

EESTI STANDARDIKESKUS

# EVS TEATAJA

8,9/2003

Ilmub üks kord kuus alates 1993. aastast



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- EVS AUDIT
- PECA LEPING
- INSTA KOOSOLEKUL
- EUROOPA STANDARDIAKADEEMIAS
- STANDARDITE LEVITAMINE  
ELEKTROONILISEKS

EVS

## **EVS Teataja**

**EESTI STANDARDIKESKUSE**  
igakuine ametlik väljaanne

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Ilmunud tänavate Eesti standard

**Trükk: Eesti Standardikeskus**

# EESTI UUDISED

## TOIMETAJA VEERG

12. augustil Helsingis toimunud INSTA koosolekul osales EVS tegevdirektor Sven Kasemaa. Vt lk 8

Eesti Standardikeskuse esitas avalduse CEN/CLC täisliikmeks saamiseks 20. märtsil 2003. Täisliikmeks saamise tingimuste täitmist kontrollisid 26. - 29. augustil toimunud auditi käigus erapooletud eksperdid John Hussey ja Hans Zürrer. Vt lk 3



**Põllumajandusministri 16. juuni 2003. a määrusega nr 53 kehtestati Aiandustoodete kvaliteedinõuded RTL, 02.07.2003, 78, 1144**

### § 1. Värske puuvilja kvaliteedinõuded

Värske puuvilja kvaliteet peab vastama järgmistele Eesti Vabariigi standarditele:

- 1) õunad ja pirnid – EVS 706:2001, 08.02.2001, muudatus nr 1:2002, 07.01.2003;
- 2) ploomid – EVS 707:2001, 08.02.2001;
- 3) kirsid – EVS 708:2001, 08.02.2001;
- 4) aprikoosid – EVS 781:2001, 08.02.2001;
- 5) avokaadod – EVS 784:2001, 08.02.2001;
- 6) kiivid – EVS 786:2001, 08.02.2001;
- 7) virsikud ja nektariinid – EVS 790:2001, 08.02.2001;
- 8) tsitrusviljad – EVS 794:2002, 08.01.2003;
- 9) banaanid – EVS 805:2001, 05.04.2001;
- 10) kreeka pähklid kestad – EVS 824:2002, 08.01.2003.

### § 2. Värske köögivilja kvaliteedinõuded

Värske köögivilja kvaliteet peab vastama järgmistele Eesti Vabariigi standarditele:

- 1) peakapsas – EVS 683:2001, 12.02.2001, muudatus nr 1:2002, 07.01.2003;
- 2) lillkapsas – EVS 684:2001, 05.04.2001, muudatus nr 1:2002, 07.01.2003;
- 3) rooskapsas – EVS 687:2001, 05.04.2001;
- 4) porgand – EVS 688:2001, 12.02.2001;
- 5) salat – EVS 692:2002, 08.01.2003;
- 6) söögisibul – EVS 694:2001, 12.02.2001, muudatus nr 1:2002, 07.01.2003;
- 7) küüslauk – EVS 695:2001, 12.02.2001;
- 8) porrulauk – EVS 696:2002, 08.01.2003;
- 9) aedhernes – EVS 697:2001, 12.02.2001;
- 10) uba – EVS 698:2002, 08.01.2003;
- 11) kurk – EVS 702:2001, 12.02.2001;
- 12) kabatšokk – EVS 703:2001, 05.04.2001, muudatus nr 1:2002, 07.01.2003;
- 13) tomat – EVS 704:2001, 12.02.2001, muudatus nr 1:2002, 07.01.2003;
- 14) paprika – EVS 705:2002, 08.01.2003;
- 15) arbuus – EVS 782:2001, 14.02.2001;
- 16) artišokk – EVS 783:2001, 14.02.2001;
- 17) baklažaan – EVS 785:2001, 14.02.2001, muudatus nr 1:2002, 07.01.2003;
- 18) melon – EVS 789:2002, 08.01.2003;
- 19) salatsigur – EVS 791:2001, 14.02.2001;
- 20) spargel – EVS 792:2001, 14.02.2001;
- 21) spinat – EVS 793:2001, 14.02.2001;
- 22) varsseller – EVS 795:2001, 14.02.2001.

### § 3. Värskete marjade kvaliteedinõuded

Värskete marjade kvaliteet peab vastama järgmistele Eesti Vabariigi standarditele:

- 1) maasikad – EVS 709:2001, 08.02.2001;
- 2) viinamarjad – EVS 796:2002, 08.01.2003.

### § 4. Lõikelilled ja lillesibulate kvaliteedinõuded

Lõikelilled ja lillesibulate kvaliteet peab vastama järgmistele Eesti Vabariigi standarditele:

- 1) lõikelilled ja lõike-iluroheline – EVS 779:2001, 16.02.2001;
- 2) lillesibulad – EVS 787:2001, 16.02.2001

14. septembri rahvahääletuse eeltoimus augustikuu lõpunädalal Standardikeskuse Euroopa standardiorganisatsioonide CEN/CLC täisliikmeks saamise tingimuste täitmise audit. Auditi tulemused esitatakse CEN/CLC liikmesriikidele otsustamiseks, kas EVS on küps saama nende organisatsioonide täisliikmeks. Auditi tulemused on olulised kogu Eesti riigi jaoks, sest CEN/CLC täisliikmelisus on üheks eeltingimuseks Eesti saamisel EL liikmeks. Kuidas audit läks, saame teada intervjuust auditeeritavatega.

1. augustist 2003 jõustus PECA leping neljas valdkonnas - elektriohutus, elektromagnetiline ühilduvus, liftid ja mänguasjad. Lepingu jõustumisega kadus nendes valdkondades vajadus mitmekordse vastavushindamise järele.

Lugeda saab Põhjamaade standardimisalasele koostööle orienteeritud koostööfoorumi INSTA koosoleku muljetest ning sellest, millest räägiti Euroopa standardiakadeemia seminaril Saksamaal.

Vaatamata suvisele puhkustejale on uute standardite portfell üpris kopsakas. Sealt võib leida isikukaitsevahendite ja tuleohutuse ning ehitusalaseid standardeid. Septembrikuu kaanepilt illustreerib uut linnatänavate projekteerimise standardit. Eesti standardite koguarv on augusti lõpu seisuga 12535.

Anne Laimets  
anne@evs.ee

**Veeuringuid teostavatele katselaboritele esitatavad nõuded ja analüüsi referentmeetodid<sup>1</sup>**

**Keskonnaministri 16. juuni 2003. a määrus nr 53**

Määrus kehtestatakse «Veeseaduse» (RT I 1994, 40, 655; 1996, 13, 241; 1998, 2, 47; 61, 987; 1999, 10, 155; 54, 583; 95, 843; 2001, 7, 19; 42, 234; 50, 283; 94, 577; 2002, 1, 1; 61, 375; 63, 387; 2003, 13, 64; 26, 156) § 12<sup>1</sup> lõike 3 alusel.

1. peatükk

**VEEUURINGUID TEOSTAVATELE KATSELABORITELE ESITATAVAD NÕUDED**

**§ 1. Katselabori pädevus**

Veeuringuid tegevad katselaborid peavad vastama standardis EVS-EN ISO/IEC 17025:2000 esitatud katselaborite pädevuse üldnõuetele, olema akrediteeritud ja sooritanud katselaborite vahelised võrdluskatsed

**Siseministri 29. juuli 2003. a määrusega nr 69 muudeti Siseministri 30. juuni 1998. a määrust nr 19 «Nõuded esmastele tulekustutusvahenditele ja nende vajadus» RTL, 08.08.2003, 91, 1362**

« 3. Tulekustuti peab vastama Eesti standardi EVS-EN 3-1:1998, EVS-EN 3-2:1998, EVS-EN 3-3:1998, EVS-EN 3-4:1998, EVS-EN 3-5:1998, EVS-EN 3-6:1998, EVS-EN 3-6:1998/A 1:1999 ja EVS-EN 1866:1999 nõuetele.»;

**Vabariigi Valitsuse 21. augusti 2003. a korraldusega nr 502-k muudetakse Vabariigi Valitsuse 22. mai 2001. a korralduse nr 326-k «Standardimiskomisjoni moodustamine» RTL, 29.08.2003, 96, 1451**

«Vabariigi Valitsuse seaduse» (RT I 1995, 94, 1628; 1996, 49, 953; 88, 1560; 1997, 29, 447; 40, 622; 52, 833; 73, 1200; 81, 1361 ja 1362; 87, 1468; 1998, 28, 356; 36/37, 552; 40, 614; 107, 1762; 111, 1833; 1999, 10, 155; 16, 271 ja 274; 27, 391; 29, 398 ja 401; 58, 608; 95, 843 ja 845; 2000, 49, 302; 51, 319 ja 320; 54, 352; 58, 378; 95, 613; 102, 677; 2001, 7, 16; 53, 305; 59, 358; 94, 578; 100, 646; 102, 677; 2002, 57, 354; 87, 505; 90, 520; 96, 563; 2003, 4, 22; 21, 122; 51, 349) § 21 lõike 2 ja «Tehnilise normi ja standardi seaduse» (RT I 1999, 29, 398; 2000, 29, 169; 78, 495; 2002, 32, 186; 99, 580) § 9<sup>1</sup> lõike 1 alusel ning kooskõlas Vabariigi Valitsuse 3. aprilli 2001. a määrusega nr 131 «Standardimiskomisjoni moodustamise kord ja töökord» (RT I 2001, 35, 199) muuta Vabariigi Valitsuse 22. mai 2001. a korraldust nr 326-k «Standardimiskomisjoni moodustamine» (RTL 2001, 63, 868; 2002, 22, 296; 2003, 23, 343), arvates standardimiskomisjoni koosseisust välja Siret Neeve.

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## UUED TÖÖTAJAD

Seoses struktuurimuudatusega on Standardikeskuses loodud uus ametikoht - **Info ja turundusosakonna juhataja**, kellena asus 13. augustist 2003 tööle **Meelis Ruustalu**

Sündinud 29.06.1976

Õppinud:

2002 - 2003 Estonian Business School (M.Sc. kraad); Rahvusvaheline turundus

1994 - 2000 Audentese Kõrgem Ärikool (Diplomiõpe); Rahvusvaheline finantsjuhtimine

1982 - 1994 Tallinna 8. Keskkool

Töötanud:

2002 - 2003 Studio3 OÜ - tegevjuht

2000 - 2001 Radiolinja Eesti AS - projektijuht

1998 - 2000 EV Rahandusministeerium - Rahvusliku Fondi koordinaator

Keelteoskus: inglise, vene, soome,

Hobid: Hea kirjandus, sport, reisimine, fotograafia



### Väliskoostöö- ja koolitusjuht



1. septembrist 2003 töötab Standardikeskuses väliskoostöö- ja koolitusjuhina

**Gladys-Margit Vellamaa**

Sündinud 29. 01. 1975

Õppinud:

1982-1993 Tallinna 17. Keskkool, Tallinna 21. keskkool

1993 - 1998 Tallinna Pedagoogikaülikool, inglise filoloogia

Töötanud: 1999 - 2003 Politsei ametis tõlgi ja vaneminspektorina

Keelteoskus: inglise, saksa, vene, soome,

Hobid: giidindus, reisimine, autosõit

## CEN/CLC TINGIMUSTE TÄITMISE AUDIT

26 - 29. augustil viisid Euroopa standardiorganisatsioonide CEN ja CENELEC poolt volitatud sõltumatud eksperdid John Hussey ja Hans Zürrer Eesti Standardikeskuses läbi Euroopa standardiorganisatsioonide täisliikmeks saamise tingimuste täitmise auditi.

Auditi tulemusena valmiv raport esitatakse CEN/CENELEC liikmetele, kes siis otsustavad, kas EVS on valmis saama Euroopa standardiorganisatsioonide võrdväärseks liikmeks. Audiitorid olid seni samasuguseid auditeid läbi viinud ka teistes liituda soovivates riikides - Leedus, Poolas, Sloveenias, Tšehhis, Ungaris.

Tingimusi on üheksa.

Tingimused 1, 2, 3 ja 9 puudutavad õiguslikke aspekte (Euroopa Lepingu olemasolu, seadus-

andlus, standardiorganisatsiooni staatus ja autoriõigus ning standardite levitamine)

Tingimus 4 käsitleb EVS finantsilist valmisolekut oma liikmekohustuste täitmiseks, keskendudes peamiselt rahvusvaheliste ja Euroopa standardiorganisatsioonide liikmemaksude tasumise võimalustele.

Tingimused 5, 6, 7 ja 8 käsitlevad EVSi kui organisatsiooni ja protseduuride olemasolu ning valmisolekut osaleda Euroopa standardite koostamise ning vastuvõtmise protsessides. (hääletus, EN-ide ülevõtt, teavitamine, IT tugi)

Küsisime auditeeritavate muljeid auditi edukuse kohta. Toimetaja küsimustele vastasid EVS tegevdirektor Sven Kasemaa (S.K.) ja standardiosakonna juhataja Raul Juhanson (R.J.).

### 1. Milline neist tingimustest oli kõige raskem täita?

**S.K.** Arvan, et tingimus 7, mis puudutas standardite ülevõtmist, protseduure ning olemasolevate standardite käibelt kõrvaldamise süsteemsust. On ju oluline tagada, et algupäraste standardite vallas oleks arvestatud Euroopa standardite väljatöötamise võimalusega, mis tähendab meile kohustust algupärase standardi kõrvaldamiseks. Harmoneeritud standardite osas peame tagama 100%-lise ülevõtu. Veidi keeruline on statistika ja direktiivi alla käivate harmoneeritud standardite nimekirjade võrdlemine, kuna statistika jaoks vajaminevad perioodid ei ole sageli kättesaadavad.

Palju selgitamist oli ka õigusliku tingimuse ja standardiorganisatsiooni staatuse osas, sest Eestis on seadusandluses väga palju muudatusi ning nendes raske orienteeruda. Organisatsiooni staatuse osas vajab selgitamist Eesti standardimissüsteemi reorganiseerimine 2000. a ning sellega seonduv õiguste ja kohustuste edasine jaotus.

**R.J.** Standardiosakonna jaoks oli juba tingimuste täitmist ette valmistades selge, et kõige keerulisem on olla võrdväärne partner Euroopa suurtele tööstusriikidele rahvusliku konsensusliku arvamuse esitamisel Euroopa standardite ja standardikavandite kohta (tingimus 5). Paljuski on see sõltuv meie majanduse võimsusest, kuid samas peegeldab ka Standardikeskuse juures tegutsevate tehniliste komiteede väikest arvu.

### 2. Millise tingimuse täitmine läks kõige valutumalt?

**S.K.** Kahtlemata tingimus üks, mis käsitles Euroopa Lepingu olemasolu. Seda kas on või ei ole.

**R.J.** Arvan, et tingimus 6 (IT struktuur). Seoses EVSis läbi viidud IT-vahendite "uudenduskuuriga" on meie töövahendid igati hetke tehnikatasemel ning tõenäoliselt mitmes osas paremad kui ka praegustel täisliikmetel. Seoses uue juurutatava standardite andmebaasiga saame hakata neid ressursse täies mahus kasutama ja tõenäoliselt saavad sellest kasu ka väljaspool maja standardimisega tegelevad osapooled (tehnilised komiteed, kliendid jt).

### 3. Millise tingimuse täitmisega jäid audiitorid kõige rohkem rahule?

**S.K.** Kõikide tingimuste osas tuli jagada selgitusi, kuid rahulolematust ei ilmnunud ühegi tingimuse osas. Enim rahulolu võis aimata tingimuste osas, mis puudutasid IT vahendeid ja standardite autoriõiguse kaitsega seonduvat.

**R.J.** Põhimõtteliselt said kõik tingimused täidetud nii, et audiitorid ei vajanud oluliselt lisainfot või nõudnud tõendusmaterjale kohapeal. Kindlasti olid audiitorid, kes näisid IT-vahendeid hästi tundvat, rahul tingimuse 6 täitmisega. Väikesed märkused tehti viirustõrjeprogrammide kasutamise ja tagavarakoopiate säilitamise kohta. Üldiselt olid audiitorid selle punktiga väga rahul ning nimetasid, et ideaalist lahutavad EVS-i vaid tühised ja kergesti parandatavad vead.

### 4. Millise tingimuse osas on EVS-i suurem arenguruum?

**S.K.** arvan, et kõik tingimused on väärt täit tähelepanu ning arenguruumi jagub iga tingimuse osas. Peamine tähelepanu tuleb tulevikus suunata võimalikult efektiivsete (IT) süsteemide väljatöötamisele, mis võimaldaks standardite väljatöötamisprotsessis osalemist selliselt, et enim tähelepanu jaguks prioriteetsetele valdkondadele, ehk siis seal kus Eesti huvitatud osapooltel võib olla sügavam huvi.

**R.J.** Pakun tingimus 4 või tingimus 5 - rahvusliku arvamuse esitamine ja konsensususe saavutamine kohalikul tasandil ja lisavõimalused standardimishuvilistele (uus andmebaas) ning tingimus 7 - Euroopa standardite ülevõtmine, sealhulgas tõlke-meetodil ülevõetavate standardite arvu suurendamine (eriti harmoneeritud standardite osas).

### 5. Kas Te näete EVS töö parendamise võimalusi, mida Te tahaksite lisaks veel välja tuua?

**S.K.** Konkreetsem ja paremini korraldatud standardite tõlkimise protsess. Ressursside kasutamise optimeerimine. Tulude struktuuri mitmekesistamine, uute teenuste leidmine ja väljaarendamine. Intellektuaalse kapitali väärtustamine ning töötajate pidev koolitamine.

**R.J.** Parendamise valdkondi on kindlasti palju. Eelkõige peab EVS parandama info liikumist standardite kasutajate, koostajate ja

standardiorganisatsiooni vahel. Parem infovahetus on kriitilise tähtsusega EVSi edasises arengus ja sellest sõltub EVSi roll Eesti tööstuse toetajana.

#### 6. Kuidas Te ise hindate auditi edukust?

**S.K.** Auditi tulemused saab edukaks lugeda peale audiitorite ja CEN ning CENELEC liikmete hinnangut raportile ning sellega ka EVSile. Kuid meie poolt vaadatuna julgen väita, et andsime endast parima, mis väljendus ka vastastikusel ladusas koostöös audiitoritega ning fakt, et suutsime kinni pidada ajakavast. Auditi edukusele aitas kindlasti kaasa ka teiste riikide standardiorganisatsioonide kogemusega arvestamine ning EVS töötajatele korraldatud sisekoolitus enne auditit.

**R.J. Arvan**, et audit kulges edukalt. Sellele aitas kaasa ka Norra eksperdi Ivar Fossi eelnevalt läbiviidud nn eelaudit, mille tulemusi arvestades valmistasime ette mitu uut dokumenti ja parandasime juba varem esitatud materjale.

AL



## MITMEKORDNE VASTAVUSHINDAMINE POLE ENAM VAJALIK

1. augustil jõustus Euroopa ühenduste ja nende liikmesriikide ning Eesti Vabariigi vahelise assotsieerumislepingu (Euroopa lepingu) tööstustoodete vastavushindamise ja tunnustamise protokoll (PECA). (RT II, 2003, 17). Protokoll eesmärgiks on teatavate tööstustoodete mitmekordse vastavushindamise ja seega tehniliste kaubandustöketega kaotamine.

PECA protokoll alusel tunnustavad teised Euroopa Liidu riigid Eestis teostatud vastavushindamist ning vastupidi. Vastavushindamise protseduur tuleb läbi viia vastavalt Eestis kehtestatud nõuetele. Kui vastavushindamine kord on edukalt juba läbitud, siis ei nõua protokoll pooled vastavate protseduuride kordamist ega kehtesta kõnealuse vastavuse tunnustamise suhtes lisanõudeid.

Vastavushindamine on tunnustatud järgmistes valdkondades:

- elektriõhutusega seotud tööstustoodete vastavushindamine (madalpingeseadmed), mis toimub vastavalt elektriõhutuseseadusele (RT I 2002, 49, 310; 110, 659) ja majandusministri 28. juuni 2002. aasta määrusele nr 33 «Nõuded elektriseadmele ja -paigaldisele ning nende elektromagnetilisele ühilduvusele, nõuetele vastavuse hindamise ja tõendamise kord ja märgistuse ja teabega varustamisele» (RTL, 11.07.2002, 76, 1171);
- elektromagnetilise ühilduvusega seotud toodete vastavushindamine, mis toimub vastavalt elektriõhutuseseadusele ja majandusministri 28. juuni 2002. aasta määrusele nr 33 «Nõuded elektriseadmele ja -paigaldisele ning nende elektromagnetilisele ühilduvusele, nõuetele vastavuse hindamise ja tõendamise kord ja märgistuse ja teabega varustamisele»;
- liftidega seotud vastavushindamine, mis viiakse läbi vastavalt lifti ja köistee ohutuse seadusele (RT I, 19.06.2002, 50, 312) ning majandusministri 1. juuli 2002. aasta määrusele nr 39 «Lifti, alamsüsteemi ja ohutuseseadise nõuetele vastavuse hindamise ja tõendamise kord ning nõuetele vastavuse hindamiseks vajalikud vastavushindamise protseduurid» (RTL, 12.07.2002, 77, 1197) ja majandusministri 1. juuli 2002. aasta määrusele nr 38 «Nõuded liftile, köisteele, alamsüsteemile ja ohutuseseadisele, nende teabega varustamisele ja vastavusmärgi paigaldamisele» (RTL, 12.07.2002, 77, 1196);

- mänguasjadega seotud vastavushindamine, kui see on toimunud kooskõlas Vabariigi Valitsuse 24. jaanuari 2001. aasta määrusega nr 36 «Mänguasja ohutusnõuded ja nõuetele vastavuse tõendamise kord» (RT I, 31.01.2001, 13, 58) ning sotsiaalministri 2. novembri 2000. aasta määrusega nr 72 «Elanikkonnale ja loodusele ohtlike kemikaalide käitlemise piirangud» (RTL, 10.11.2000, 116, 1825), 26. mai 2000. aasta määrusega nr 37 «Ohtlike kemikaalide identifitseerimise, klassifitseerimise, pakendamise ja märgistamise kord» (RTL, 13.07.2000, 78, 1184) ning samuti 8. märtsi 1999. aasta määrusega nr 12 «Ohtlike ainete loetelu kinnitamine» (RTL, 15.03.1999, 39, 508; 39, 509).

Oluline on veel ka PECA protokollis artikkel 8 selle kohta, et protokollis sätteid kohaldatakse tööstustoodetele nende päritolust olenemata - seega ei ole oluline, kus toode on valmistatud kui vastavushindamine on läbi viidud Eestis või mõnes EL riigis, siis on see ka kogu protokolliga hõlmatud territooriumil kehtiv.

Protokollis on võimalik täiendada uute valdkondade toodetega uute siseriiklike õigusaktide vastuvõtmisel.

Infot Eestis tunnustatud vastavushindamise asutuste kohta leiab Eesti Akrediteerimiskeskuse veebilehelt aadressil [www.eak.ee](http://www.eak.ee).

AL

## UUED AUTOKÜTUSE STANDARDID: BIODIISLIKÜTUS JA VEELDATUD NAFTAGAAS

Euroopa Liit pöörab üha suuremat tähelepanu keskkonnasõbralike mootorikütuste ja muude taastuvate energiaallikate kasutamisele transpordis. Kõne all on eeskätt vedelad biokütused, veeldatud naftagaas ning taastuvatest energiaallikatest saadav elektrienergia. Vedelate biokütustena peetakse silmas taimeõli, rasvhapete metüülestreid (FAME), metanooli, metüül-tert-butüületrit (MTBE), etanooli ja etüül-tert-butüületrit (ETBE). Euroopa Liidu huvi põhjuseks pole mitte ainult keskkonnanõuetega seotud kaalutlused, vaid ka vajadus vähendada EL sõltuvust sisseveetavast naftakütusest.

Käesoleva aasta 17. mail jõustus direktiiv 2003/30/EÜ, mis näeb ette biokütuste ja muude taastuvate kütuste kasutuselevõtu edendamise. Vastavalt selle direktiivi artiklile 7 peavad kõik EL liikmesriigid juba 31. detsembriks 2004. a selle rakendamiseks vajalikud normdokumendid jõustama ning sellest Euroopa Komisjonile ette kandma.

Liikmesriigid peavad esitama igal aastal 1. juuliks Komisjonile aruande selle kohta, milliseid meetmeid on biokütuste edendamiseks võetud, milliseid ressursse on selleks rakendatud ja milliseid tulemusi on saavutatud. Direktiiv kehtestab järgmised indikaatiivsed kontrollarvud:

31. detsembriks 2005. a peab igas riigis 2 % transpordis kasutatavast vedelkütusest olema kas biokütus või taastuv kütus ning 31. detsembriks 2010 peab see osa küündima 5,75 %-ni. Kaugemas perspektiivis näeb Euroopa Komisjoni poolt energiavarustuse ohutuse tagamise strateegia kohta välja antud "roheline raamat" ette, et aastaks 2020 peab 20 % kogu maanteetranspordis kasutatavast tavakütusest olema asendatud alternatiivsete kütustega.

Direktiivi 2003/30/EÜ toetavate Euroopa standardite saamiseks andsid Euroopa Komisjon ja Euroopa Vabakaubandusühendus CEN-ile mandaadi. Standardeid töötab välja CEN/TC 19 "Naftasaadused, määrdeained ja nende sidustooted" ning käesoleva aasta juulis avaldati nendest esimene. See on EN 14214.

**EN 14214:2003 Automotive fuels – Fatty acid methyl esters (FAME) for diesel engines – Requirements and test methods.** Standard spetsifitseerib nõuded ja katsemeetodid rasvhappe metüülestritele, mis on ette nähtud kasutamiseks diiselmootorites kas puhtalt või standardi EN 590 nõudeid rahuldava diislikütuse lisandina. Rasvhappe metüülestreid saadakse Euroopas peamiselt rapsi- või päevalilleõlist. Puhtal kujul saab neid kasutada kas spetsiaalselt konstrueeritud või



nende kasutamiseks ümber kohandatud mootorites. Tavalises diiselmootoris saab kasutada kuni 5 % FAME lisandiga diislikütust, millisel juhul kütuse omadused jäävad veel standardiga EN 590 "Autokütused. Diislikütus. Nõuded ja katsemeetodid" ette nähtud piiridesse. Rahvusstandardiks üle võetud EN 14214 peab sisaldama rahvuslikku lisa, milles on sätted proovivõtmise, tankurite märgistamise ja kliimatingimustest olenevate nõuete (külmfiltrimismistumispunkt) kohta. Jõustumisteatega üle võetud Eesti standardil EVS-EN 14214:2003 praegu rahvuslik lisa puudub.

Biodiislikütust kasutatakse suhteliselt palju Saksamaal, kus see praegu on saadaval enam kui 1500 tanklas, mis moodustab ligi 10 % tanklate koguarvust. (D. Bockey, W. Körbitz: Situation and development potential for the production of biodiesel – An international study).

CEN/TC 19 on välja töötanud teisi keskkonnasõbralikke autokütuse standardeid. Üks nendest on EN 589.

**EN 589:2000 Automotive fuels – LPG – Requirements and test methods.** Selle standardi esimene väljaanne avaldati juba 1998. aastal ning kolmas väljaanne on väljatöötamisel. Standard spetsifitseerib nõuded ja katsemeetodid vedelgaasile, mis on ette nähtud spetsiaalselt vedelgaasiga töötamiseks projekteeritud mootorites kasutamiseks. Vedelgaas koosneb peamiselt propaanist ja butaanist ning sisaldab väheses koguses propeeni, buteeni ja pentaane/penteene. Rahvusstandardiks üle võetud EN 589 peab sisaldama rahvuslikku lisa, milles on sätted proovivõtmise, tankurite märgistamise ja kliimatingimustest olenevate nõuete kohta (lenduvusklassid ja talveperioodiks loetav ajavahemik).

See standard on jõustumisteatega üle võetud Eesti standardiks EVS-EN 589:2000 "Autokütused. Veeldatud naftagaasid. Nõuded ja katsemeetodid", millel paraku käesoleval hetkel rahvuslik lisa puudub.

Käesoleva aasta 1. augustil lõppes Euroopa bensiinistandardi EN 228 ja diislikütuse standardi EN 590 uustöötuste hääletamine. Kuigi lõpptulemused pole veel teada, kiidetakse nende standardite kavandid suure tõenäosusega heaks, sest nad arvestavad Euroopa kütusedirektiivi 98/70/EÜ muudatusega COM

(2001) 2421 Final sisseviidavaid nõudeid. Uustöötlustesse sisse viidud muudatused on järgmised.

**prEN 590 "Automotive fuels. Diesel. Requirements and test methods"** lubab lisada diislikütusele kuni 5 % rasvhapete metüülestreid ja annab analüüsimeetodi nende sisalduse kontrollimiseks; rangemaks on muudetud lubatud väävlisisalduse nõue (alates 01.01.2005 on see 350 mg/kg asemel 50 mg/kg; täpsustatakse analüüsimeetodeid ja kehtestatakse nõuded laborite interkalibreerimiseks. Diislikütust, mille väävlisisaldus on väiksem kui 10 mg/kg, loetakse väävlivabaks ja rahvuslikus lisas soovitatakse kehtestada vastavate tankurite eritähistus (kiri "Väävlivaba").

**prEN 288 "Automotive fuels. Unleaded petrol. Requirements and test methods"** piirab bensiini väävlisisaldust (alates 01.01.2005 on see 150 mg/kg asemel 50 mg/kg); piiratakse aromaatsete süsivesinike sisaldust (42 mahu% asemel 35 mahu%); alates 01.01.2005 standardi pliivaba tavabensiini käsitlevad jaotised enam ei kehti; senikaua, kuni tavabensiin on veel kasutusel, tuleb rahvuslikus lisas kehtestada nõue, et selle mootorimeetodil määratud oktaaniarv MON ei tohi olla madalam kui 81,0 (Eesti standardis EVS-EN 228 on see praegu 80,0); täpsustatakse analüüsimeetodeid. Bensiini, mille väävlisisaldus on väiksem kui 10 mg/kg, loetakse väävlivabaks ja rahvuslikus lisas soovitatakse sätestada vastavate tankurite eritähistus (kiri "Väävlivaba").

Pärast seda, kui CEN on EN 590 ja EN 228 uustöötlused avaldanud, peab EVS need kuue kuu jooksul Eesti standardiks üle võtma ning praegu kehtivad EVS EN 590:2002 ja EVS-EN 228:2002 käibelt kõrvaldama.

Sellega seoses ning biodiislikütuse ja veeldatud naftagaasi kasutuselevõtu tagamiseks on 2004. aasta esimese poolaasta riiklikus standardimiskavas ette nähtud kõigi eespool nimetatud standardite ülevõtt.

**Kaido Rajur**

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# KUS KÄIDUD, MIDA NÄHTUD

## PÕHJAMAAD VAHETASID KOGEMUSI

12. augustil 2003 kohtusid Helsingis põhjamaade standardiorganisatsioonide koostööfoorumi INSTA raames Soome (SFS), Rootsi (SIS), Norra (NSF), Taani (DS), Islandi (IST) ja Eesti (EVS) standardiorganisatsioonide direktorid ja presidendid. Kutsutud olid ka Leedu (LST) ja Läti (LVS) kolleegid, kuid nemad kohtumisel ei osalenud.

Direktorid andsid ülevaate standardimisest oma riigis. Peaaegu kõikides riikides on toimunud suured muudatused, nt Rootsis liideti erinevad standardeid koostavad organisatsioonid, Soomes seisab see alles ees. Taani on rahul, et standardimine ja sertifitseerimine on ühe katuse all, Soomes need tegevusalad lahutati, SFS Sertifiontti ühines firmaga Inspecta.

Ivar Jachwits (NSF) sõnul alustas Norras alates 2002 aastast standardite müüki eraldiseisev firma, Pronorm AS. Uue müügiorganisatsiooni tulemustest kokkuvõtet tehes märkis Jachwits, et standardite müük viimasel aastal on vähenenud. Seoses toetuse vähenemisega tööstuselt, loobub NSF ISO/TC 218 "Puit" komitee sekretariaadi pidamisest. Uusi standardeid on välja töötatud kalanduse alal. Alates käesoleva aasta 24. juunist on reorganiseeritud kogu Norra standardimisüsteem, uus loodud standardiorganisatsioon Standard Norge ühendab endas endisi sektororganisatsioone NBR (ehitus), NTS (tehnoloogia), NAS (keskkond) ja NSF (keskorganisatsioon).

Ka Soome standardiorganisatsioonis SFS toimusid muutused. Eraldati sertifitseerimine standardimisest, et paremini kontsentreeruda standardite koostamisele. Nüüd on SFS-is tegevdirektori Pekka Järvineni sõnul 50 - 55 inimest. Selle protsessi otseseks mõjukuks SFS-ile oli sünergia ja kriitilise massi vähenemine. See peegeldub ka SFS finantseerimise vähenemises. Positiivseks pooleks on koostööpartnerite huvi suurenemist SFS finantseerimises osalemiseks.

Ka Soomes on standardite müük vähenenud. Sama tendentsi näitavad sissetulekud keskkonnamärgistusest. 2000. aastal Itaalia, Taani, Rootsi ja Soome standardiorganisatsioonide vahel läbiviidud võrdlushindamise (benchmarking) tulemusena väljatoodud parima

praktika rakendamiseks loodetud standardeid koostavate organisatsioonide liitumist Soomes ei toimunud.

Taani standardiorganisatsiooni (DS) tegevusest andis ülevaate Jacob Holmblad. DS on Taanis sertifitseerimisalal turuliider.

DS finantseerimises on suur osa huvitatud osapooltel, kes maksavad oma tegevuskulud läbi DS standardiosakondade. Oma osa finantseerimises on teadus-, tehnoloogia- ja arendusministeerimil, kellel on leping DS-iga. Osa sissetulekust on riigi subsidiumid, osa moodustab standardite müük ja sertifitseerimine. Tulevikus nähakse ette konverentside organiseerimisest ja konsulteerimisest saadava tulu tõusu (2003 0%, 2004 10%).

DS on rahul, et neil on ühe katuse all standardimine ja sertifitseerimine. Kriitiline mass 130 - 150 inimest annab parema organisatsiooni.

Rootsis (SIS) toimus seitsme sektoriaalse standardiorganisatsiooni ühinemine. SIS tegevdirektor Lars Flink mainis, et see ühendamine tähendas SIS-ile 15 milj SEK kaotust. Eesmärgiks oli kokku hoida 10 % käibest (20 milj SEK), mis ka täideti.

Vastupidiselt Soomele ja Norrale oli aasta 2002 Rootsis parim standardite müügi osas. SIS tõlgib umbes 10 % standarditest, kuid edaspidi peaks see protsent olema suurem. SIS-il on 250 täielikult rahastatavat projekti ja 1300 liiget. Positiivselt märkis hr Flink SIS-i poolt 2002 aastal korraldatud ISO peassambleed Stockholmis.

Islandi standardiorganisatsiooni (IST) tegevdirektor Gudrun Rögnvaldardóttiri sõnul töötab IST-s 9 inimest. Põhilise sissetuleku moodustab unikaalne finantseerimisskeem, kus IST saab väikese protsendi kõikide Islandi töötajate maksudeks makstavatelt tasudelt. Uuteks sissetulekute allikateks on IT projektid. 2003. a uus standardiseadus selgitab paremini IST ja selle sektorkomiteede rolli.

Pr Rögnvaldardóttiri sõnul on müügihitiks ISO 9000 standardid ja käsiraamat.

EVS tegevusest andis ülevaate allakirjutanu.

ISO müüginumbrites on Lars Flink sõnul märgata langust, seetõttu kavandab ISO nii liikmemaksude kui ka standardite müügist saadavate autoritasude tõstmist.

CEN teemadel esines Jacob Holmblad. Ta ütles, et CEN-il esineb haiguse sümptomeid, milleks on: liiga pikk standardite koostamise aeg, surve all olevat majandus, EÜ/EFTA poolt esitatavaid ulatuslikud nõudmised, kasvav väliskonkurents ning CEN profiili laiialivalgustus. Raviks on pakutud uut juhtimissüsteemi, standardite koostamisprotsessi kiirendamist, suhete selgitamist ja tugevdamist EÜ/EFTAGA ning CENi nähtavuse ja avatuse tõstmist.

### CENELEC/IEC

Pr Rõgnvaldardõttiri sõnul ei toimi ISO ja IEC koostöö nõutaval tasemel. IEC-s on vähem liikmeid ja see toimib paremini kui ISO. CLC'il tuleb uus (kallim) liikmemaksude süsteem, hääletus selles osas lõpeb 20. septembril. Näiteks Islandi liikmemaks tõuseb 15 %.

Uueks CENELEC liikmeks on vastu võetud Leedu LST.

Arutati ka põhjamaade ja baltimaade edasist koostööd. Baltimaad peavad otsustama, kas põhjamaad on nende jaoks strateegilised partnerid, huvi korral määratlema ka koostöö alad. Seoses CEN laienemisega on ühiseks huviks väikeriikide arvamuste parem esitamine. Valetati ka maade kogemusi, kuidas aktiveerida äripartnereid standardimises. Kimmo Saarineni arvates on standardimisel enam jõudu ja kõrgem staatus kui 10 aastat tagasi, ent vähem ettevõtteid võtab sellest aktiivselt osa.

