISO 3037:2007

#### **Gofreeritud fiiberpapp. Põiksuunalise katkemistugevuse määramine (vahatamata serva meetod)**

Käesolev rahvusvaheline standard määrab kindlaks meetodi lainelise fiiberkartongi põiksuunalise katkemistugevuse määramiseks. Standard kehtib kõikidele lainelise fiiberkartongi sortidele.

Keel en

Asendab EVS-EN ISO 3037:2000



## **EVS-EN ISO 12625-7:2007**

Hind 141,00

Identne EN ISO 12625-7:2007

ja identne ISO 12625-7:2007

### **Tissue paper and tissue products - Part 7: Determination of optical properties**

This part of ISO 12625 specifies the test methods that shall be used for the instrumental determination of optical properties of tissue paper and tissue products. The various test methods that are available have been or are being developed as ISO International Standards. They are listed and explained in Annex A.

Keel en

Asendab EVS-EN 12625-7:2000

## **ASENDATUD VÕI TÜHISTATUD STANDARDID**

### **EVS-EN 12625-7:2000**

Identne EN 12625-7:2000

#### **Tissue paper and tissue products - Part 7: Determination of optical properties**

This part of EN 12625 specifies the test methods that shall be used for the instrumental determination of optical properties of tissue paper and tissue products.

Keel en

Asendatud EVS-EN ISO 12625-7:2007

### **EVS-EN ISO 3037:2000**

Identne EN ISO 3037:1996

ja identne ISO 3037:1994

#### **Gofreeritud fiiberpapp. Põiksuunalise katkemistugevuse määramine (vahatamata serva meetod)**

Käesolev rahvusvaheline standard määrab kindlaks meetodi lainelise fiiberkartongi põiksuunalise katkemistugevuse määramiseks. Standard kehtib kõikidele lainelise fiiberkartongi sortidele.

Keel en

Asendatud EVS-EN ISO 3037:2007

## **KAVANDITE ARVAMUSKÜSITLUS**

### **prCEN/TR 15645-1**

Identne prCEN/TR 15645-1:2007

Tähtaeg 29.06.2007

#### **Paper and board intended to come into contact with foodstuffs - Calibration of the off-flavour test - Part 1: Odour**

This Technical Report specifies a written formula to prepare calibration samples for assessing odours released by a paper or board sample, and how to train the panel in the use of these calibration samples. The general outline of the testing procedure consists of sensory assessment of the odour samples without formal training by a selected panel, followed by training of the panel, and finally sensory assessment of the odour samples after training by the same sensory panel.

Keel en

### **prCEN/TR 15645-2**

Identne prCEN/TR 15645-2:2007

Tähtaeg 29.06.2007

#### **Paper and board intended to come into contact with foodstuffs - Calibration of the off flavour test - Part 2: Fatty food**

This Technical Report specifies a written formula to prepare calibration samples for assessing off-flavour (given by benzaldehyde) in a test substance representative of fatty food products (coconut oil). Essentially, this is meant to simulate the transfer of off-flavours from paper and board to a fatty food product. This Technical Report also specifies how to train the panel in the use of the calibration samples.

Keel en

### **prCEN/TR 15645-3**

Identne prCEN/TR 15645-3:2007

Tähtaeg 29.06.2007

#### **Paper and board intended to come into contact with foodstuffs - Calibration of the off-flavour test - Part 3: Dry food**

This Technical Report specifies a written formula to prepare calibration samples for assessing off-flavour (given by benzaldehyde) in a test substance representative of dry food products (icing sugar). Essentially, this is meant to simulate the transfer of off-flavours from paper and board to a dry food product. This Technical Report also specifies how to train the panel in the use of the calibration samples.

Keel en

### **prEN ISO 1924-2 rev**

Identne prEN ISO 1924-2:2007

ja identne ISO/DIS 1924-2:2007

Tähtaeg 29.06.2007

#### **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

Asendab EVS-EN ISO 1924-2:2000

### **prEN ISO 7263 rev**

Identne prEN ISO 7263:2007

ja identne ISO/DIS 7263:2007

Tähtaeg 30.07.2007

#### **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

Asendab EVS-EN ISO 7263:2000

## 87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

### UUED STANDARDID

#### **EVS-EN ISO 6504-3:2007**

Hind 113,00

Identne EN ISO 6504-3:2007

ja identne ISO 6504-3:2006

#### **Paints and varnishes - Determination of hiding power - Part 3: Determination of contrast ratio of light-coloured paints at a fixed spreading rate**

This part of ISO 6504 describes methods for determining the opacity (by contrast ratio measurement) given by paint films of white or light colours of tristimulus value greater than 25, applied at a spreading rate of to a black and white chart or to colourless transparent polyester foil. In the latter case, the tristimulus value is measured subsequently over black and white glass panels.