Ka Lars Flink loodab osalemise laienemist standardimises ja teadlikkuse suurendamist. Standardimise valgustamine Rootsi tehnilises meedias on hea, parem peaks see olema üldises meedias. Teadlikkuse tõstmise protsess on liiga aeglane.

Järgmine koosolek toimub 2005. a Rootsis.

**Sven Kasemaa**  
EVS tegevdirektor

## EUROOPA STANDARDIAKADEEMIA SEMINAR

Ajavahemikul 11.-12. juuli 2003 toimus Aachenis (Saksamaa) Euroopa Standardiakadeemia (EURAS) järjekorras kaheksas rahvusvaheline standardimisalane seminar. Seminari korraldas Aacheni tehnikakõrgkooli informaatikateaduskond, suure töö tegi ära Kai Jacobs. Seminar oli tõine ning kulges ladusalt. Ettekanded olid sisutihedad, torkas silma esinejate lai geograafia. Üks ettekanne oli isegi Lõuna-Aafrika Vabariigist. Ettekanded avaldati kogumikuna, nende sisuga saab tutvuda Rüigi Infosüsteemide Arenduskeskuses.

### Huvipakkuvamaid tähelepanekuid ettekannetest

- Leiti, et arendusfirmad ei osale standardimises nii aktiivselt, kui nende potentsiaal võimaldaks. Tihti kaitsevad nad oma lahendusi patente ja litsentsidega ning on aktiivsed standardieelses tegevuses foorumite ja liitude loomisel.
- Teenusestandardimises on täheldatavad probleemid: teenindus oma individuaalse lähenemisega ei saa olla alati standardne.

Kuid siiski saavad olla standardsed teeninduse osa-alad, nagu protsessid, ressursid, teenuste tulemuste ja tasemete hindamine, tootemudelid. Samuti on tuntud juhtimiskvaliteedi standardid.

- Väikeste ja keskmise suurusega ettevõtete (SME) osatähtsus Euroopas on väga suur: Euroopas on 20,5 miljonit firmat 122 miljoni töötajaga. SME-d on neist 99,8%, 80 milj töötajaga (66% tööjõust). Alla 10 töötajaga firmasid on 93%, töötajaid on neis kokku 19 miljonit. Euroopa standardimise süsteem teeb tähtsa panuse väike-ettevõtetele. Nii standardimises osalemine, standardite soetamine kui ka rakendamine on nimetatud ettevõtetele probleemiks. Nad vajavad koolitust ja vahendeid.
- Intellektuaalse omandi õiguste (IPR) küsimused on arengumaadele tähtsad: nad peavad looma õiguste kaitse süsteemi, säilitades konkurentsi ja innovatsiooni. Vaba tarkvara kasutusest Hiina näitel tuleb välja, et senine suur piraatlus toetab

kaudselt Microsofti. Intellektuaalomandi kaitse ja standardimisstrateegiate vaheline seos on oluline. Tihti tahetakse omi lahendusi kaitsta, surudes neid standardimisse. Teisalt mitmed tugeva turupositsiooniga firmad ei vaja sellist tuge oma toodete turustamiseks. Mida rohkem patente, seda vähem soovi osaleda ametlikus standardimises. *De facto* standardi positsiooni saavutamiseks on IPR portfelli tähtis relv.

- Avaliku sektori ametiasutuste ja erafirmade efektiivsus muutub võrreldavaks standardite kasutuselevõtu abil. See loob tingimused avaliku sektori ja äriktori koostööks ning finantside tõhusamaks kasutamiseks. Valitsusel on tähtis roll standardiloomes ja standardite jõustamises. Ühiste investeeringutega projektid ja rahvusvaheline koostöö sunnivad standardeid kasutama. Kulutustest saab operatiivse ülevaate, suureneb läbipaistvus (saavad võimalikuks ka väikesed investeeringud, paraneb likviidsus, kuna tehingukulud vähenevad).
- Vahendite leidmisega standardimises osalemiseks on ettevõtetes hetkel küllaltki rasked ajad, tegevuse kasu on raske mõõta. Üldiselt saadakse aru, et standardid on väärtuslikud. Tihti käsitletakse standardimisse panustamist (raha, aeg) kuluna, mitte investeeringuna. Saksa uurimus näitas standardimise otsest suurt kasu, oletatavasti 1/3 majanduslikust kasvust tuleneb standardimisest. Standardimine aitab ettevõtete edule rohkem kaasa, kui patentide ja litsentside soetamine.
- Standardimises on koalitsioonid, võim ja mõjujõud olulise tähtsusega oma ideede läbisurumisel ja kaitsmisel. Võimu kontseptsioon mänguteooriast ja poliitilistest teadustest on kasutatav otsusetegemise mõjutamiseks ka standardimise erinevatel tasemetel.
- Tehnoloogia kiire areng, seda eriti IT vallas, sunnib pealiskaudsusele. Kui toote elutsükkel on kaks aastat ja standardi koostamiseks kulub neli aastat, kes hoolib siis standarditest. Väike grupp domineerivaid firmasid saavad *de facto* oma tahet peale suruda ja omavahel kokku leppida. Kas ka standardimine on veel üks vahend

üleilmastumiseks, domineerimiseks ja turu moonutusteks?

- Sotsiaalsed suhted (vastav võrgustik) aitavad kaasa koalitsioonide loomisele firmade vahel.

Toimus ka tõsiseid filosoofilisi arutlusi. Räägiti Euroopa mitmekultuurilisest rollist, ideaalidest, mudelitest, prototüüpidest ja nende seostest standardimisega. Tähtis on leida standardimisele olemuslikku mõtet ja sisu, luua vastav mudel. Siin tulevad appi innovaatilised sotsiaalkultuurilised süsteemid. Innovatsioon on kui kasutoov süstemaatiline muutus, mis tuleneb meie teadmiste kasvust. Tehniline innovatsioon ja standardimine on omavahel seotud nii horisontaalselt kui vertikaalselt. Neile on teineteist vaja, nad on dialektilises suhtes läbi täiendavuse loogika. Peamiseks jääb siiski sõltuvus kontekstist.

Kokkuvõtteks: standardimises on tõesti palju duaalsust, konflikte ja põnevust. Ühelt poolt on ta arengu katalüsaator, teisalt äraproovitud lahenduste kinnistaja. Mitmekesisuse ja üheaolisuse dilemmale viidatakse tihti. Standardida tuleb vaid olulist, jättes ruumi innovatsioonile. IT vallas on peamine aines liidesed ja ühilduvus/koostöövõimelisus.

Muuseas tehti Eestile austav ettepanek korraldada 2005. a. seminar Tallinnas. See tuleks ka meie IT standardimisalase teadusliku mõtte arengule kasuks.

Seminari vaba hetke tausta lõi ajaloolise ja samas noorusliku (ikkagi neli kõrgkooli) Aacheni kultuurisuve näitus juut Isaaki reisist sajandeid tagasi Aachenist läbi Jeruusalemma Bagdadi ja tagasitulekust sama teed pidi valge elevandiga. Kolm linna, kolm kultuuri, kolm religiooni, pikitud moodsa kunstiga, taustaks raekoja ja toomkiriku ajaloolised võlvid. Aachen on tõesti sobiv paik standardite, tavade ja kommete üle mõtisklemiseks.

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## JUULI- JA AUGUSTIKUU UUED STANDARDID

### **EVS 620-6:2003 Tuleohutus. Tekstiilsed sisustusmaterjalid**

Standard sätestab tekstiilsete sisustusmaterjalide kasutustingimused eri otstarbega ruumides, sõltuvalt materjalide põlemisomadustest.

### **EVS 620-7:2003 Tuleohutus. Ehitusmaterjalid. Põlevus**

Standard sätestab ehitusmaterjalide klassifitseerimise nende põlemisomaduste järgi.

### **EVS 620-8:2003 Tuleohutus. Põrandakattematerjalid. Põlevus**

Standard sätestab põrandakattematerjalide klassifitseerimise nende põlemisomaduste järgi, nõuded neile ja katsemetoodika.

### **EVS 620-9:2003 Tuleohutus. Katusekattematerjalid. Põlevus**

Standard sätestab katusekattematerjalide klassifitseerimise nende põlemisomaduste järgi, nõuded neile ja katsemetoodika.

### **EVS 835:2003 Kinnistu veevärgi projekteerimine**

Standard kehtib kinnistute veevõrkidele, mis on ühendatud linna või asula ühisveevõrgiga või kohaliku veevarustusallikaga.

Kinnistu veevärgi all mõistetakse hoonesisest külma- ja soojaveetorustikku koos toruarmatuuriga, veevarustusseadmeid ja maa-alust veetoru kinnistu piires ning sellest väljapoole kuni peakraanini. Standardi nõudeid tuleb täita nii uue kinnistu veevärgi projekteerimisel, paigaldamisel, katsetamisel kui ka olemasolevate veevõrkide remondil ja ümberehitusel.

### **EVS 839:2003 Sisekliima**

Standard sisaldab hoonete sisekliima parameetritele ja tingimustele esitatavaid nõudeid, mis on määratud elu- ja avalike hoonete projekteerimisel, ekspluaterimisel ja ekspertiiside tegemisel kasutamiseks.

### **EVS 843:2003 Linnatänavad**

Standardit on soovitatav rakendada linnatänavate ja kõigi tiheasustusaladel paiknevate teede ja tänavate projekteerimisel ning nende alade planeeringute koostamisel. Linna äärealadel, kus asustus on hõre ja kus liikluskeskkond eeldatavalt jääb samaseks maantee tingimustega, võib seal paiknevate

teede projekteerimisel lähtuda maanteede projekteerimise normidest.

### **EVS 846:2003 Kinnistu kanalisatsioon**

Standard kehtib kinnistu kanalisatsioonile, mille kaudu reoveed suubuvad linna või asula ühiskanalisatsiooni või veekogusse.

Kinnistu kanalisatsiooni all mõeldakse hoonesisest veeneeludega ühendatud kanalisatsioonitorustikku koos võimalike lisaseadmetega (sulgeseadmed, pumplad, puhastusavad) ja kinnistu piires asuvat õuekanalisatsiooni koos kaevude ja võimalike kohtpuhastitega.

Standardis ei käsitleta tulekustutusveega seonduvat. Standardi nõudeid tuleb täita nii uue kinnistu kanalisatsiooni projekteerimisel, paigaldamisel, katsetamisel kui ka olemasolevate kanalisatsioonisüsteemide ümberehitamisel.

### **EVS 847-1:2003 Ühisveevärk. Osa 1: Veehaarded**

Standard kehtib ühis- või eraveevärgi veehaaretele ning on ette nähtud kasutamiseks veevärgi veeallika valikul, veehaarde tüübi ja asukoha valikul, veehaarde põhisõlmede projekteerimisel ja seadmete valikul ning veeallika ja veehaarde sanitaarkaitsealade projekteerimisel.

### **EVS 847-2:2003 Ühisveevärk. Osa 2: Vee- puhastus**

Standard kehtib ühis- või eraveevärgi veekäitlusele ning on ette nähtud kasutamiseks veevärgi puhastusseadmete tüübi ja asukoha valikul, puhastusseadmete põhisõlmede projekteerimisel ja ehitusel. Lisa B sisaldab soovituslikku abimaterjali projekteerijale.

### **EVS 847-3:2003 Ühisveevärk. Osa 3: Veevärgi projekteerimine**

Standard kehtib ühisveevärgile, sõltumata selle omandivormist ning on ette nähtud kasutada ühisveevärgi, sealhulgas pumplate ja veereservuaaride projekteerimisel, veetorustiku dimensioonimisel ja pumpade ning teiste abiseadmete valimisel. Standard on kasutatav nii uue ühisveevärgi rajamisel kui olemasoleva laiendamisel ja ümberehitamisel. Standardi lisad sisaldavad informatiivset, soovituslikku abimaterjali projekteerijale.

### **EVS 848:2003 Ühiskanalisatsioonivõrk**

Käesolev projekteerimisstandard kehtib hooneväliste isevoolsete kanalisatsioonivõrkude

kohta, s.o hoonekollektorist või sajuvee restkaevust kohani, kus vesi jõuab reoveepuhastisse või suublasse. Hoonealused torustikud ja kollektorid kuuluvad kanalisatsioonivõrgu hulka siis, kui nad ei ole osa kinnistukanalisatsioonist.

### **EVS 1090-2:2003 Teraskonstruksioonide valmistamine Osa 2: Lisanõuded külmpainutatud profiilidele ja profiilplekile**

Standardit tuleb käsitleda standardis EVS 1090-1 antud eeskirju täiendava osana.

Standardi EVS 1090 käesolevas osas tuuakse EVS 1993-1-3 kohaselt I või II klassi kuuluvate teraskonstruksioonide õhukeste külmpainutatud profiilidest elementide valmistamise ja profiilpleki kasutamise erinõuded.

### **EVS 1090-3:2003 Teraskonstruksioonide valmistamine. Osa 3: Lisanõuded kõrgtugevast terasest konstruksioonidele**

Käesolevat standardit tuleb käsitleda standardis EVS 1090-1 antud eeskirju täiendava osana.

Standardis EVS 1090-3 tuuakse lisanõuded kõrgtugevatest terasest S420 ja S460 konstruksioonide valmistamisele ja montaažile.

### **EVS 1090-4:2003 Teraskonstruksioonide valmistamine. Osa 4: Lisanõuded toruprofiilidest konstruksioonidele**

Standardis antavad lisajuhised laiendavad standardi EVS 1090-1 kasutusvaldkonda ka:

- ühte või mitmesse tasapinda paigaldatud sõrestikele;
- osaliselt või täielikult ümar- või nelikanttorudest valmistatud sõrestikele.

EVS 1090-4 on koosõlas EVS 1993-1-1 lisas K (ja ENV 1993-1-1 lisas K) toodud sõrestike sõlmede ja liidete projekteerimisnõuetega.

### **EVS 1993-4-2:2003 Teraskonstruksioonid. Osa 4-2: Vedelikumahutid**

EVS 1993-4-2 rakendub maapealsetele püstsilindrilistele terasmahutitele, mis on ette nähtud järgmiste parameetritega vedelike salvestamiseks:

- a) mahuti siserõhk on piirides -100 mbar kuni +500 mbar;
- b) metalli projekttemperatuur on vahemikus -196 °C kuni +300 °C;
- c) maksimaalne vedelikunivoo pole kõrgem kui projekteeritava mahuti korpuse ülaseriv.

EVS 1993-4-2 puudutab ainult terasmahutite

tugevust ja stabiilsust. Teiste nõuete (näiteks ohutuse, valmistamise, montaaži ja katsetamise, funktsionaalsete nõuete, sissepääsuavade, flanšide, täiteseadmete jms) osas tuleb juhinduda Euroopa standardi kavandist prEN 14015-1.

Seismilise projekteerimise erinõuete eeskirjad on antud Euroopa eelstandardis ENV 1998-4 "Eurocode 8: Design of structures for earthquake resistance – Part 4: Silos, tanks, and pipelines", mis täiendab või kohaldab ENV 1993 ja EVS 1993 eeskirju selles osas.

Raudbetoonvundamente terasmahutite jaoks käsitlevad EVS 1992 ja EVS 1997.

Vedelikumahutite koormuste määramise eeskirjad on toodud käesoleva standardi lisas.

Käesolev standard ei kata:

- ujuvkatuseid ja -katteid,
- vastupanu tulekahjule (vt EVS 1993-1-2).

### **EVS 1995-2:2003 Puitkonstruksioonid**

Standard käsitleb sildade põhikonstruksioonide projekteerimist, mis on tehtud puidust ja teistest puidul põhinevatest materjalidest, monoliitsena või betooni, terase või muu materjali komposiitkonstruksioonina kasutamisel.

### **EVS-EN ISO 6708:2003 Torustikuelemendid. DN (nimiläbimõõdu) määratlus ja valik (ISO 6708:1995)**

Standardis on antud DN (nimiläbimõõdu) määratlus torustiku elementide kohta, nagu seda käsitletakse standardites, milles on kasutatud DN-tähiste süsteemi.

Märkus. Kasutatakse ka teisi läbimõõdu tähistamise viise, näiteks toodetel, mille otste ühendamine toimub keerme-, press-, joote- või keevisliidete abil, või toodetel tähisega NPS (toru nimiläbimõõt), OD (välisläbimõõt), ID (siseläbimõõt), kuid neid käesolevas standardis pole määratletud. Käesolevas standardis on esitatud ka DN eelisarvude rida.

### **EVS-EN 137:2003 Hingamisteede kaitsevahendid. Autonoomne avatud süsteemiga suruõhu-hingamisaparaat. Nõuded, katsetamine, märgistus**

Standard laieneb hingamisteede kaitsevahendina kasutatavatele autonoomsetele avatud süsteemiga suruõhu-hingamisaparaatidele, välja arvatud hädaolukorras väljapääsemiseks ja sukeldumiseks ette nähtud aparaadid. See esitab üksikasjalised miinimumnõuded autonoomsetele avatud süsteemiga suruõhu-hingamisaparaatidele.

Selleks, et hinnata kaitsevahendite vastavust kehtestatud nõuetele, peavad need läbima nii laboratoorsed kui ka praktilised kontrollkatsed. Antud on nõuetele vastavuse hindamiseks vajalike laboratoorsete ja praktiliste kontrollkatsete kirjeldused.

#### **EVS-EN 141:2003 Hingamisteede kaitsevahendid. Gaasifiltrid ja kombineeritud filtrid. Nõuded, katsetamine, märgistus**

Standard käsitleb gaasifiltreid ja kombineeritud filtreid, mis on mõeldud kasutamiseks iseseisvate hingamisteede kaitsevahendite komponentidena. Standard ei käsitle kergkeevate orgaaniliste ühendite eest kaitsvaid AX filtreid, teatud erihendite eest kaitsvaid SX filtreid ja CO filtreid.

Nõuetele vastavuse hindamisel arvestatakse ka laborikatseid.

Mõned antud standardile vastavad filtrid võivad sobida kasutamiseks ka teist tüüpi hingamisteede kaitsevahenditega ning sellest tulenevalt on nad katsetatud ja märgistatud vastavalt vastavatele Euroopa standarditele.

#### **EVS-EN 149:2003 Hingamisteede kaitsevahendid. Lenduvate osakeste eest kaitsvad filtreerivad poolmaskid. Nõuded, katsetamine, märgistus**

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

Selleks, et hinnata kaitsevahendite vastavust kehtestatud nõuetele, peavad need läbima nii laboratoorsed kui ka praktilised kontrollkatsed.

#### **EVS-EN 166:2003 Isiklikud silmakaitsevahendid. Spetsifikatsioonid**

Standard määratleb erinevat tüüpi silmakaitsevahenditele esitatavad funktsionaalsed nõuded ning sisaldab põhilisi kaitsevahenditega seonduvaid aspekte, nagu näiteks:

- tähistused;
- klassifikatsioon;
- kõigi silmakaitsevahendite osas kehtivad põhinõuded;
- mitmesugused eri- ja täiendavad nõuded;
- nõuete jagunemine, katsetamine ja rakendamine;
- märgistamine;
- kasutajale vajalik informatsioon.

Eri tüüpi filterokulaaride osas kehtivad läbistusvõime nõuded on antud eraldi

standardis (vt jaotis 2). Käesolev standard kehtib igat tüüpi isiklike silmakaitsevahendite osas, mida kasutatakse kaitseks erinevate ohutegurite vastu, mis võivad esineda tööstuses, laboratooriumides, haridusasutustes, koduste vahenditega töötamisel jne, ning mis võivad kahjustada silmi või nägemist, välja arvatud tuumakiirgus, röntgenikiired, laserkiired ja madala temperatuuriga infrapunane kiirgus, mida eraldatakse madala temperatuuriga allikad.

Standardis sätestatud nõuded ei kehti selliste silmakaitsevahendite osas, mille kohta on koostatud eraldi ja täiemahulised standardid, näiteks laserkiirguse-vastased silmakaitsevahendid, üldotstarbelised päikesepriidid jne, välja arvatud juhul, kui nimetatud standardid sisaldavad otseselt viidet antud standardile.

Standardis sätestatud nõuded kehtivad ka keevitamisel ja sellega seonduvate protsesside läbiviimisel kasutatavate prillide osas, kuid ei laiene silmade ja näo kaitsevahenditele, mida kasutatakse keevitamisel ja sellega seonduvate protsesside läbiviimisel; vastavad nõuded on ära toodud standardis EN 175. Standard hõlmab ka arsti poolt väljakirjutatud klaasidega varustatud silmakaitsevahendeid. Murdumisjõu tolerantsi ja muid ettekirjutustest lähtuvaid eriomadusi käsitletakse standardites EN ISO 8980-1 ja EN ISO 8980-2.

#### **EVS-EN 340:2003 Kaitseriietus.**

**Üldnõuded** 101.-

Standard sätestab üldnõuded kaitseriietuse ergonoomika, aegumise, märgistuse ja tootja poolt antava informatsiooni kohta.

#### **EVS-EN 420:2003 Üldnõuded kinnastele**

Standard määratleb kõigi kaitsekinnaste ergonoomika, kinnaste materjali, hea nähtavuse, ohutuse, puhastamise, mugavuse ja efektiivsuse, tähistamise ja lisainformatsiooni osas kehtivad üldised nõuded.

Standard hõlmab ka alaliselt kaitseruumides hoitavaid kindaid.

Standard ei laiene järgmist tüüpi kinnastele:

- a) elektrikukindad (vt EN 60903);
- b) meditsiinis kasutatavad kindad (vt EN 455).

#### **EVS-EN 554:2003 Meditsiiniseadmete**

**steriliseerimine. Niiske kuumusega steriliseerimise valideerimine ja rutiinkontroll**

Standard määratleb nõudmised *meditsiiniseadmete niiske kuumusega* steriliseerimise protsessi

teostamisele, *valideerimisele*, protsessi kontrollimisele ja jälgimisele.

Kasutatud meetod põhineb füüsikaliste tegurite jälgimisel, mis tagavad toote steriilsuse ja eeldab, et enne *valideerimist* vastavad kasutatav sterilisaator ja selle paigaldamine eeskirjadele.

Standard ei kirjelda kvaliteeditagamise süsteemi, mis on vajalik tootmise kõikide faaside ohjamiseks. Standard ei käsitle näidiste rutiintestimist (steriilsuse katsetused) ega *bioloogiliste indikaatorite* kasutamist, kuna need võtted on niiske kuumusega steriliseerimisel piiratud väärtusega, välja arvatud piiratud arv spetsiaalseid rakendusi. Selliste spetsiaalrakenduste korral tuleb neid vaadelda indikaatoritena füüsikaliste parameetrite mõõtmise kõrval.

#### **EVS-EN 12525:2003 Põllumajandusmasinad. Lauplaadurid. Ohutus**

Standard esitab ohutusnõuded ja nende kontrollimise meetmed põllu- ja metsamajanduslikele ratastraktoritele (nagu määratletud direktiivis 74/150/EMÜ) paigaldatavate lauplaadurite projekteerimiseks ja valmistamiseks.

Hõlmatud on ohud, mis seonduvad tõstehaarade paigaldamisega traktorile kinnitatud raami külge, samuti ka tööseadiste nendele haaradele paigaldamise seadistega seonduvad ohud.

Välja on jäetud ohud, mis seonduvad raami paigaldamisega traktorile (tehakse laaduri ja/või traktori tarnija poolt), paigaldatud liseseadmetest ning konstruktsiooni mehaanilise tugevuse kaotusest tulenevad ohud.

Välja on jäetud ohud, mis seonduvad töödega ja/või liseseadmetega ja mis nõuavad inimese viibimist lauplaaduri läheduses selle liikumise ajal. Hõlmatud ei ole inimeste edasi toimetamisega seotud ohud.

Käesolev standard kirjeldab lauplaaduritele iseäralike ohtude kõrvaldamise või vähendamise võtteid ja nõudeid. Lisaks esitab see tootja poolt antava ohutute töötamisviiside näidisteabe (tüüpteabe). 146.-

Käesolev standard kehtib peamiselt nendele masinatele, mis on toodetud pärast selle standardi väljaandmise kuupäeva.

## **VÄIKE- JA KESKMISTE ETTEVÖTETE UUS MÄÄRATLUS**

Väikesed ja keskmise suurusega ettevõtted moodustavad Euroopa majanduse selgroo, neid on 99 % ettevõtetest 75 miljoni töökohaga.

Euroopa Komisjon võttis kasutusele uue väikeste ja keskmise suurusega ettevõtete definitsiooni, mis astub jõusse 1. jaanuarist 2005.

Ettevõtted jagunevad selle järgi:

Mikro: < 10 inimest, käive < 2 miljonit eurot, bilanss < = 2 miljonit eurot

Väike: < 50 inimest, käive < 10 miljonit eurot, bilanss < = 10 miljonit eurot

Keskmine: < 250 inimest, käive < 50 miljonit eurot, bilanss < = 43 miljonit eurot

## **KVALITEET**

### **ISO kaasajastab juhiseid ISO 9001 ja ISO 14001 sertifitseerimise reklaami kohta**

Kasutades ISO uuendatud juhiseid oma kvaliteedi- ja/või keskkonnajuhtimissüsteemi sertifitseerimise reklaami kohta väldite kahetsusväärseid möödalaskmisi, eksitavaid ja segadusttekitavaid avaldusi, mis tekitavad vastupidiselt sellele, mida tahate oma partneritele, klientidele ja üldsusele reklaamida hoopis usalduse vähenemist teie organisatsiooni vastu. Need juhised on abiks reklaamimaterjalide, pressiteadete ja avalduste koostamisel, turundubrošüüride, videote, logode, sloganite jne väljaandmisel.

Uued juhised on koostatud arvesse võttes ISO 9001:2000 standardit. ISO 9001 ja ISO 14001 järgset sertifitseerimismärki ei panda tootele ega selle pakendile, sest see ei ole toote vastavusmärk.

*Publicizing your ISO 9001 or ISO 14001 certification* on tasuta saadaval ainult ISO kodulehel [www.iso.org](http://www.iso.org).

Paberikandjal trükivariant ilmub 2003. a lõpuks.



**ISO ülevaade näitab ISO 9000 ja ISO 14001 järgse sertifitseerimise jätkuvat kasvu**  
ISO teeb juba 12. korda ülevaadet kvaliteedi- ja keskkonnajuhtimissüsteemide sertifitseerimisest. Andmeid selle kohta saadakse rahvuslikest standardiorganisatsioonidest, akrediteerimis- ja sertifitseerimisasutustest. Ülevaade ei pretendeeri täielikule täpsusele, sest andmeesitajate kvaliteet ja kvantiteet on väga kõikov. Seetõttu esineb maade lõikes küllalt palju vigu. Siiski näitab ülevaade küllalt selgeid tõusutrende.

ISO 9000 (kvaliteet) ja ISO 14001 (keskkond) järgi on kogu maailmas sertifitseeritud 611 209 juhtimissüsteemi võrreldes aastataguse 547 381-ga.

#### **ISO 9000**

159 riigis on 2002. detsembri seisuga välja antud 561 747 standardile ISO 9000 vastavat kvaliteedisüsteemi sertifikaati. Suurim kasv on olnud Hiinas (+17972), Itaalias (13103), Hispaanias (10941), Jaapanis (6579), Ungaris (2892), Tšehhi Vabariigis (2862), Indias (2556), USA (1901), Singapur (1866) ja Šveits (1694).

#### **ISO 9001:2000**

Kõigist ISO 9000 sertifikaatidest on 167 210 välja antud ISO 9001:2000 järgi. 2000. a uustöötuse järgi välja antud sertifikaatide esikümme on riikide lõikes järgmine: Hiina (40997), Jaapan (16813), Itaalia (14733), Saksamaa (10811), Ühendkuningriigid (9301), Hispaania (8872), Austraalia (7024), Prantsusmaa (6529), Šveits (5060) ja USA (4587).

#### **ISO 14001:1996**

Kuni 2002. a lõpuni on 118 riigis välja antud 49 462 ISO 14001 sertifikaati. 12697 rohkem kui 2001. a lõpuks, mil neid oli 36765.

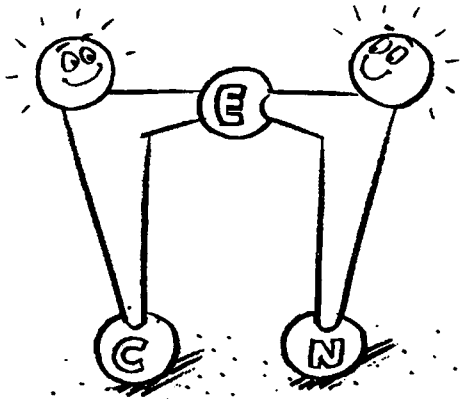
Esikümme keskkonnajuhtimissertifikaatide väljaandmise osas on Jaapan (+2479), Hiina (1718), Hispaania (1164), Itaalia (858), Rootsi (660), Brasiilia (550), Prantsusmaa (375), Saksamaa (320) ja Ungari (300).

#### **Ülevaade sisaldab andmeid ISO 9000 ja ISO 14001**

- Sertifikaatide üldarvu maailmas, piirkondade ja maade lõikes
  - Sertifikaatide arvu maailmas tööstussektorite lõikes
  - Lisaks esikümnele on toodud ka maad, kus sertifitseerimine toimus esmakordselt jne
- Lähemalt saate ülevaatega tutvuda tasuta ISO veebilehel [www.iso.org](http://www.iso.org)

## **CEN UUDISED**

### **CEN kavandite/standardite levitamine ainult elektrooniliseks**



BSI on mitme aasta jooksul lepingu alusel edukalt levitanud Euroopa standardikavandite ja ratifitseeritud standardite tekste paber kandjal. Alates juunist 2003 ei saa CEN täisliikmed standardeid/kavandeid paber kandjal. Kuna elektrooniline levitamine on läinud edukalt, otsustas CEN Keskus lõpetada trükitud standardite saatmise ka liitunud liikmetele, need saadetakse ainult CD-ROMil. Kui liitunud liikmetel on siiski soov saada trükitud standardeid, saab neid ka edaspidi BSI-st, seda aga ainult vastava tasu eest.

### **ECOS on uus CEN assotsieerunud liige**

CEN uus assotsieerunud liige on alates 1. juulist 2003 *ECOS European Environmental Citizens Organisation for Standardization*. Seega on CEN-il nüüd kaheksa assotsieerunud liiget.

Lisaks eelnimetatule on assotsieerunud liikmed veel:

*ANEC European Association for the co-operation of consumer representation in standardization;*

**CECIMO** *European Committee for Co-operation of the Machine Tool Industries*; **CEFIC** *European Chemical Industry Council*; **EUCOMED** *European Confederation of Medical Devices Associations*; **FIEC** *European Construction Industry Federation*; **TUTB** *European Trade Union Technical Bureau for Health and Safety*; **NORMAPME** *European Office of Crafts, Trades and Small and Medium-sized Enterprises for Standardization*.  
ECOS on koalitsioon neljast Euroopa keskkonnaorganisatsioonist ja seitsmest rahvuslikust organisatsioonist, mis on loodud Euroopa keskkonnaalaste standardite kasutamise edendamiseks.

#### **CEN CMC standardiosakond sai ISO 9001 sertifikaadi**

CEN CMC standardiosakond (The Standards Management Department of the CEN Management Centre) sai hiljuti standardile ISO 9001 vastava kvaliteedijuhtimissüsteemi sertifikaadi.

#### **Tulemas brošüür Euroopas kasutatavate vastavusmärkide kohta**

Euroopas on kasutusel väga mitmesuguseid märke ja märgiseid, mida võib leida toodetelt või pakenditelt ning milles orienteerumine on küllalt keerukas. Märgistamise teema on tõusnud uuesti päevakorda seoses "keymark"i e võtmemärgi uue reklaamikampaaniaga. Võtmemärk ei ole uus, juba kaheksakümnendatel pakkus CEN CENCER märki termostaatiliste radiaatoriventilide ühtse vastavusmärgina.

CEN valmistab ette brošüüri Euroopas kasutatavate vastavusmärkide kohta, mis plaani järgi ilmub neljandas kvartalis

Brošüüris leiavad käsitlemist

toote vastavusmärgid (spetsifikatsioonile)  
kvaliteedimärgid  
ohutusmärgid  
kaubamärgid ja logod

keskkonnamärgid  
registreerimissümbolid  
ametlikud märgid  
piktogramm

#### **Ehitiste energiaga varustamise- ja ohutusnõuded ning direktiiv 2002/91/EÜ**

Uus direktiiv koostati direktiivi 93/76/EMÜ (nn Säästudirektiiv) asemel, mis andis loodetust vähem kasu. Uut direktiivi on täiendatud uute nõuetega, seega vastaksid ka toodete ja süsteemide Euroopa standardid enam tööstuse ja tarbijate nõuetele Euroopa siseturul. Direktiivi eesmärgiks on ehitiste energiasäästlikkuse parandamine vastavalt kohalikele oludele ja väliskliimale ning samuti ruumide sisetemperatuurile ja kulude efektiivsusele. Direktiivi nõuete riikide õigusaktidesse sisseviimise tähtaeg on 4. jaanuar 2006.

#### **Esimesed viited CWAdele Official Journal'is**

Euroopa ühenduse Ametlikus Teatajas avaldati viited kolmele seminarikokkuleppele CWA (CEN Workshop Agreements) seoses direktiiviga 1999/93/EÜ (OJ, 2003L 175/45):

*CWA 14167-1 Security Requirements for Trustworthy Systems Managing Certificates for electronic Signatures. Part 1: System Security Requirements*

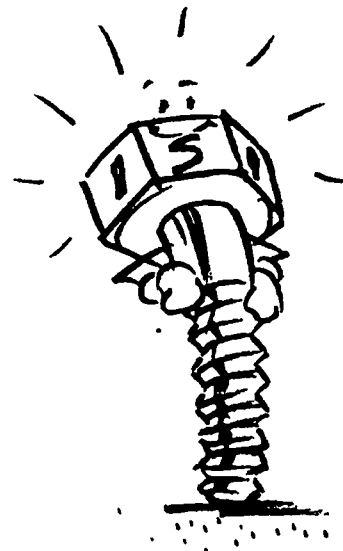
*CWA 14167-2 Security Requirements for Trustworthy Systems Managing Certificates for electronic Signatures. Part 2: Cryptographic Module for CSP Signing Operations. Protection Profile (MCSO-PP)*

*CWA 14169 Secure Signature. Creation Devices*

## **ISO UUDISED**

#### **ISO hakkab alates uuest aastast levitama rahvusvahelisi standardeid ainult elektrooniliselt**

Nõukogu resolutsiooni 8/2002 alusel on alates 2003. a lõpust ISO standardid ja ISO Kesks sekretariaadi trükised saadaval elektrooniliselt ISO Kesks sekretariaadist standardite serveri (ISOSTD) kaudu ISO liikmetele kinnitatud paroolide alusel. 132 liikmest omavad ISO standardite serverile juurdepääsu 98 liiget. Paberkandjal koopiaid saab osta ainult vastava tasu eest.



### **Kuidas kaitsta ISO kaubamärki**

1999. a oktoobris moodustas ISO president prof. Giacomo Elias töörühma, kes hakkas tegelema ISO kaubamärgi kaitse küsimustega.

Selleks ajaks olid saagenenud ISO kaubamärgi väärakasutamise juhtumid, seda eriti sertifitseerimisasutuste poolt, mis kahjustavad ISO imago ja ühtsust.

ISO peasekretär juhtis tähelepanu, et nii Kesksretariaat kui ka ISO liikmed peavad aktiivsemalt kaitsma ISO kaubamärki ja võtma tarvitusele abinõud selle vale kasutamise korral eraõiguslike sertifitseerimisasutuste poolt, seda nii kvaliteedijuhtimissüsteemide kui ka toote sertifitseerimise korral ISO standardite järgi.

2001. a teise kvartali jooksul tegi ISO Kesksretariaat ülevaate ISO kaubamärgi kaitse kohta. Selgus, et ISO kaubamärk on kaitstud vaid 38 riigis.

Vastavalt ISO strateegiale aastateks 2002 - 2004 on üheks tähtsamaks strateegiliseks eesmärgiks ISO imago, ühtsuse ja intellektuaalse omandi kaitse.

Nüüd avaldas ISO vastavad juhised.

### **Uued ISO 9000 juhised**

**ISO 10006:2003 Quality management systems -- Guidelines for quality management in projects** annab juhiseid projektide kvaliteedijuhtimiseks. Rakendatav erinevate projektide korral olenemata sellest, kas need on suured või väikesed, lühi- või pikaajalised, olenemata projektide keskkonnast ja sellest, milline toode või protsess on projektiga hõlmatud. Standard on inglise keeles. Standard ei saa kasutada sertifitseerimise eesmärgil.

**ISO 10007:2003 Quality management systems - Guidelines for configuration management**

Standard annab juhiseid konfiguratsiooni juhtimiseks organisatsioonides toodete toetuseks alates selle kontseptsioonist kuni realiseerimiseni. See sätestab kohustused ja õigused konfiguratsiooni planeerimisel, identifitseerimisel, muudatuste juhtimisel ja auditil. Standard on inglise keeles. Standard on juhenddokument ja seetõttu ei saa seda kasutada sertifitseerimise eesmärgil.

### **Lapsesõbraliku pakendi standard aitab vähendada mürgistusjuhtumeid**

Väikelastel on suur risk neelata kodumajapidamises kasutatavaid ohtlikke tooteid, kui nende pakendid ei ole suletavad nii, et väikelapsed neid lihtsalt avada ei saa. ISO uus standard aitab seda probleemi vältida nn lapsekindla pakendi kasutamise teel.

ISO 8317:2003 *Child resistant packaging. Requirements and testing procedures for reclosable packages* aitab enne toote turule laskmist katsetada, kas toote (nt ravimid, vedelike ja lahustite, mitmete aiakemikaalide jne) pakend on kindlalt suletav ja väikelaps ei saa seda eksikombel avada.

Näiteks Ühendkuningriikide Kaubandus- ja tööstusosakonna andmetel toimub üks kahekümne viiest vedeliku või tahke ohtliku ainega mürgitusest alla neljaastaste lastega moodustade 1999. a Inglismaal 28788 mürgistusjuhtu.

### **Uued juhendid standardite koostajatele tooteinfo ja pakendivajaduse esitamiseks tarbijatele**

ISO/IEC Guide 14 *Purchase information on goods and services intended for consumers*

Annab soovitusel ja üldised põhimõtted info sisu, esitamise meetodite, formaatide ja kujunduse kohta, andes sellega tarbijatele võimaluse võrrelda tooteid ja teenuseid omavahel ning teha sobiv valik pakutava vahel.

ISO/IEC Guide 41 *Packaging. Recommendations for addressing consumer needs*

Aitab valida kõige sobivamat pakendit enne toote tarbijate jaoks turule laskmist, et kaitsta tooteid ja maksimaalselt suurendada tarbijate kasu. Need juhendid on otseslt määratud tarbijatele mõeldud tootestandardite koostajatele. Samuti võivad neid kasutada toote kavandajad, tootjad, arendajad ja tarbijakaitse organisatsioonid.

# UUED TRÜKISED

## ISO Bulletin'i augustinumber on keskendunud tarbijate osalemisele standardimises

Oma 25 tegevusaasta jooksul on ISO tarbijakomitee COPOLCO teinud viljakandvaid jõupingutusi suurendamiseks tarbijate osalemist standardimisprotsessis, et tarbijaile mõeldud kaubad ja teenused oleksid ohutud ning vastaksid kõige paremini tarbijate vajadustele.

## ISO Manual 11 Standards work on the Net

Ilmus uustrukk väljaandest *ISO Manual 11 Standards work on the Net*

Käsiraamat on adresseeritud arengumaade rahvuslikele standardiorganisatsioonidele, kuid kasulikku sealt leiavad ka teised. Aitab kindlaks määrata minimaalselt vajalikku IT vahendite hulka, mis võimaldab osaleda rahvusvaheliste standardiorganisatsioonide töös.



## 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

Majandusministeeriumi Karel Kangro tel 625 6397, faks 625 6404, [kkangro@mkm.ee](mailto:kkangro@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 TBT TEATISED

NUMBER & ESITAMIS-KUUPÄEV	RIIK	TOODE/KAUP/TEENUS	EESMÄRK	KOMMENTAARIDE ESITAMISE VIIMANE KUUPÄEV
G/TBT/N/CZE/71 23. juuni 2003	AUSTRAALIA	kantavad tulekustutid	nõuded	20. august 2003
G/TBT/N/CZE/71 25. juuni 2003	TŠEHHI	lõbusõidulaevad	EL nõuetega vastavusse viimine	15. august 2003
G/TBT/N/USA/45 25. juuni 2003	USA	n-Propyl Bromide (ICS 71)	inimeste tervise ja keskkonnakaitse	4. august 2003
G/TBT/N/CHN/22 25. juuni 2003	HIINA	kosmeetika	inimeste tervise kaitse	-
G/TBT/N/BRA/119 25. juuni 2003	BRASIILIA	GMO toidud ja toidulisandid	mürgistamine ja tarbijainfo	-
G/TBT/N/USA/46 1. juuli 2003	USA	Piduriivoolikud	ohutus	14. juuli 2003
G/TBT/N/JPN/90 1. juuli 2003	JAAPAN	orgaanilistest põllumajandustoodetest saadud töödeldud toit	tarbijate huvide kaitse	3. september 2003
G/TBT/N/JPN/91 1. juuli 2003	JAAPAN	orgaanilised põllumajandustooted	tarbijate huvide kaitse	3. september 2003

G/TBT/N/JPN/92 1. juuli 2003	JAAPAN	kuivatatud jaapani nuudlid	tarbijate huvide kaitse	3. september 2003
G/TBT/N/JPN/93 1. juuli 2003	JAAPAN	töödeldud tomatitest tooted	tarbijate huvide kaitse	3. september 2003
G/TBT/N/THA/110 2. juuli 2003	TAI	tarretised	tarbijakaitse	-
G/TBT/N/THA/111 2. juuli 2003	TAI	piimatooted	tarbijakaitse	-
G/TBT/N/THA/112 2. juuli 2003	TAI	maitsestatud piim	tarbijakaitse	-
G/TBT/N/THA/113 2. juuli 2003	TAI	muud piimatooted	tarbijakaitse	-
G/TBT/N/MEX/63 3. juuli 2003	MEHHIKO	mänguasjad – tulirelvade koopid	mürgistusnõuded	26. august 2003
G/TBT/N/MEX/64 3. juuli 2003	MEHHIKO	tooted üldiselt	mürgistusnõuded	26. august 2003
G/TBT/N/CHN/23 3. juuli 2003	HIINA	fluorestseerlambid	energiasäästlikus , turu reguleerimine	60 päeva
G/TBT/N/CAN/68 3. juuli 2003	KANADA	pinnakatematerjalid (ICS: 87.040)	inimeste tervise kaitse ja ohutus	28. august 2003
G/TBT/N/COL/44 4. juuli 2003	KOLUMBIA	kodused gaasiseadmed	inimeste, loomade ja taimede kaitse	-
G/TBT/N/BRA/120 4. juuli 2003	BRASIILIA	kanad, pardid ja pärlkanad	tarbijate tervis, ohutus ja mürgistusnõuded	60 päeva
G/TBT/N/BRA/121 4. juuli 2003	BRASIILIA	kala, sardiinid, tuunikala	tarbijate tervis, ohutus ja mürgistusnõuded	60 päeva
G/TBT/N/TUN/8 7. juuli 2003	TUNEESIA	autokütus ICS: 75.160.20	keskkonnakaitse ja ohutus	10. juuli 2003
G/TBT/N/DNK/23 7. juuli 2003	TAANI	kalalaevad	hoiatusseadmete paigaldamine	1. oktoober 2003
G/TBT/N/CAN/69 7. juuli 2003	KANADA	ravimid	inimeste tervise kaitse ja ohutus	20. august 2003
G/TBT/N/KOR/ 51, 52 9. juuli 2003	KOREA VABARIIK	tervislik toit	tarbijainfo	25. august 2003
G/TBT/N/JPN/94 9. juuli 2003	JAAPAN	18GHz sagedusel traadita juurdepääsusüsteemid	tehnilised normid	8. september 2003
G/TBT/N/JPN/95 10. juuli 2003	JAAPAN	terminaliseadmed	tehnilised nõuded	17. september 2003
G/TBT/N/GRD/4 10. juuli 2003	GRENADA	lasteasutused ICS: 91.120.30; 97.190	nõuded	31. august 2003
G/TBT/N/GRD/5 11. juuli 2003	GRENADA	riis (ICS: 67.060)	kvaliteet	31. august 2003
G/TBT/N/GRD/6 11. juuli 2003	GRENADA	pudelivesi	tarbijakaitse	31. august 2003
G/TBT/N/GRD/7 11. juuli 2003	GRENADA	tuletikud ICS: 97.180	nõuded	31. august 2003
G/TBT/N/GRD/8 11. juuli 2003	GRENADA	sigarettide jaemüügipakid ICS: 13.300; 65.160	hoiatussildid pakenditel	31. august 2003
G/TBT/N/ARG/12 0 15. juuli 2003	ARGENTIINA	Argentiina Pharmacopoeia, Osa I, 7 väljaanne	rahva tervis	-
G/TBT/N/ARG/12 1 15. juuli 2003	ARGENTIINA	veinitooted	vigade parandus	-
G/TBT/N/ARG/12 2 15. juuli 2003	ARGENTIINA	vedelgaas	seadusandluse täiendamine	-

G/TBT/N/USA/47 16. juuli 2003	USA	piima- ja võitooted ja jagurtootud	inimeste tervis	1. oktoober 2003
G/TBT/N/JPN/96 16. juuli 2003	JAAPAN	Sake (alkohoolne jook)	tarbijate huvide kaitsmine	20. september 2003
G/TBT/N/DNK/24 16. juuli 2003	TAANI	ohtlike kaupade transport Läänemerel ro-ro tüüpi laevadel	muudatused Taani, Eesti, Leedu, Läti, Soome ja Saksamaa vahelises lepingus	15. oktoober 2003
G/TBT/N/USA/48, 49 17. juuli 2003	USA	rasvhapped	tarbijainfo	9. oktoober 2003
G/TBT/N/SWE/29 17. juuli 2003	ROOTSI	ohtlike kaupade transport	seadusandluse täiendamine	19. september 2003
G/TBT/N/CHE/27 17. juuli 2003	TŠEHHI	küpsetatud ja küpsetamata soolaliha	tarbijainfo	19. september 2003
G/TBT/N/AUS/18 17. juuli 2003	AUSTRAALIA	kodused külmkapid, nõudepesumasinaid, pesumasinaid, kuivatid, kliimaseadmed	energiasäästlikkus	-
G/TBT/N/AUS/19 17. juuli 2003	AUSTRAALIA	Päikese jõul töötavad veesoojendid	uus standard, nõuded	-
G/TBT/N/ARG/12 3 17. juuli 2003	ARGENTIINA	ravimid	nõuded	-
G/TBT/N/CZE/75 18. juuli 2003	TŠEHHI	tubakatooted	EÜ nõuete sisseviimine Tšehhi seadusandlusesse	1. september 2003
G/TBT/N/CZE/76 18. juuli 2003	TŠEHHI	puit	märgistamine, mõõtmine ja klassifitseerimine, EÜ nõuete sisseviimine Tšehhi seadusandlusesse	1. september 2003

## WTO SEKRETARIAADILT SAABUNUD SPS TEATISED

NUMBER & ESITAMIS-KUUPÄEV	RIIK	MÕJUTATAV PIIRKOND/RIIK	TOODE	EESMÄRK	KOMMENTAARIDE ESITAMISE VIIMANE KUUPÄEV
G/SPS/N/CHL/134 13. juuni 2003	TŠIILI	kõik riigid ja piirkonnad	puu- ja juurvilja seemned	taimekaitse	24. juuni 2003
G/SPS/N/CHL/135 13. juuni 2003	TŠIILI	Belgia	linnuliha ja sellest tooted	loomatervis	-
G/SPS/N/CHL/136 13. juuni 2003	TŠIILI	kõik riigid ja piirkonnad	koresöödataimede seemned	taimekaitse	24. juuni 2003
G/SPS/N/CHL/137 13. juuni 2003	TŠIILI	kõik riigid ja piirkonnad	veisesperma	loomatervis	-
G/SPS/N/CHL/138, 139 13. juuni 2003	TŠIILI	kõik riigid ja piirkonnad	vereplasma	loomatervis	1. juuli 2003
G/SPS/N/CHL/140 13. juuni 2003	TŠIILI	USA	Myrobalan (kirss) ploomi paljundusmaterjal	taimekaitse	7. juuli 2003
G/SPS/N/CHL/141 13. juuni 2003	TŠIILI	kõik riigid ja piirkonnad	aprikoosi paljundusmaterjal	taimekaitse	7. juuli 2003

G/SPS/N/CHL/142 13. juuni 2003	TŠIILI	kõik riigid ja piirkonnad	Mahaleb kirsi paljundusmaterjal	taimekaitse	7. juuli 2003
G/SPS/N/CHL/143 13. juuni 2003	TŠIILI	kõik riigid ja piirkonnad	mandlipuu paljundusmaterjal	taimekaitse	7. juuli 2003
G/SPS/N/CHL/144 13. juuni 2003	TŠIILI	kõik riigid ja piirkonnad	magusa kirsi paljundusmaterjal	taimekaitse	7. juuli 2003
G/SPS/N/CHL/145 13. juuni 2003	TŠIILI	USA	Euroopa (aia) ploomi paljundusmaterjal	taimekaitse	7. juuli 2003
G/SPS/N/CHL/146 13. juuni 2003	TŠIILI	USA	Jaapani ploomi paljundusmaterjal	taimekaitse	7. juuli 2003
G/SPS/N/CHL/147 13. juuni 2003	TŠIILI	USA	hapu kirsi paljundusmaterjal	taimekaitse	7. juuli 2003
G/SPS/N/CHL/148, 149 16. juuni 2003	TŠIILI	USA, Kalifornia	värsked Jaapani ploomid, Euroopa aiaploomid ja -aprikoosid, värsked virsikud ja nektariinid	taimekaitse	21. juuli 2003
G/SPS/N/CHL/150 16. juuni 2003	TŠIILI	kõik riigid ja piirkonnad	liigi Rubus In vitro materjal	taimekaitse	21. juuli 2003
G/SPS/N/CHL/151 16. juuni 2003	TŠIILI	Kanada	liha ja lihatooted	toiduohutus	-
G/SPS/N/CHL/152 16. juuni 2003	TŠIILI	Kanada	veised ja nende lihast tooted	loomatervis	-
G/SPS/N/CHL/153 16. juuni 2003	TŠIILI	Saksamaa	linnuliha ja sellest tooted	loomatervis	-
G/SPS/N/KOR/130 17. juuni 2003	KOREA VABARIIK	-	toit ja toidu lisaained	toiduohutus/taimekaitse	11. august 2003
G/SPS/N/DEU/9 17. juuni 2003	SAKSAMAA	EÜ liikmed ja loetletud kaupu Saksamaale eksportivad kolmandad riigid	kohvi, kuivatatud puuviljad, teravili	toiduohutus	25. juuli 2003
G/SPS/N/MYS/15 17. juuni 2003	MALAIISIA	Kanada	veised, veiseliha ja sellest tooted	loomatervis	-
G/SPS/N/THA/94, 96 17. juuni 2003	TAI	kõik riigid	toit	toiduohutus	-
G/SPS/N/EEC/202 17. juuni 2003	EUROOPA ÜHENDUSED	EÜ liikmed ja loetletud kaupu EÜ-sse eksportivad kolmandad riigid	toidu lisaained (ICS 67.220.20)	toiduohutus	60 päeva
G/SPS/N/USA/746 17. juuni 2003	USA	kõik USA kaubandus-partnerid	Sevin Brand 80% Dust Base Carbaryl insektitsiid, Sevin Brand RP4 Carbaryl insektitsiid, Trilin 5, Phorate Technical, Hinder Deer and Rabbit Repellent Ready-to-Use, Starane+Salvo	toiduohutus/inimeste kaitsmine looma-/taimehaiguste eest	4. august 2003

G/SPS/N/USA/748 17. juuni 2003	USA	kõik USA kaubandus-partnerid	pestitsiid 4-(dichloroacetyl)-1-oxa-4-azaspiro[4.5]decane	toiduohutus/ inimeste kaitsmine looma-/taimehaiguste eest	31. märts 2003
G/SPS/N/USA/745 18. juuni 2003	USA	kõik USA kaubandus-partnerid	Cyclone Concentrate/Gra-moxone Max, Raptor herbitsiid, Ethoprop, Mocap 10% Granular Namaticide ja insektitsiid, Whip 1 Ed Herbicide, Mocap Namatacide Insecticide 10% Granular, Mocap 10% granular namaticide – insektitsiid, Dimilin 2L, Griffin boa herbitsiid	toiduohutus	4. august 2003
G/SPS/N/EEC/203, 204 20. juuni 2003	EUROOPA ÜHENDUSED	EÜ liikmed ja loetletud kaupu EÜ-sse eksportivad kolmandad riigid	õun ja sellest tooted, õunamahl	toiduohutus	25. juuli 2003
G/SPS/N/AUS/145 20. juuni 2003	AUSTRAALIA	kõik riigid	töödeldud toidud	toiduohutus	25. august 2003
G/SPS/N/NZL/237 20. juuni 2003	UUS MEREMAA	Kanada	söögiks kõlbmatu rasv	loomatervis	-
G/SPS/N/NZL/238, 239 20. juuni 2003	UUS MEREMAA	Kanada	lemmiklooma-toidud	loomatervis	-
G/SPS/N/NZL/240 20. juuni 2003	UUS MEREMAA	Fidži	kohvioad	taimekaitse	-
G/SPS/N/CAN/175 20. juuni 2003	KANADA	-	Spinosad (ICS: 65.100.10)	toiduohutus	28. august 2003
G/SPS/N/THA/95 20. juuni 2003	TAI	kõik riigid	kõik toidud	toiduohutus	-
G/SPS/N/EEC/205 23. juuni 2003	EUROOPA ÜHENDUSED	EÜ liikmesriigid ja EÜ-sse eksportivad kolmandad riigid	Capsicum spp.viljad [CN 090420-30 või 090420-90] ICS: 67.220.10 (vürtsid ja maitseained)	toiduohutus	-
G/SPS/N/BRA/79 25. juuni 2003	BRASIILIA	Kanada	mäletsejad ja nendest tooted, embrüod, linnud ja linnulihatooted jne	toiduohutus	-
G/SPS/N/EEC/202 17. juuni 2003	EUROOPA ÜHENDUSED	EÜ liikmed ja loetletud kaupu EÜ-sse eksportivad kolmandad riigid	toidu lisaained (ICS 67.220.20)	toiduohutus	60 päeva



G/SPS/N/SGP/23 27. juuni 2003	SINGAPUR	Argentiina, Austraalia, Kanada, Taani, Prantsusmaa, Saksamaa, Hong Kong LAV, Iiri, Itaalia, Jaapan, Macao, Malaisia, Uus Meremaa, Araabia Ühendemiraadi dSuurbritannia ja USA	hobused	loomatervis/ inimeste kaitsmine looma- /taime- haiguste eest	9. august 2003
G/SPS/N/AUS/146 27. juuni 2003	AUSTRAALIA	-	töödeldud toit üldiselt	toiduohutus	30. august 2003
G/SPS/N/KEN/3 27. juuni 2003	KEENIA	Kanada	veised, sperma, liha ja lihatooted	loomatervis	-
G/SPS/N/USA/749 27. juuni 2003	USA	Mehhiko	kariloomad	loomatervis	-
G/SPS/N/TTO/3 30. juuni 2003	TRINIDAD ja TOBAGO	Holland ja Belgia	linnud.	loomatervis	-
G/SPS/N/CAN/176 30. juuni 2003	KANADA	-	Sodium tripolyphosphate (ICS: 67.220.20)	toiduohutus	-
G/SPS/N/CAN/177 30. juuni 2003	KANADA	-	Maltogenic amylase (ICS: 67.180)	toiduohutus	4. september 2003
G/SPS/N/CAN/178 30. juuni 2003	KANADA	-	Transglutaminase (ICS: 67.220.20)	toiduohutus	4. september 2003
G/SPS/N/CAN/179 30. juuni 2003	KANADA	kõik riigid	Pelargonium spp. ja Solanum spp. propagative materjal	taimekaitse	-
G/SPS/N/CAN/180 4. juuli 2003	KANADA	Hiina, Mongoolia, Jaapan, Korea, Venemaa, Taivan, USA	palgid, puud, puit	taimekaitse	-
G/SPS/N/EEC/206 2. juuli 2003	EUROOPA ÜHENDUSED	EÜ liikmed ja loetletud kaupu EÜ-sse eksportivad kolmandad riigid	teravili, loomsed toidud, pähklid, viinamarjad, maasikad, mustikad ja teised marjad	toiduohutus	60 päeva
G/SPS/N/THA/97 2. juuli 2003	TAI	kõik riigid	metüülalkohol	toiduohutus	-

G/SPS/N/THA/98 2. juuli 2003	TAI	Ühendatud Kuningriik, Portugal, Prantsusmaa, Iiri, Šveits, Belgia, Saksamaa, Holland, Taani, Itaalia, Liechtenstein, Luxembourg, Hispaania, Tšehhi, Kreeka, Jaapan, Slovakkia Sloveenia, Austria, Soome ja Iisrael	metüülalkohol	toiduohutus	-
G/SPS/N/THA/99 2. juuli 2003	TAI	kõik riigid	Stevia (Stevia rebaudiana Bertoni)	toiduohutus	-
G/SPS/N/THA/100 2. juuli 2003	TAI	kõik riigid	Stevioside ja seda sisaldavad dieettoidud	toiduohutus	-
G/SPS/N/THA/101 2. juuli 2003	TAI	kõik riigid	tarretised	toiduohutus	-
G/SPS/N/THA/102 2. juuli 2003	TAI	kõik riigid	kala	toiduohutus	-
G/SPS/N/THA/103 2. juuli 2003	TAI	kõik riigid	piimatooted	toiduohutus	-
G/SPS/N/THA/104 2. juuli 2003	TAI	kõik riigid	maitsestatud piim	toiduohutus	-
G/SPS/N/THA/105 2. juuli 2003	TAI	kõik riigid	muud piimatooted	toiduohutus	-
G/SPS/N/PER/56 2. juuli 2003	PERUU	Tšili	värsked aprikoosid, kirsid, virsikud, nektariinid ja ploomid	taimekaitse	-
G/SPS/N/USA/750 4. juuli 2003	USA	kõik kaubandus-partnerid	pestitsiidi Thymol ja eükalüptiõli sisaldavad tooted	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	5. august 2003
G/SPS/N/USA/751 4. juuli 2003	USA	kõik kaubandus-partnerid	pestitsiid Bacillus Thuringiensis VIP3A	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	7. juuli 2003
G/SPS/N/USA/752 4. juuli 2003	USA	kõik kaubandus-partnerid	pestitsiid Acetic Acid	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	11. juuli 2003
G/SPS/N/USA/753 4. juuli 2003	USA	kõik kaubandus-partnerid	kontrollvalk Bacillus thuringiensis Event COT102 puvillataimedes	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	11. juuli 2003

G/SPS/N/USA/754 4. juuli 2003	USA	kõik kaubandus-partnerid	pestitsiid (3-(4,5-dihydro-isoxazol-3-yl)-4-methanesulfonyl-2-methylphenyl)-(5-hydroxyl-1-methyl-1H-pyrazol-4-yl) Methanone	toiduohutus/ inimeste kaitsmine looma- /taimehaiguste eest	11. juuli 2003
G/SPS/N/USA/755 4. juuli 2003	USA	kõik kaubandus-partnerid	pestitsiid [3-(4,5-dihydro-isoxazol-3-yl)-4-methanesulfonyl-2-methylphenyl]-(5-hydroxyl-1-methyl-1H-pyrazol-4-yl) Methanone	toiduohutus/ inimeste kaitsmine looma- /taimehaiguste eest	11. juuli 2003
G/SPS/N/USA/756 4. juuli 2003	USA	kõik kaubandus-partnerid	pestitsiid Methoprene	toiduohutus/ inimeste kaitsmine looma- /taimehaiguste eest	11. juuli 2003
G/SPS/N/USA/757 4. juuli 2003	USA	kõik kaubandus-partnerid	pestitsiid Humic Acid	toiduohutus/ inimeste kaitsmine looma- /taimehaiguste eest	14. juuli 2003
G/SPS/N/USA/758 4. juuli 2003	USA	kõik kaubandus-partnerid	pestitsiid Imidacloprid	toiduohutus/ inimeste kaitsmine looma- /taimehaiguste eest	12. august 2003
G/SPS/N/KOR/131 4. juuli 2003	KOREA VABARIIK	kõik kaubandus-partnerid	tervisetoidud	toiduohutus	60 päeva
G/SPS/N/KOR/132, 133 4. juuli 2003	KOREA VABARIIK	kõik kaubandus-partnerid	standardid ja spetsifikatsioonid tervisetoituledele	toiduohutus	27. august 2003
G/SPS/N/KOR/134, 135 4. juuli 2003	KOREA VABARIIK	kõik kaubandus-partnerid	uued funktsionaalsed koostisosad ja nende kasutamine	toiduohutus	27. august 2003
G/SPS/N/KOR/136, 137 4. juuli 2003	KOREA VABARIIK	kõik kaubandus-partnerid	tervisetoidud	toiduohutus	25. august 2003
G/SPS/N/NZL/241 4. juuli 2003	UUŞ MEREMAA	Saksamaa	mesilane (Apis mellifera canica)	loomatervis	1. august 2003
G/SPS/N/EEC/207 9. juuli 2003	EUROOPA ÜHENDUSED	EÜ liikmed ja Brasiilia	Brasiilia pähkliid (CN 0801 21 00)	toiduohutus	-
G/SPS/N/USA/759 10. juuli 2003	USA	kõik USA kaubandus-partnerid	pestitsiid Azoxystrobin	toiduohutus	18. august 2003
G/SPS/N/USA/760 10. juuli 2003	USA	kõik USA kaubandus-partnerid	Bacillus Pumilus tüvi QST2808	toiduohutus/ inimeste kaitsmine looma- /taimehaiguste eest	18. august 2003

G/SPS/N/USA/761 10. juuli 2003	USA	kõik USA kaubandus- partnerid	pestitsiid Glyphosate	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	18. august 2003
G/SPS/N/USA/762 9. juuli 2003	USA	kaubandus- partnerid	pestitsiidide registreerimine: 000499-00413, 008660-00031, 008660-00045, 008660-49, 008660-00055, 008660-00057, and 071085-00022	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	16. detsember või 31. juuli 2003
G/SPS/N/USA/763 10. juuli 2003	USA	kaubandus- partnerid	protseduurid haigusvabade tsoodide loomiseks	loomatervis	23. august 2003
G/SPS/N/USA/764 11. juuli 2003	USA	kõik USA kaubandus- partnerid	pudelivesi	toiduohutus	-
G/SPS/N/USA/765 11. juuli 2003	USA	kõik kaubandus- partnerid	liha ja linnulihatooted	toiduohutus	25. august 2003
G/SPS/N/KOR/138 11. juuli 2003	KOREA VABARIIK	kõik riigid	töötlemata puidust pakkematerjal	taimekaitse	20. august 2003
G/SPS/N/BGR/7 11. juuli 2003	BULGAARIA	kõik riigid	taimed ja taimetooted	taimekaitse	27. juuni 2003
G/SPS/N/NZL/ 242, 243 11. juuli 2003	UUS MEREMAA	Austria, Belgia, Taani, Iiri, Soome, Prantsusmaa, Saksamaa, Kreeka, Itaalia, Luxemburg, Holland, Portugal, Hispaania, Rootsi, Ühendatud Kuningriik	veisesperma ja embrüod	loomatervis	30. juuli 2003
G/SPS/N/NZL/244 11. juuli 2003	UUS MEREMAA	Austraalia	veiseembrüod	loomatervis	8. august 2003
G/SPS/N/NZL/245 11. juuli 2003	UUS MEREMAA	Kanada	Bovine embrüod.	loomatervis	8. august 2003
G/SPS/N/NZL/246 14. juuli 2003	UUS MEREMAA	USA	veiseembrüod.	loomatervis	8. august 2003
G/SPS/N/NZL/247 11. juuli 2003	UUS MEREMAA	Austraalia	veisesperma	loomatervis	8. august 2003
G/SPS/N/NZL/248 11. juuli 2003	UUS MEREMAA	Kanada	veisesperma	loomatervis	8. august 2003
G/SPS/N/NZL/249 11. juuli 2003	UUS MEREMAA	USA	veisesperma.	loomatervis	8. august 2003
G/SPS/N/TPKM/18 11. juuli 2003	TAIVANI, PENGHU, KINMENI ja MATSU ERALDI TOLLI- TERRITOORIUM	-	sool	toiduohutus	5. september 2003
G/SPS/N/JPN/104 11. juuli 2003	JAAPAN	kõik riigid	söödavad puu- ja juurviljad, pähklid, kohvi, tee, õliseemned	toiduohutus	16. september 2003

G/SPS/N/JPN/105 14. juuli 2003	JAAPAN	kõik riigid ja piirkonnad	palm (Genus: Paguma, Viverridae perekond, Order: Carnivora),	inimeste tervise kaitsmine	-
G/SPS/N/JPN/106 21. juuli 2003	JAAPAN	kõik riigid	toidu lisaained (L-ascorbic acid 2-glucoside, sulfiidid ja vaiguvärvid	toiduohutus	22. september 2003
G/SPS/N/CHN/21 22. juuli 2003	HIINA	kõik riigid	kõik tooted	loomatervis	60 päeva
G/SPS/N/HKG/20 23. juuli 2003	HIINA HONG KONG	Kanada ja teised nimetatud tooted ekspordivad riigid	Kanada veiseliha ja sellest tooted	toiduohutus	-
G/SPS/N/CAN/181 25. juuli 2003	KANADA	-	Cyhalothrin-lambda (ICS: 65.100.10)	toiduohutus	-
G/SPS/N/TPKM/20 25. juuli 2003	TAIVANI, PENGHU, KINMENI ja MATSU ERALDI TOLLI-TERRITOORIUM	-	sodium carboxymethyl cellulose	toiduohutus	15. september 2003
G/SPS/N/TPKM/21 25. juuli 2003	TAIVANI, PENGHU, KINMENI ja MATSU ERALDI TOLLI-TERRITOORIUM	kõik riigid	elusad karpkalad ja nende seeme	loomatervis	17. september 2003
G/SPS/N/EEC/208 25. juuli 2003	EUROOPA ÜHENDUSED	EÜ liikmed ja loetletud kaupu EÜ-sse ekspordivad kolmandad riigid	mesilased (Apis mellifera), mesipuud, mesilasemad ja mesindusvarustus	loomatervis	60 päeva
G/SPS/N/EEC/209, 210 31. juuli 2003	EUROOPA ÜHENDUSED	EÜ liikmed ja loetletud kaupu EÜ-sse ekspordivad kolmandad riigid	mais (CN 1005) ICS 67.060	toiduohutus	60 päeva
G/SPS/N/HRV/1 31. juuli 2003	HORVAATIA	-	veised, lambad, kitsed, sead, kodulinnud ja kalad, nendest tooted	toiduohutus	-

# UUED STANDARDID JA KAVANDID ARVAMUSKÜSITLUSEKS

See EVS Teataja osa 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. Kuna võimalusel on ingliskeelsena vastuvõetud standardi nimetus ja käsitlusala tõlgitud eesti keelde ja loetelust ei ole aru saada, millised standardid on tõlgitud eesti keelde, on eesti keeles avaldatud standardid toodud ka eraldi nimekirjana Teataja lõpus.

Eesmärgiga tagada standardite vastuvõtmine järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardite kavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul on asjasthuvitatuil võimalik tutvuda standardite kavanditega ning teha ettepanekuid.

EVS Teatajas on esitatud arvamusküsitlusele:

1) Euroopa ja rahvusvahelised standardid, mis on kavas vastu võtta Eesti standarditeks jõustumisteatega (kavandid kättesaadaval standardina inglise keeles EVS raamatukogus ja neid saab osta müügigrupist; EVS tehnilistel komiteedel on võimalik saada koopiaid oma käsitlusalaga kokkulangevatest standarditest EVS kontaktisiku kaudu);

2) Eesti standardite kavandid, mis Eesti standardimisprogrammi järgi on jõudnud arvamusküsitluse etappi (kavandid on kättesaadavad eesti keeles standardiosakonnas, neid saab osta müügigrupist);

3) Euroopa (prEN) standardite kavandid, mis on saadetud liikmetele arvamusküsitluseks (kavandid on kättesaadavad EVS raamatukogus, v.a Euroopa standarditeks ülevõetavate nende ISO tehniliste komiteede kavandid (prEN ISO), mille töös EVS ei osale, ja neid saab osta müügigrupist. EVS tehnilistel komiteedel on võimalik saada koopiaid oma käsitlusalaga kokkulangevatest kavanditest EVS kontaktisiku kaudu).

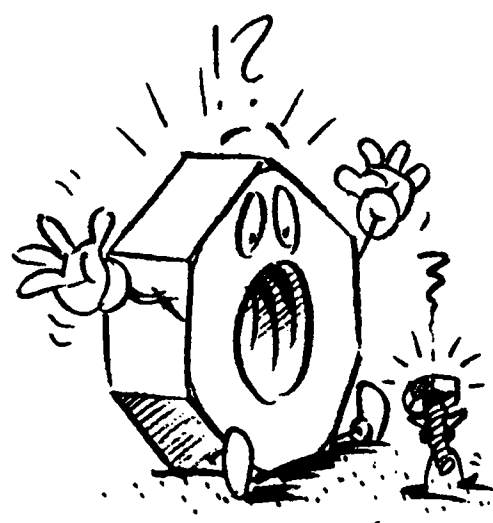
EVS Teatajas on kavandid identifitseeritud sellele standardite andmebaasis omistatud projekti numbriga järgi (nt prEVS 18958), kavandite saamiseks on soovitatav ära näidata ka kavandiga identse standardi tähis. Teavet Eesti standardimisprogrammist saab standardiosakonnast.

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).

## ICS PÕHIRÜHMAD

ICS	Nimetus
01	Üldküsimused. Terminoloogia. Standardimine. Dokumentatsioon
03	Sotsioloogia. Teenused. Ettevõtte organiseerimine ja juhtimine. Haldus. Transport
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	Maanteesõidukite ehitus
45	Raudteetehnika
47	Laevaehitus ja mereehitused
49	Õhusõidukid ja kosmosetehnika
53	Töste- ja teisaldusseadmed
55	Pakendamine
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	Tsiviilehitus
95	Sõjatehnika
97	Olme. Meelelahutus. Sport
99	Muud




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#### 01.040.01

#### Üldküsimumused.

#### Terminoloogia.

#### Standardimine.

#### Dokumentatsioon

#### (sõnavara)

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#### Generalities. Terminology.

#### Standardization.

#### Documentation

#### (Vocabularies)

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56835

Tähtaeg: 2003-11-01

Identne EN 45020:1995

#### Standardimine ja

#### standardimisega seotud

#### tegevused. Põhisõnavara

This Guide provides general terms and definitions concerning standardization and related activities. It is intended to contribute fundamentally towards

mutual understanding amongst the members of ISO and IEC and the various governmental and nongovernmental agencies involved in standardization at international, regional and national levels. It is intended also to provide a suitable source for teaching and for reference, briefly covering basic theoretical and practical principles of standardization, certification and laboratory accreditation.

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#### 01.040.13

#### Keskkonna- ja tervisekaitse. Ohutus (sõnavara)

Environment and health protection. Safety

(Vocabularies)

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#### UUED STANDARDID

EVS-EN 13237:2003

Hind 139,00

Identne EN 13237:2003

#### Potentially explosive atmospheres - Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres

This European Standard specifies terms and definitions (vocabulary) to be used in suitable standards dealing with equipment and protective systems intended for use in potentially explosive atmospheres

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#### 01.040.25

#### Tootmistehnoloogia (sõnavara)

Manufacturing engineering (Vocabularies)

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#### UUED STANDARDID

EVS-EN 1792:2003

Hind 272,00

Identne EN 1792:2003

**Welding - Multilingual list of terms for welding and related processes**

The following lists contain commonly used welding terms. New terms will be added on a regular basis

**EVS-EN ISO 16348:2003**

Hind 66,00

Identne ISO 16348:2003

ja identne EN ISO 16348:2003

**Metallic and other inorganic coatings - Definitions and conventions concerning appearance**

This European Standard specifies appearance and its associated terms and outlines the principles involved in validating appearance when it is specified as a requirement of metallic and other inorganic coatings

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**01.040.29**

**Elektrotehnika (sõnavara)**

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Electrical engineering  
(Vocabularies)

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**UUED STANDARDID**

**EVS-EN 13237:2003**

Hind 139,00

Identne EN 13237:2003

**Potentially explosive atmospheres - Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres**

This European Standard specifies terms and definitions (vocabulary) to be used in suitable standards dealing with equipment and protective systems intended for use in potentially explosive atmospheres

**EVS-EN 60276:2003**

Hind 126,00

Identne IEC 276:1968 + A1:1987

ja identne EN 60276:1996

**Definitions and nomenclature for carbon brushes, brush-holders, commutators and slip-rings**

Establishes a vocabulary of definitions and terms for classes of brush grades, brushes, tops, flexibles (Shunts) and connections, terminals, commutators and slip-rings, commutator marking and other miscellaneous details.

Contains illustrations for each term. Gives the terms in Dutch, English, French, German, Italian,

Polish, Russian, Spanish and Swedish.