Keel en

#### **EVS-EN ISO 17872:2007**

Hind 141,00

Identne EN ISO 17872:2007

ja identne ISO 17872:2007

#### **Paints and varnishes - Guidelines for the introduction of scribe marks through coatings on metallic panels for corrosion testing**

This International Standard describes methods of scribing coated steel or test-pieces for corrosion tests, where the coating system is applied at dry film thicknesses of less than 500 µm. It is intended as a guideline only, being based on the results of a collaborative trial with no subsequent corrosion testing having been carried out to determine the suitability of the introduced scribe marks for such tests. This International Standard covers the scribing of metallic panels or test pieces made from - steel, - chemically treated steel, - aluminium or aluminium alloy, and - chemically treated aluminium.

Keel en

## 91 EHITUSMATERJALID JA EHITUS

### UUED STANDARDID

#### **EVS-EN 1426:2007**

Hind 113,00

Identne EN 1426:2007

#### **Bitumen and bituminous binders - Determination of needle penetration**

This European Standard specifies a method for determining the consistency of bitumen and bituminous binders. Normal procedure is described for penetrations up to 330 mm × 0,1 mm, but for penetrations above this value, up to 500 mm × 0,1 mm, different operating parameters are necessary.

Keel en

Asendab EVS-EN 1426:2000

#### **EVS-EN 1427:2007**

Hind 113,00

Identne EN 1427:2007

#### **Bitumen and bituminous binders - Determination of the softening point - Ring and Ball method**

This European Standard specifies a method for the determination of the softening point of bitumen and bituminous binders in the range of 28 °C to 150 °C.

Keel en

Asendab EVS-EN 1427:2000

#### **EVS-EN 1997-2:2007**

Hind 358,00

Identne EN 1997-2:2007

#### **Eurocode 7 - Geotechnical design - Part 2: Ground investigation and testing**

EN 1997 is intended to be used in conjunction with EN 1990:2002, which establishes the principles and requirements for safety and serviceability, describes the basis of design and verification and gives guidelines for related aspects of structural reliability.

Keel en

#### **EVS-EN 12407:2007**

Hind 132,00

Identne EN 12407:2007

#### **Natural stone test methods - Petrographic examination**

This European Standard specifies methods for making technical petrographic descriptions of natural stone, except for roofing slates. For this product, the method for the petrographic examination is defined in EN 12326 –2. Although chemical and physical methods of analysis are required for petrographic classification of some stone types, these methods will not be described in this standard.

Keel en

Asendab EVS-EN 12407:2000

#### **EVS-EN 12592:2007**

Hind 84,00

Identne EN 12592:2007

#### **Bitumen and bituminous binders - Determination of solubility**

This European Standard specifies a method for determining the degree of solubility of bituminous binders, having little or no mineral matter, other than recovered bituminous binders from asphalt mixes, in a specific solvent. Toluene is used as the solvent for referee tests.

Keel en

Asendab EVS-EN 12592:2000

#### **EVS-EN 12593:2007**

Hind 123,00

Identne EN 12593:2007

#### **Bitumen and bituminous binders - Determination of the Fraass Breaking Point**

This European Standard specifies a method for determining the Fraass breaking point which measures the brittleness of bitumen and bituminous binders at low temperatures.

Keel en

Asendab EVS-EN 12593:2000

**EVS-EN 12594:2007**

Hind 95,00

Identne EN 12594:2007

**Bitumen and bituminous binders - Preparation of test samples**

This European Standard specifies a method of preparing samples of bituminous binders for the testing of their properties.

Keel en

Asendab EVS-EN 12594:2000

**EVS-EN 12595:2007**

Hind 132,00

Identne EN 12595:2007

**Bitumen and bituminous binders - Determination of kinematic viscosity**

This European Standard specifies a method for the determination of the kinematic viscosity of bituminous binders at 60 °C and 135 °C, in a range from 6 mm<sup>2</sup>/s to 300 000 mm<sup>2</sup>/s. Bituminous Emulsions are not covered within the scope of this method.

Keel en

Asendab EVS-EN 12595:2000

**EVS-EN 12596:2007**

Hind 141,00

Identne EN 12596:2007

**Bitumen and bituminous binders - Determination of dynamic viscosity by vacuum capillary**

This European Standard specifies a method for the determination of the dynamic viscosity of bituminous binders by means of a vacuum capillary viscometer at 60 °C in the range from 0,0036 Pa · s to over 580 000 Pa · s. Bituminous Emulsions are not affected by this method.

Keel en

Asendab EVS-EN 12596:2000

**EVS-EN 12606-1:2007**

Hind 113,00

Identne EN 12606-1:2007

**Bitumen and bituminous binders - Determination of the paraffin wax content - Part 1: Method by distillation**

This European Standard specifies a procedure for determining the paraffin wax content of bitumen and bituminous binder by the DIN method.