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**01.040.47**

**Laevachitus ja mereehitised (sõnavara)**

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Shipbuilding and marine structures (Vocabularies)

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**UUED STANDARDID**

**EVS-EN ISO 3715-2:2003**

Hind 75,00

Identne ISO 3715-2:2001

ja identne EN ISO 3715-2:2002

**Ships and marine technology - Propulsion plants for ship - Part 2: Vocabulary for controllable-pitch propeller plants**

This part of ISO 3715 gives terms and definitions applicable exclusively to continuously variable and hydraulic operated controllable-pitch propeller units. It does not cover controllable-pitch propeller units for which only a few specified pitch settings apply

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**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56816

Tähtaeg: 2003-11-01

Identne EN 13551:2003

**Inland navigation vessels - Vocabulary**

This European Standard gives terms and definitions currently used for inland navigation systems and thereby facilitates understanding at an international level

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**01.040.55**

**Pakendamine (sõnavara)**

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Packaging and distribution of goods (Vocabularies)

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**UUED STANDARDID**

**EVS-ISO 830:2003**

Hind 170,00

Identne ISO 830:1999 + TC:2001

**Freight containers - Vocabulary**

The International Standard presents definitions of terms relating to freight containers.

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**01.040.59**

**Tekstiili- ja nahatehnoloogia (sõnavara)**

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Textile and leather technology (Vocabularies)

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**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56823

Tähtaeg: 2003-11-01

Identne ISO 8388:1998

ja identne EN ISO 8388:2003

**Knitted fabrics - Types - Vocabulary**

This International Standard defines terms for industrially produced machine knitted fabrics

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**01.040.71**

**Keemiline tehnoloogia (sõnavara)**

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Chemical technology (Vocabularies)

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**UUED STANDARDID**

**EVS-EN 13857-1:2003**

Hind 83,00

Identne EN 13857-1:2003

**Explosives for civil uses - Part 1: Terminology**

This European Standard defines the key technical terminology used in European Standards developed in the field of explosives for civil uses

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**01.040.79**

**Puidutehnoloogia (sõnavara)**

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Wood technology (Vocabularies)

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**UUED STANDARDID**

**EVS-EN 13556:2003**

Hind 283,00

Identne EN 13556:2003

**Round and sawn timber - Nomenclature of timbers used in Europe**

This European Standard lists commercial hardwood and softwood timbers used in Europe



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01.040.91

**Ehitusmaterjalid ja ehitus  
(sõnavara)**

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Construction materials and  
building (Vocabularies)

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**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56738

Tähtaeg: 2003-11-01

Identne prEN 1304:2003

**Clay roofing tiles and fittings -  
Product definitions and  
specifications**

This European Standard specifies requirements for clay roofing tiles and fittings for pitched roof coverings and wall cladding and lining. It applies to all tiles and fittings as defined in 4.1. Clay roofing tiles and clay fittings which conform to this standard are suitable for use as roof coverings, vertical wall cladding and lining

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01.040.97

**Olme. Meelelahutus. Sport  
(sõnavara)**

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Domestic and commercial  
equipment. Entertainment.  
Sports (Vocabularies)

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**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56735

Tähtaeg: 2003-11-01

Identne prEN 131-1:2003

**Redelid. Terminid, tüübid,  
funktsionaalmõõtmed**

This European Standard gives the definitions and general terms and determines the general design characteristics of ladders, which are of importance for safety, handling, and manufacturing of the ladders and of information for the user

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01.080.30

**Elektrotehnika ja  
elektroonika alastel  
joonistel, diagrammidel,  
plaanidel, kaartidel jm  
tehnilises d**

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Graphical symbols for use  
on mechanical engineering  
and construction drawings,  
diagrams, plans, maps

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**UUED STANDARDID**

**EVS-EN ISO 3952-2:2003**

Hind 101,00

Identne ISO 3952-2:1981

ja identne EN ISO 3952-2:1994

**Kinemaatikaskeemid -**

**Graafilised sümbolid - Osa 2**

This International Standard establishes the graphical symbols for elements of kinematic diagrams of products in all branches of industry

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01.140.20

**Infoteadused**

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Information sciences

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**UUED STANDARDID**

**CEN/TS 14463:2003**

Hind 130,00

Identne CEN/TS 14463:2003

**Health informatics - A syntax to  
represent the content of medical  
classification systems (CIaML)**

The main purpose of this Technical Specification is to support the transfer of the majority of hierarchical healthcare classification systems between organisations and dissimilar software products. The Prestandard should therefore be rich enough to uniquely identify and describe the structure and the relevant elements in those systems

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03.020

**Transport**

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Transport

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**UUED STANDARDID**

**EVS 843:2003**

Hind 381,00

Identne EVS 843:2003

**Linnatänavad**

Käesolevat standardit on soovitatav rakendada linnatänavate ja kõigi tiheasustusaladel paiknevate teede ja tänavate projekteerimisel ning nende alade planeeringute koostamisel. Linna äärealadel, kus asustus on hõre ja kus liikluskeskkond eeldatavalt jääb samaseks maantee tingimustega, võib seal paiknevate teede projekteerimisel lähtuda maanteede projekteerimise normidest.

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03.120.10

**Kvaliteedijuhtimine ja -  
tagamine**

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Quality management and  
quality assurance

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**UUED STANDARDID**

**EVS-EN 9100:2003**

Hind 212,00

Identne EN 9100:2003

**Aerospace series - Quality  
management systems -**

**Requirements (based on  
SO 9001:2000) and Quality  
systems - Model for quality  
assurance in design,**

**development, production,  
installation and servicing (based  
on ISO 9001:1994)**

This standard includes ISO 9001:2000 1) quality management system requirements and specifies additional requirements for a quality management system for the aerospace industry. The additional aerospace requirements are shown in bold, italic text

**EVS-EN ISO 9000-3:2003**

Hind 170,00

Identne ISO 9000-3:1997

ja identne EN ISO 9000-3:1997

**Quality management and  
quality assurance standards -**

**Part 3: Guidelines for the  
application of ISO 9001:1994 to  
the development, supply,  
installation and maintenance of  
computer software**

This part of ISO 9000 sets out guidelines to facilitate the application of ISO 9001:1994 for organizations developing, supplying, installing and maintaining computer software

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03.220

Transport. Postiteenused

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Transport

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**UUED STANDARDID**

**EVS-EN 24178:2003**

Hind 57,00

Identne ISO 4178:1980

ja identne EN 24178:1992

**Complete, filled transport packages - Distribution trials - Information to be recorded**

This International Standard specifies the information to be recorded when carrying out distribution trials involving complete, filled transport packages

**EVS-EN 24180-1:2003**

Hind 66,00

Identne ISO 4180-1:1980

ja identne EN 24180-1:1992

**Complete, filled transport packages - General rules for the compilation of performance test schedules - Part 1: Quantitative data**

This International Standard establishes general rules to be used for the compilation of performance test schedules for complete, filled transport packages intended for use within any distribution system, whether transported by road, rail, sea, air or inland waterway, or by a combination of these modes of transport

**EVS-EN 24180-2:2003**

Hind 109,00

Identne ISO 4180-2:1980

ja identne EN 24180-2:1992

**Complete, filled transport packages - General rules for the compilation of performance test schedules - Part 2: Quantitative data**

This International Standard establishes general rules to be used for the compilation of performance test schedules for complete, filled transport packages intended for use within any distribution system, whether transported by road, rail, sea, air or inland waterway, or by a combination of these modes of transport

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03.220.20

Maanteetransport

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Road transport

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**UUED STANDARDID**

**EVS-ENV ISO 14904:2003**

Hind 170,00

Identne ISO/TS 14904:2002  
ja identne ENV ISO 14904:2002  
**Road transport and traffic telematics - Electronic fee collection (EFC) - Interface specification for clearing between operators**

This European Prestandard specifies the interfaces for clearing between operators and gives a framework of the common message structure and data elements to be used on the interfaces. Its objective is to make the transfer of payment and Electronic Fee Collection (EFC) related data possible both between different payment systems and between different operators such as collection agents, clearing operators, or providers of public and private transport services

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07.100.30

Toiduainete  
mikrobioloogia

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Food microbiology

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**UUED STANDARDID**

**EVS-EN 14131:2003**

Hind 126,00

Identne EN 14131:2003

**Foodstuffs - Determination of folate by microbiological assay**

This European Standard specifies a microbiological method for the determination of the total folate content of foodstuffs by turbidimetric detection of the growth of the microorganism *Lactobacillus casei*, subsp. *rhamnosus* (ATCC 7469)

**EVS-EN ISO 16140:2003**

Hind 247,00

Identne ISO 16140:2003

ja identne EN ISO 16140:2003

**Toiduainete ja loomasööda mikrobioloogia. Alternatiivsete meetodite valideerimise protokoll.**

This EN ISO 16140 defines the general principle and the technical protocol for the validation of alternative methods in the field of microbiological analysis of food, animal feeding stuff and environmental and veterinary samples (see 5.1.1.2.1) for: - the validation of alternative methods which can be used in particular in the framework of the official control; - the international acceptance of the results obtained by the alternative method

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56827

Tähtaeg: 2003-11-01

Identne ISO/DIS 6887-2:2001

ja identne EN ISO 6887-2:2003

**Microbiology of food and animal feeding stuffs -**

**Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 2: Specific rules for the preparation of meat and meat products**

This Standard only describes method of preparation that are applicable to several microorganisms simultaneously

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11

**TERVISEHOOLDUS**

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HEALTH CARE  
TECHNOLOGY

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**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56684

Tähtaeg: 2003-10-01

Identne prEN 1064:2003

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

This standard covers the two-way digital transmission of remote requests and results between digital electrocardiographs (ECG carts) and heterogeneous computer systems (hosts). It documents 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

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11.020

Arstiteaduse

üldküsimumused

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Medical sciences in general

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**UUED STANDARDID**

**CEN/TS 14463:2003**

Hind 130,00

Identne CEN/TS 14463:2003

**Health informatics - A syntax to represent the content of medical classification systems (CIAML)**

The main purpose of this Technical Specification is to support the transfer of the majority of hierarchical healthcare classification systems between organisations and dissimilar software products. The Prestandard should therefore be rich enough to uniquely identify and describe the structure and the relevant elements in those systems

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## 11.040.01

### Meditsiinivarustus üldiselt

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Medical equipment in general

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#### UUED STANDARDID

**EVS-EN ISO 14155-2:2003**

Hind 101,00

Identne ISO 14155-2:2003

ja identne EN ISO 14155-2:2003

**Clinical investigation of medical devices for human subjects - Part 2: Clinical investigation plans**

This part of EN ISO 14155 provides requirements for the preparation of plans for the clinical investigation of Medical Devices. The compilation of a Clinical Investigation Plan (CIP) in accordance with the requirements of this Standard and adherence to it will help in optimising the scientific validity and reproducibility of a Clinical Investigation. This Standard does not apply to in vitro diagnostic medical devices.

**EVS-EN ISO 14971:2001/**

**A1:2003**

Hind 75,00

Identne ISO 14971:2000/A1:2003

**Medical devices - Application of risk management to medical devices - Amendment 1: Annex H - Rationale for requirements**

This International Standard specifies a procedure by which a manufacturer can identify the hazards associated with medical devices and their accessories, including in vitro diagnostic medical devices, estimate and evaluate the risks, control these risks and monitor the effectiveness of the control.

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## 11.040.10

### Anesteesia-, hingamis- ja reanimatsioonivarustus

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Anaesthetic, respiratory and reanimation equipment

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#### UUED STANDARDID

**EVS-EN 13826:2003**

Hind 139,00

Identne EN 13826:2003

**Peak expiratory flow meters**

This European Standard specifies requirements for peak expiratory flow meters (PEFM) intended for the assessment of pulmonary function in spontaneously breathing humans. This European Standard covers all devices that measure peak expiratory flow either as part of an integrated lung function device or as a stand-alone device

**EVS-EN ISO 11990:2003**

Hind 83,00

Identne ISO 11990:2003

ja identne EN ISO 11990:2003

**Optics and optical instruments - Lasers and laser-related equipment - Determination of laser resistance of tracheal tube shafts**

This International Standard specifies a method of testing the continuous wave (cw) laser resistance of the shaft of a tracheal tube

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## 11.040.50

### Radiograafiaseadmed

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Radiographic equipment

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#### KAVANDITE

**ARVAMUSKÜSITLUS**

prEVS 56771

Tähtaeg: 2003-11-01

Identne IEC 60601-2-26:2002

ja identne EN 60601-2-26:2003

**Medical electrical equipment - Part 2-26: Particular requirements for the safety of electroencephalographs**

Specifies the particular safety requirements for electroencephalographs, i.e. devices to produce an electroencephalogram. This Particular Standard amends and supplements IEC 60601-1 (1988): Medical electrical equipment - Part 1: General requirements for safety as amended by its Amendment 1 (1991) and Amendment 2 (1995)

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## 11.040.55

### Diagnostikaseadmed

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Diagnostic equipment

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#### KAVANDITE

**ARVAMUSKÜSITLUS**

prEVS 56772

Tähtaeg: 2003-11-01

Identne IEC 60601-2-51:2003

ja identne EN 60601-2-51:2003

**Medical electrical equipment - Part 2-51: Particular requirements for safety, including essential**

**performance, of recording and analysing single channel and multichannel electrocardiographs**

Establishes particular requirements, in addition to the requirements of IEC 60601-2-25, for the safety, including essential performance of recording and analysing single channel and multichannel electrocardiographs

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## 11.040.99

### Muud meditsiiniseadmed

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Other medical equipment

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#### KAVANDITE

**ARVAMUSKÜSITLUS**

prEVS 56771

Tähtaeg: 2003-11-01

Identne IEC 60601-2-26:2002

ja identne EN 60601-2-26:2003

**Medical electrical equipment - Part 2-26: Particular requirements for the safety of electroencephalographs**

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## 11.080

### Steriliseerimine

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Sterilization and disinfection

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#### UUED STANDARDID

**EVS-EN ISO 15882:2003**

Hind 57,00

Identne ISO 15882:2003

ja identne EN ISO 15882:2003

Sterilization of health care products - Chemical indicators - Guidance for selection, use and interpretation of results

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### 11.080.01

#### Steriliseerimine ja desinfitseerimine üldiselt

Sterilization and disinfection in general

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#### UUED STANDARDID

EVS-EN 554:2003

Hind 146,00

Identne EN 554:1994

**Meditsiiniseadmete steriliseerimine. Niiske kuumusega steriliseerimise valideerimine ja rutiinkontroll**  
Standard määratleb nõudmised meditsiiniseadmete niiske kuumusega steriliseerimisele, selle valideerimisele, protsessi kontrollimisele ja jälgimisele.

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 51901

Tähtaeg: 2003-10-01

Identne ISO/FDIS 17664:2003

ja identne prEN ISO 17664:2003

**Sterilization of medical devices - Information to be provided by the manufacturer for the processing of resterilizable medical devices**

This Standard specifies the information to be provided by the medical device manufacturer on the processing of medical devices claimed to be re-sterilizable and medical devices intended to be sterilized by the processor

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### 11.080.10

#### Steriliseerimisvahendid

Sterilizing equipment

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#### UUED STANDARDID

EVS-EN 14180:2003

Hind 199,00

Identne EN 14180:2003

**Sterilizers for medical purposes - Low temperature steam and formaldehyde sterilizers - Requirements and testing**

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

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### 11.080.20

#### Desinfektsiooni- ja antiseptilised vahendid

Disinfectants and antiseptics

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56708

Tähtaeg: 2003-10-01

Identne prEN 13727:2003

**Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants for instruments used in the medical area - Test method and requirements (phase 2, step 1)**

This European Standard specifies a test method and the minimum requirements for bactericidal activity of chemical disinfectant products that form a homogeneous, physically stable preparation when diluted with hard water - or in the case of ready-to-use products - with water.

Products can only be tested at a concentration of 80 % or less as some dilution is always produced by adding the test organisms and interfering substance

prEVS 56709

Tähtaeg: 2003-10-01

Identne prEN 13624:2003

**Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of fungicidal activity of chemical disinfectants for instruments used in the medical area - Test method and requirements (phase 2, step 1)**

This European Standard specifies a test method and the minimum requirements for fungicidal or yeasticidal activity of chemical disinfectant products that form a homogeneous, physically stable preparation when diluted with hard water or - in the case of ready-to-use products - with water.

Products can only be tested at a concentration of 80 % or less as some dilution is always produced by adding the test organisms and interfering substance

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### 11.100

#### Laboratoorne meditsiin

Laboratory medicine

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#### UUED STANDARDID

EVS-EN ISO 14155-1:2003

Hind 130,00

Identne ISO 14155-1:2003

ja identne EN ISO 14155-1:2003

**Clinical investigation of medical devices for human subjects - Part 1: General requirements**  
This part of ISO 14155 defines procedures for the conduct and performance of clinical investigations of medical devices

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### 13

#### KESKKONNA- JA TERVISEKAITSE. OHUTUS

ENVIRONMENT.

HEALTH PROTECTION. SAFETY

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#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56817

Tähtaeg: 2003-11-01

Identne prEN 50162:2003

**Protection against corrosion by stray current from direct current systems**

This standard establishes the general principles to be adopted to minimize the effects of stray current corrosion caused by direct-current (d.c.) on buried or immersed metal structures

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### 13.030

#### Jäätmed

Wastes

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#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56700

Tähtaeg: 2003-10-01

Identne prEN 14735:2003

**Characterization of waste - Preparation of waste samples for ecotoxicity tests**

This draft European standard describes the necessary steps to be performed before carrying out ecotoxicity tests on wastes. The purpose of this standard is to provide guidance on the taking of the sample, transport, storage of wastes and to define preparation, for the determination of ecotoxicological properties of

wastes under the conditions specified in this standard by biological testing either as raw wastes or water extracts from wastes

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### 13.030.01

#### Jäätmed üldiselt

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#### Wastes in general

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### UUED STANDARDID

EVS-EN 13370:2003

Hind 109,00

Identne EN 13370:2003

**Characterization of waste -**

**Analysis of eluates -**

**Determination of Ammonium, AOX, conductivity, Hg, phenol index, TOC, easily liberatable CN-, F**

This European Standard specifies methods for the determination of the parameters Ammonium, AOX, conductivity, Hg, phenol index, TOC, easily liberatable CN-, F- in aqueous eluates for the characterization of waste

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### 13.030.20

#### Vedelad jäätmed. Sete

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#### Liquid wastes. Sludge

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### KAVANDITE

### ARVAMUSKÜSITLUS

prEVS 56749

Tähtaeg: 2003-11-01

Identne prEN 14742:2003

**Characterization of sludges -**

**Laboratory chemical conditioning procedure**

The scope of this standard is sludges and sludge suspensions from: - storm water handling - urban wastewater collecting systems - urban wastewater treatment plants - treating industrial wastewater similar to urban wastewater (as defined in Directive 91/271/EEC) - water supply treatment plants. This method is applicable to sludge and sludge suspensions of other origin

prEVS 56750

Tähtaeg: 2003-11-01

Identne prEN 14701-1:2003

**Characterization of sludges -**

**Filtration properties - Part 1:**

**Capillary suction time (CST)**

The scope of this European Standard covers sludge and sludge suspensions from: - storm water handling - urban wastewater collecting systems - urban wastewater treatment plants -

treating industrial wastewater similar to urban wastewater (as defined in Directive 91/271/EEC) - water supply treatment plants. This method is also applicable to sludge suspensions from other origin

prEVS 56751

Tähtaeg: 2003-11-01

Identne prEN 14702-1:2003

**Characterization of sludges -**

**Settling properties - Part 1:**

**Determination of settleability**

**(Determination of the proportion of sludge volume and sludge volume index)**

The scope of this European Standard covers sludge suspensions from: - storm water handling; - urban wastewater collecting systems; - urban wastewater treatment plants; - treating industrial wastewater similar to urban wastewater (as defined in Directive 91/271 EEC); - water supply treatment plants. This method is also applicable to sludge suspensions from other origin

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### 13.030.40

#### Jäätmehoidlad ja jäätmekäitlusseadmed

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Installations and equipment for waste disposal and treatment

### KAVANDITE

### ARVAMUSKÜSITLUS

prEVS 56756

Tähtaeg: 2003-11-01

Identne prEN 840-5:2003

**Teisaldatavad**

**heitmekonteinerid. Osa 5:**

**Nõuded töomadustele ja**

**katsemeetodid**

This European Standard gives the test methods for mobile waste containers according to prEN 840-1 to prEN 840-4. It also gives the levels to be reached during the tests or after they have been done. This European Standard is applicable to mobile waste containers with capacities up to 1 700 l

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### 13.030.99

#### Muud jäätmetega seotud standardid

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Other standards related to wastes

### UUED STANDARDID

EVS-EN 14046:2003

Hind 130,00

Identne EN 14046:2003

**Packaging - Evaluation of the**

**ultimate aerobic**

**biodegradability and**

**disintegration of packaging**

**materials under controlled**

**composting conditions -**

**Method by analysis of released**

**carbon dioxide**

This European Standard specifies a method for the evaluation of the ultimate aerobic biodegradability of packaging materials based on organic compounds under controlled composting conditions by measurement of released carbon dioxide at the end of the test. This method is designed to resemble typical aerobic composting conditions for the organic fraction of mixed municipal solid waste

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### 13.060.01

#### Vee kvaliteet üldiselt

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#### Water quality in general

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### UUED STANDARDID

EVS 835:2003

Hind 229,00

Identne EVS 835:2003

**Kinnistu veevärgi**

**projekteerimine**

Käesolev standard kehtib kinnistute veevõrkidele, mis on ühendatud linna või asula ühisveevärgiga või kohaliku veevarustusallikaga. Kinnistu veevärgi all mõistetakse hoonesisest külma- ja soojaveetorustikku koos toruarmatuuriga,

veevarustusseadmeid ja maa-alust veetoru kinnistu piires ning sellest väljapoole kuni peakraanini .

Standardi nõudeid tuleb täita nii

uue kinnistu veevärgi

projekteerimisel, paigaldamisel,

katsetamisel kui ka olemasolevate

vee-võrkide remondil ja

ümberehitusel.

EVS 847-1:2003

Hind 101,00

Identne EVS 847-1:2003

**Ühisveevärk. Osa 1: Veehaarded**  
Standard kehtib ühis- või eraveevärgi veehaaretele ning on ette nähtud kasutamiseks veevärgi veeallika valikul, veehaarde tüübi ja asukoha valikul, veehaarde põhisõlmede projekteerimisel ja seadmete valikul ning veeallika ja veehaarde sanitaarkaitsealade projekteerimisel.

**EVS 847-2:2003**

Hind 109,00

Identne EVS 847-2:2003

**Ühisveevärk. Osa 2:**

**Veepuhastus**

Standard kehtib ühis- või eraveevärgi veekäitlusele ning on ette nähtud kasutamiseks veevärgi puhastusseadmete tüübi ja asukoha valikul, puhastusseadmete põhisõlmede projekteerimisel ja ehitusel. Standardi lisa B sisaldab soovituslikku abimaterjali projekteerijale.

**EVS 847-3:2003**

Hind 179,00

Identne EVS 847-3:2003

**Ühisveevärk. Osa 3: Veevärgi projekteerimine**

Standard kehtib ühisveevärgile, sõltumata selle omandivormist ning, on ette nähtud kasutada ühisveevärgi, sealhulgas pumplate ja veereservuaaride projekteerimisel, veetorustiku dimensioonimisel ja pumpade ning teiste abiseadmete valimisel. Standard on kasutatav nii uue ühisveevärgi rajamisel kui olemasoleva laiendamisel ja ümberehitamisel. Standardi lisad sisaldavad informatiivset, soovituslikku abimaterjali projekteerijale.

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**13.060.20**

**Joogivee kvaliteet**

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**Drinking water**

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**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 56694

Tähtaeg: 2003-10-01

Identne prEN 12873-2:2003

**Influence of materials on water intended for human consumption - Influence due to migration - Part 2: Test method for nonmetallic and non-cementitious site-applied materials**

This European Standard specifies a procedure to determine the migration of substances from non-

metallic and non-cementitious site-applied materials for use in contact with water intended for human consumption  
prEVS 56785

Tähtaeg: 2003-11-01

Identne prEN 12904:2003

**Products used for treatment of water intended for human consumption - Silica sand and silica gravel**

This European Standard is applicable to silica sand and silica gravel used for treatment of water intended for human consumption. It describes the characteristics of silica sand and silica gravel and specifies the requirements and the corresponding test methods for silica sand and silica gravel. It gives information on their use in water treatment

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**13.060.30**

**Reovee ärajuhtimine ja töötlemine**

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**Sewage water**

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**UUED STANDARDID**

**EVS 846:2003**

Hind 190,00

Identne EVS 846:2003

**Kinnistu kanalisatsioon**

Käesolev standard kehtib kinnistu kanalisatsioonile, mille kaudu reoveed suubuvad linna või asula ühiskanalisatsiooni või veekogusse. Kinnistu kanalisatsiooni all mõeldakse hoonesisest veeneeludega ühendatud kanalisatsioonitorustikku koos võimalike liseseadmetega (sulgeseadmed, pumplad, puhastusavad) ja kinnistu piires asuvat õuekanalisatsiooni koos kaevude ja võimalike kohtpuhastitega. Standardis ei käsitleta tulekustutusveega seonduvat. Standardi nõudeid tuleb täita nii uue kinnistu kanalisatsiooni projekteerimisel, paigaldamisel, katsetamisel kui ka olemasolevate kanalisatsioonisüsteemide ümberehitamisel.

**EVS 848:2003**

Hind 190,00

Identne EVS 848:2003

**Ühiskanalisatsioonivõrk**

Käesolev projekteerimisstandard kehtib hooneväliste isevoolsete kanalisatsioonivõrkude kohta, s.o hoonekollektorist või sajuvee restkaevust kohani, kus vesi jõuab reoveepuhastisse või suublasse. Hoonealused torustikud ja

kollektorid kuuluvad kanalisatsioonivõrgu hulka siis, kui nad ei ole osa kinnistukanalisatsioonist.

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**13.060.50**

**Vee keemilise koostise määramine**

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**Examination of water for chemical substances**

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**UUED STANDARDID**

**EVS-EN ISO 11905-1:2003**

Hind 101,00

Identne ISO 11905-1:1997

ja identne EN ISO 11905-1:1998

**Water quality - Determination of nitrogen - Part 1: Method using oxidative digestion with peroxodisulfate**

This part of ISO 11905 specifies a method for the determination of nitrogen present in water, in the form of free ammonia, ammonium, nitrite, nitrate and organic nitrogen compounds capable of conversion to nitrate under the oxidative conditions described\*

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**13.110**

**Masinate ohutus**

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**Safety of machinery**

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**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 56697

Tähtaeg: 2003-10-01

Identne prEN 415-6:2003

**Packaging machines safety - Part 6: Pallet wrapping machines**

This European Standard describes safety requirements for machine design, construction, installation, commissioning, operation, adjustment, maintenance and cleaning of loading unit securing machines

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**13.120**

**Ohutus kodus**

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**Domestic safety**

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**UUED STANDARDID**

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

Hind 101,00

Identne IEC 60335-2-2:2002

ja identne EN 60335-2-2:2003

**Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances**

Deals with the safety of electric vacuum cleaners and water-suction cleaning appliances. It also applies to motorized cleaning heads and current-carrying hoses for vacuum cleaners. These are for household use, including vacuum cleaners for animal grooming. The rated voltage is less than 250 V. This standard does not cover industrial appliances, nor special conditions such as explosive atmospheres

**EVS-EN 60335-2-4:2003**

Hind 126,00

Identne IEC 60335-2-4:2002

ja identne EN 60335-2-4:2002

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

Deals with the safety of electric spin extractors. It covers appliances with a capacity of less than 10 kg of dry cloth and a drum peripheral speed less than 50 m/s. The rated voltage is less than 250 V for single-phase appliances and 480 V for other appliances. It covers household use, and use by laymen in shops, in light industry and on farms

**EVS-EN 60335-2-6:2003**

Hind 130,00

Identne IEC 60335-2-6:2002

ja identne EN 60335-2-6:2003

**Household and similar electrical appliances - Safety - Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances**

Applicable to the safety of stationary electric cooking ranges, hobs, ovens and similar appliances, their rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral, and 480 V for other appliances

**EVS-EN 60335-2-8:2003**

Hind 83,00

Identne IEC 60335-2-8:2002

ja identne EN 60335-2-8:2003

**Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances**

Deals with the safety of electric shavers, hair clippers and similar appliances, their rated voltage being not more than 250 V, intended for household and similar purposes. Examples of similar appliances are those used for manicure and pedicure. Appliances intended to be used by laymen in shops and on farms, are within the scope of this standard. Examples of such appliances are animal clippers, animal shearers and appliances for hairdressers

**EVS-EN 60335-2-101:2003**

Hind 109,00

Identne IEC 60335-2-101:2002

ja identne EN 60335-2-101:2003

**Household and similar electrical appliances - Safety - Part 2-101: Particular requirements for vaporizers**

Deals with the safety of electric vaporizers for household and similar purposes, their rated voltage being not more than 250 V

**EVS-EN 60335-2-11:2003**

Hind 101,00

Identne IEC 60335-2-11:2002

ja identne EN 60335-2-11:2003

**Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers**

Deals with the safety of electric tumble dryers intended for household and similar purposes. The rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard also applies to the drying function of washing machines having a drying cycle

**EVS-EN 60335-2-12:2003**

Hind 83,00

Identne IEC 60335-2-12:2003

ja identne EN 60335-2-12:2003

**Safety of household and similar electrical appliances - Part 2-12: Particular requirements for warming plates and similar appliances**

Deals with the safety of electric warming plates, warming trays and similar appliances intended to keep food or vessels warm, for household and similar purposes, their rated voltage being not more than 250 V. Appliances intended to be used by laymen in shops, in light industry and on farms, are also within the scope of this standard.

**EVS-EN 60335-2-17:2003**

Hind 163,00

Identne IEC 60335-2-17:2002

ja identne EN 60335-2-17:2003

**Household and similar electrical appliances - Safety - Part 2-17: Particular requirements for blankets, pads and similar flexible heating appliances**

Deals with the safety of electric blankets, pads and other flexible appliances for heating the bed or human body, for household and similar purposes, their rated voltage being not more than 250 V. This standard also deals with the control units supplied with the appliance

**EVS-EN 60335-2-21:2003**

Hind 109,00

Identne IEC 60335-2-21:2002

ja identne EN 60335-2-21:2003

**Household and similar electrical appliances - Safety - Part 2-21: Particular requirements for storage water heaters**

**EVS-EN 60335-2-23:2003**

Hind 92,00

Identne IEC 60335-2-23:2003

ja identne EN 60335-2-23:2003

**Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for skin and hair care**

This standard deals with the safety of electric appliances for the care of skin or hair of persons or animals and intended for household and similar purposes, their rated voltage being not more than 250 V.

**EVS-EN 60335-2-41:2003**

Hind 92,00

Identne IEC 60335-2-41:2002

ja identne EN 60335-2-41:2003

**Household and similar electrical appliances - Safety - Part 2-41: Particular requirements for pumps**

Deals with the safety of electric pumps for liquids having a temperature not exceeding 90 deg C, with a rated voltage of not more than 250 V for single-phase and 480 V for other appliances. Examples of appliances within the scope of this standard are aquarium pumps; pumps for garden ponds; sludge pumps; submersible pumps; table fountain pumps; vertical wet pit pumps.

Pumps incorporated in appliances are not covered by this standard unless a specific reference is made

**EVS-EN 60335-2-43:2003**

Hind 83,00

Identne IEC 60335-2-43:2002  
ja identne EN 60335-2-43:2003

**Household and similar electrical appliances - Safety - Part 2-43: Particular requirements for clothes dryers and towel rails**

Deals with the safety of electric clothes dryers for drying textiles on racks located in a warm airflow and to electric towel rails, for household and similar purposes, their rated voltage being not more than 250 V. The clothes racks may be fixed or free-standing in a cabinet. The air circulation may be natural or forced. This standard does not apply to tumble dryers (refer to IEC 60335-2-11 for tumble dryers)

**EVS-EN 60335-2-52:2003**

Hind 101,00

Identne IEC 60335-2-52:2002  
ja identne EN 60335-2-52:2003

**Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for oral hygiene appliances**

Deals with the safety of electric oral hygiene appliances for households and similar purposes, their rated voltage being not more than 250 V. Examples of appliances covered by this standard are oral irrigators and toothbrushes

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

Hind 101,00

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

**Household and similar electrical appliances - Safety - Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam**

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

**EVS-EN 60335-2-55:2003**

Hind 83,00

Identne IEC 60335-2-55:2002

ja identne EN 60335-2-55:2003

**Household and similar electrical appliances - Safety - Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds**

Deals with the safety of electric appliances for use with aquariums and garden ponds for household and similar purposes, their rated voltage being not more than 250 V. Examples of appliances within the scope of this standard are aerators; aquarium heaters; automatic food dispensers; sludge-suction appliances

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56795

Tähtaeg: 2003-11-01

Identne IEC 60335-2-

11:2002/A1:2003

ja identne EN 60335-2-

11/prA1:2003

**Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers**

Deals with the safety of electric tumble dryers intended for household and similar purposes. The rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard also applies to the drying function of washing machines having a drying cycle

prEVS 56804

Tähtaeg: 2003-11-01

Identne IEC 60335-2-95:2002

ja identne prEN 60335-2-95:2003

**Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use**

Deals with the safety of electric drives for garage doors for residential use that open and close in a vertical direction, the rated voltage of the drives being not more than 250 V for single-phase and 480 V for other appliances. The hazards associated with the movement of these electrically driven garage doors is included

prEVS 56819

Tähtaeg: 2003-11-01

Identne IEC 60335-2-5:2002 + corr:2003  
ja identne EN 60335-2-5:2003

**Household and similar electrical appliances - Safety - Part 2-5: Particular**

**requirements for dishwashers**

Deals with the safety of electric dishwashers. The rated voltage is less than 250 V for single-phase appliances and 480 V for other appliances. For commercial electric dishwashing machines, see IEC 60335-2-58

prEVS 56820

Tähtaeg: 2003-11-01

Identne IEC 60335-2-9:2002

ja identne EN 60335-2-9:2003

**Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances**

Deals with the safety of electric portable appliances that have a cooking function, such as baking, roasting and grilling. Examples are barbecues for indoor use, contact grills, hotplates, food dehydrators, raclette grills, toasters and waffle irons. For stationary ovens and grills, see IEC 60335-2-6. For warming plates, see IEC 60335-2-12. For frying pans and deep fat fryers, see IEC 60335-2-13. For microwave ovens, see IEC 60335-2-25. For barbecues for outdoor use, see IEC 60335-2-78

prEVS 56821

Tähtaeg: 2003-11-01

Identne IEC 60335-2-30:2002

ja identne EN 60335-2-30:2003

**Household and similar electrical appliances - Safety - Part 2-30: Particular**

**requirements for room heaters**

Applicable to the safety of electric room heaters, their rated voltage being not more than 250 V for single phase and 480 V for other appliances, for household and similar purposes. Appliances intended to be used by laymen in shops, in light industry and on farms, are also within the scope of this standard

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**13.220**

**Tuleohutus**

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**Protection against fire**

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**UUED STANDARDID**

**EVS 620-6:2003**

Hind 66,00

Identne EVS 620-6:2003

**Tuleohutus. Tekstiilsed sisustusmaterjalid.**



Standard sätestab tekstiilsete sisustusmaterjalide kasutustingimused eri otstarbega ruumides, sõltuvalt materjalide põlemisomadustest.

**EVS 620-7:2003**

Hind 49,00

Identne EVS 620-7:2003

**Tuleohutus. Ehitusmaterjalid.**

**Põlevus**

Standard sätestab ehitusmaterjalide klassifitseerimise nende põlemisomaduste järgi.

**EVS 620-8:2003**

Hind 49,00

Identne EVS 620-8:2003

**Tuleohutus.**

**Põrandakattematerjalid.**

**Põlevus**

Standard sätestab põrandakattematerjalide klassifitseerimise nende põlemisomaduste järgi, nõuded neile ja katsetoodika.

**EVS 620-9:2003**

Hind 49,00

Identne EVS 620-9:2003

**Tuleohutus.**

**Katusekattematerjalid. Põlevus**

Standard sätestab

katusekattematerjalide

klassifitseerimise nende

põlemisomaduste järgi, nõuded

neile ja katsetoodika.

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## 13.220.10

### Tuletõrje

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#### Fire-fighting

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#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56757

Tähtaeg: 2003-11-01

Identne EN 1846-

2:2001/prA2:2003

**Firefighting and rescue service vehicles - Part 2: Common requirements - Safety and performance**

This part of this European Standard specifies the minimum requirements for safety and performance of firefighting and rescue service vehicles as designated in EN 1846-1.

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## 13.220.20

### Tulekaitsevahendid

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#### Fire protection

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#### UUED STANDARDID

**EVS-EN 12101-2:2003**

Hind 179,00

Identne EN 12101-2:2003

**Smoke and heat control systems - Part 2: Specification for natural smoke and heat exhaust ventilators**

This part of this European Standard specifies requirements and gives test methods for natural smoke and heat exhaust ventilators which are intended to be installed as a component of a natural smoke and heat exhaust system

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 38011

Tähtaeg: 2003-11-01

Identne prEN 45545-5:2003

**Railway applications - Fire protection on railway vehicles Part 5: Fire safety requirements for electrical equipment including that of trolley buses, track guided buses and magnetic levitation vehicles**

This part of the European Standard specifies the fire safety requirements for electrical equipment on railway vehicles, including that of trolley buses, track guided buses and magnetic levitation vehicles

prEVS 56677

Tähtaeg: 2003-10-01

Identne EN 54-4:1997/prA2:2003

**Automaatne**

**tulekahjusignalisatsioonisüsteem. Osa 4: Toiteplokid**

This European Standard specifies requirements, methods of test and performance criteria for power supply equipment (see component L of figure 1 of EN 54-1:1996) of fire detection and fire alarm systems installed in buildings.

prEVS 56748

Tähtaeg: 2003-11-01

Identne prEN 12101-4:2003

**Smoke and heat control systems - Part 4: Fire and smoke control installations - Kits**

This European Standard applies to smoke and heat exhaust ventilation components when used in combination or when sold as a kit, placed on the market, intended for use in smoke and heat exhaust ventilation systems installed in buildings

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## 13.220.40

### Materjalide ja toodete süttivus ning põlemislaad

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Ignitability and burning behaviour of materials and products

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#### UUED STANDARDID

**EVS-EN 71-2:2003**

Hind 117,00

Identne EN 71-2:2003

**Safety of toys - Part 2: Flammability**

This part of EN 71 specifies the categories of flammable materials which are prohibited in all toys, and requirements concerning flammability of certain toys when they are subjected to a small source of ignition. The test methods described in clause 5 are used for the purposes of determining the flammability of toys under the particular test conditions specified. The test results thus obtained cannot be considered as providing an overall indication of the potential fire hazard of toys or materials when subjected to other sources of ignition.

**EVS-EN 14533:2003**

Hind 66,00

Identne EN 14533:2003

**Textiles and textile products - Burning behaviour of bedding items - Classification scheme**

This European standard specifies a classification scheme for the burning behaviour of bedding items based on two ignition sources (smouldering cigarette and small open flame). The classification is applied to single bedding items only and not to complete bed assemblies

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## 13.220.50

### Ehitusmaterjalide ja -elementide tulepüsivus

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Fire-resistance of building materials and elements

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#### UUED STANDARDID

**EVS-EN 14187-7:2003**

Hind 75,00

Identne EN 14187-7:2003

**Cold applied joint sealants - Part 7: Test method for the determination of the resistance to flame**

This European Standard specifies a test method for determination of the resistance to flame of cold applied joint sealants for use in joints in roads, air fields and other exposed concrete pavements

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### 13.260

#### Elektrilõõgikaitse

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Protection against electric shock

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#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56796

Tähtaeg: 2003-11-01

Identne IEC 61478:2001/A1:2003

ja identne EN 61478:2001/

prA1:2003

#### Live working -Ladders of insulating material

Is applicable to fully insulating spliced or hook ladders with extension or having a combination of insulating and conductive sections and used for live working on a.c. or d.c. electrical installations at 1 000 V and above for a.c. and 1 500 V and above for d.c. This standard concerns only ladders made of synthetic material. These ladders are used, to provide access, generally on overhead line structures and to facilitate live working, either hot stick, barehanded or a combination of both.

prEVS 56799

Tähtaeg: 2003-11-01

Identne prEN 50397:2003

#### Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV a.c. and not exceeding 36 kV a.c. Part 1: Covered conductors

This Part 1 contains the requirements for covered conductors with or without integrated longitudinal watertightness and/or semi-conductive conductor screen for applications in overhead lines with rated voltages U above 1 kV a.c. and not exceeding 36 kV a.c.

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### 13.300

#### Kaitse ohtlike kaupade eest

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Protection against dangerous goods

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#### UUED STANDARDID

EVS-EN 14116:2003

Hind 163,00

Identne EN 14116:2003

#### Tanks for transport of dangerous goods - Digital interface for the product recognition device

This European Standard covers the digital interface at the product loading and/or discharge coupling which shall be used for the transfer of product related information and specifies the performance requirements, critical safety aspects and tests to provide compatibility of devices

EVS-EN ISO 16104:2003

Hind 212,00

Identne ISO 16104:2003

ja identne EN ISO 16104:2003

#### Pakend. Ohtlike kaupade veopakend. Katsemeetodid.

This Standard specifies the design type test requirements for packagings as described in 3.6 of this standard and intended for use in the transport of dangerous goods

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### 13.310

#### Kaitse kuritegevuse vastu

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Protection against crime

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#### UUED STANDARDID

CLC/TS 50131-3:2003

Hind 229,00

Identne CLC/TS 50131-3:2003

#### Alarm systems Intrusion systems Part 3: Control and indicating equipment

This Technical Specification specifies the requirements, testing procedures security and environmental performance criteria for control and indicating equipment (CIE) intended for use in intrusion alarm system (IAS) and hold-up alarm systems (HAS) installed in buildings

CLC/TS 50131-7:2003

Hind 199,00

Identne CLC/TS 50131-7:2003

#### Alarm systems Intrusion systems Part 7: Application guidelines

These application guidelines include guidance on the design, planning, operation, installation, commissioning and maintenance of IAS installed in buildings. Requirements for IAS are specified in EN 50131-1

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### 13.320

#### Häire- ja hoiatussüsteemid

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Alarm and warning systems

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#### UUED STANDARDID

EVS-EN 81-28:2003

Hind 109,00

Identne EN 81-28:2003

#### Safety rules for the construction and installation of lifts - Part 28: Remote alarms on passenger and goods passenger lifts

This standard applies to alarm systems for all types of passenger and goods passenger lifts, in particular those covered in the EN 81 series of standards. This standard also deals with the minimum information given to the owner of the installation related to maintenance and rescue service

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### 13.340

#### Kaitserõivad ja -vahendid

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Protective equipment

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#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 33224

Tähtaeg: 2003-10-01

Identne prEN 12841:2003

#### Personal protective equipment for prevention of falls from a height - Rope access systems - Rope adjustment devices for work positioning

This European Standard applies to rope adjustment devices intended for use in rope access systems. It specifies the requirements, test methods, marking and information supplied by the manufacturer. Rope adjustment devices conforming to this European Standard may be designed for the use of one or two persons simultaneously. The rope adjustment devices as specified are not suitable for use in a fall arrest system

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### 13.340.10

#### Kaitserõivad

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#### Protective clothing

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#### UUED STANDARDID

**EVS-EN 340:2003**

Hind 101,00

Identne EN 340:1993

#### Kaitseriietus. Üldnõuded

Standard sätestab üldnõuded kaitseriietuse ergonoomika, aegumise, märgistuse ja tootja poolt antava informatsiooni kohta.

**EVS-EN 13277-6:2003**

Hind 92,00

Identne EN 13277-6:2003

#### Protective equipment for martial arts - Part 6: Additional requirements and test methods for breast protectors for females

This European Standard specifies additional requirements and test methods for breast protectors for females used in unarmed martial arts such as Taekwondo, Karate, Kick-Boxing and similar disciplines

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56706

Tähtaeg: 2003-10-01

Identne prEN 14021:2003

#### Stone shields for off-road motorcycling suited to protect riders against stones and debris - Requirements and test methods

This European Standard specifies requirements and test methods for the stone shields to be worn by youths and adults of either sex while riding motorcycles in motocross and other off-road activities on dirt roads

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### 13.340.20

#### Pea kaitsevahendid

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#### Head protective equipment

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#### UUED STANDARDID

**EVS-EN 166:2003**

Hind 190,00

Identne EN 166:2001

#### Isiklikud silmakaitsevahendid.

#### Spetsifikatsioonid

Standard määratleb erinevat tüüpi silmade kaitsevahenditele esitatavad funktsionaalsed nõuded ning sisaldab põhilisi kaitsevahenditega seonduvaid aspekte, nagu näiteks: tähistused, klassifikatsioon, kõigi silmade kaitsevahendite osas kehtivad baasnõuded, erinevad eri- ja

täiendavad nõuded, nõuete jagunemine, testimine ja rakendamine, märgistamine, kasutajale vajalik informatsioon.

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56693

Tähtaeg: 2003-10-01

Identne EN 1385:1997/prA1:2003

#### Kiivrid aerutamiseks ja kärestikuspordiks

This European Standard specifies requirements for helmets for canoeing and white water sports for use in waters of classes 1 to 4 as classified by Clause 4. The levels of protection recognise that most fatalities in canoeing and white water sports result from drowning after concussion and not from brain damage.

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### 13.340.30

#### Respiraatorid

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#### Respiratory protective devices

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#### UUED STANDARDID

**EVS-EN 137:2003**

Hind 163,00

Identne EN 137:1993

#### Hingamisteede kaitsevahendid. Autonoomne avatud süsteemiga suruõhu-hingamisaparaat. Nõuded, katsetamine, märgistus

Standard laieneb hingamisteede kaitsevahendina kasutatavatele autonoomsetele avatud süsteemiga suruõhu-hingamisaparaatidele, välja arvatud hädaolukorras väljapääsemiseks ja sukeldumiseks ette nähtud aparaadid. See esitab üksikasjalised miinimumnõuded autonoomsetele avatud süsteemiga suruõhu-hingamisaparaatidele.

**EVS-EN 141:2003**

Hind 139,00

Identne EN 141:2000

#### Hingamisteede kaitsevahendid.

#### Gaasifiltrid ja kombineeritud

#### filtrid. Nõuded, katsetamine,

#### märgistus

Standard käsitleb gaasifiltreid ja kombineeritud filtreid, mis on mõeldud kasutamiseks iseseisvate hingamisteede kaitsevahendite komponenditena. Standard ei käsitte kergkeevate orgaaniliste ühendite eest kaitsvaid AX filtreid, teatud erihendite eest kaitsvaid SX filtreid ja CO filtreid.

**EVS-EN 149+AC:2003**

Hind 179,00

Identne EN 149 + AC:2002:2001

#### Hingamisteede kaitsevahendid.

#### Lenduvate osakeste eest

#### kaitsvad filtreerivad

#### poolmaskid. Nõuded,

#### katsetamine, märgistus

Standard sätestab

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

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### 13.340.40

#### Kaitsekindad

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#### Protective gloves

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#### UUED STANDARDID

**EVS-EN 420:2003**

Hind 139,00

Identne EN 420:1994

#### Üldnõuded kinnastele

Standard määratleb kõigi kaitsekinnaste ergonoomika, kinnaste materjali, hea nähtavuse, ohutuse, puhastamise, mugavuse ja efektiivsuse, tähistamise ja lisainformatsiooni osas kehtivad üldised nõuded

**EVS-EN 659:2003**

Hind 83,00

Identne EN 659:2003

#### Tuletõrjajate kaitsekindad

This standard defines minimum performance requirements and test methods for firefighters' protective gloves. This standard applies only to firefighters' protective gloves which protect the hands during normal firefighting, including search and rescue. These gloves are not intended for deliberate handling of liquid chemicals, but provide some protection against accidental contact with chemicals. Protective gloves for special operations within firefighting service are excluded from the scope of this standard

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### 17.040.01

#### Joon- ja nurgamõõtmised

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#### üldiselt

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#### Linear and angular measurements in general

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#### UUED STANDARDID

**EVS-EN ISO 1:2003**

Hind 57,00

Identne ISO 1:2002

ja identne EN ISO 1:2002  
**Geometrical Product Specifications (GPS) - Standard reference temperature for geometrical product specifications and verification**  
This International Standard specifies the standard reference temperature for geometrical product specification and verification

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## 17.100

### Jõu, kaalu ja rõhu mõõtmine

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Measurement of force, weight and pressure

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## UUED STANDARDID

**EVS-EN 562:2003**

Hind 101,00

Identne EN 562:2003

**Gas welding equipment - Pressure gauges used in welding, cutting and allied processes**

This European Standard specifies requirements for Bourdon-tube pressure gauges normally used with compressed gases at pressures up to 300 bar in welding, cutting and allied processes. It also covers use for dissolved acetylene and for liquefied gases under pressure. It does not cover gauges for acetylene in acetylene manufacturing plants

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## 17.140.20

### Masinate ja seadmete müra

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Noise emitted by machines and equipment

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## UUED STANDARDID

**EVS-EN 13023:2003**

Hind 212,00

Identne EN 13023:2003

**Noise measurement methods for printing, paper converting, paper making machines and auxiliary equipment - Accuracy grades 2 and 3**

This standard specifies all the information necessary to carry out efficiently and under standardized conditions the determination, declaration and verification of airborne noise emission from printing and paper converting machines covered by the EN 1010 series and from paper making and finishing machines covered by the

EN 1034 series. It specifies noise measurement methods and installation and operating conditions to be used for the test

## KAVANDITE ARVAMUSKÜSITLUS

prEVS 21404

Tähtaeg: 2003-11-01

Identne IEC 60704-2-6:2003

ja identne prEN 60704-2-6:2003

**Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-6: Particular requirements for tumble dryers**

Applies to the methods of determination of airborne acoustical noise emitted by tumble dryers for household and similar use. This standard applies to single unit electric tumble dryers intended for placing on the floor against a wall, for building in or placing under a counter, a kitchen work-top or under a sink, for wall-mounting or for mounting on a counter. For the purpose of this standard, washer-dryer combinations, when operated as a dryer, are considered as a tumble dryer

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## 17.140.50

### Elektroakustika

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Electroacoustics

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## UUED STANDARDID

**EVS-EN 60118-2:2003**

Hind 139,00

Identne IEC 60118-2:1983 + A2:1997

ja identne EN 60118-2:1995 + A2:1997

**Hearing aids. Part 2: Hearing aids with automatic gain control circuits**

Gives uniform methods for specifying dynamic and static performance characteristics of hearing aids with automatic gain control circuits together with the relevant methods of measurement for these characteristics

**EVS-EN 60118-7:2003**

Hind 130,00

Identne IEC 118-7:1983 + A1:1994

ja identne EN 60118-7:1993 + A1:1994

**Hearing aids. Part 7: Measurement of performance characteristics of hearing aids for quality inspection for delivery purposes**

Gives recommendations for the measurement of performance characteristics of air-conduction hearing aids of a particular model for the purpose of comparing measured properties with those specified by the manufacturer. Describes practical reproducible methods for determining the compliance of a limited number of electroacoustical and electrical characteristics of delivered hearing aids with nominal performance data supplied by the manufacturer

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## 17.180.20

### Värvused ja valguse mõõtmine

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Colours and measurement of light

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## UUED STANDARDID

**EVS-EN 13363-1:2003**

Hind 92,00

Identne EN 13363-1:2003

**Solar protection devices combined with glazing - Calculation of solar and light transmittance - Part 1: Simplified method**

This European Standard specifies a simplified method based on the thermal transmittance and total solar energy transmittance of the glazing and on the light transmittance and reflectance of the solar protection device to estimate the total solar energy transmittance of a solar protection device combined with glazing

**EVS-ISO 10526:2003**

Hind 83,00

Identne ISO 10526:1999

**CIE standard illuminants for colorimetry**

This International Standard specifies two illuminants for use in colorimetry. The illuminants, which are defined in clauses 4 and 5 of this International Standard, are as follows a) CIE standard illuminant A; b) CIE standard illuminant D65

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**17.220****Elekter. Magnetism.  
Elektrilised ja  
magnetilised m o tmised**

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Electricity. Magnetism.  
Electrical and magnetic  
measurements

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**UUED STANDARDID****EVS-EN 61788-11:2003**

Hind 117,00

Identne IEC 61788-11:2003  
ja identne EN 61788-11:2003**Superconductivity - Part 11:****Residual resistance ratio  
measurement - Residual  
resistance ratio of Nb3Sn  
composite superconductors**

Covers a test method for the determination of the residual resistance ratio (RRR) of Nb3Sn composite conductors. This method is intended for use with superconductor specimens that have a monolithic structure with a rectangular or round cross section, RRR less than 350 and cross-sectional area less than 3 mm<sup>2</sup>, and have received a reaction heat-treatment. Ideally, it is intended that the specimens are as straight as possible; however, this is not always the case, thus care must be taken to measure the specimen in its as received condition. All measurements are done without an applied magnetic field. The method described in the body of this standard is the "reference" method; optional acquisition methods are outlined in Annex A

**KAVANDITE****ARVAMUSK SITLUS**

prEVS 56653

T htaeg: 2003-10-01

Identne IEC 61788-13:2003  
ja identne EN 61788-13:2003**Superconductivity - Part 13: AC  
loss measurements -****Magnetometer methods for  
hysteresis loss in Cu/Nb-Ti  
multifilamentary composites**

Describes considerations for the measurement of hysteretic loss in Cu/Nb-Ti multifilamentary composites using DC- or low-ramp-rate magnetometry. Focuses on the measurement of hysteretic loss in multifilamentary Cu/Nb-Ti composite conductors.

Measurements are assumed to be on round wires with temperatures at or near 4,2 K. DC or low-ramp-

rate magnetometry will be performed using either a superconducting quantum interference device (SQUID magnetometer) or a vibrating-sample magnetometer (VSM). In case differences between the calibrated magnetometer results are noted, the VSM results, extrapolated to zero ramp rate, will be taken as definitive

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**17.220.20****Elektriliste ja magnetiliste  
suuruste m o tmine**

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Measurement of electrical  
and magnetic quantities

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**UUED STANDARDID****EVS-EN 50366:2003**

Hind 163,00

Identne EN 50366:2003

**Household and similar  
electrical appliances -  
Electromagnetic fields -  
Methods for evaluation and  
measurement**

This European Standard deals with electromagnetic fields and defines methods for evaluating the electric field and the magnetic field for frequencies up to 300 GHz around household and similar electrical appliances

**EVS-EN 62053-11:2003**

Hind 117,00

Identne IEC 62053-11:2003

ja identne EN 62053-11:2003

**Electricity metering equipment  
(a.c.) - Particular requirements -  
Part 11: Electromechanical  
meters for active energy (classes  
0,5, 1 and 2)**

applies only to newly manufactured electromechanical watt-hour meters of accuracy classes 0,5, 1 and 2, for the measurement of alternating current electrical active energy in 50 Hz or 60 Hz networks and it applies to their type tests only. It applies only to electromechanical watt-hour meters for indoor and outdoor application consisting of a measuring element and register(s) enclosed together in a meter case.

It also applies to operation indicator(s) and test output(s)

**EVS-EN 62053-21:2003**

Hind 146,00

Identne IEC 62053-21:2003

ja identne EN 62053-21:2003

**Electricity metering equipment  
(a.c.) - Particular requirements -  
Part 21: Static meters for active  
energy (classes 1 and 2)**

applies only to newly manufactured static watt-hour meters of accuracy classes 1 and 2, for the measurement of alternating current electrical active energy in 50 Hz or 60 Hz networks and it applies to their type tests only. It applies only to static watt-hour meters for indoor and outdoor application consisting of a measuring element and register(s) enclosed together in a meter case

**EVS-EN 62053-22:2003**

Hind 126,00

Identne IEC 62053-22:2003

ja identne EN 62053-22:2003

**Electricity metering equipment  
(a.c.) - Particular Requirements  
- Part 22: Static meters for active  
energy (classes 0,2 S and 0,5 S)**

applies only to newly manufactured static watt-hour meters of accuracy classes 0,2 S and 0,5 S, for the measurement of alternating current electrical active energy in 50 Hz or 60 Hz networks and it applies to their type tests only

**EVS-EN 62053-23:2003**

Hind 130,00

Identne IEC 62053-23:2003

ja identne EN 62053-23:2003

**Electricity metering equipment  
(a.c.) - Particular requirements -  
Part 23: Static meters for  
reactive energy (classes 2 and 3)**

applies only to newly manufactured static var-hour meters of accuracy classes 2 and 3, for the measurement of alternating current electrical reactive energy in 50 Hz or 60 Hz networks and it applies to their type tests only. For practical reasons, this standard is based on a conventional definition of reactive energy for sinusoidal currents and voltages containing the fundamental frequency only

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**17.220.99****Muud elektri ja  
magnetismiga seotud  
standardid**

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Other standards related to  
electricity and magnetism

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**UUED STANDARDID****EVS-EN 60156:2003**

Hind 101,00

Identne IEC 156:1995

ja identne EN 60156:1995

**Insulating liquids - Determination of the breakdown voltage at power frequency - Test method**  
Describes an empirical test procedure intended to indicate the presence of contaminants such as water and solid suspended matter, and the advisability of carrying out drying and filtration treatment. Standardized testing procedures and equipment are essential for the unambiguous interpretation of test results

**EVS-EN 60243-1:2003**

Hind 155,00

Identne IEC 60243-1:1998

ja identne EN 60243-1:1998

**Electrical strength of insulating materials - Test methods - Part 1: Tests at power frequencies**

Gives test methods for the determination of the short-time electric strength of solid insulating materials at power frequencies between 48 Hz and 62 Hz. It does not consider the testing of liquids and gases

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**19.020**

**Katsetingimused ja - protseduurid üldiselt**

Test conditions and procedures in general

---

**UUED STANDARDID**

**EVS-EN 60216-5:2003**

Hind 139,00

Identne IEC 60216-5:2003

ja identne EN 60216-5:2003

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

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

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**19.100**

**Mittepurustav katsetamine**

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**Non-destructive testing**

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56705

Tähtaeg: 2003-10-01

Identne prEN 13860-3:2003

**Non-destructive testing - Eddy current examination -**

**Equipment characteristics and verification - Part 3: System characteristics and verification**

This European Standard identifies the functional characteristics of a general purpose eddy current system and provides methods for their measurement and verification

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**21.020**

**Masinate, aparaatide, seadmete karakteristikud ja konstruktsioon**

Characteristics and design of machines, apparatus, equipment

---

**UUED STANDARDID**

**EVS-EN ISO 3952-2:2003**

Hind 101,00

Identne ISO 3952-2:1981

ja identne EN ISO 3952-2:1994

**Kinemaatikaskaemid -**

**Graafilised sümbolid - Osa 2**

This International Standard establishes the graphical symbols for elements of kinematic diagrams of products in all branches of industry

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**21.060.10**

**Poldid, kruvid, tikkpoldid**

Bolts, screws, studs

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**UUED STANDARDID**

**EVS-EN ISO 1580:2003**

Hind 57,00

Identne ISO 1580:1994

ja identne EN ISO 1580:1994

**Slotted pan head screws - Product grade A**

This International Standard specifies the characteristics of slotted pan head of product grade A and with threads from M1,6 to M10 inclusive

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**21.060.70**

**Klambrid ja obadused**

Clamps and stables

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**UUED STANDARDID**

**EVS-EN 13411-5:2003**

Hind 126,00

Identne EN 13411-5:2003

**Terminations for steel wire ropes - Safety - Part 5: U-bolt wire rope grips**

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

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**21.060.99**

**Muud kinnitusvahendid**

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**Other fasteners**

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**UUED STANDARDID**

**EVS-EN 912:2003**

Hind 170,00

Identne EN 912:1999 + AC:2000

**Timber fasteners -**

**Specifications for connectors for timber**

This standard defines the dimensions and the materials of certain well-established connectors for use in joints between members in loadbearing timber structures

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**23.020.01**

**Gaasi- ja vedelikumahutid üldiselt**

Fluid storage devices in general

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**UUED STANDARDID**

**EVS-EN 13160-1:2003**

Hind 170,00

Identne EN 13160-1:2003

**Leak detection systems - Part 1: General principles**

This European Standard specifies the general principles for leak detection systems for use with double-skin tanks, single-skin tanks and pipework designed for water polluting fluids

**EVS-EN 13160-2:2003**

Hind 139,00

Identne EN 13160-2:2003

**Leak detection systems - Part 2: Pressure and vacuum systems**

This European Standard specifies the requirements for leak detection systems class I for use with double-skin systems, designed for water polluting fluids

**EVS-EN 13160-3:2003**

Hind 117,00

Identne EN 13160-3:2003

**Leak detection systems - Part 3: Liquid systems for tanks**

This European Standard specifies the requirements for leak detection systems class II for use with double-skin tanks designed for water polluting fluids

**EVS-EN 13160-4:2003**

Hind 130,00

Identne EN 13160-4:2003

**Leak detection systems - Part 4: Liquid and/or vapour sensor systems for use in leakage containments or interstitial spaces**

This standard specifies the requirements for leak detection systems - class III for use in the interstitial space of double-skin systems or in leakage containments of single skin systems designed for water polluting fluids

**EVS-EN 13160-6:2003**

Hind 66,00

Identne EN 13160-6:2003

**Leak detection systems - Part 6: Sensors in monitoring wells**

This European Standard specifies the requirements for leak detection systems class V for use with systems designed for fuels which are flammable, having a flash point up to but not exceeding 100 °C

**EVS-EN 13160-7:2003**

Hind 146,00

Identne EN 13160-7:2003

**Leak detection systems - Part 7: General requirements and test methods for interstitial spaces, leak protecting linings and leak protecting jackets**

This European Standard specifies the type test of the interstitial space and the general requirements and test methods for leak protecting linings and leak protecting jackets which are parts of leak detection systems

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### 23.020.10

**Stationsaarsed mahutid ja reservuaarid**

Stationary containers and tanks

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### UUED STANDARDID

**EVS 1993-4-2:2003**

Hind 199,00

Identne EVS 1993-4-2:2003

**Teraskonstruksioonid. Osa 4-2: Vedelikumahutid**

EVS 1993-4-2 rakendub maapealsetele püstsilindrilistele terasmahutitele, mis on ette nähtud järgmiste parameetritega vedelike salvestamiseks: a) mahuti siserõhk on piirides -100 mbar kuni +500 mbar; b) metalli projekttemperatuur on vahemikus -196 °C kuni +300 °C; c) maksimaalne vedelikunivoo pole

kõrgem kui projekteeritava mahuti korpuse ülaseriv. EVS 1993-4-2 puudutab ainult terasmahutite tugevust ja stabiilsust. Teiste nõuete (näiteks ohutuse, valmistamise, montaaži ja katsetamise, funktsionaalsete nõuete, sissepääsuavade, flanõide, täiteseadmete jms) osas tuleb juhinduda Euroopa standardi kavandist prEN 14015-1. Seismilise projekteerimise erinõuete eeskirjad on antud Euroopa eelstandardis ENV 1998-4 "Eurocode 8: Design of structures for earthquake resistance - Part 4: Silos, tanks, and pipelines", mis täiendab või kohaldab ENV 1993 ja EVS 1993 eeskirju selles osas.

Raudbetoonvundamente terasmahutite jaoks käsitlevad EVS 1992 ja EVS 1997.

Vedelikumahutite koormuste määramise eeskirjad on toodud käesoleva standardi lisas. Käesolev standard ei kata: - ujuvkatused ja - katteid, - vastupanu tulekahjule (vt EVS 1993-1-2).

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### 23.020.20

**Transpordivahenditele monteeritud anumad ja mahutid**

Vessels and containers mounted on vehicles

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### UUED STANDARDID

**EVS-EN 14116:2003**

Hind 163,00

Identne EN 14116:2003

**Tanks for transport of dangerous goods - Digital interface for the product recognition device**

This European Standard covers the digital interface at the product loading and/or discharge coupling which shall be used for the transfer of product related information and specifies the performance requirements, critical safety aspects and tests to provide compatibility of devices

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### 23.020.30

**Surveanumad, gaasiballoonid**

Pressure vessels, gas cylinders

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### UUED STANDARDID

**EVS-EN 417:2003**

Hind 163,00

Identne EN 417:2003

**Mittekorduva täitmise, ventiiliga või ilma ventiiliga, metallist gaasipadrunid vedelgaasile, kasutamiseks portatiivsetes seadmetes.**

**Konstruksioon, kontrollimine, katsetamine ja märgistamine**  
Käesolev standard määratleb materjali, konstruktsiooni, kontrollimise ja märgistamise nõuded mittekorduva täitmise, ventiiliga või ilma ventiiliga, metallist vedelgaasipadrunit kasutamiseks portatiivsetes seadmetes, mis on vastavuses EN 521 nõuetega. Portatiivsed seadmed töötavad vedelgaasimahutist lähtuva aururõhu toimel

**EVS-EN 14189:2003**

Hind 75,00

Identne EN 14189:2003

**Transportable gas cylinders - Inspection and maintenance of cylinder valves at time of periodic inspection of gas cylinders**

This European Standard defines the requirements for examination and full refurbishment to be fulfilled for valves at time of periodic inspection of gas cylinders, bundles, drums and trailers, hereafter designated by the general term gas cylinders. This standard may also be applied to cylinder valves at any other time, e.g. at change of gas service (see EN 1795)

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### KAVANDITE

**ARVAMUSKÜSITLUS**

prEVS 19519

Tähtaeg: 2003-10-01

Identne prEN 13096:2003

**Transportable gas cylinders - Conditions for filling gases into receptacles - Single component gases**

This European Standard specifies the general requirements (such as charging pressure, filling factor etc.) for filling single gas receptacles, manifolds gas cylinders (bundles) tubes and drums with single component gases

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**23.020.40****Krüoogenanumad**

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**Cryogenic vessels**

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**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 56675

Tähtaeg: 2003-10-01

Identne EN 13530-

2:2002/prA1:2003

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

This European Standard specifies requirements for the design, fabrication, inspection and testing of large transportable vacuum insulated cryogenic vessels of more than 1 000 l volume, which are permanently (fixed tanks) or not permanently (dismountable tanks) attached to a vehicle, for carriage by road. However, it can be used for other mode of transport providing the specific regulations/requirements are complied with

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**23.040.01****Torustike osad ja torustikud üldiselt**

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**Pipeline components and pipelines in general**

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**UUED STANDARDID****EVS-EN ISO 6708:2003**

Hind 57,00

Identne ISO 6708:1995

ja identne EN ISO 6708:1995

**Torustikuelemendid. DN (nimiläbimõõdu) määratlus ja valik. (ISO 6708:1995)**

Standardis on antud DN

(nimiläbimõõdu) määratlus

torustiku elementide kohta. nagu

seda käsitletakse standardites,

milles on kasutatud DN-tähist

süsteemi. Standardis on esitatud ka

DN eelisarvude rida.

**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 56703

Tähtaeg: 2003-10-01

Identne prEN 14419:2003

**District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks - Surveillance systems**

This European Standard specifies basic functional requirements for surveillance systems for district heating pipe systems, specific requirements for measuring elements and their installation within preinsulated bonded pipes, valves and fittings, and the field assembly of these measuring elements in pipe joints

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**23.040.10****Malm- ja terastorud**

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**Iron and steel pipes**

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**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 56766

Tähtaeg: 2003-11-01

Identne EN 10216-2:2002/

prA1:2003

**Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties**

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

prEVS 56767

Tähtaeg: 2003-11-01

Identne EN 10216-

3:2002/prA1:2003

**Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 3: Alloy fine grain steel tubes**

This Part of EN 10216 specifies the technical delivery conditions in two test categories for seamless tubes of circular cross section, made of weldable alloyed fine grained steel.

prEVS 56768

Tähtaeg: 2003-11-01

Identne EN 10216-4:2002/

prA1:2003

**Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 4: Non-alloy and alloy steel tubes with specified low temperature properties**

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

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**23.040.70****Voolikud ja voolikuühendused**

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**Hoses and hose assemblies**

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**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 56665

Tähtaeg: 2003-10-01

Identne prEN 1763:2003

**Flexible rubber and plastics hose, tubing, nozzles and assemblies for use with propane and butane in the vapour phase - Specification**

This European Standard specifies: - the properties and performance requirements for tubing, hoses and assemblies made of either rubber or plastics in sizes up to a nominal diameter of 12,5 mm for use with commercial propane and butane and mixtures thereof, in the vapour phase, for the connection of appliances (i.e. for instance, from a cylinder to a regulator, a regulator to an appliance or to a metal tube) in environments between a minimum ambient temperature of -30 °C and a maximum ambient temperature of +60 °C

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**23.040.99****Muud torustike komponendid**

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**Other pipeline components**

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**UUED STANDARDID****EVS-EN 13160-1:2003**

Hind 170,00

Identne EN 13160-1:2003

**Leak detection systems - Part 1: General principles**

This European Standard specifies the general principles for leak detection systems for use with double-skin tanks, single-skin tanks and pipework designed for water polluting fluids

**EVS-EN 13160-2:2003**

Hind 139,00

Identne EN 13160-2:2003

**Leak detection systems - Part 2: Pressure and vacuum systems**

This European Standard specifies the requirements for leak detection systems class I for use with double-skin systems, designed for water polluting fluids

**EVS-EN 13160-3:2003**

Hind 117,00

Identne EN 13160-3:2003



**Leak detection systems - Part 3:  
Liquid systems for tanks**

This European Standard specifies the requirements for leak detection systems class II for use with double-skin tanks designed for water polluting fluids

**EVS-EN 13160-4:2003**

Hind 130,00

Identne EN 13160-4:2003

**Leak detection systems - Part 4:  
Liquid and/or vapour sensor  
systems for use in leakage  
containments or interstitial  
spaces**

This standard specifies the requirements for leak detection systems - class III for use in the interstitial space of double-skin systems or in leakage containments of single skin systems designed for water polluting fluids

**EVS-EN 13160-6:2003**

Hind 66,00

Identne EN 13160-6:2003

**Leak detection systems - Part 6:  
Sensors in monitoring wells**

This European Standard specifies the requirements for leak detection systems class V for use with systems designed for fuels which are flammable, having a flash point up to but not exceeding 100 °C

**EVS-EN 13160-7:2003**

Hind 146,00

Identne EN 13160-7:2003

**Leak detection systems - Part 7:  
General requirements and test  
methods for interstitial spaces,  
leak protecting linings and leak  
protecting jackets**

This European Standard specifies the type test of the interstitial space and the general requirements and test methods for leak protecting linings and leak protecting jackets which are parts of leak detection systems

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**23.060.30**

**Siibrid**

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**Gate valves**

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**UUED STANDARDID**

**EVS-EN 12288:2003**

Hind 139,00

Identne EN 12288:2003

**Industrial valves - Copper alloy  
gate valves**

This European Standard applies to copper alloy gate valves for general use having flanged, threaded, capillary, compression or loose nut/union body ends. This standard specifies the design and performance requirements including materials, pressure/temperature ratings, dimensions, test procedures and marking

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**23.060.40**

**Rõhuregulaatorid**

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**Pressure regulators**

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**UUED STANDARDID**

**EVS-EN 13953:2003**

Hind 109,00

Identne EN 13953:2003

**Pressure relief valves for  
transportable refillable cylinders  
for Liquefied Petroleum Gas  
(LPG)**

This European Standard specifies the design, testing and marking requirements for spring loaded pressure relief valves, for use in liquefied petroleum gas (LPG) cylinders. These valves can be either an integral part of a cylinder valve or a separate device. This European Standard does not exclude the use of other designs of pressure relieving devices that provide a similar level of safety

**EVS-EN 14189:2003**

Hind 75,00

Identne EN 14189:2003

**Transportable gas cylinders -  
Inspection and maintenance of  
cylinder valves at time of  
periodic inspection of gas  
cylinders**

This European Standard defines the requirements for examination and full refurbishment to be fulfilled for valves at time of periodic inspection of gas cylinders, bundles, drums and trailers, hereafter designated by the general term gas cylinders. This standard may also be applied to cylinder valves at any other time, e.g. at change of gas service (see EN 1795)

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**23.080**

**Pumbad**

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**Pumps**

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**UUED STANDARDID**

**EVS-EN 60335-2-41:2003**

Hind 92,00

Identne IEC 60335-2-41:2002

ja identne EN 60335-2-41:2003

**Household and similar  
electrical appliances - Safety -  
Part 2-41: Particular  
requirements for pumps**

Deals with the safety of electric pumps for liquids having a temperature not exceeding 90 deg C, with a rated voltage of not more than 250 V for single-phase and 480 V for other appliances.

Examples of appliances within the scope of this standard are aquarium pumps; pumps for garden ponds; sludge pumps; submersible pumps; table fountain pumps; vertical wet pit pumps.

Pumps incorporated in appliances are not covered by this standard unless a specific reference is made

**EVS-EN 60335-2-51:2003**

Hind 83,00

Identne IEC 60335-2-51:2002

ja identne EN 60335-2-51:2003

**Household and similar  
electrical appliances - Safety -  
Part 2-51: Particular  
requirements for stationary**

**circulation pumps for heating  
and service water installations**

Deals with the safety of electric stationary circulation pumps intended for use in heating systems or in service water systems, having a rated power input not exceeding 300 W, their rated voltage being not more than 250 V for single-phase and 480 V for other appliances. Hydraulic and electric parts of the pump may be in the same enclosure, so that the water serves as a coolant, or they maybe separate. This standard does not apply to pumps for circulating liquids other than water; pumps, other than circulation pumps (IEC 60335-2-41); circulation pumps intended exclusively for industrial purposes; circulation pumps intended for locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapor, or gas)

**EVS-EN ISO 5198:2003**

Hind 259,00

Identne ISO 5198:1987  
ja identne EN ISO 5198:1998  
**Centrifugal, mixed flow and axial pumps - Code for hydraulic performance tests - Precision class**  
This International Standard specifies precision class hydraulic performance tests for centrifugal, mixed flow and axial pumps

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## 23.120

### **Ventilaatorid. Puhurid. Kliimaseadmed**

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Ventilators. Fans. Air-conditioners

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## **UUED STANDARDID**

### **EVS-EN 12101-2:2003**

Hind 179,00

Identne EN 12101-2:2003

**Smoke and heat control systems - Part 2: Specification for natural smoke and heat exhaust ventilators**

This part of this European Standard specifies requirements and gives test methods for natural smoke and heat exhaust ventilators which are intended to be installed as a component of a natural smoke and heat exhaust system

### **EVS-EN 60335-2-40:2003**

Hind 130,00

Identne IEC 60335-2-40:2002

ja identne EN 60335-2-40:2003

**Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers**

Deals with the safety of electric heat pumps, including sanitary hot water heat pumps, air-conditioners, and dehumidifiers incorporating sealed motor-compressors. The maximum rated voltage being not more than 250 V for single phase and 600 V for all other appliances. The referenced appliances may consist of one or more assemblies. If provided in more than one assembly, the assemblies are to be used together, and the requirements are based on the use of matched assemblies.