Keel en

Asendab EVS-EN 12606-1:2000

**EVS-EN 12607-1:2007**

Hind 123,00

Identne EN 12607-1:2007

**Bitumen and bituminous binders - Determination of the resistance to hardening under influence of heat and air - Part 1: RTFOT method**

This European Standard specifies a method for measuring the combined effects of heat and air on a moving thin film of bitumen or bituminous binder simulating the hardening which a bituminous binder undergoes during mixing in an asphalt mixing plant.

Keel en

Asendab EVS-EN 12607-1:2000

**EVS-EN 12607-2:2007**

Hind 104,00

Identne EN 12607-2:2007

**Bitumen and bituminous binders - Determination of the resistance to hardening under influence of heat and air - Part 2: TFOT Method**

This European Standard describes a method for measuring the combined effects of heat and air on a film of bitumen or bituminous binder, simulating the hardening which a bituminous binder undergoes during mixing in an asphalt mixing plant.

Keel en

Asendab EVS-EN 12607-2:2000

**EVS-EN 12607-3:2007**

Hind 104,00

Identne EN 12607-3:2007

**Bitumen and bituminous binders - Determination of the resistance to hardening under influence of heat and air - Part 3: RFT Method**

This European Standard specifies a method for measuring the combined effects of heat and air on a moving thin film of bitumen or bituminous binder, simulating the hardening which a bituminous binder undergoes during mixing in an asphalt mixing plant.

Keel en

Asendab EVS-EN 12607-3:2000

**EVS-EN 13450:2007**

Hind 208,00

Identne EN 13450:2002+AC:2004

**Raudteeballast**

Standard määratleb selliste raudtee-ehituses kasutatavate täitematerjalide omadused, mis on saadud looduslike ja tehislise materjalide ning korduvkasutuses olevate purustatud sidestamata täitematerjalide töötlemise teel. Käesoleva standardi kontekstis nimetatakse selliseid täitematerjale raudteeballastiks.

Keel et

Asendab EVS-EN 13450:2005

**ASENDATUD VÕI TÜHISTATUD STANDARDID****EVS-EN 772-16:2004**

Identne EN 772-16:2000

**Müürikivide katsemeetodid. Osa 16: Mõõtmete määramine**

Standard spetsifitseerib müürikivide gabariitmõõtmete, väliskesta ja õõnte vaheseinte paksuse ning õõnte sügavuse määramise meetodi.

Keel et

Asendatud EVS-EN 772-16:2004/A1:2004; EVS-EN 772-16:2004/A2:2005

**EVS-EN 1426:2000**

Identne EN 1426:1999

**Petroleum products - Bitumen and bituminous binders - Determination of needle penetration**

This European Standard specifies a method for determining the consistency of bituminous binders. A normal procedure is described for penetrations up to 500 x 0,1 mm, but for penetrations above this value, different operating parameters are necessary.

Keel en

Asendatud EVS-EN 1426:2007

**EVS-EN 1427:2000**

Identne EN 1427:1999

**Petroleum products - Bitumen and bituminous binders - Determination of softening point - Ring and ball method**

This standard specifies a method for the determination of the softening point of pure bitumen, modified bitumen and bitumen mastics, in the range 30 degrees C to 200 degrees C.

Keel en

Asendatud EVS-EN 1427:2007

**EVS-EN 12407:2000**

Identne EN 12407:2000

**Natural stone test methods - Petrographic examination**

This European Standard specifies methods for making technical petrographic descriptions of natural stone.

Keel en

Asendatud EVS-EN 12407:2007

**EVS-EN 12593:2000**

Identne EN 12593:1999

**Bitumen and bituminous binders - Determination of the Fraass Breaking Point**

This European Standard specifies a method for determining the brittleness of paving grade bitumen at low temperature.

Keel en

Asendatud EVS-EN 12593:2007

**EVS-EN 12594:2000**

Identne EN 12594:1999

**Bitumen and bituminous binders - Preparation of test samples**

This European Standard specifies a method of preparing samples of bituminous binders for the testing of their properties.

Keel en

Asendatud EVS-EN 12594:2007

**EVS-EN 12595:2000**

Identne EN 12595:1999

**Bitumen and bituminous binders - Determination of kinematic viscosity**

This European Standard specifies a method for the determination of the kinematic viscosity of bituminous binders at 60 degrees D, 80 degrees C and 135 degrees C, in the range from 6 mm<sup>2</sup>/s to 100000 mm<sup>2</sup>/s. Results from the method can be used to calculate dynamic viscosity when the density of the test material is known or can be determined.

Keel en

Asendatud EVS-EN 12595:2007

**EVS-EN 12596:2000**

Identne EN 12596:1999

**Bitumen and bituminous binders - Determination of dynamic viscosity by vacuum capillary**

This European Standard specifies a method for the determination of the dynamic viscosity of bituminous binders by vacuum capillary viscometers at 60 degrees C and 80 degrees C, in the range from 0,006 Pa.s to over 20.000 Pa.s.