Supplementary heaters, or a provision for their separate installation, are within the scope of this standard, but only heaters which are designed as a part of the appliance package, the controls being incorporated in the appliance

## **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 56714

Tähtaeg: 2003-10-01

Identne IEC 60335-2-65:2002

ja identne EN 60335-2-65:2003

**Household and similar electrical appliances - Safety - Part 2-65: Particular requirements for air-cleaning appliances**

Deals with the safety of electric air-cleaning appliances, their rated voltage being not more than 250 V for single phase and 480 V for other appliances, for household purposes. Also includes appliances intended to be used by laymen in shops, in light industry and on farms

prEVS 56748

Tähtaeg: 2003-11-01

Identne prEN 12101-4:2003

**Smoke and heat control systems - Part 4: Fire and smoke control installations - Kits**

This European Standard applies to smoke and heat exhaust ventilation components when used in combination or when sold as a kit, placed on the market, intended for use in smoke and heat exhaust ventilation systems installed in buildings

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## 25.040

### **Tööstusautomaatika süsteemid**

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Industrial automation systems

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## **UUED STANDARDID**

### **EVS-EN 61131-3:2003**

Hind 295,00

Identne IEC 61131-3:2003

ja identne EN 61131-3:2003

**Programmable controllers - Part 3: Programming languages**

This part of IEC 61131 specifies syntax and semantics of programming languages for programmable controllers as defined in part 1 of IEC 61131

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## 25.040.40

### **Mõõtmise ja kontroll tööstusprotsessides**

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Industrial process measurement and control

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## **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 56731

Tähtaeg: 2003-11-01

Identne IEC 61131-1:2003

ja identne EN 61131-1:2003

**Programmable controllers Part 1: General information** constitutes Part 1 of a series of standards on programmable controllers and their associated peripherals and should be read in conjunction with the other parts of the series

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## 25.080.50

### **Lihv- ja poleerpingid**

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Grinding and polishing machines

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## **UUED STANDARDID**

### **EVS-EN 50144-2-3:2003/A1:2003**

Hind 57,00

Identne EN 50144-2-

3:2002/A1:2002

**Safety of hand-held electric motor operated tools - Part 2-3: Particular requirements for grinders, disk type sanders and polishers**

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

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## 25.100.40

### **Saed**

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Saws

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## **UUED STANDARDID**

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

Hind 117,00

Identne IEC 60745-2-5:2003

ja identne EN 60745-2-5:2003

**Hand-held motor-operated electric tools - Safety - Part 2-5: Particular requirements for circular saws and circular knives**

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

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## 25.140.20

### Elektritööriistad

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Electric tools

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#### UUED STANDARDID

**EVS-EN 50144-1:2001/A2:2003**

Hind 66,00

Identne EN 50144-1:1998/A2:2003

**Safety of hand-held electric motor operated tools - Part 1: General requirements**

This standard applies also to hand-held electric motor operated tools intended to be connected to a water supply

**EVS-EN 50144-2-3:2003/A1:2003**

Hind 57,00

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

**Safety of hand-held electric motor operated tools - Part 2-3: Particular requirements for grinders, disk type sanders and polishers**

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

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56743

Tähtaeg: 2003-11-01

Identne IEC 60745-2-1:2003

ja identne EN 60745-2-1:2003

**Hand-held motor-operated electric tools - Safety - Part 2-1: Particular requirements for drills and impact drills**

Deals with the safety of hand-held motor-operated or magnetically driven electric tools, specific requirements for drills and impact drills. 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

prEVS 56744

Tähtaeg: 2003-11-01

Identne IEC 60745-2-2:2003

ja identne EN 60745-2-2:2003

**Hand-held motor-operated electric tools - Safety Part 2-2: Particular requirements for screwdrivers and impact wrenches**

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. tools

prEVS 56806

Tähtaeg: 2003-11-01

Identne IEC 60745-2-18:2003

**Hand-held motor-operated electric tools - Safety - Part 2-18: Particular requirements for strapping tools**

Deals with the safety of tools which the rated voltage is not more than 250 V for single-phase a.c. or d.c. tools and 440 V for three-phase a.c. tools. Supplements or modifies the corresponding clauses of IEC 60745-1

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## 25.140.30

### Käsitööriistad

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Hand-operated tools

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#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56744

Tähtaeg: 2003-11-01

Identne IEC 60745-2-2:2003

ja identne EN 60745-2-2:2003

**Hand-held motor-operated electric tools - Safety Part 2-2: Particular requirements for screwdrivers and impact wrenches**

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. tools

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## 25.160.01

### Keevitus ja jootmine üldiselt

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Welding, brazing and soldering in general

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#### UUED STANDARDID

**EVS-EN 1792:2003**

Hind 272,00

Identne EN 1792:2003

**Welding - Multilingual list of terms for welding and related processes**

The following lists contain commonly used welding terms. New terms will be added on a regular basis

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## 25.160.10

### Keevitustööd ja keevitaja kutseoskus

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Welding processes

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#### UUED STANDARDID

**EVS-EN ISO 17652-2:2003**

Hind 101,00

Identne ISO 17652-2:2003

ja identne EN ISO 17652-2:2003

**Welding - Test for shop primers in relation to welding and allied processes - Part 2: Welding properties of shop primers**

This part of this European Standard describes tests for assessing the influence of shop primers on the weldability. The following tests are detailed: a)

Rating test This screening test provides a method of assessing the relative weldability of a shop primer of a specified thickness by making a standard weld and subsequently evaluating the severity of the resulting porosity. Rating tests are suitable for declaration by suppliers of the influence of particular shop primers and similar purposes; b) Weldability test

**EVS-EN ISO 17652-3:2003**

Hind 83,00

Identne ISO 17652-3:2003

ja identne EN ISO 17652-3:2003

**Welding - Test for shop primers in relation to welding and allied processes - Part 3: Thermal cutting**

This part of this European Standard specifies a test method for determination of a shop primers influence on the maximum speed usable for thermal cutting. For precaution for protection of health, safety and environment during testing, see EN ISO 17652-1

**EVS-EN ISO 17652-4:2003**

Hind 75,00

Identne ISO 17652-4:2003

ja identne EN ISO 17652-4:2003

**Welding - Test for shop primers in relation to welding and allied processes - Part 4: Emission of fumes and gases**

This part of this standard specifies rating of shop primers as regards their influence on emission of fumes and gases during welding. For precaution for protection of health, safety and environment during testing, see EN ISO 17652-1

## **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 56663

Tähtaeg: 2003-10-01

Identne ISO/DIS 15614-4:2003

ja identne prEN ISO 15614-4:2003

**Specification and qualification of welding procedures for**

**metallic materials - Welding**

**procedure test - Part 4:**

**Finishing welding of aluminium castings**

This standard is part of a series of standards, details of this series are given in prEN ISO 15607, Annex A. This standard specifies how a welding procedure specification for finishing welding of aluminium castings is qualified by welding procedure tests. This standard does not refer to any repair welding

prEVS 56810

Tähtaeg: 2003-11-01

Identne ISO/FDIS 15614-5:2003

ja identne prEN ISO 15614-5:2003

**Specification and qualification of welding procedures for**

**metallic materials - Welding**

**procedure test - Part 5: Arc**

**welding of titanium, zirconium**

**and their alloys**

This standard is part of a series of standards, details of this series are given in prEN ISO 15607:2000, annex A. This standard specifies how a welding procedure specification is qualified by welding procedure tests. This standard defines the conditions for the execution of welding procedure tests and the range of qualification for welding procedures for all practical welding operations within the range of variables listed in clause 8

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### **25.160.20**

#### **Elektroodid ja täidisemetallid**

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**Welding consumables**

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#### **UUED STANDARDID**

**EVS-EN ISO 8166:2003**

Hind 109,00

Identne ISO 8166:2003

ja identne EN ISO 8166:2003

#### **Resistance welding - Procedure for the evaluation of the life of spot welding electrodes using constant machines settings**

This standard specifies a procedure to be used for the evaluation of the life of spot welding electrodes when welding uncoated and coated steels, stainless steels, aluminium and aluminium alloys using constant machine settings which are not changed during the test. The procedure can also be used to establish the electrode life when spot welding other metallic materials.

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### **25.160.30**

#### **Keevitusseadmed**

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**Welding equipment**

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#### **UUED STANDARDID**

**EVS-EN 562:2003**

Hind 101,00

Identne EN 562:2003

**Gas welding equipment -**

**Pressure gauges used in**

**welding, cutting and allied**

**processes**

This European Standard specifies requirements for Bourdon-tube pressure gauges normally used with compressed gases at pressures up to 300 bar in welding, cutting and allied processes. It also covers use for dissolved acetylene and for liquefied gases under pressure. It does not cover gauges for acetylene in acetylene manufacturing plants

**EVS-EN 60974-6:2003**

Hind 139,00

Identne IEC 60974-6:2003

ja identne EN 60974-6:2003

**Arc welding equipment - Part 6:**

**Limited duty manual metal arc**

**welding power sources**

Specifies safety requirements for construction and performance requirements of welding power sources, limited to a rated maximum welding current of 160 A. These welding power sources are mainly used by laymen

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### **25.220.10**

#### **Haaveldus**

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**Surface preparation**

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#### **UUED STANDARDID**

**EVS-EN ISO 11126-5:2003**

Hind 57,00

Identne ISO 11126-5:1993

ja identne EN ISO 11126-5:1998  
**Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 5: Nickel refinery slag**

This part of ISO 11126 specifies requirements for nickel refinery slag abrasives, as supplied for blastcleaning processes

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### **25.220.40**

#### **Metallpinded**

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**Metallic coatings**

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#### **UUED STANDARDID**

**EVS-EN ISO 16348:2003**

Hind 66,00

Identne ISO 16348:2003

ja identne EN ISO 16348:2003

**Metallic and other inorganic**

**coatings - Definitions and**

**conventions concerning**

**appearance**

This European Standard specifies appearance and its associated terms and outlines the principles involved in validating appearance when it is specified as a requirement of metallic and other inorganic coatings

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### **25.220.50**

#### **Emailpinded**

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**Enamels**

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#### **UUED STANDARDID**

**EVS-EN ISO 4535:2003**

Hind 66,00

Identne ISO 4535:1983

ja identne EN ISO 4535:1998

**Vitreous and procelain enamels**

**- Apparatus for determination of**

**resistance to hot detergent**

**solutions used for washing**

**textiles**

This standard specifies requirements for the apparatus to be used for the determination of the resistance of flat surfaces of vitreous and porcelain enamels to attack by hot detergent solutions used for washing textiles

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### **25.220.60**

#### **Orgaanilised pinded**

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**Organic coatings**

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#### **UUED STANDARDID**

**EVS-EN 10169-3:2003**

Hind 170,00

Identne EN 10169-3:2003  
**Continuously organic coated (coil coated) steel products - Part 3: Products for building interior applications**

This part of this European Standard gives the specific requirements for continuously organic coated (coil coated) steel flat products used for building interior applications. It particularly specifies the performance requirements of different product flexibility categories and different corrosion protection categories

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25.220.99

### **Muud pinnatöötlus- ja pindamismeetodid**

Other treatments and coatings

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### **UUED STANDARDID**

**EVS-EN ISO 16348:2003**

Hind 66,00

Identne ISO 16348:2003

ja identne EN ISO 16348:2003

**Metallic and other inorganic coatings - Definitions and conventions concerning appearance**

This European Standard specifies appearance and its associated terms and outlines the principles involved in validating appearance when it is specified as a requirement of metallic and other inorganic coatings

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27.060.30

### **Katlad ja soojusvahetid**

Boilers and heat exchangers

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### **KAVANDITE**

### **ARVAMUSKÜSITLUS**

prEVS 56668

Tähtaeg: 2003-10-01

Identne prEN 12953-13:2003

**Shell boilers - Part 13: Operating instructions**

This part of this European Standard identifies the requirements for operating instructions which accompany the boiler assembly, when it is placed on the market

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27.080

### **Soojuspumbad**

Heat pumps

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### **KAVANDITE**

### **ARVAMUSKÜSITLUS**

prEVS 13861

Tähtaeg: 2003-11-01

Identne prEN 12178:2003

**Refrigerating systems and heat pumps - Liquid level indicating devices - Requirements, testing and marking**

This European Standard specifies safety requirements, safety factors, test methods, test pressures and marking of liquid level indicating devices, referred to throughout this standard as "level indicators", for use in refrigerating systems and heat pumps

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27.100

### **Elektrijaamad üldiselt**

Power stations in general

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### **KAVANDITE**

### **ARVAMUSKÜSITLUS**

prEVS 56668

Tähtaeg: 2003-10-01

Identne prEN 12953-13:2003

**Shell boilers - Part 13: Operating instructions**

This part of this European Standard identifies the requirements for operating instructions which accompany the boiler assembly, when it is placed on the market

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27.200

### **Külmutustehnika**

Refrigerating technology

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### **KAVANDITE**

### **ARVAMUSKÜSITLUS**

prEVS 13861

Tähtaeg: 2003-11-01

Identne prEN 12178:2003

**Refrigerating systems and heat pumps - Liquid level indicating devices - Requirements, testing and marking**

This European Standard specifies safety requirements, safety factors, test methods, test pressures and marking of liquid level indicating devices, referred to throughout this standard as "level indicators", for use in refrigerating systems and heat pumps

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29.020

### **Elektrotehnika üldküsimumed**

Electrical engineering in general

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### **UUED STANDARDID**

**EVS-EN 60216-5:2003**

Hind 139,00

Identne IEC 60216-5:2003

ja identne EN 60216-5:2003

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

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

**EVS-HD 21.14 S1:2003**

Hind 146,00

Identne HD 21.14 S1:2003

**Cables of rated voltage up to and including 450/750 V and having thermoplastic insulation - Part 14: Flexible cables (cords), insulated and sheathed with halogen-free thermoplastic compounds**

This Part 14 details the particular specifications for flexible cables (cords) of rated voltage up to and including 300/500 V, insulated and sheathed with halogen-free thermoplastic compound and having low emission of smoke and corrosive gases when exposed to fire. These cables are intended for the connection of domestic appliances to the fixed supply

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### **KAVANDITE**

### **ARVAMUSKÜSITLUS**

prEVS 29763

Tähtaeg: 2003-10-01

Identne IEC 60364-7-711:1998

ja identne HD 384.7.711 S1:2003

**Electrical installations of buildings - Part 7-711:**

**Requirements for special installations or locations - Exhibitions, shows and stands**

Gives requirements applying to the temporary electrical installations in exhibitions, shows and stands (including mobile and portable displays and equipment) to protect users

## 29.035.01

### Isolatsioonimaterjalid üldiselt

Insulating materials in  
general

#### UUED STANDARDID

**EVS-EN 60216-5:2003**

Hind 139,00

Identne IEC 60216-5:2003

ja identne EN 60216-5:2003

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

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

**EVS-EN 60243-1:2003**

Hind 155,00

Identne IEC 60243-1:1998

ja identne EN 60243-1:1998

**Electrical strength of insulating  
materials - Test methods - Part  
1: Tests at power frequencies**

Gives test methods for the  
determination of the short-time  
electric strength of solid insulating  
materials at power frequencies  
between 48 Hz and 62 Hz. It does  
not consider the testing of liquids  
and gases

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56716

Tähtaeg: 2003-10-01

Identne IEC 60455-3-2:2003

ja identne EN 60455-3-2:2003

**Resin based reactive  
compounds used for electrical  
insulation Part 3: Specifications  
for individual materials Sheet 2:  
Quartz filled epoxy resinous  
compounds**

Gives the requirements for quartz  
filled epoxy resinous compounds  
in the cured form for types EP-F-1  
to EP-F-7. Other materials than  
quartz may be introduced later

## 29.035.20

### Plastikust ja kummist isolatsioonimaterjalid

Plastics and rubber insulating  
materials

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 29006

Tähtaeg: 2003-11-01

Identne IEC 60684-1:2003

ja identne EN 60684-1:2003

**Flexible insulating sleeving -  
Part 1: Definitions and general  
requirements**

Applicable to flexible insulating  
sleeving primarily for insulating  
conductors and connectors of  
electrical apparatus. Some of the  
types of sleeving are also suitable  
for binding, identification,  
environmental sealing and  
mechanical protection. This  
standard is not applicable to coated  
papers. Materials which conform  
to this specification meet  
established levels of performance.  
However, the selection of a  
material by a user for a specific  
application should be based on the  
actual requirements necessary for  
adequate performance in that  
application and not based on this  
specification alone. This second  
edition includes additional clauses  
providing clarification on the sheet  
numbering system, guidance on  
qualification approval requirements  
and a guide to tests that are size  
and/or colour dependant

prEVS 56715

Tähtaeg: 2003-10-01

Identne IEC 60455-3-1:2003

ja identne EN 60455-3-1:2003

**Resin based reactive  
compounds used for electrical  
insulation - Part 3:**

**Specifications for individual  
materials - Sheet 1: Unfilled  
epoxy resinous compounds**

Gives the requirements for unfilled  
epoxy resinous compounds in the  
cured form for classes EP-U-1 to  
EP-U-7

prEVS 56717

Tähtaeg: 2003-10-01

Identne IEC 60455-3-3:2003

ja identne EN 60455-3-3:2003

**Resin based reactive  
compounds used for electrical  
insulation - Part 3:**

**Specifications for individual  
materials - Sheet 3: Unfilled  
polyurethane compounds**

Gives the requirements for unfilled  
polyurethane resinous compounds  
in the cured form for classes PUR-  
U-4 to PUR-U-8 with an ash  
content of not more than 6 %  
prEVS 56718

Tähtaeg: 2003-10-01

Identne IEC 60455-3-4:2003

ja identne EN 60455-3-4:2003

**Resin based reactive  
compounds used for electrical  
insulation - Part 3:**

**Specifications for individual  
materials - Sheet 4: Filled  
polyurethane compounds**

Gives the requirements for filled  
polyurethane resinous compounds  
in the cured form for classes  
PUR-F-4 to PUR-F-8

prEVS 56724

Tähtaeg: 2003-11-01

Identne IEC 60454-3-16:2003

ja identne EN 60454-3-16:2003

**Pressure-sensitive adhesive  
tapes for electrical purposes -  
Part 3: Specifications for  
individual materials - Sheet 16:**

**Polyester film/glass filament  
combinations with pressure-  
sensitive adhesive**

Contains the requirements for  
polyester film/glass filament  
combination tapes with pressure-  
sensitive adhesive. Materials which  
conform to this specification meet  
established levels of performance.  
However, the selection of a  
material by a user for a specific  
application should be based on the  
actual requirements necessary for  
adequate performance in that  
application, and not based on this  
specification alone

prEVS 56725

Tähtaeg: 2003-11-01

Identne IEC 60454-3-18:2003

ja identne EN 60454-3-18:2003

**Pressure-sensitive adhesive  
tapes for electrical purposes -  
Part 3: Specifications for  
individual materials - Sheet 18:**

**Polypropylene film tapes with  
pressure-sensitive adhesive**

Contains the requirements for  
polypropylene film tapes with a  
pressure-sensitive adhesive.  
Materials which conform to this  
specification meet established  
levels of performance. However,  
the selection of a material by a user  
for a specific application should be  
based on the actual requirements  
necessary for adequate  
performance in that application  
and not based on this specification  
alone

prEVS 56729  
Tähtaeg: 2003-11-01  
Identne IEC 60684-2:1997/  
A1:2003  
ja identne EN 60684-2:1997/  
A1:2003

**Flexible insulating sleeving -  
Part 2: Methods of test**

This part of IEC 60684 gives methods of test for flexible insulating sleeving, including heat shrinkable sleeving intended primarily for insulating electrical conductors and connections of electrical apparatus, although they may be used for other purposes.

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**29.035.50**

**Vilgul põhinevad  
materjalid**

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Mica based materials

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**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 23771  
Tähtaeg: 2003-10-01  
Identne IEC 60371-1:2003  
ja identne EN 60371-1:2003  
**Specification for insulating materials based on mica - Part 1: Definitions and general requirements**  
Gives definitions of terms used to describe built-up mica materials, products based on them and mica paper. It also deals with general requirements and conditions of supply. Changes in this new edition include: - a new Clause 2: Normative references; - under Clause 4: Description of material - new Subclause 4.2.1 to cover flexible mica material impregnated with B stage resin, - new Subclause 4.2.2 to cover flexible mica material, porous for post-impregnation; - a new Clause 5 covering general requirements and conditions of supply

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**29.040.10**

**Isoleerivad õlid**

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Insulating oils

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**UUED STANDARDID**

**EVS-EN 60156:2003**

Hind 101,00  
Identne IEC 156:1995  
ja identne EN 60156:1995

**Insulating liquids -  
Determination of the  
breakdown voltage at power  
frequency - Test method**

Describes an empirical test procedure intended to indicate the presence of contaminants such as water and solid suspended matter, and the advisability of carrying out drying and filtration treatment. Standardized testing procedures and equipment are essential for the unambiguous interpretation of test results

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**29.050**

**Juhid**

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Conducting materials

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**UUED STANDARDID**

**EVS-EN 61788-11:2003**

Hind 117,00  
Identne IEC 61788-11:2003  
ja identne EN 61788-11:2003

**Superconductivity - Part 11:  
Residual resistance ratio  
measurement - Residual  
resistance ratio of Nb3Sn  
composite superconductors**  
Covers a test method for the determination of the residual resistance ratio (RRR) of Nb3Sn composite conductors. This method is intended for use with superconductor specimens that have a monolithic structure with a rectangular or round cross section, RRR less than 350 and cross-sectional area less than 3 mm<sup>2</sup>, and have received a reaction heat-treatment. Ideally, it is intended that the specimens are as straight as possible; however, this is not always the case, thus care must be taken to measure the specimen in its as received condition. All measurements are done without an applied magnetic field. The method described in the body of this standard is the "reference" method; optional acquisition methods are outlined in Annex A

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**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 56653  
Tähtaeg: 2003-10-01  
Identne IEC 61788-13:2003  
ja identne EN 61788-13:2003  
**Superconductivity - Part 13: AC  
loss measurements -**

**Magnetometer methods for  
hysteresis loss in Cu/Nb-Ti  
multifilamentary composites**  
Describes considerations for the measurement of hysteretic loss in Cu/Nb-Ti multifilamentary composites using DC- or low-ramp-rate magnetometry. Focuses

on the measurement of hysteretic loss in multifilamentary Cu/Nb-Ti composite conductors. Measurements are assumed to be on round wires with temperatures at or near 4,2 K. DC or low-ramp-rate magnetometry will be performed using either a superconducting quantum interference device (SQUID magnetometer) or a vibrating-sample magnetometer (VSM). In case differences between the calibrated magnetometer results are noted, the VSM results, extrapolated to zero ramp rate, will be taken as definitive

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**29.060.10**

**Elektrijuhid**

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Wires

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**UUED STANDARDID**

**EVS-EN 60172:2003**

Hind 170,00  
Identne IEC 172:11987 + A1:1997  
ja identne EN 60172:1994 +  
A1:1998

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

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

**EVS-EN 60264-1:2003**

Hind 66,00  
Identne IEC 264-1:1968  
ja identne EN 60264-1:1994  
**Packaging of winding wires -  
Part 1: Containers for round  
winding wires**

Gives the standard sizes of containers for round winding wires.

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**29.060.20**

**Kaablid**

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Cables

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**UUED STANDARDID**

**EVS-EN 13160-3:2003**

Hind 117,00  
Identne EN 13160-3:2003  
**Leak detection systems - Part 3:  
Liquid systems for tanks**

This European Standard specifies the requirements for leak detection systems class II for use with double-skin tanks designed for water polluting fluids

## **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 56655

Tähtaeg: 2003-10-01

Identne HD 603 S1:1994/A2:2003

### **Distribution cables of rated voltage 0,6/1 kV**

HD 603 applies to cables of rated voltage  $U_0/U = 0,6/1$  kV used in underground power distribution systems mainly for public distribution, of nominal voltage not exceeding 0,6/1 kV a.c. This part (Part 1) specifies the general requirements applicable to these cables, unless otherwise specified in the particular sections of this HD

prEVS 56818

Tähtaeg: 2003-11-01

Identne HD 605 S1:1994/

prA4:2003

### **Electrical cables - Additional test methods**

This HD collates and specifies the test methods to be used for testing polymeric insulated and sheathed electric cables, of rated voltage up to and including 0,6/1kV, intended for public distribution systems, and for use in power generating plants and sub-stations. Test methods in this HD are additional to those already harmonised, e.g. HD 405 and HD 505, and are used for testing cable types specified in HD 603 and 604. In each case specific, these HDs give complementary information needed for the practical application to each specific type.

## **29.080.10**

### **Isolaatorid**

#### **Insulators**

## **UUED STANDARDID**

**EVS-EN 60437:2003**

Hind 101,00

Identne IEC 60437:1997

ja identne EN 60437:1997

### **Radio interference test on high-voltage insulators**

This standard specifies the procedure for a radio interference (R.I.) test carried out in a laboratory on clean and dry insulators at a frequency of 0,5 MHz or 1 MHz or alternatively at

other frequencies between 0,5 MHz and 2 MHz.

## **29.080.20**

### **Läbiviigid**

#### **Bushings**

## **UUED STANDARDID**

**EVS-EN 60137:2003**

Hind 199,00

Identne IEC 137:1995

ja identne EN 60137:1996

### **Insulating bushings for alternating voltages above 1000 V**

Specifies the characteristics and tests for insulated bushings. Is applicable to bushings, as defined in clause 2, intended for use in electrical apparatus, machinery, transformers, switchgear and installations for three-phase alternating current systems, having rated voltages above 100 V and power-frequencies of 15 Hz up to and including 60 Hz. Special requirements and tests for transformer bushings in this standard apply also to reactor bushings. This standard may also be used analogously for bushings for use in other than three-phase systems, e.g. for rectifiers, testing transformers, or for terminals for power cables (potheads) and capacitors

## **29.100.20**

### **Elektrilised ja elektromeaanilised osad**

#### **Electrical and electromechanical components**

## **UUED STANDARDID**

**EVS-EN 60276:2003**

Hind 126,00

Identne IEC 276:1968 + A1:1987

ja identne EN 60276:1996

### **Definitions and nomenclature for carbon brushes, brush-holders, commutators and slip-rings**

Establishes a vocabulary of definitions and terms for classes of brush grades, brushes, tops, flexibles (Shunts) and connections, terminals, commutators and slip-rings, commutator marking and other miscellaneous details. Contains illustrations for each term. Gives the terms in Dutch, English, French, German, Italian,

Polish, Russian, Spanish and Swedish.

## **29.120.01**

### **Elektriaparaadid ja -tarvikud üldiselt**

#### **Electrical accessories in general**

## **KAVANDITE**

## **ARVAMUSKÜSITLUS**

prEVS 56804

Tähtaeg: 2003-11-01

Identne IEC 60335-2-95:2002

ja identne prEN 60335-2-95:2003

### **Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use**

Deals with the safety of electric drives for garage doors for residential use that open and close in a vertical direction, the rated voltage of the drives being not more than 250 V for single-phase and 480 V for other appliances. The hazards associated with the movement of these electrically driven garage doors is included

prEVS 56805

Tähtaeg: 2003-11-01

Identne IEC 60335-2-97:2002

ja identne prEN 60335-2-97:2003

### **Household and similar electrical appliances - Safety - Part 2-97: Particular requirements for drives for rolling shutters, awnings, blinds and similar equipment**

Deals with the safety of electric drives for rolling equipment such as shutters, blinds, and awnings, intended for household and similar purposes, their rated voltage being not more than 250 V for single-phase and 480 V for other appliances. Examples of rolling equipment that can be driven are awnings; blinds; grilles; projection screens; shutters for doors and windows. Drives for equipment with a spring-controlled driven part, such as a folding arm awning, are also within the scope of this standard



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**29.120.20****Liiteseadised ja klemmid**

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**Connecting devices**

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**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 24238

Tähtaeg: 2003-11-01

Identne IEC 60999-2:2003

ja identne EN 60999-2:2003

**Connecting devices - Electrical copper conductors - Safety requirements for screw-type and screwless-type clamping units - Part 2: Particular requirements for clamping units for conductors above 35 mm<sup>2</sup> up to 300 mm<sup>2</sup> (included)**

Applies to screw-type and screwless-type clamping units for connecting devices, either as separate entities or as integral parts of equipment, for the connection of electrical copper conductors (complying with IEC 60228), rigid stranded and/or flexible, having a cross-section above 35 mm<sup>2</sup> and up to and including 300 mm<sup>2</sup> and equivalent AWG/kcmil sizes with a rated voltage not exceeding 1 000 V a.c. and a frequency up to and including 1 000 Hz and 1 500 V d.c. It applies to clamping units primarily suitable for connecting unprepared conductors. This standard does not apply to clamping units: - for connection by crimping or soldering; - for non-universal clamping units defined in 3.10.2 of IEC 60999-1. Has the status of a group safety publication in accordance with IEC Guide 104

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**29.120.40****Lülitid**

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**Switches**

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**UUED STANDARDID****EVS-EN 60265-1:2003**

Hind 212,00

Identne IEC 60265-1:1998

ja identne EN 60265-1:1998

**High-voltage Part 1: Switches for rated voltages above 1 kV and less than 52 kV**

This part of IEC 60265 is applicable to three-phase, alternating current switches and switch-disconnectors having making and breaking current ratings, for indoor and outdoor installations, for rated voltages above 1 kV and less than 52 kV; and for rated frequencies from 16

2/3 Hz up to and including 60 Hz. This standard is also applicable to the operating devices of these switches and to their auxiliary equipment. Switch-disconnectors are also covered by IEC 60129. General principles and provisions of this standard may also be applicable to single pole switches intended for application in single-phase systems. The requirements for dielectric tests and making and breaking tests should be in accordance with the requirements of the specific application.

**EVS-EN 60265-2:2003**

Hind 212,00

Identne IEC 60265-2:1988 +

A1,2:1998

ja identne EN 60265-2:1993 +

A1,2:1998

**High-voltage switches - Part 2: High-voltage switches for rated voltages of 52 kV and above**

Applicable to three-phase alternating-current switches, having making and breaking current ratings, for indoor and outdoor installations, for rated voltages 52 kV and above, and for rated frequencies up to and including 60 Hz.

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**29.120.60****Lülitus- ja juhtimisaparaadid**

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**Switchgear and controlgear**

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**UUED STANDARDID****EVS-EN 60298:2003**

Hind 212,00

Identne IEC 298:1990 +

corr, 1995+ A1:1994

ja identne EN 60298:1996 +

A11:1999

**A.C. metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV**

This standard specifies requirements for factory-assembled metal-enclosed switchgear and controlgear for alternating current of rated voltages above 1 kV and up to and including 52 kV for indoor and outdoor installation, and for service frequencies up to and including 60 Hz. For metal-enclosed switchgear and controlgear containing gas-filled compartments, the design pressure is limited to a maximum of 3 bar (gauge). Gas-filled compartments

having a design pressure exceeding 3 bar (gauge) shall be designed and tested in accordance with IEC 517.

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**29.120.70****Releed**

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**Relays**

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**UUED STANDARDID****EVS-EN 60225-8:2003**

Hind 139,00

Identne IEC 60255-8:1990

ja identne EN 60255-8:1998

**Electrical relays - Part 8: Thermal electrical relays**

Applies to dependent specified time electrical measuring relays which protect equipment from electrical thermal damage by measurement and switching off the current flowing in protected equipment. This standard is a third-level publication (Standards applicable wholly or partly to a particular group of relays) and states the particular requirements for this type of relays. Is to be read in conjunction with higher level documents in the EN 60255 and IEC 60255 series.

**EVS-EN 60255-3:2003**

Hind 130,00

Identne IEC 60255-3:1989

ja identne EN 60255-3:1998

**Electrical relays - Part 3: Single input energizing quantity measuring relays with dependent or independent time**

Applicable to electrical measuring relays and protection equipment having a single input energizing quantity and where the operating time is independent or dependent on this quantity. It excludes thermal electrical relays which are specified in EN 60255-8. This standard is a third-level publication (Standards applicable wholly or partly to a particular group of relays) and states the particular requirements for this type of relays. Is to be read in conjunction with higher level documents in the EN 60255 and IEC 60255 series.

**EVS-EN 60225-21-1:2003**

Hind 109,00

Identne IEC 255-21-1:1988

ja identne EN 60255-21-1:1995

**Electrical relays - Part 21: Vibration, shock, bump and seismic tests on measuring relays and protection equipment - Section 1: Vibration tests (sinusoidal)**

This part includes two types of vibration tests: the vibration response test and the vibration endurance test, and is generally based upon IEC 68-2-6. The requirements are applicable only to measuring relays and protection equipment in a new condition. The tests specified are type tests.

**EVS-EN 60255-21-2:2003**

Hind 117,00

Identne IEC 255-21-2:1988

ja identne EN 60255-21-2:1995

**Electrical relays - Part 21: Vibration, shock, bump and seismic tests on measuring relays and protection equipment - Section 2: Shock and bump tests**

This standard includes two types of tests: - the shock test (on energized and non-energized specimen). - the bump test (on non-energized specimen). These requirements are applicable only to measuring relays and protection equipment in a new condition.

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**29.130**

**Aparaadikoosted**

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**Switchgear and controlgear**

**UUED STANDARDID**

**EVS-EN 61800-5-1:2003**

Hind 272,00

Identne IEC 61800-5-1:2003

ja identne EN 61800-5-1:2003

**Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy**

specifies requirements for adjustable speed power drive systems, or their elements, with respect to electrical, thermal and energy safety considerations. It does not cover the driven equipment except for interface requirements. It applies to adjustable speed electric drive systems which include the power conversion, drive control, and motor or motors. It applies to d.c. drive systems connected to line voltages up to 1 kV a.c., 50 Hz or 60 Hz and a.c. drive systems with converter input or output voltages up to 35 kV, 50 Hz or 60 Hz

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**29.130.10**

**Kõrgepingelised  
lülitusseadmed ja nende  
juhtseadmed**

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**High voltage switchgear and controlgear**

**UUED STANDARDID**

**EVS-EN 62271-**

**100:2002/A1:2003**

Hind 139,00

Identne IEC 62271-100:2001/

A1:2002

ja identne EN 62271-100:2001/

A1:2002

**High-voltage switchgear and controlgear - Part 100: High-voltage alternating-current circuit-breakers**

Is applicable to a.c. circuit-breakers designed for indoor or outdoor installation and for operation at frequencies of 50 Hz and 60 Hz on systems having voltages above 1 000 V.