Keel en

Asendatud EVS-EN 12596:2007

**EVS-EN 12606-1:2000**

Identne EN 12606-1:1999

**Bitumen and bituminous binders - Determination of the paraffin wax content - Part 1: Method by distillation**

This European Standard specifies a procedure for determining the paraffin wax content of bituminous binders by the DIN method.

Keel en

Asendatud EVS-EN 12606-1:2007

**EVS-EN 13450:2005**

Identne EN 13450:2002+AC:2004

**Raudteeballasti täitematerjalid**

Standard määratleb selliste raudtee-ehituses kasutatavate täidiste omadused, mis on saadud looduslike ja tehnilike materjalide ning korduvkasutuses olevate purustatud sidestamata täidiste töötlemise teel. Käesoleva standardi kontekstis nimetatakse selliseid täidiseid raudteeballastiks.

Keel et

**EVS-HD 384.7.704 S1:2004**

Identne HD 384.7.704 S1:2000

ja identne IEC 60364-7-704:1989

**Ehitiste elektripaigaldised. Osa 7: Nõuded eripaigaldistele ja paikadele. Jagu 704:****Ehituspaikade paigaldised**

Käesolev standard kehtestab erinõuded järgmistes paikades asuvatele ajutise iseloomuga elektripaigaldistele - uute hoonete ehituspaigad; olemasolevate hoonete remondi- ja parandusega seotud paigad, laiendamis- või lammutuspaigad; tehniliste lahenduste teostuspaigad hoonetes; maandustööde teostamis- ja sarnased paigad.

Keel et

Asendatud EVS-HD 60364-7-704:2007

**KAVANDITE ARVAMUSKÜSITLUS****EN 12737:2004/prA1**

Identne EN 12737:2004/prA1:2007

Tähtaeg 29.06.2007

**Precast concrete products - Floor slats for livestock**

This European Standard specifies the requirements for reinforced and prestressed precast concrete floor slats used in slatted floors for the housing of livestock and provides for the evaluation of conformity of these products. This standard does not cover slats for loadings other than stock and stockmen.

Keel en

**EN 14081-4:2006+A1:2007/prA2**

Identne EN 14801-4:2005/prA2:2007

Tähtaeg 29.06.2007

**Timber structures - Strength graded structural timber with rectangular cross section - Part 4: Machine grading - Grading machine settings for machine controlled systems**

This European Standard gives settings, derived according to the requirements given in EN 14081-2, for various combinations of strength classes or grades, grading machines and species from particular sources of growth. These settings are only applicable to timber from the sources indicated in the tables.

Keel en

**EN 15219:2007/prA1**

Identne EN 15219:2005/prA1:2007

Tähtaeg 30.07.2007

**Water equipment inside buildings - Nitrate removal devices - Requirements for performance, safety and testing**

This European Standard specifies requirements relating to the construction and mode of operation and relevant methods of testing of automatic, salt-regenerated, anion exchange nitrate removal devices for drinking water installations inside buildings which are permanently connected to the mains supply.

Keel en

**prEN 15650**

Identne prEN 15650:2007

Tähtaeg 29.06.2007

**Ventilation for buildings - Duct mounted fire dampers**

This European standard applies to fire dampers that are to be used in conjunction with partitions to maintain fire compartments. This includes dampers that are included in both ducted and un-ducted systems. This standard specifies requirements and gives reference to the test methods defined for fire dampers, which are intended to be installed in general Heating and Ventilating (HVAC) ducts in buildings. To avoid duplication reference is made to a variety of other standards. To this end this standard must be read in conjunction with EN 1366-2 and EN1363 for details of the furnace testing. This standard has not considered in detail the detrimental and or corrosive effects that may be caused by process chemicals present in the atmosphere, which are drawn through the system intentionally or inadvertently.

Keel en

**prEN 15651-4**

Identne prEN 15651-4:2007

Tähtaeg 29.06.2007

**Sealants for joints in building construction - Definitions, requirements and evaluation of conformity - Part 4: Sealants for pedestrian walkways**

This European Standard specifies definitions and requirements for cold applied elastic sealants used for movement joints in floors in building construction for interior and exterior use. Areas of application are: floor joints which have been designed for pedestrian walkways, public areas, movement joints between concrete slabs, areas with pedestrian load, areas which are used with trolleys, walkable floors, balconies, terraces, warehouses. Chemical containment, cold applied joint sealants for concrete pavements to be used in roads, airfields and sewage treatment plants are excluded.

Keel en

**prEN 15651-5**

Identne prEN 15651-5:2007

Tähtaeg 29.06.2007

**Sealants for joints in building construction - Definitions, requirements and evaluation of conformity - Part 5: Evaluation of conformity**

This Part of this European Standard specifies procedures for quality control and evaluation of conformity, including marking and labelling of sealants for joints in building construction according to EN 15651, Parts 1 to 4.