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**29.130.20**

**Madalpingelised  
lülitusseadmed ja nende  
juhtseadmed**

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**Low voltage switchgear and controlgear**

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 24238

Tähtaeg: 2003-11-01

Identne IEC 60999-2:2003

ja identne EN 60999-2:2003

**Connecting devices - Electrical copper conductors - Safety requirements for screw-type and screwless-type clamping units - Part 2: Particular requirements for clamping units for conductors above 35 mm<sup>2</sup> up to 300 mm<sup>2</sup> (included)**

Applies to screw-type and screwless-type clamping units for connecting devices, either as separate entities or as integral parts of equipment, for the connection of electrical copper conductors (complying with IEC 60228), rigid stranded and/or flexible, having a cross-section above 35 mm<sup>2</sup> and up to and including 300 mm<sup>2</sup> and equivalent AWG/kcmil sizes with a rated voltage not exceeding 1 000 V a.c. and a frequency up to and including 1 000 Hz and 1 500 V d.c. It applies to clamping units

primarily suitable for connecting unprepared conductors. This standard does not apply to clamping units: - for connection by crimping or soldering; - for non-universal clamping units defined in 3.10.2 of IEC 60999-1. Has the status of a group safety publication in accordance with IEC Guide 104 prEVS 56650

Tähtaeg: 2003-10-01

Identne IEC 60947-2:2003

ja identne EN 60947-2:2003

**Low-voltage switchgear and controlgear - Part 2: Circuit-breakers**

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

prEVS 56730

Tähtaeg: 2003-10-01

Identne IEC 60947-8:2003

ja identne EN 60947-8:2003

**Low-voltage switchgear and controlgear - Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines**

Specifies rules for control units, which perform the switching functions in response to the thermal detectors incorporated in rotating electrical machines according to IEC 60034-11, and the industrial application. It specifies rules for that type of system

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**29.140.20**

**Hõõglambid**

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**Incandescent lamps**

**UUED STANDARDID**

**EVS-EN 60432-3:2003**

Hind 170,00

Identne IEC 60432-3:2002

ja identne EN 60432-3:2002

**Incandescent lamps - Safety specifications - Part 3: Tungsten halogen lamps (non-vehicle)**

Specifies the safety requirements for single-capped and double-capped tungsten halogen lamps, having rated voltages of up to 250 V, used for the following applications: · Projection (including cinematograph and still

projection) · Photographic  
(including studio) · Floodlighting ·  
Special purpose · General purpose  
· Stage lighting

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## 29.140.99

### Muud lampide ja valgustitega seotud standardid

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Other standards related to  
lamps

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#### UUED STANDARDID

**EVS-EN 50311:2003**

Hind 179,00

Identne EN 50311:2003

**Railway applications Rolling  
stock D.C. supplied electronic  
ballasts for lighting fluorescent  
lamps**

This standard specifies the  
performance and constructional  
requirements, and associated tests,  
for d.c. supplied electronic ballasts  
used to supply fluorescent lamps  
for lighting on railway rolling  
stock. Its requirements replace  
those of EN 60925 for all railway  
rolling stock applications and  
precise and complete those of EN  
60924 for the specific needs of  
railway rolling stock applications

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## 29.180

### Trafod. Reaktorid

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Transformers. Reactors

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#### UUED STANDARDID

**EVS-EN 60214-1:2003**

Hind 229,00

Identne IEC 60214-1:2003

ja identne EN 60214-1:2003

**Tap-changers - Part 1:  
Performance requirements and  
test methods**

Applies to on-load tap-changers of  
both resistor and reactor types, off-  
circuit tap-changers, and their  
motor drive mechanisms. Applies  
mainly to tap-changers immersed  
in transformer oil according to  
IEC 60296 but may also be used  
for tap-changers with gas  
insulation or immersed in other  
insulating liquids

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## 29.220.20

### Happeakud ja - akupatareid

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Acid secondary cells and  
batteries

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#### UUED STANDARDID

**EVS-EN 61982-2:2003**

Hind 101,00

Identne IEC 61982-2:2002

ja identne EN 61982-2:2002

**Secondary batteries for the  
propulsion of electric road  
vehicles - Part 2: Dynamic  
discharge performance test and  
dynamic endurance test**

This part of IEC 61982 specifies  
tests and requirements for capacity  
and endurance tests for secondary  
batteries used for vehicle  
propulsion applications. Its  
objective is to specify certain  
essential characteristics of cells and  
batteries used for propulsion of  
electric road vehicles together with  
the relevant test methods for their  
specification

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## 29.220.30

### Leelisakud ja -akupatareid

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Alkaline secondary cells and  
batteries

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#### UUED STANDARDID

**EVS-EN 60285:2003**

Hind 170,00

Identne IEC 285 :1993 +

A1,2:1998

ja identne EN 60285:1994 +

A1,2:1999

**Alcaline secondary cells and  
batteries - Sealed nickel-  
cadmium cylindrical  
rechargeable single cells**

Specifies tests and requirements  
for sealed nickel-cadmium  
cylindrical rechargeable single cells,  
suitable for use in any orientation.  
Specific tests and requirements for  
cells intended for use in permanent  
charge at elevated temperatures are  
also included. Amendment 1:  
Endurance in cycles of sealed  
nickel-cadmium rechargeable single  
cells. Test conditions and  
requirements.

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#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56720

Tähtaeg: 2003-10-01

Identne IEC 61951-2:2003

ja identne EN 61951-2:2003

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**Secondary cells and batteries  
containing alkaline or other  
non-acid electrolytes - Portable  
sealed rechargeable single cells  
- Part 2: Nickel-metal hydride**

This part of IEC 61951 specifies  
marking, designation, dimensions,  
tests and require-ments for  
portable sealed nickel-metal  
hydride, small prismatic, cylindrical  
and button rechargeable single  
cells, suitable for use in any  
orientation

prEVS 56721

Tähtaeg: 2003-10-01

Identne IEC 61951-1:2003

ja identne EN 61951-1:2003

**Secondary cells and batteries  
containing alkaline or other  
non-acid electrolytes - Portable  
sealed rechargeable single cells  
- Part 1: Nickel-cadmium**

This part of IEC 61951 specifies  
marking, designation, dimensions,  
tests and requirements for portable  
sealed nickel-cadmium small  
prismatic, cylindrical and button  
rechargeable single cells, suitable  
for use in any orientation

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## 29.240

### Elektrijaotusvõrgud

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Power transmission and  
distribution networks

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#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56796

Tähtaeg: 2003-11-01

Identne IEC 61478:2001/A1:2003

ja identne EN 61478:2001/

prA1:2003

**Live working -Ladders of  
insulating material**

Is applicable to fully insulating  
spliced or hook ladders with  
extension or having a combination  
of insulating and conductive  
sections and used for live working  
on a.c. or d.c. electrical installations  
at 1 000 V and above for a.c. and 1  
500 V and above for d.c. This  
standard concerns only ladders  
made of synthetic material. These  
ladders are used, to provide access,  
generally on overhead line  
structures and to facilitate live  
working, either hot stick,  
barehanded or a combination of  
both.

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## 29.260.20

### Plahvatusohtlikus keskkonnas töötavad elektriseadmed

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Electrical apparatus for explosive atmospheres

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#### UUED STANDARDID

##### EVS-EN 13237:2003

Hind 139,00

Identne EN 13237:2003

##### Potentially explosive atmospheres - Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres

This European Standard specifies terms and definitions (vocabulary) to be used in suitable standards dealing with equipment and protective systems intended for use in potentially explosive atmospheres

##### EVS-EN 13160-1:2003

Hind 170,00

Identne EN 13160-1:2003

##### Leak detection systems - Part 1: General principles

This European Standard specifies the general principles for leak detection systems for use with double-skin tanks, single-skin tanks and pipework designed for water polluting fluids

##### EVS-EN 13160-2:2003

Hind 139,00

Identne EN 13160-2:2003

##### Leak detection systems - Part 2: Pressure and vacuum systems

This European Standard specifies the requirements for leak detection systems class I for use with double-skin systems, designed for water polluting fluids

##### EVS-EN 13160-4:2003

Hind 130,00

Identne EN 13160-4:2003

##### Leak detection systems - Part 4: Liquid and/or vapour sensor systems for use in leakage containments or interstitial spaces

This standard specifies the requirements for leak detection systems - class III for use in the interstitial space of double-skin systems or in leakage containments of single skin systems designed for water polluting fluids

##### EVS-EN 13160-6:2003

Hind 66,00

Identne EN 13160-6:2003

## Leak detection systems - Part 6: Sensors in monitoring wells

This European Standard specifies the requirements for leak detection systems class V for use with systems designed for fuels which are flammable, having a flash point up to but not exceeding 100 °C

##### EVS-EN 13160-7:2003

Hind 146,00

Identne EN 13160-7:2003

##### Leak detection systems - Part 7: General requirements and test methods for interstitial spaces, leak protecting linings and leak protecting jackets

This European Standard specifies the type test of the interstitial space and the general requirements and test methods for leak protecting linings and leak protecting jackets which are parts of leak detection systems

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## 29.260.99

### Muud eritingimustes töötavad elektriseadmed

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Other electrical equipment for working in special conditions

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#### KAVANDITE ARVAMUSKÜSITLUS

prEVS 56796

Tähtaeg: 2003-11-01

Identne IEC 61478:2001/A1:2003 ja identne EN 61478:2001/prA1:2003

##### Live working -Ladders of insulating material

Is applicable to fully insulating spliced or hook ladders with extension or having a combination of insulating and conductive sections and used for live working on a.c. or d.c. electrical installations at 1 000 V and above for a.c. and 1 500 V and above for d.c. This standard concerns only ladders made of synthetic material. These ladders are used, to provide access, generally on overhead line structures and to facilitate live working, either hot stick, barehanded or a combination of both.

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## 31.040

### Takistid

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#### Resistors

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#### KAVANDITE ARVAMUSKÜSITLUS

prEVS 56732

Tähtaeg: 2003-11-01

Identne IEC 61643-331:2003

ja identne EN 61643-331:2003

##### Components for low-voltage surge protective devices - Part 331: Specification for metal oxide varistors (MOV)

Details the test specifications for metal oxide varistors (MOV), which are used for applications up to 1000 V a.c. or 1500 V d.c. in power line, or telecommunication, or signalling circuits. The MOVs are designed to protect apparatus or personnel, or both from high transient voltages. Does not deal with hybrid devices. Does not apply also to mountings and their effect on the MOVs characteristics

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## 31.040.10

### Püsitakistid

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#### Fixed resistors

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#### KAVANDITE ARVAMUSKÜSITLUS

prEVS 56797

Tähtaeg: 2003-11-01

Identne EN 140401-802:2002/prA1:2003

##### Detail specification: Fixed low power non wire-wound surface mount (SMD) resistors - Rectangular - Stability classes 1; 2

Fixed low power non wire-wound chip resistors with rectangular base without leads for surface mounting. Style: RR. Electronic components of assessed quality in accordance with EN 60115:2002; EN 140400:200X; EN 140401:2002

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## 31.060.30

### Paber- ja polümeerkondensaatorid

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#### Paper and plastics capacitors

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#### KAVANDITE ARVAMUSKÜSITLUS

prEVS 56651

Tähtaeg: 2003-10-01

Identne IEC 60252-2:2003

ja identne EN 60252-2:2003

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**AC motor capacitors - Part 2:  
Motor start capacitors**

Applies to motor start capacitors intended for connection to windings of asynchronous motors supplied from a single-phase system having the frequency of the mains. Covers impregnated or unimpregnated metallized motor start capacitors having a dielectric of paper or plastic film, or a combination of both and electrolytic motor start capacitors with non-solid electrolyte, with rated voltages up to and including 660 V

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**31.060.70**

**Jõukondensaatorid**

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**Power capacitors**

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**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56651

Tähtaeg: 2003-10-01

Identne IEC 60252-2:2003

ja identne EN 60252-2:2003

**AC motor capacitors - Part 2:  
Motor start capacitors**

Applies to motor start capacitors intended for connection to windings of asynchronous motors supplied from a single-phase system having the frequency of the mains. Covers impregnated or unimpregnated metallized motor start capacitors having a dielectric of paper or plastic film, or a combination of both and electrolytic motor start capacitors with non-solid electrolyte, with rated voltages up to and including 660 V

prEVS 56654

Tähtaeg: 2003-10-01

Identne IEC 61921:2003

ja identne EN 61921:2003

**Power capacitors - Low-voltage  
power factor correction banks**

Applicable to low-voltage a.c. capacitor banks intended to be used for power factor correction purposes, equipped with a built-in switchgear and controlgear apparatus capable of connecting to or disconnecting from the mains part(s) of the bank with the aim to correct its power factor

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**31.080.01**

**Pooljuhtseadised üldiselt**

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**Semiconductor devices in  
general**

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**UUED STANDARDID**

**EVS-EN 60749-16:2003**

Hind 83,00

Identne IEC 60749-16:2003

ja identne EN 60749-16:2003

**Semiconductor devices -  
Mechanical and climatic test  
methods - Part 16: Particle  
impact noise detection (PIND)**

Defines a test aiming at detecting the presence of loose particles inside a cavity device such as, for example, chips of ceramic, pieces of bonding wire or solder balls (prills)

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56644

Tähtaeg: 2003-10-01

Identne IEC 60749-1:2002

ja identne EN 60749-1:2003

**Semiconductor devices -  
Mechanical and climatic test  
methods - Part 1: General**

Applicable to semiconductor devices (discrete devices and integrated circuits) and establishes provisions common to all the other parts of the series

prEVS 56645

Tähtaeg: 2003-10-01

Identne IEC 60749-20:2002

ja identne EN 60749-20:2003

**Semiconductor devices -  
Mechanical and climatic test  
methods - Part 20: Resistance of  
plastic-encapsulated SMDs to  
the combined effect of moisture  
and soldering heat**

Applies to semiconductor devices (discrete devices and integrated circuits) - and provides a means of assessing the resistance to soldering heat of plastic-encapsulated surface mount devices

prEVS 56646

Tähtaeg: 2003-10-01

Identne IEC 60749-22:2002

ja identne EN 60749-22:2003

**Semiconductor devices -  
Mechanical and climatic test  
methods - Part 22: Bond  
strength**

Applicable to semiconductor devices (discrete devices and integrated circuits), this test measures bond strength or determine compliance with specified bond strength requirements

prEVS 56647

Tähtaeg: 2003-10-01

Identne IEC 60749-31:2002

ja identne EN 60749-31:2003

**Semiconductor devices -  
Mechanical and climatic test  
methods - Part 31: Flammability  
of plastic-encapsulated devices  
(internally induced)**

Applicable to semiconductor devices (discrete devices and integrated circuits), this test determines whether the device ignites due to internal heating caused by excessive overloads

prEVS 56648

Tähtaeg: 2003-10-01

Identne IEC 60749-32:2002

ja identne EN 60749-32:2003

**Semiconductor devices -  
Mechanical and climatic test  
methods - Part 32: Flammability  
of plastic-encapsulated devices  
(externally induced)**

Applicable to semiconductor devices (discrete devices and integrated circuits), this test determines whether the device ignites due to external heating. The test uses a needle flame, simulating the effect of small flames which may result from fault conditions within equipment containing the device

prEVS 56649

Tähtaeg: 2003-10-01

Identne IEC 60749-8:2002

ja identne EN 60749-8:2003

**Semiconductor devices -  
Mechanical and climatic test  
methods - Part 8: Sealing**

Applicable to semiconductor devices (discrete devices and integrated circuits), it determines the leak rate of semiconductor devices

prEVS 56712

Tähtaeg: 2003-10-01

Identne IEC 60191-6-4:2003

ja identne EN 60191-6-4:2003

**Mechanical standardization of  
semiconductor devices -  
Part 6-4: General rules for the  
preparation of outline drawings  
of surface mounted**

**semiconductor device packages  
- Measuring methods for  
package dimensions of ball grid  
array (BGA)**

Covers the requirements for the measuring methods of ball grid array (BGA) dimensions

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**31.080.99**

**Muud pooljuhtseadised**

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Other semiconductor devices

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**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56807

Tähtaeg: 2003-11-01

Identne IEC 60747-15:2003

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

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

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**31.140**

**Piesoelektrilised seadised**

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Piezoelectric and dielectric devices

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**UUED STANDARDID**

**EVS-EN 60122-1:2003**

Hind 190,00

Identne IEC 60122-1:2002

ja identne EN 60122-1:2003

**Quartz crystal units of assessed quality - Part 1: Generic specification**

Specifies the methods of test and general requirements for quartz crystal units of assessed quality using either capability approval or qualification approval procedures

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**31.180**

**Trüklülitused ja -plaadid**

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Printed circuits and boards

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**UUED STANDARDID**

**EVS-EN 60584-2:2003**

Hind 66,00

Identne IEC 584-2:1982 +

A1:1989

ja identne EN 60584-2:1993

**Thermocouples - Part 2:**

**Tolerances**

Contains the manufacturing tolerances for both noble and base metal thermocouples manufactured in accordance with e.m.f. temperature relationships o -

Part 1 of the standard. The tolerance values are for a thermocouple manufactured from wires normally in the diameter range 0.25 mm to 3 mm, as delivered to the user and do not allow for calibration draft during use.

**EVS-EN 60249-2-8:2003**

Hind 126,00

Identne IEC 249-2-8:1987+

A1:1993

ja identne EN 60249-2-8:1994+

A1:1994

**Base materials for printed circuits - Part 2: Specifications. Specification No. 8: Flexible copper-clad polyester (PETP) film**

Gives requirements for properties of flexible copper-clad polyester (polyethylene terephthalate) (PETP) film including optional requirements which apply only by agreement between purchaser and supplier. The material consists of an insulating flexible polyester film base with copper foil bonded to one or both sides, with or without the use of an adhesive.

**EVS-EN 60249-2-10:2002/**

**A4:2003**

Hind 117,00

Identne IEC 249-2-10:1987/

A4:1994

ja identne EN 60249-2-10:1994/

A4:1995

**Base materials for printed circuits - Part 2: Specifications - Specification No. 10: Epoxide non-woven/woven glass reinforced copper-clad laminated sheet of defined flammability (vertical burning test)**

Gives requirements for properties of epoxide non-woven/woven glass reinforced copper-clad laminated sheet of defined flammability, in thicknesses of 0.7 mm up to 3.2 mm. The sheet consists of an insulating base (epoxide resin bonded composite laminate consisting of a non-woven glass-fibre core and glass cloth surface layers) with metal foil bonded to one or both sides.

**EVS-EN 60249-2-11:2002/**

**A3:2003**

Hind 92,00

Identne IEC 249-2-11:1987/

A3:1994

ja identne EN 60249-2-11:1994/

A3:1995

**Base materials for printed circuits - Part 2: Specifications - Specification No. 11: Thin epoxide woven glass fabric copper-clad laminated sheet, general purpose grade, for use in the fabrication of multilayer printed boards**

Gives requirements for properties of thin epoxide woven glass fabric copper-clad laminated sheet, general purpose grade, for use in the fabrication of multilayer printed boards. Laminated sheets covered by this specification have thicknesses (of the base laminate, excluding the copper foil) not greater than 0.8 mm (0.031 in). The sheet consists of an insulating base (epoxide resin bonded woven glass fabric laminate) with metal foil bonded to one or both sides. This publication supersedes IEC 249-2C (1973).

**EVS-EN 60249-2-12:2002/**

**A3:2003**

Hind 92,00

Identne IEC 249-2-12:1987/

A3:1994

ja identne EN 60249-2-12:1994/

A3:1995

**Base materials for printed circuits - Part 2-12:**

**Specifications - Specification: thin epoxide woven glass fabric copper-clad laminated sheet of defined flammability, for use in the fabrication of multilayer printed boards**

Gives requirements for properties of thin epoxide glass fabric copper-clad laminated sheet, of defined flammability for use in the fabrication of multilayer printed boards. Laminated sheets covered by this specification have thicknesses (of the base laminated, excluding the copper foil) not greater than 0.8 mm (0.031 in). The sheet consists of an insulating base (epoxide resin bonded woven glass fabric laminate) with metal foil bonded to one or both sides.

**EVS-EN 60249-2-13:2003**

Hind 126,00

Identne IEC 249-2-13:1987+

A1:1993

ja identne EN 60249-2-13:1994+

A1:1994

**Base materials for printed circuits - Part 2: Specifications. Specification No. 13: Flexible copper-clad polyimide film, general purpose grade**

Gives requirements for properties of flexible copper-clad polyimide film, general purpose grade including optional requirements which apply only by agreement between purchaser and supplier. The material consists of an insulating flexible film base with copper foil bonded to one or both sides, with or without the use of an adhesive.

EVS-EN 60249-2-14:2002/

A3:2003

Hind 117,00

Identne IEC 249-2-14:1998/

A3:1993

ja identne EN 60249-2-14:1994/

A3:1994

**Base materials for printed circuits - Part 2: Specifications - Specificaton No. 14: Phenolic cellulose paper copper-clad laminated sheet of defined flammability (vertical burning test), economic quality**

Gives requirements for properties of phenolic, cellulose paper copper-clad laminated sheet, of defined flammability, in thicknesses of 0.5 mm up to 3.2 mm. The sheet consists of an insulating base (phenolic resin bonded cellulose paper laminate with defined flame resistance) with metal foil bonded on one or both sides.

EVS-EN 60249-2-14:2002/A4:2003

Hind 117,00

Identne IEC 249-2-14:1988/

A4:1994

ja identne EN 60249-2-14:1994/

A4:1995

**Base materials for printed circuits - Part 2: Specifications - Specificaton No. 14: Phenolic cellulose paper copper-clad laminated sheet of defined flammability (vertical burning test), economic quality**

Gives requirements for properties of phenolic, cellulose paper copper-clad laminated sheet, of defined flammability, in thicknesses of 0.5 mm up to 3.2 mm. The sheet consists of an insulating base (phenolic resin bonded cellulose paper laminate with defined flame resistance) with metal foil bonded on one or both sides.

EVS-EN 60249-2-15:2003

Hind 126,00

Identne IEC 249-2-15:1987 +

A1:1993

ja identne EN 60249-2-15:1994 +  
A1:1994

**Base materials for printed circuits - Part 2: Specifications. Specification No. 15: Flexible copper-clad polyimide film, of defined flammability**

Gives requirements for properties of flexible copper-clad polyimide film, of defined flammability, including optional requirements which apply only by agreement between purchaser and supplier. The material consists of an insulating flexible film base with copper foil bonded to one or both sides, with or without the use of an adhesive.

EVS-EN 60249-2-16:2002/

A1:2003

Hind 130,00

Identne IEC 249-2-16:1992/

A1:1993

ja identne EN 60249-2-16:1993/

A1:1994

**Base materials for printed circuits - Part 2: Specifications - Specificaton No. 16: Polyimide woven glass fabric copper-clad laminated sheet of defined flammability (vertical burning test)**

This specification of IEC 249-2 gives requirements for properties of polyimide woven glass fabric copper-clad laminated sheet of defined flammability, in thicknesses of 0,5 mm up to 6,4 mm.

EVS-EN 60249-2-16:2002/

A2:2003

Hind 139,00

Identne IEC 249-2-16:1992/

A2:1994

ja identne EN 60249-2-16:1993/

A2:1995

**Base materials for printed circuits - Part 2: Specifications - Specificaton No. 16: Polyimide woven glass fabric copper-clad laminated sheet of defined flammability (vertical burning test)**

This specification of IEC 249-2 gives requirements for properties of polyimide woven glass fabric copper-clad laminated sheet of defined flammability, in thicknesses of 0,5 mm up to 6,4 mm.

EVS-EN 60249-2-17:2002/

A1:2003

Hind 126,00

Identne IEC 249-2-17:1992/

A1:1993

ja identne EN 60249-2-17:1993/  
A1:1994

**Base materials for printed circuits - Part 2: Specifications - Specificaton No. 17: Thin polyimide woven glass fabric copper-clad laminated sheet of defined flammability for use in the fabrication of multilayer printed board**

This specification of IEC 249-2 gives requirements for properties of thin polyimide woven glass fabric copper-clad laminated sheet of defined flammability for use in the fabrication of multilayer printed boards.

EVS-EN 60249-2-

17:2002/A2:2003

Hind 126,00

Identne IEC 249-2-17:1992/

A2:1994

ja identne EN 60249-2-17:1993/

A2:1995

**Base materials for printed circuits - Part 2: Specifications - Specificaton No. 17: Thin polyimide woven glass fabric copper-clad laminated sheet of defined flammability for use in the fabrication of multilayer printed board**

This specification of IEC 249-2 gives requirements for properties of thin polyimide woven glass fabric copper-clad laminated sheet of defined flammability for use in the fabrication of multilayer printed boards.

EVS-EN 60249-2-18:2002/

A1:2003

Hind 126,00

Identne IEC 249-2-18:1992/

A1:1993

ja identne EN 60249-2-18:1993/

A1:1994

**Base materials for printed circuits - Part 2: Specifications - Specificaton No. 18: Bismaleimide/triazine modified epoxide woven glass fabric copper-clad laminated sheet of defined flammability (vertical burning test)**

This specification of IEC 249 gives requirements for properties of bismaleimide/triazine modified epoxide woven glass fabric copper-clad laminated sheet of defined flammability, in thicknesses of 0,5 mm up to 6,4 mm.

EVS-EN 60249-2-18:2002/

A2:2003

Hind 126,00

Identne IEC 249-2-18:1992/

A2:1994

ja identne EN 60249-2-18:1993/

A2:1995

**Base materials for printed circuits - Part 2: Specifications - Specificaton No. 18:**

**Bismaleimide/triazine modified epoxide woven glass fabric copper-clad laminated sheet of defined flammability (vertical burning test)**

This specification of IEC 249 gives requirements for properties of bismaleimide/triazine modified epoxide woven glass fabric copper-clad laminated sheet of defined flammability, in thicknesses of 0,5 mm up to 6,4 mm.

**EVS-EN 60249-2-19:2003**

Hind 146,00

Identne IEC 249-2-19 :1992+

A1,2:1994

ja identne EN 60249-2-19:1993 +

A1,2:1995

**Base materials for printed circuits - Part 2: Specifications - Specificaton No. 19: Thin bismaleimide/triazine modified epoxide woven glass fabric copper-clad laminated sheet of defined flammability for use in the fabrication of multilayer printed boards**

Gives requirements for properties of thin bismaleimide/triazine modified epoxide woven glass fabric copper-clad laminated sheet of defined flammability for use in the fabricaton of mutilayer printed boards.

**EVS-EN 60249-2-1:2002/A2:2003**

Hind 57,00

Identne IEC 249-2-1:1994

ja identne EN 60249-2-1:1994/

A2:1994

**Base materials for printed circuits - Part 2: Specifications - Specification No. 1: Phenolic cellulose paper copper-clad laminated sheet, high electrical quality**

Gives requirements for properties of phenolic cellulose paper copper-clad laminated sheet, high electrical quality, in thicknesses of 0.5 mm up to 6.4 mm. The sheet consists of an insulating base phenolic resin bonded cellulose paper laminate with metal foil bonded to one or both side. This publication supersedes IEC 249-2 (1970), 249-2A (1971) and 249-2B (1973).

**EVS-EN 60249-2-1:2002/**

**A3:2003**

Hind 199,00

Identne IEC 249-2-1:1994/

A3:1994

ja identne EN 60249-2-1:1994/

A3:1995

**Base materials for printed circuits - Part 2: Specifications - Specification No. 1: Phenolic cellulose paper copper-clad laminated sheet, high electrical quality**

Gives requirements for properties of phenolic cellulose paper copper-clad laminated sheet, high electrical quality, in thicknesses of 0.5 mm up to 6.4 mm. The sheet consists of an insulating base phenolic resin bonded cellulose paper laminate with metal foil bonded to one or both side. This publication supersedes IEC 249-2 (1970), 249-2A (1971) and 249-2B (1973).

**EVS-EN 60249-2-**

**2:2002/A3:2003**

Hind 117,00

Identne IEC 249-2-2:1985/

A3:1993

ja identne EN 60249-2-2:1994/

A3:1994

**Base materials for printed circuits - Part 2: Specifications - Specification No. 2: Phenolic cellulose paper copper-clad laminated sheet, economic quality**

Gives requirements for properties of phenolic cellulose paper copper-clad laminated sheet, of defined flammability and high electrical quality, in thicknesses of 0.5 mm up to 6.4 mm. The sheet consists of an insulating base (phenolic resin bonded cellulose paper laminate) with metal foil bonded to one or both sides. This publication supersedes IEC 249-2 (1970) and 249-2A (1971).

**EVS-EN 60249-2-**

**2:2002/A4:2003**

Hind 109,00

Identne IEC 249-2-2:1985/

A4:1994

ja identne EN 60249-2-2:1994/

A4:1995

**Base materials for printed circuits - Part 2: Specifications - Specification No. 2: Phenolic cellulose paper copper-clad laminated sheet, economic quality**

Gives requirements for properties of phenolic cellulose paper copper-clad laminated sheet, of defined flammability and high electrical quality, in thicknesses of 0.5 mm up to 6.4 mm. The sheet consists of an insulating base (phenolic resin bonded cellulose paper laminate) with metal foil bonded to one or both sides. This publication supersedes IEC 249-2 (1970) and 249-2A (1971).

**EVS-EN 60249-2-3:2002/A2:2003**

Hind 126,00

Identne IEC 249-2-3:1987/

A2:1993

ja identne EN 60249-2-3:1994/

A2:1994

**Base materials for printed circuits - Part 2: Specifications - Specification No. 3: Epoxide cellulose paper copper-clad laminated sheet of defined flammability (vertical burning test)**

Gives requirements for properties of epoxide cellulose paper copper-clad laminated sheet, of defined flammability, in thickness of 0.5 mm up to 6.4 mm. The sheet consists of an insulating base (epoxide resin bonded cellulose paper laminate) with metal foil bonded to one or both sides. This publication supersedes IEC 249-2 (1970), 249-2A (1971) and 49-2B (1973) and 249-2D (1975).

**EVS-EN 60249-2-3:2002/**

**A3:2003**

Hind 117,00

Identne IEC 249-2-3:1987/

A3:1994

ja identne EN 60249-2-3:1994/

A3:1995

**Base materials for printed circuits - Part 2: Specifications - Specification No. 3: Epoxide cellulose paper copper-clad laminated sheet of defined flammability (vertical burning test)**

Gives requirements for properties of epoxide cellulose paper copper-clad laminated sheet, of defined flammability, in thickness of 0.5 mm up to 6.4 mm. The sheet consists of an insulating base (epoxide resin bonded cellulose paper laminate) with metal foil bonded to one or both sides. This publication supersedes IEC 249-2 (1970), 249-2A (1971) and 49-2B (1973) and 249-2D (1975).



**EVS-EN 60249-2-4:2002/**

**A3:2003**

Hind 75,00

Identne IEC 249-2-4:1987/

A3:1993

ja identne EN 60249-2-4:1994/

A3:1994

**Base materials for printed circuits - Part 2: Specifications - Specification No. 4: Epoxide woven glass fabric copper-clad laminated sheet, general purpose grade**

Gives requirements for properties of epoxide woven glass fabric copper-clad laminated sheet, general purpose grade, in thicknesses of 0.5 mm up to 6.4 mm. The sheet consists of an insulating base (epoxide resin bonded woven glass fabric laminate) with metal foil bonded to one or both sides. This publication supersedes IEC 249-2 (1970), 249-2A (1971) and 249-2B (1973) and 249-2D (1975).

**EVS-EN 60249-2-4:2002/**

**A4:2003**

Hind 75,00

Identne IEC 249-2-4:1987/

A4:1994

ja identne EN 60249-2-4:1994/

A4:1995

**Base materials for printed circuits - Part 2: Specifications - Specification No. 4: Epoxide woven glass fabric copper-clad laminated sheet, general purpose grade**

Gives requirements for properties of epoxide woven glass fabric copper-clad laminated sheet, general purpose grade, in thicknesses of 0.5 mm up to 6.4 mm. The sheet consists of an insulating base (epoxide resin bonded woven glass fabric laminate) with metal foil bonded to one or both sides. This publication supersedes IEC 249-2 (1970), 249-2A (1971) and 249-2B (1973) and 249-2D (1975).

**EVS-EN 60249-2-**

**5:2002/A4:2003**

Hind 126,00

Identne IEC 249-2-5:1987/

A4:1994

ja identne EN 60249-2-5:1994/

A4:1995

**Base materials for printed circuits - Part 2: Specifications - Specification No. 5: Epoxide woven glass fabric copper-clad laminated sheet of defined flammability (vertical burning test)**

Gives requirements for properties of epoxide woven glass fabric copper-clad laminated sheet, of defined flammability, in thicknesses of 0.5 mm up to 6.4 mm. The sheet consists of an insulating base (epoxide resin bonded woven glass fabric laminate) with metal foil bonded to one or both sides. This publication supersedes IEC 249-2 (1970), 249-2A (1971), 249-2B (1973) and 249-2D (1975).

**EVS-EN 60249-2-6:2002/**

**A3:2003**

Hind 117,00

Identne IEC 249-2-6:1985/

A3:1994

ja identne EN 60249-2-6:1994/

A3:1995

**Base materials for printed circuits - Part 2: Specifications - Specification No. 6: Phenolic cellulose paper copper-clad laminated sheet of defined flammability (horizontal burning test)**

Gives requirements for properties of phenolic cellulose paper copper-clad, laminated sheet, economic quality, in thicknesses of 0.5 mm up to 6.4 mm. The sheet consists of an insulating base (phenolic resin bonded cellulose paper laminate) with metal foil bonded to one or both sides.

**EVS-EN 60249-2-7:2002/**

**A3:2003**

Hind 117,00

Identne IEC 249-2-7:1987/

A3:1994

ja identne EN 60249-2-7:1994/

A3:1995

**Base materials for printed circuits - Part 2: Specifications - Specification No. 7: Phenolic cellulose paper copper-clad laminated sheet of defined flammability (vertical burning test)**

Gives requirements for properties of phenolic cellulose paper copper-clad laminated sheet, of defined flammability, in thicknesses of 0.5 mm up to 3.2 mm. The sheet consists of an insulating base (phenolic resin bonded cellulose paper laminate) with metal foil bonded to one or both sides.

**EVS-EN 60249-2-9:2002/**

**A3:2003**

Hind 117,00

Identne IEC 249-2-9:1987/

A3:1993

ja identne EN 60249-2-9:1994/

A3:1994

**Base materials for printed circuits - Part 2: Specifications - Specification No. 9: Epoxide cellulose paper core, epoxide glass cloth surfaces copper-clad laminated sheet of defined flammability (vertical burning test)**

Gives requirements for properties of epoxide cellulose paper core, epoxide glass cloth surface copper-clad laminated sheet, of defined flammability, in thicknesses of 0.7 mm up to 6.4 mm. The sheet consists of an insulating base (epoxide resin bonded composite laminate consisting of a cellulose paper core and glass cloth surface layers) with metal foil bonded to one or both sides.

**EVS-EN 60249-2-9:2002/**

**A4:2003**

Hind 101,00

Identne IEC 249-2-9:1987/

A4:1994

ja identne EN 60249-2-9:1994/

A4:1995

**Base materials for printed circuits - Part 2: Specifications - Specification No. 9: Epoxide cellulose paper core, epoxide glass cloth surfaces copper-clad laminated sheet of defined flammability (vertical burning test)**

Gives requirements for properties of epoxide cellulose paper core, epoxide glass cloth surface copper-clad laminated sheet, of defined flammability, in thicknesses of 0.7 mm up to 6.4 mm. The sheet consists of an insulating base (epoxide resin bonded composite laminate consisting of a cellulose paper core and glass cloth surface layers) with metal foil bonded to one or both sides.

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**31.190****Elektroonikakomponentid  
e koosted**

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**Electronic component  
assemblies**

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**UUED STANDARDID****EVS-EN 61192-1:2003**

Hind 247,00

Identne IEC 61192-1:2003

ja identne EN 61192-1:2003

**Workmanship requirements for  
soldered electronic assemblies -  
Part 1: General**

Specifies general requirements for workmanship in soldered electronic assemblies on printed boards and on similar laminates attached to the surface(s) of organic substrates. Defines requirements and guidelines for good workmanship and practice in the preparation, soldering, inspection and testing of electronic and electrical assemblies. Enables achievement of high yields and high product quality through process control in production

**EVS-EN 61192-2:2003**

Hind 229,00

Identne IEC 61192-2:2003

ja identne EN 61192-2:2003

**Workmanship requirements for  
soldered electronic assemblies -  
Part 2: Surface-mount  
assemblies**

Specifies requirements for workmanship in soldered surface-mounted electronic assemblies and multichip modules on organic substrates, on printed boards, and on similar laminates attached to the surface(s) of inorganic substrates. Applies to assemblies that are totally surface-mounted and to the surface-mount portions of assemblies that include other related assembly technologies, for example, through-hole mounting

**EVS-EN 61192-4:2003**

Hind 170,00

Identne IEC 61192-4:2002

ja identne EN 61192-4:2003

**Workmanship requirements for  
soldered electronic assemblies -  
Part 4: Terminal assemblies**

Specifies general requirements for workmanship in terminal soldered assemblies on organic substrates, on printed boards, and on similar laminates attached to the surface(s) of inorganic substrates. It applies to assemblies that are totally terminals or mixed assemblies that include surface-mounting or other related assembly technologies, for example through-hole, wires

**EVS-EN 51188-5-6:2003**

Hind 130,00

Identne IEC 61188-5-6:2003

ja identne EN 61188-5-6:2003

**Printed boards and printed  
board assemblies - Design and  
use - Part 5-6: Attachment  
(land/joint) considerations -  
Chip carriers with J-leads on  
four sides**

Provides information on land pattern geometries used for the surface attachment of electronic components with J leads on four sides. Provides the appropriate size, shape and tolerances of surface mount land patterns so as to ensure sufficient area for the appropriate solder fillet, and also allows for inspection, testing and reworking of resulting solder joints

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**31.220.10****Pistikseadised. Liitmikud**

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**Plug-and-socket devices.  
Connectors**

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**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 56726

Tähtaeg: 2003-11-01

Identne IEC 60512-2-2:2003

ja identne EN 60512-2-2:2003

**Connectors for electronic  
equipment - Tests and  
measurements - Part 2-2:  
Electrical continuity and  
contact resistance tests -  
Test 2b: Contact resistance -  
Specified test current method**

Defines a standard test method to measure the electrical resistance across a pair of mated contacts or a contact with a measuring gauge

prEVS 56727

Tähtaeg: 2003-11-01

Identne IEC 60512-2-5:2003

ja identne EN 60512-2-5:2003

**Connectors for electronic  
equipment - Tests and  
measurements - Part 2-5:  
Electrical continuity and  
contact resistance tests - Test  
2e: Contact disturbance**

Defines a standard test method for detecting contact disturbance of electromechanical components under specified dynamic conditions

prEVS 56728

Tähtaeg: 2003-11-01

Identne IEC 60512-4-1:2003

ja identne EN 60512-4-1:2003

**Connectors for electronic  
equipment - Tests and  
measurements - Part 4-1:  
Voltage stress tests - Test 4a:  
Voltage proof**

Defines a standard test method to determine the ability of a component to withstand specified test voltages applied in a specified manner

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**31.240****Elektronseadmete  
mehaanilised osad**

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**Mechanical structures for  
electronic equipment**

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**UUED STANDARDID****EVS-EN 60297-4:2003**

Hind 139,00

Identne IEC 297-4:1995 +

A1:1999

ja identne EN 60297-4:1995 +

A1:1999

**Mechanical structures for  
electronic equipment -  
Dimensions of mechanical  
structures of the 482,6 mm (19  
in) series - Part 4: Subracks and  
associated plug-in units -  
Additional dimensions**

This part of IEC 297 relates to equipment practice of the 482,6 mm (19 in) series where plug-in units with or without injectors/extractors are used with connectors according to IEC 603-2. This part is intended to ensure mechanical interchangeability and intermateability between plug-in units and subracks.