Keel en

**prEN 15659**

Identne prEN 15659:2007

Tähtaeg 29.06.2007

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

This European Standard specifies requirements for light fire storage units providing protection against fire.

The method of test is specified to determine the ability of light fire storage units to protect paper media from the effects of fire. Two levels of fire exposure periods (LFS 30 P and LFS 60 P) are specified using the maximum temperature increase permitted within the storage space of the light fire storage unit. Requirements are also specified for the test specimen, the technical documentation for the test specimen, correlation of the test specimen with the technical documentation, preparation for type testing and test procedures.

Keel en

**prEN 15665**

Identne prEN 15665:2007

Tähtaeg 29.06.2007

**Ventilation in buildings - Determining performance criteria for design of residential ventilation systems**

This document sets out criteria to assess the performance of residential ventilation systems which serve single family, multi family and apartment type dwellings throughout the year. This document specifies ways to determine criteria to be used for design levels in regulations.

These criteria are meant to be applied to:

- mechanically ventilated building (mechanical exhaust, mechanical supply or balanced system);
- passive ducts;
- hybrid system switching between mechanical and natural modes;

Keel en

**prEN ISO 15927-6**

Identne prEN ISO 15927-6:2007

ja identne ISO/FDIS 15927-6:2007

Tähtaeg 29.06.2007

**Hygrothermal performance of buildings - Calculation and presentation of climatic data - Part 6: Accumulated temperature differences (degree days)**

This part of ISO 15927 specifies the definition, method of computation and method of presentation of data on accumulated temperature differences, used for assessing the energy used for space heating in buildings. These are normally expressed in degree-hours or degree-days, and such data are often referred to simply as "heating degree-hours" or "heating degree-days". This part of ISO 15927 includes approximate methods for calculating accumulated temperature differences based on hourly or daily mean temperatures and for estimating monthly values to any base temperature, for use when data computed directly from meteorological air temperature records are not available. In some countries, a threshold temperature different from the base temperature is used. This part of ISO 15927 does not cover this.

Keel en

### **prHD 60364-7-729**

Identne prHD 60364-7-729:2007  
ja identne IEC 60364-7-729:200X  
Tähtaeg 29.06.2007

#### **Low-voltage electrical installations -- Part 7-729: Requirements for special installations or locations - Operating or maintenance gangways**

The requirements of this part of IEC 60364 apply to basic protection and other aspects in restricted access areas with switchgear and controlgear assemblies, including requirements for operating or maintenance gangways.

Keel en

## **93 RAJATISED**

### **KAVANDITE ARVAMUSKÜSITLUS**

#### **EVS 867:2003/A1**

ja identne EVS 867:2003  
Tähtaeg 23.06.2007

#### **Raudtee rakendused. Reisijate ooteplatvormid**

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

Keel et

## **97 OLME. MEELELAHUTUS. SPORT**

### **UUED STANDARDID**

#### **EVS-EN 548:2004/AC:2007**

Identne EN 548:2004/AC:2007

#### **Resilient floor coverings - Specification for plain and decorative linoleum**

Keel en

#### **EVS-EN 15250:2007**

Hind 246,00

Identne EN 15250:2007

#### **Slow heat release appliances fired by solid fuel - Requirements and test methods**

This European Standard specifies requirements relating to the design, manufacture, construction, safety and performance (efficiency and emission) instructions and marking together with associated test methods and test fuels for type testing residential slow heat release appliances fired by solid fuel.

Keel en

#### **EVS-EN 60335-2-24:2003/A2:2007**

Hind 95,00

Identne EN 60335-2-24:2003/A2:2007

ja identne IEC 60335-2-24:2002/A2:2007

#### **Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-24: Erinõuded külmutusseadmetele, jäätise- ja jäävalmistitele**

Deals with the safety of refrigerating appliances for household and similar use; ice-makers incorporating a motor-compressor and ice-makers intended to be incorporated in frozen food storage compartments; refrigerating appliances and ice-makers for use in camping, touring caravans and boats for leisure purposes. The rated voltage being not more than 250 V for single-phase appliances, 480 V for other appliances and 24 V d.c. for appliances when battery operated. These appliances may be operated from the mains, a separate battery or from either the mains or a separate battery. This standard also deals with the safety of ice-cream appliances intended for household use, their rated voltage being not more than 250 V for single-phase and 480 V for other appliances. Compression type appliances for household and similar use, which use flammable refrigerants are also included

Keel en

Keel en

#### **EVS-EN 60335-2-53:2003/A1:2007**

Hind 104,00

Identne EN 60335-2-53:2003/A1:2007

ja identne IEC 60335-2-53:2002/A1:2007

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

#### **Ohutus. Osa 2-53: Erinõuded elektrilistele saunakütteseadmetele**

Deals with the safety of electric sauna heating appliances having a rated power input not exceeding 20 kW, their rated voltage being not more than 250 V for single-phase and 480 V for other appliances. Sauna heating appliances may be of the thermal storage type. This standard does not apply to appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapor or gas); appliances intended to cause perspiration to only one part of the human body; sweating baths where the head of the user remains outside the heated space; tents and other collapsible sauna baths

Keel en

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

Hind 84,00

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 pinnapuhasusteseadmetele, 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

**EVS-EN 60335-2-81:2003/A1:2007**

Hind 73,00

Identne EN 60335-2-81:2003/A1:2007

ja identne IEC 60335-2-81:2002/A1:2007

**Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 2-81: Erinõuded jalasoojenditele ja soojendusvaipadele**

Deals with the safety of electric foot warmers and heating mats for household and similar purposes. The rated voltage being not more than 250 V. Appliances intended to be used by layman in shops, in light industry and on farms are within the scope of this standard

Keel en

**EVS-EN 60335-2-89:2003/A2:2007**

Hind 95,00

Identne EN 60335-2-89:2002/A2:2007

ja identne IEC 60335-2-89:2002/A2:2007

**Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-89: Erinõuded kaubanduses kasutatavatele sisseehitatud või eraldiseisva külmutuskondensaatori või kompressoriga külmutusseadmetele**

Deals with the safety of commercial refrigerators with an incorporated compressor, or split systems supplied in two units for assembly together. Examples are refrigerated display and storage cabinets, service counters, blast chillers. For domestic refrigerators see IEC 60335-2-24. For motor compressors, see IEC 60335-2-34. For commercial vending machines, see IEC 60335-2-75

Keel en

**KAVANDITE ARVAMUSKÜSITLUS****prEN 1509 rev**

Identne prEN 1509:2007

Tähtaeg 29.06.2007

**Playing field equipment - Badminton equipment - Functional and safety requirements, test methods**

This document specifies the functional requirements (see clause 3) and the safety requirements (see clause 4) for badminton equipment, excluding rackets and shuttlecocks. This document is applicable to three types and four classes for indoor standing as well as for indoor wheel chair badminton equipment for competition and training

Keel en

Asendab EVS-EN 1509:2004

**prEN 14682 rev**

Identne prEN 14682:2007

Tähtaeg 30.07.2007

**Lasteriiete ohutus. Nöörid ja paelad lasteriietel. Spetsifikatsioonid**

This European Standard specifies requirements for cords and drawstrings on children's clothing, including disguise costumes and skiwear, up to the age of 14 years. Within the scope of this European Standard it is not possible to cover all potential hazards that may create an unsafe garment. Conversely, identifiable specific hazards in certain styles/design of garment might not present a risk for certain age groups.

Keel en

Asendab EVS-EN 14628:2005

**prEN 50410**

Identne prEN 50410:2007

Tähtaeg 29.06.2007

**Household and similar electrical appliances - Safety - Particular requirements for decorative robots**

This clause of EN 60335-1 is replaced by the following. This European Standard deals with the safety of electric decorative robots for household and similar purposes, including child-appealing and those intended for seasonal use, their rated voltage being not more than 250 V. Appliances not intended for normal household use, but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops and other premises for normal housekeeping purposes, are within the scope of this standard

Keel en

## STANDARDITE TÕLKED KOMMENTEERIMISEL

Selles jaotises avaldame teavet eesti keelde tõlgitavate Euroopa või rahvusvaheliste standardite kohta. Alates veebruarikuust 2004 ei avaldata teavet arvamusküsitluse jaotises eelpool nimetatud standardite kohta, kuna tegemist on varem jõustumisteate meetodil üle võetud standarditega, mille sisu osas arvamust avaldada ei saa. Standardite tõlgetega on võimalik tutvuda EVS standardiosakonnas ja klienditeeninduses [standard@evs.ee](mailto:standard@evs.ee).

### Tõlgete kommenteerimise ja ettepanekute esitamise perioodi lõpp on 01.06.2007

#### **prEVS-EN 15038**

##### **Tõlketeenus. Nõuded teenusele**

Euroopa standard kehtestab tõlketeenuse osutajale täpsed nõuded tööjõu, tehniliste ressursside, kvaliteedi- ja projektijuhtimise, lepingute põhitingimuste ja teenuse osutamise korra kohta. Standard ei kehti suulise tõlke teenuse kohta.

Identne: EVS-EN 15038:2006

#### **prEVS-EN 14388**

##### **Liikluse vähendamise seadmed.**

##### **Spetsifikatsioonid**

Dokument määratleb liikluse vähendamise seadmete toimimise nõuded ja hindamise meetodid. Käesolev dokument hõlmab akustilist, mitteakustilist ja pikaajalist toimimist, kuid mitte aspekte nagu vandalismikindlus ja nõuded välisilmele. Dokument hõlmab ükskõik millisest materjalist valmistatud liikluse vähendamise tooteid. Käesolev dokument ei hõlma teekatteid ega majade õhumüra isolatsiooni.

Identne: EN 14388:2005

#### **prEVS-EN 13808**

##### **Bituumen ja bituumenit sisaldavad sideained. Katioonsete bituumen-emulsioonide määratlemise alused**

Euroopa Standard määrab toimimisomaduste nõuded katioonsete bituumenemulsioonide klassidele, mis sobivad kasutamiseks teede, lennuväljade ja muude kattega alade ehitamiseks ja hooldamiseks. Käesolevat Euroopa standardit kohaldatakse puhta bituumeni või pehmendatud bituumeni või vedeldatud bituumeni emulsioonidele ja polümeermodifitseeritud bituumeni emulsioonidele või polümeermodifitseeritud pehmendatud bituumenile või polümeermodifitseeritud vedeldatud

bituumenile, mis hõlmab ka lateksiga modifitseeritud bituumenemulsioone.

Identne: EN 13808:2005

#### **prEVS-EN 206-1:2002/A1**

##### **Betoon. Osa 1: Spetsifitseerimine, toimivus, tootmine ja vastavus**

Käesolev standard rakendub monoliitsete ja monteeritavate konstruktsioonide ning hoonete ja rajatiste betoonelementide valmistamisel kasutatavale betoonile.

Betoon võib olla platsi-, kauba- või tehases betoonelementide tarbeks valmistatud betoon.

Identne: EN 206-1:2000/A1:2004

#### **prEVS-EN 206-1:2002/A2**

##### **Betoon. Osa 1: Spetsifitseerimine, toimivus, tootmine ja vastavus**

Käesolev standard rakendub monoliitsete ja monteeritavate konstruktsioonide ning hoonete ja rajatiste betoonelementide valmistamisel kasutatavale betoonile.

Betoon võib olla platsi-, kauba- või tehases betoonelementide tarbeks valmistatud betoon.

Identne: EN 206-1:2000/A2:2005

#### **prEVS-HD 60364-4-41**

##### **Madalpingelised elektripaigaldised. Osa 4-41: Kaitseviisid. Kaitse elektrilöögi eest**

Harmoneerimisdokumendi HD 60364 osa 4-41 kirjeldab olulisi nõudeid, mis puudutavad kaitset elektrilöögi eest, sealhulgas inimeste ja kariloomade põhikaitset (kaitset otsepuute eest) ja rikkekaitset (kaitset kaudpuute puhul). See käsitleb ka nende nõuete rakendamist ja omavahelist sobitamist suhetes välistoimetega. Teatud juhtudel on need nõuded lubatud rakendamiseks ka lisakaitseks.

Identne: HD 60364-4-41:2007



**prEVS-EN 13869****Välgumihklid. Välgumihklite lastekindlus. Ohutusnõuded ja katsemeetodid**

Euroopa standard määrab välgumihklite ohutusnõuded. Need nõuded on mõeldud selleks, et muuta standardi sätete alla kuuluvate välgumihklite kasutamine võimatuks 51. kuu vanustele ja noorematele lastele. Käesolev standard kehtib alajaotise 3.1 kohaselt defineeritud välgumihklitele.

Identne: EN 13869:2002

**prEVS-EN ISO 9994****Välgumihklid. Ohutusnõuded**

Standard kehtestab välgumihklitele esitatavad nõuded, mis peavad tagama välgumihklite normaalse kasutamise või põhjendatult etteaimatava väärkasutamise korral nende

mõistliku ohutuse astme. Käesolevas rahvusvahelises standardis toodud ohutusnõuded kehtivad kõikidele leeki tekitavatele toodetele, mida tavaliselt tuntakse sigarettide välgumihklite, sigarite välgumihklite ja piipude välgumihklitena. See ei kehti tikkudele ega ka teistele leeki tekitavatele toodetele, mis on ette nähtud ainult teiste materjalide süütamiseks, mille hulka ei kuulu sigaretid, sigarid ja piibud. Välgumihklid, nagu kõik teised leegiallikad, võivad olla kasutajale ohtlikud. Rahvusvahelises standardis toodud ohutusnõuded ei saa kõrvaldada kõiki ohte, aga selle eesmärgiks on vähendada kõiki võimalikke ohte, mis varitsevad välgumihkli kasutajat.

Identne: EN ISO 9994:2006

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## APRILLIKUUS JÕUSTUNUD JA MÜÜGILE SAABUNUD EESTIKEELSE STANDARDID

### **EVS-HD 60364-4-443:2007**

#### **Ehitiste elektripaigaldised. Osa 4-44: Kaitseviisid. Kaitse pingehäirete ja elektromagnetiliste häirete eest. Jaotis 443: kaitse pikse- ja lülitusliigpingete eest. 123.-**

Eesti standard EVS-HD 60364-4-443:2007 on juulis 2006 ilmunud Euroopa harmoneerimis-dokumendi HD 60364-4-443 "Electrical installations of buildings – Part 4-44: Protection for safety – Protection against voltage disturbances and electromagnetic disturbances – Clause 443: Protection against overvoltages of atmospheric origin or due to switching" tõlge eesti keelde.

HD 60364-4-443 käsitleb elektripaigaldiste kaitset elektrivarustusüsteemi kaudu edasikanduvate pikseliigpingete eest ja lülitusliigpingete eest. Lülitusliigpinged on üldiselt madalamad kui pikseliigpinged ja seetõttu tagavad nõuded kaitsele pikseliigpingete eest tavaliselt ka kaitse lülitusliigpingete eest.

### **EVS-EN 772-16:2007 (konsolideeritud tekst) Müürikivide katsemeetodid. Osa 16: Mõõtmete määramine 113.-**

Eesti standard on Euroopa standardi EN 772-16:2000 + A1:2004 + A2:2005 "Methods of test for masonry units – Part 16: Determination of dimensions" ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard spetsifitseerib müürikivide gabariitmõõtmete, väliskesta ja õõnte vaheseinte paksuse ja kogupaksuse, õõnte sügavuse ning sängituspindade paralleelsuse määramise meetodi.

### **EVS-EN 1729-1:2007**

#### **Mööbel. Haridusasutuste toolid ja laudad. Osa 1: Funktsionaalmõõtmed 162.-**

Eesti standard on Euroopa standardi EN 1729-1:2006 "Furniture – Chairs and tables for educational institutions – Part 1: Functional dimensions" ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standardi EN 1729 osa määrab kindlaks haridusasutustes üldhariduslikel eesmärkidel kasutatavate toolide ja laudade funktsionaalmõõtmed ja märgised. Standard hõlmab nii kindla kõrgusega kui ka

reguleeritavat mööblit ja seistes töötamiseks ettenähtud laudu, mida kasutatakse ilma toolideta.

Standard rakendub mööblile, mida kasutatakse sülearvutitega või portatiivsete seadmetega, kuid mitte eriotstarbelistele töökohtadele, nt laboratooriumid, ridaistmed, töökojad. Standard ei rakendu õppepersonali poolt kasutatavale mööblile.

### **EVS-EN 1729-2:2007**

#### **Mööbel. Haridusasutuste toolid ja laudad. Osa 2: Ohutusnõuded ja katsemeetodid 151.-**

Eesti standard on Euroopa standardi EN 1729-2:2006 "Furniture – Chairs and tables for educational institutions – Part 2: Safety requirements and test methods" ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standardi EN 1729 osa määrab kindlaks haridusasutustes üldhariduslikel eesmärkidel kasutatavate toolide ja laudade ohutusnõuded ja katsemeetodid. Standard ei rakendu arvutiga seotud ja eriotstarbelistele töökohtadele, nt bürood, laboratooriumid, ridaistmed, töökojad ja projekteerimis- ning tehnoloogilised töökohad.

### **EVS-EN 13450:2007**

#### **Raudteeballast 208.-**

Eesti standard on 2002. aasta detsembris avaldatud Euroopa standardi EN 13450:2002 + AC:2004 "Aggregates for railway ballast" ingliskeelse teksti identne tõlge eesti keelde.

Standard määratleb selliste raudtee-ehituses kasutatavate täitematerjalide omadused, mis on saadud looduslike ja tehislake materjalide ning korduvkasutuses olevate purustatud sidestamata täitematerjalide töötlemise teel. Käesoleva standardi kontekstis nimetatakse selliseid täitematerjale raudteeballastiks.

### **EVS-EN ISO/IEC 17021:2007**

#### **Vastavushindamine. Nõuded juhtimissüsteemi auditit ja sertifitseerimist teostavatele asutustele (ISO/IEC 17021:2006) 381.-**

Standard on Euroopa standardi EN ISO/IEC 17021:2006 "Conformity assessment – Requirements for bodies

providing audit and certification of management systems (ISO/IEC 17021:2006)” identne tõlge eesti keelde.

Rahvusvaheline standard sisaldab igat liiki juhtimissüsteemide (näiteks kvaliteedi-juhtimissüsteemid või keskkonnajuhtimissüsteemid) auditi ja sertifitseerimise ning neid

tegevusi teostavate asutuste pädevuse, järjepidevuse ja erapooletuse põhimõtteid ja nõudeid. Käesoleva rahvusvahelise standardiga kooskõlas tegutsevad sertifitseerimisasutused ei pea pakkuma igat liiki juhtimissüsteemide sertifitseerimist.

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