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31.260

**Optoelektronika.  
Lasersedmed**

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Optoelectronics. Laser  
equipment

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**UUED STANDARDID**

**EVS-EN ISO 11670:2003**

Hind 92,00

Identne ISO 11670:2003

ja identne EN ISO 11670:2003

**Lasers and laser-related  
equipment - Test methods for  
laser beam parameters - Beam  
positional stability**

This International Standard defines  
methods for determining the beam  
positional as well as angular  
stability. The test methods given in  
this International Standard are  
intended to be used for testing and  
characterization of lasers

**EVS-EN ISO 11990:2003**

Hind 83,00

Identne ISO 11990:2003

ja identne EN ISO 11990:2003

**Optics and optical instruments -  
Lasers and laser-related  
equipment - Determination of  
laser resistance of tracheal tube  
shafts**

This International Standard  
specifies a method of testing the  
continuous wave (cw) laser  
resistance of the shaft of a tracheal  
tube

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33.020

**Sidetehnika üldküsimumed**

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Telecommunications in  
general

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**UUED STANDARDID**

**EVS-EN 300 392-11-19**

V1.1.1:2003

Hind 139,00

Identne EN 300 392-11-19

V1.1.1:2001

**Terrestrial Trunked Radio  
(TETRA);Voice plus Data  
(V+D);Part 11: Supplementary  
services stage 2;Sub-part 19:  
Barring of Incoming Calls  
(BIC)**

**EVS-EN 301 160 V1.2.1:2003**

Hind 170,00

Identne EN 301 160 V1.2.1:2002

**Routeing of calls to European  
Telephony Numbering Space  
(ETNS) services**

**EVS-EN 301 161 V1.2.1:2003**

Hind 117,00

Identne EN 301 161 V1.2.1:2002  
**Management of the European  
Telephony Numbering Space  
(ETNS)**

**EVS-EN 301 419-1 V4.1.1:2003**

Hind 259,00

Identne EN 301 419-1 V4.1.1:2000

**Digital cellular  
telecommunications system  
(Phase 2) (GSM);Attachment  
requirements for Global System  
for Mobile communications  
(GSM);Part 1: Mobile stations in  
the GSM 900 and DCS 1 800  
bands;Access (GSM 13.01  
version 4.1.1)**

**EVS-EN 301 426 V1.2.1:2003**

Hind 155,00

Identne EN 301 426 V1.2.1:2001

**Satellite Earth Stations and  
Systems (SES);Harmonized EN  
for Low data rate Land Mobile  
satellite Earth Stations (LMES)  
and Maritime Mobile satellite  
Earth Stations (MMES) not  
intended for distress and safety  
communications operating in  
the 1,5/1,6 GHz frequency  
bands covering essential  
requirements under article 3.2  
of the R&TTE Directive**

**EVS-EN 301 681 V1.3.2:2003**

Hind 190,00

Identne EN 301 681 V1.3.2:2003

**Harmonized EN for Mobile  
Earth Stations (MESs) of  
Geostationary mobile satellite  
systems, including handheld  
earth stations, for Satellite  
Personal Communications  
Networks (S-PCN) in the  
1,5/1,6 GHz bands under the  
Mobile Satellite Service(MSS)  
covering essential requirements  
under article 3.2 of the R&TTE  
Directive**

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56837

Tähtaeg: 2003-11-01

Identne EN 300 019-1-1 V2.1.2

2002

**Environmental Engineering  
(EE); Environmental conditions  
and environmental tests for  
telecommunications equipment;  
Part 1-1: Classification of  
environmental conditions;  
Storage**

prEVS 56838

Tähtaeg: 2003-11-01

Identne EN 300 019-1-2

V2.1.2:2002

**Environmental Engineering  
(EE); Environmental conditions  
and environmental tests for  
telecommunications equipment;  
Part 1-2: Classification of  
environmental conditions;  
Transportation**

prEVS 56839

Tähtaeg: 2003-11-01

Identne EN 300 019-1-5 V2.1.2:

2002

**Environmental Engineering  
(EE); Environmental conditions  
and environmental tests for  
telecommunications equipment;  
Part 1-5: Classification of  
environmental conditions;  
Ground vehicle installations**

prEVS 56840

Tähtaeg: 2003-11-01

Identne EN 300 019-1-6 V2.1.2:

2002

**Environmental Engineering  
(EE); Environmental conditions  
and environmental tests for  
telecommunications equipment;  
Part 1-6: Classification of  
environmental conditions; Ship  
environments**

prEVS 56841

Tähtaeg: 2003-11-01

Identne EN 300 019-1-7 V2.1.2:

2002

**Environmental Engineering  
(EE); Environmental conditions  
and environmental tests for  
telecommunications equipment;  
Part 1-7: Classification of  
environmental conditions;  
Portable and non-stationary use**

prEVS 56842

Tähtaeg: 2003-11-01

Identne EN 300 019-1-8 V2.1.2:

2002

**Environmental Engineering  
(EE); Environmental conditions  
and environmental tests for  
telecommunications equipment;  
Part 1-8: Classification of  
environmental conditions;  
Stationary use at underground  
locations**

prEVS 56843

Tähtaeg: 2003-11-01

Identne EN 300 019-2-5

V3.0.0:2002

**Environmental Engineering  
(EE); Environmental conditions  
and environmental tests for  
telecommunications equipment;  
Part 2-5: Specification of  
environmental tests; Ground  
vehicle installations**

prEVS 56844

Tähtaeg: 2003-11-01

Identne EN 300 019-2-6 V3.0.0:

2002

**Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-6: Specification of environmental tests; Ship environments**

prEVS 56845

Tähtaeg: 2003-11-01

Identne EN 300 019-2-7 V3.0.0:

2002

**Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-7: Specification of environmental tests; Portable and non-stationary use**

prEVS 56855

Tähtaeg: 2003-11-01

Identne EN 300 132-2 V2.1.1:2003

**Environmental Engineering (EE); Power supply interface at the input to telecommunications equipment; Part 2: Operated by direct current (dc)**

prEVS 56862

Tähtaeg: 2003-11-01

Identne EN 300 253 V2.1.1:2002

**Environmental Engineering (EE); Earthing and bonding of telecommunication equipment in telecommunication centres**

**Environmental Engineering (EE); Earthing and bonding of telecommunication equipment in telecommunication centres**

**Analogue Access and Terminals (AT); Ordinary and Special quality voice bandwidth 2-wire analogue leased lines (A2O and A2S); Terminal equipment interface**

EVS-EN 300 451 V1.2.1:2003

Hind 163,00

Identne EN 300 451 V1.2.1:2001

**Analogue Access and Terminals (AT); Ordinary quality voice bandwidth 4-wire analogue leased line (A4O); Connection characteristics and network interface presentation**

EVS-EN 300 452 V1.2.1:2003

Hind 179,00

Identne EN 300 452 V1.2.1:2001

**Analogue Access and Terminals (AT); Special quality voice bandwidth 4-wire analogue leased line (A4S); Connection characteristics and network interface presentation**

EVS-EN 300 453 V1.2.1:2003

Hind 139,00

Identne EN 300 453 V1.2.1:2001

**Access and Terminals (AT); Ordinary and Special quality voice bandwidth 4-wire analogue leased lines (A4O and A4S); Terminal equipment interface**

EVS-EN 300 631-1 V1.1.1:2003

Hind 117,00

Identne EN 300 631-1 V1.1.1:1997

**Transmission and Multiplexing (TM); Digital Radio Relay Systems (DRRS); Part 1:**

**Antennas for Point-to-Point (P-P) radio links in the 1 GHz to 3 GHz band**

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56865

Tähtaeg: 2003-11-01

Identne EN 300 291-2 V1.1.1:2003

**Telecommunications**

**Management Network (TMN);**

**Functional specification of**

**Customer Administration (CA)**

**on the Operations**

**System/Network Element**

**(OS/NE) interface; Part 2:**

**Multiline configurations**

prEVS 56885

Tähtaeg: 2003-11-01

Identne EN 300 420 V1.2.1:2001

**Access and Terminals (AT); 2**

**048 kbit/s digital structured**

**leased lines (D2048S); Terminal**

**equipment interface**

**33.060**

**Raadioside**

**Radiocommunications**

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56884

Tähtaeg: 2003-11-01

Identne EN 300 408 V1.3.1:2002

**Fixed Radio Systems; Point-to-point equipment; Parameters for digital radio systems for the transmission of digital signals and analogue video signals operating at around 58 GHz, which do not require co-ordinated frequency planning**

prEVS 56886

Tähtaeg: 2003-11-01

Identne EN 300 430 V1.4.1:2002

**Fixed Radio Systems; Point-to-point equipment; Parameters for radio systems for the transmission of STM-1 digital signals operating in the 18 GHz frequency band with channel spacing of 55 MHz and 27,5 MHz**

prEVS 56887

Tähtaeg: 2003-11-01

Identne EN 300 431 V1.4.1:2002

**Fixed Radio Systems; Point-to-point equipment; Parameters for radio system for the transmission of digital signals operating in the frequency range 24,50 GHz to 29,50 GHz**

prEVS 56888

Tähtaeg: 2003-11-01

Identne EN 300 462-2-1

V1.2.1:2002

**Transmission and Multiplexing (TM); Generic requirements for synchronization networks;**

**Part 2-1: Synchronization network architecture based on SDH networks**

prEVS 56892

Tähtaeg: 2003-11-01

Identne EN 300 632 V1.2.1:2002

**Transmission and Multiplexing (TM); Fixed radio link**

**equipment for the transmission of analogue video signals operating in the frequency bands 24,25 GHz to 29,50 GHz and 31,0 GHz to 31,8 GHz**

prEVS 56893

Tähtaeg: 2003-11-01

Identne EN 300 632 V1.2.2:2002

**33.040**

**Sidesüsteemid**

**Telecommunication systems**

**UUED STANDARDID**

EVS-EN 300 290 V1.2.1:2003

Hind 139,00

Identne EN 300 290 V1.2.1:2001

**Access and Terminals (AT); 64**

**kbit/s digital unrestricted**

**leased line with octet integrity**

**(D64U); Terminal equipment**

**interface**

EVS-EN 300 449 V1.2.1:2003

Hind 179,00

Identne EN 300 449 V1.2.1:2001

**Access and Terminals (AT);**

**Special quality voice bandwidth**

**2-wire analogue leased line**

**(A2S); Connection**

**characteristics and network**

**interface presentation**

EVS-EN 300 450 V1.2.1:2003

Hind 139,00

Identne EN 300 450 V1.2.1:2001

**Transmission and Multiplexing (TM); Fixed radio link equipment for the transmission of analogue video signals operating in the frequency bands 24,25 GHz to 29,50 GHz and 31,0 GHz to 31,8 GHz**  
prEVS 56896  
Tähtaeg: 2003-11-01  
Identne EN 300 833 V1.4.1:2002  
**Fixed Radio Systems; Point-to-point antennas; Antennas for point-to-point fixed radio systems operating in the frequency band 3 GHz to 60 GHz**  
prEVS 56898  
Tähtaeg: 2003-11-01  
Identne EN 301 021 V1.4.1:2001  
**Fixed Radio Systems; Point-to-multipoint equipment; Time Division Multiple Access (TDMA); Point-to-multipoint digital radio systems in frequency bands in the range 3 GHz to 11 GHz**

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**33.060.20**

**Vastuvõtu- ja saateseadmed**

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Receiving and transmitting equipment

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**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 56894  
Tähtaeg: 2003-11-01  
Identne EN 300 743 V1.2.1:2002  
**Digital Video Broadcasting (DVB); Subtitling systems**

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**33.060.70**

**Mobiilside, DECT**

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Mobile services, Digital Enhanced Cordless Telecommunications (DECT)

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**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 56889  
Tähtaeg: 2003-11-01  
Identne EN 300 494-1 V1.4.1:2002  
**Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile Test Specification (PTS); Part 1: Summary**  
prEVS 56890  
Tähtaeg: 2003-11-01  
Identne EN 300 494-2 V1.4.1:2002

**Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile Test Specification (PTS); Part 2: Profile Specific Test Specification (PSTS) - Portable radio Termination (PT)**  
prEVS 56891  
Tähtaeg: 2003-11-01  
Identne EN 300 494-3 V1.4.1:2002  
**Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile Test Specification (PTS); Part 3: Profile Specific Test Specification (PSTS) - Fixed radio Termination (FT)**  
prEVS 56895  
Tähtaeg: 2003-11-01  
Identne EN 300 757 V1.4.1:2002  
**Digital Enhanced Cordless Telecommunications (DECT); Low Rate Messaging Service (LRMS) including Short Messaging Service (SMS)**

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**33.070**

**Mobiilside**

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Mobile services

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**KAVANDITE  
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prEVS 56873  
Tähtaeg: 2003-11-01  
Identne EN 300 392-1 V1.2.1:2003  
**Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 1: General network design**  
prEVS 56874  
Tähtaeg: 2003-11-01  
Identne EN 300 392-3-1 V1.2.1:2002  
**Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 3: Interworking at the Inter-System Interface (ISI); Sub-part 1: General design**  
prEVS 56875  
Tähtaeg: 2003-11-01  
Identne EN 300 392-10-10 V1.2.1:2002  
**Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 10: Supplementary services stage 1; Sub-part 10: Priority Call (PC)**  
prEVS 56876  
Tähtaeg: 2003-11-01  
Identne EN 300 392-10-14 V1.2.1:2002

**Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 10: Supplementary services stage 1; Sub-part 14: Late Entry (LE)**  
prEVS 56877  
Tähtaeg: 2003-11-01  
Identne EN 300 392-10-17 V1.2.1:2002  
**Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 10: Supplementary services stage 1; Sub-part 17: Include Call (IC)**  
prEVS 56878  
Tähtaeg: 2003-11-01  
Identne EN 300 392-10-18 V1.2.1:2002  
**Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 10: Supplementary services stage 1; Sub-part 18: Barring of Outgoing Calls (BOC)**  
prEVS 56879  
Tähtaeg: 2003-11-01  
Identne EN 300 392-10-19 V1.2.1:2002  
**Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 10: Supplementary services stage 1; Sub-part 19: Barring of Incoming Calls (BIC)**  
prEVS 56880  
Tähtaeg: 2003-11-01  
Identne EN 300 392-11-14 V1.1.1:2002  
**Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 11: Supplementary services stage 2; Sub-part 14: Late Entry (LE)**  
prEVS 56881  
Tähtaeg: 2003-11-01  
Identne EN 300 392-12-14 V1.1.1:2002  
**Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 12: Supplementary services stage 3; Sub-part 14: Late Entry (LE)**  
prEVS 56882  
Tähtaeg: 2003-11-01  
Identne EN 300 396-2 V1.2.1:2002  
**Terrestrial Trunked Radio (TETRA); Technical requirements for Direct Mode Operation (DMO); Part 2: Radio aspects**  
prEVS 56883  
Tähtaeg: 2003-11-01  
Identne EN 300 396-10 V1.1.2:2002

Terrestrial Trunked Radio (TETRA); Technical requirements for Direct Mode Operation (DMO); Part 10: Managed Direct Mode Operation (M-DMO)

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33.080

**Integraalteenustega digitaalvõrk (ISDN)**

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Integrated Services Digital Network (ISDN)

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**ARVAMUSKÜSITLUS**

prEVS 56836

Tähtaeg: 2003-11-01

Identne EN 300 009-2 V1.3.2:2000

Integrated Services Digital Network (ISDN); Signalling System No.7; Signalling

Connection Control Part

(SCCP) (connectionless and connection-oriented class 2) to support international

interconnection; Part 2: Protocol Implementation Conformance

Statement (PICS) proforma

specification

prEVS 56846

Tähtaeg: 2003-11-01

Identne EN 300 052-4 V1.3.1:2002

Integrated Services Digital Network (ISDN); Digital

Subscriber Signalling System

No. one (DSS1) protocol; Multi

Subscriber Number (MSN)

supplementary service; Part 4:

Abstract Test Suite (ATS) and

partial Protocol Implementation

eXtra Information for Testing

(PIXIT) proforma specification

for the user

prEVS 56847

Tähtaeg: 2003-11-01

Identne EN 300 052-6 V1.3.3:1999

Integrated Services Digital

Network (ISDN); Multiple

Subscriber Number (MSN)

supplementary service; Digital

Subscriber Signalling System

No. one (DSS1) protocol; Part 6:

Abstract Test Suite (ATS) and

partial Protocol Implementation

eXtra Information for Testing

(PIXIT) proforma specification

for the network

prEVS 56848

Tähtaeg: 2003-11-01

Identne EN 300 058-4 V1.3.1:2002

Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Call Waiting (CW) supplementary service; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user

prEVS 56849

Tähtaeg: 2003-11-01

Identne EN 300 058-6 V1.4.1:2002

Integrated Services Digital

Network (ISDN); Digital

Subscriber Signalling System

No. one (DSS1) protocol; Call

Waiting (CW) supplementary

service; Part 6: Abstract Test

Suite (ATS) and partial Protocol

Implementation eXtra

Information for Testing

(PIXIT) proforma specification

for the network

prEVS 56850

Tähtaeg: 2003-11-01

Identne EN 300 061-6 V1.3.3:1999

Integrated Services Digital

Network (ISDN);

Subaddressing (SUB)

supplementary service; Digital

Subscriber Signalling System

No. one (DSS1) protocol Part 6:

Abstract Test Suite (ATS) and

partial Protocol Implementation

eXtra Information for Testing

(PIXIT) proforma specification

for the network

prEVS 56851

Tähtaeg: 2003-11-01

Identne EN 300 090 V1.2.1:2000

Integrated Services Digital

Network (ISDN); Calling Line

Identification Restriction

(CLIR) supplementary service;

Service description

prEVS 56852

Tähtaeg: 2003-11-01

Identne EN 300 092-4 V1.3.1:2002

Integrated Services Digital

Network (ISDN); Digital

Subscriber Signalling System

No. one (DSS1) protocol;

Calling Line Identification

Presentation (CLIP)

supplementary service; Part 4:

Abstract Test Suite (ATS) and

partial Protocol

Implementation eXtra

Information for Testing

(PIXIT) proforma specification

for the user

prEVS 56853

Tähtaeg: 2003-11-01

Identne EN 300 092-6 V1.3.4:1999

Integrated Services Digital Network (ISDN); Calling Line Identification Presentation (CLIP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 6: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the network

prEVS 56854

Tähtaeg: 2003-11-01

Identne EN 300 093-4 V1.3.1:2002

Integrated Services Digital

Network (ISDN); Digital

Subscriber Signalling System

No. one (DSS1) protocol;

Calling Line Identification

Restriction (CLIR)

supplementary service; Part 4:

Abstract Test Suite (ATS) and

partial Protocol Implementation

eXtra Information for Testing

(PIXIT) proforma specification

for the user

prEVS 56856

Tähtaeg: 2003-11-01

Identne EN 300 138-5 V2.1.2:2000

Integrated Services Digital

Network (ISDN); Closed User

Group (CUG) supplementary

service; Digital Subscriber

Signalling System No. one

(DSS1) protocol; Part 5: Test

Suite Structure and Test

Purposes (TSS&TP)

specification for the network

prEVS 56857

Tähtaeg: 2003-11-01

Identne EN 300 188-4 V1.4.1:2002

Integrated Services Digital

Network (ISDN); Digital

Subscriber Signalling System

No. one (DSS1) protocol; Three-

Party (3PTY) supplementary

service; Part 4: Abstract Test

Suite (ATS) and partial Protocol

Implementation eXtra

Information for Testing

(PIXIT) proforma specification

for the user

prEVS 56858

Tähtaeg: 2003-11-01

Identne EN 300 188-6 V1.4.1:2002

**Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Three-Party (3PTY) supplementary service; Part 6: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the network**

prEVS 56859

Tähtaeg: 2003-11-01

Identne EN 300 195-1 V3.1.1:2002

**Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Supplementary service interactions; Part 1: Protocol specification**

prEVS 56860

Tähtaeg: 2003-11-01

Identne EN 300 195-2 V3.1.1:2002

**Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Supplementary service interactions; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**

prEVS 56861

Tähtaeg: 2003-11-01

Identne EN 300 207-6 V3.2.1:2003

**Integrated Services Digital Network (ISDN); Diversion supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 6: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the network**

prEVS 56863

Tähtaeg: 2003-11-01

Identne EN 300 286-5 V1.4.1:2003

**Integrated Services Digital Network (ISDN); User-to-User Signalling (UUS) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 5: Test Suite Structure and Test Purposes (TSS&TP) specification for the network**

prEVS 56864

Tähtaeg: 2003-11-01

Identne EN 300 286-6 V1.4.1:2003

**Integrated Services Digital Network (ISDN); User-to-User Signalling (UUS)**

**supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 6: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the network**

prEVS 56867

Tähtaeg: 2003-11-01

Identne EN 300 356-2 V4.2.1:2002

**Integrated Services Digital Network (ISDN); Signalling System No. 7 (SS7); ISDN User Part (ISUP) version 4 for the international interface; Part 2: ISDN supplementary service [ITU-T Recommendation Q.730 (1999) modified]**

prEVS 56868

Tähtaeg: 2003-11-01

Identne EN 300 356-3

V3.3.1:2003

**Integrated Services Digital Network (ISDN); Signalling System No.7 (SS7); ISDN User Part (ISUP) version 3 for the international interface; Part 36: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for supplementary services**

prEVS 56869

Tähtaeg: 2003-11-01

Identne EN 300 369-3 V1.3.1:2002

**Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Explicit Call Transfer (ECT) supplementary service; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user**

prEVS 56870

Tähtaeg: 2003-11-01

Identne EN 300 369-5 V1.3.1:2002

**Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Explicit Call Transfer (ECT) supplementary service; Part 5: Test Suite Structure and Test Purposes (TSS&TP) specification for the network**

prEVS 56897

Tähtaeg: 2003-11-01

Identne EN 300 899-4 V1.1.1:2002

**Integrated Services Digital Network (ISDN); Signalling System No.7 (SS7); Interworking between ISDN User Part (ISUP) version 2 and Digital Subscriber Signalling System No. one (DSS1) protocols; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification**

prEVS 56899

Tähtaeg: 2003-11-01

Identne EN 301 039 V1.2.1:2002

**Private Integrated Services Network (PISN); Mapping functions for the employment of 64 kbit/s circuit mode connections with 16 kbit/s sub-multiplexing [ISO/IEC 17310 (2002) modified]**

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### 33.100

#### Elektromagnetiline ühilduvus

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Electromagnetic compatibility (EMC)

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#### UUED STANDARDID

**EVS-EN 60437:2003**

Hind 101,00

Identne IEC 60437:1997

ja identne EN 60437:1997

**Radio interference test on high-voltage insulators**

This standard specifies the procedure for a radio interference (R.I.) test carried out in a laboratory on clean and dry insulators at a frequency of 0,5 MHz or 1 MHz or alternatively at other frequencies between 0,5 MHz and 2 MHz.

**EVS-EN 300 471-1 V1.2.1:2003**

Hind 146,00

Identne EN 300 471-1 V1.2.1:2000

**Electromagnetic Compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Rules for Access and the Sharing of common used channels by equipment complying with 300 113; Part 1: Technical characteristics and methods of measurement**

**EVS-EN 300 673 V1.2.1:2003**

Hind 163,00

Identne EN 300 673 V1.2.1:2000

**ElectroMagnetic Compatibility (EMC) standard for Very Small Aperture Terminal (VSAT), Satellite News Gathering (SNG), Satellite Interactive Terminals (SIT) and Satellite User Terminals (SUT) Earth Stations operated in the frequency ranges between 4 GHz and 30 GHz in the Fixed Satellite Service (FSS)**  
**EVS-EN 301 489-1 V1.4.1:2003**  
Hind 170,00  
Identne EN 301 489-1 V1.4.1:2002

**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 1: Common technical requirements**  
**EVS-EN 301 489-10 V1.1.1:2003**  
Hind 117,00  
Identne EN 301 489-10 V1.1.1: 2000

**ElectroMagnetic Compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 10: Specific conditions for First (CT1 and CT1+) and Second Generation Cordless Telephone (CT2) equipment**  
**EVS-EN 301 489-10 V1.3.1:2003**  
Hind 126,00  
Identne EN 301 489-10 V1.3.1: 2002

**spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 10: Specific conditions for First (CT1 and CT1+) and Second Generation Cordless Telephone (CT2) equipment**  
**EVS-EN 301 489-13 V1.2.1:2003**  
Hind 117,00  
Identne EN 301 489-13 V1.2.1: 2002

**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 13: Specific conditions for Citizens' Band (CB) radio and ancillary equipment (speech and non-speech)**  
**EVS-EN 301 489-15 V1.2.1:2003**  
Hind 92,00  
Identne EN 301 489-15 V1.2.1: 2002

**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 15: Specific conditions for commercially available amateur radio equipment**  
**EVS-EN 301 489-16 V1.2.1:2003**  
Hind 109,00  
Identne EN 301 489-16 V1.2.1: 2002

**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 16: Specific conditions for analogue cellular radio communications equipment, mobile and portable**  
**EVS-EN 301 489-17 V1.2.1:2003**  
Hind 101,00  
Identne EN 301 489-17 V1.2.1: 2002

**spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 17: Specific conditions for 2,4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment**  
**EVS-EN 301 489-18 V1.1.1:2003**  
Hind 109,00  
Identne EN 301 489-18 V1.1.1: 2000

**ElectroMagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 18: Specific conditions for Terrestrial Trunked Radio (TETRA) equipment**  
**EVS-EN 301 489-18 V1.3.1:2003**  
Hind 109,00  
Identne EN 301 489-18 V1.3.1: 2002

**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 18: Specific conditions for Terrestrial Trunked Radio (TETRA) equipment**  
**EVS-EN 301 489-19 V1.2.1:2003**  
Hind 101,00  
Identne EN 301 489-19 V1.2.1: 2002

**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications**  
**EVS-EN 301 489-2 V1.3.1:2003**  
Hind 117,00  
Identne EN 301 489-2 V1.3.1:2002

**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 2: Specific conditions for radio paging equipment**  
**EVS-EN 301 489-20 V1.2.1:2003**  
Hind 109,00  
Identne EN 301 489-20 V1.2.1: 2002

**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 20: Specific conditions for Mobile Earth Stations (MES) used in the Mobile Satellite Services (MSS)**  
**EVS-EN 301 489-22 V1.2.1:2003**  
Hind 109,00  
Identne EN 301 489-22 V1.2.1: 2002

**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 22: Specific conditions for ground based VHF aeronautical mobile and fixed radio equipment**  
**EVS-EN 301 489-23 V1.2.1:2003**  
Hind 109,00  
Identne EN 301 489-23 V1.2.1: 2002

**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 23: Specific conditions for IMT-2000 CDMA Direct Spread (UTRA) Base Station (BS) radio, repeater and ancillary equipment**  
**EVS-EN 301 489-24 V1.2.1:2003**  
Hind 126,00  
Identne EN 301 489-24 V1.2.1:



2002

**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 24: Specific conditions for IMT-2000 CDMA Direct Spread (UTRA) for Mobile and portable (UE) radio and ancillary equipment**

**EVS-EN 301 489-3 V1.2.1:2003**  
Hind 126,00

**Identne EN 301 489-3 V1.2.1:2000**  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz**

**EVS-EN 301 489-3 V1.4.1:2003**  
Hind 126,00

**Identne EN 301 489-3 V1.4.1:2002**  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz**

**EVS-EN 301 489-4 V1.3.1:2003**  
Hind 146,00

**Identne EN 301 489-4 V1.3.1:2002**  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 4: Specific conditions for fixed radio links and ancillary equipment and services**

**EVS-EN 301 489-5 V1.3.1:2003**  
Hind 101,00

**Identne EN 301 489-5 V1.3.1:2002**  
**spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 5: Specific conditions for Private land Mobile Radio (PMR) and ancillary equipment (speech and non-speech)**

**EVS-EN 301 489-6 V1.2.1:2003**  
Hind 109,00

**Identne EN 301 489-6 V1.2.1:2002**

**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 6: Specific conditions for Digital Enhanced Cordless Telecommunications (DECT) equipment**

**EVS-EN 301 489-7 V1.2.1:2003**  
Hind 126,00

**Identne EN 301 489-7 V1.2.1:2002**  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 7: Specific conditions for mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS)**

**EVS-EN 301 489-8 V1.2.1:2003**  
Hind 126,00

**Identne EN 301 489-8 V1.2.1:2002**  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 8: Specific conditions for GSM base stations**

**EVS-EN 301 489-9 V1.1.1:2003**  
Hind 130,00

**Identne EN 301 489-9 V1.1.1:2000**  
**ElectroMagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 9: Specific conditions for wireless microphones and similar Radio Frequency (RF) audio link equipment**

**EVS-EN 301 489-9 V1.3.1:2003**  
Hind 126,00

**Identne EN 301 489-9 V1.3.1:2002**  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 9: Specific conditions for wireless microphones, similar Radio Frequency (RF) audio link equipment, cordless audio and in-ear monitoring devices**

**EVS-EN 301 751 V1.2.1:2003**  
Hind 179,00

**Identne EN 301 751 V1.2.1:2002**

**Fixed Radio Systems;Point-to-Point equipments and antennas;Generic harmonized standard for Point-to-Point digital fixed radio systems and antennas covering the essential requirements under article 3.2 of the 1999/5/EC Directive**

**EVS-EN 302 018-2 V1.1.1:2003**  
Hind 130,00

**Identne EN 302 018-2 V1.1.1:2002**  
**Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Transmitting equipment for the Frequency Modulated (FM) radio broadcast service; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive**

**EVS-EN 302 489-11 V1.2.1:2003**  
Hind 126,00

**Identne EN 301 489-11 V1.2.1:2002**

**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 11: Specific conditions for terrestrial sound broadcasting service transmitters**

**EVS-EN 61000-4-15:2002/A1:2003**

Hind 155,00

**Identne IEC 61000-4-15:1997/A1:2003**

**ja identne EN 61000-4-15:1998/A1:2003**

**Electromagnetic compatibility (EMC) - Part 4: Testing and measurement techniques - Section 15: Flickermeter - Functional and design specifications**

This section of IEC 61000-4 gives a functional and design specification for flicker measuring apparatus intended to indicate the correct flicker perception level for all practical voltage fluctuation waveforms. Information is presented to enable such an instrument to be constructed. A method is given for the evaluation of flicker severity on the basis of the output of flickermeters complying with this standard.

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56798

Tähtaeg: 2003-11-01

Identne prEN 50240:2003

**Electromagnetic compatibility (EMC) - Product standard for resistance welding equipment**

This standard is applicable to equipment for resistance welding and allied processes intended for use in industrial and light industrial environments which are connected to mains supplies with rated voltages up to 1 000 V a.c. rms. This standard does not define safety requirements

prEVS 56866

Tähtaeg: 2003-11-01

Identne EN 300 330-1 V1.3.2:2002

**Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Part 1: Technical characteristics and test methods**

prEVS 56872

Tähtaeg: 2003-11-01

Identne EN 300 373-1 V1.2.1:2002

**Electromagnetic compatibility and Radio spectrum Matters (ERM); Maritime mobile transmitters and receivers for use in the MF and HF bands; Part 1: Technical characteristics and methods of measurement**

**33.100.01**

**Elektromagnetiline ühilduvus üldiselt**

Electromagnetic compatibility in general

**KAVANDITE ARVAMUSKÜSITLUS**

prEVS 27827

Tähtaeg: 2003-10-01

Identne IEC 61000-2-12:2003

ja identne EN 61000-2-12:2003

**Electromagnetic compatibility (EMC) - Part 2-12: Environment - Compatibility levels for low-frequency conducted disturbances and signalling in public medium-voltage power supply systems**

This part of IEC 61000 is concerned with conducted disturbances in the frequency range from 0 kHz to 9 kHz, with an extension up to 148,5 kHz specifically for mains signalling systems. Compatibility levels are specified for electromagnetic disturbances

**33.100.10**

**Kiirgus**

Emission

**UUED STANDARDID**

**EVS-EN 55013:2002/A1:2003**

Hind 109,00

Identne CISPR 13:2001/A1:2003

ja identne EN 55013:2001/

A1:2003

**Sound and television broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measurement**

Applies to the emission of broadband and narrowband electromagnetic energy which may cause interference to radio reception and which is emitted from: a) vehicles propelled by an internal combustion engine, electrical means, or both; b) boats propelled by an internal combustion engine, electrical means, or both. c) devices equipped with internal combustion engines. This standard includes limits and test methods for both broadband and narrowband emissions. The limits are designed to provide protection for broadcast receivers in the frequency range of 30 MHz to 1000 MHz when used in a residential environment.

**33.120.10**

**Koaksiaalkaablid.**

**Lainejuhid**

Coaxial cables. Waveguides

**UUED STANDARDID**

**EVS-EN 60154-1:2003**

Hind 130,00

Identne IEC 154-1:1982 +

A1:1993

ja identne EN 60154-1:1994 +

A1:1994

**Flanges for waveguides. Part 1: General requirements**

Relates to the dimensions of waveguides and flanges for use in electronic equipment. Covers requirements for flanges drilled before or after mounting of waveguide. Specifies waveguide flange mechanical requirements necessary to ensure compatibility and, as far as practicable, interchangeability as well as to ensure adequate electrical performance

**33.160.01**

**Audio- ja videoseadmed ning -süsteemid üldiselt**

Audio, video and audiovisual systems in general

**UUED STANDARDID**

**EVS-EN 60958-3:2003**

Hind 155,00

Identne IEC 60958-3:2003

ja identne EN 60958-3:2003

**Digital audio interface - Part 3: Consumer applications**

specifies the consumer application of the interface for the interconnection of digital audio equipment defined in IEC 60958-1

**EVS-EN 61883-1:2003**

Hind 146,00

Identne IEC 61883-1:2003

ja identne EN 61883-1:2003

**Consumer audio/video equipment - Digital interface - Part 1: General**

specifies a digital interface for consumer electronic audio/video equipment using IEEE 1394, High Performance Serial Bus. It describes the general packet format, data flow management and connection management for audio-visual data, and also the general transmission rules for control commands. The object of this standard is to define a transmission protocol for audio-visual data and control commands which provides for the interconnection of digital audio and video equipment, using IEEE 1394

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56713

Tähtaeg: 2003-10-01

Identne IEC 60268-16:2003

ja identne EN 60268-16:2003

**Sound system equipment - Part 16: Objective rating of speech intelligibility by speech transmission index**

defines objective methods for rating the transmission quality of speech with respect to intelligibility. The four methods, which are closely related, are referred to as the "STI," the "STITEL", the "STIPA" and the "RASTI" methods (see Clause 3)

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**33.160.20****Raadiovastuvõtjad**

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Radio receivers

**UUED STANDARDID****EVS-EN 60107-5:2003**

Hind 155,00

Identne IEC 60107-5:1992 +

A1:1999

ja identne EN 60107-5:1992 +

A1:1999

**Recommended methods of measurements on receivers for television broadcast transmissions - Part 5: Electrical measurements on multichannel sound television receivers using the NICAM two-channel digital sound-system**

Applies to television receivers designed for the reception of television broadcasts using the two-channel digital sound system. The sound coding-system is based on NICAM 728 and is transmitted by a quadrature phase-shift keying (QPSK) modulated digital subcarrier

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**33.160.40****Videosalvestussüsteemid**

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Video systems

**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 56809

Tähtaeg: 2003-11-01

Identne IEC 62315-1:2003

**DTV profiles for uncompressed digital video interfaces - Part 1: General**

Specifies requirements for digital television (DTV) monitors that use an uncompressed, baseband, digital video interface. These requirements apply to baseband, digital, video interfaces that use the VESA E-EDIDÓ Standard for the discovery of supported video formats. It also specifies the video formats to be supported by a DTV monitor. The timing requirements for 14 video formats are specified along with requirements for video format discovery. A mechanism allowing a video source to discover the preferred format of a DTV monitor is also described

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**33.160.50****Lisaseadmed**

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Accessories

**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 56652

Tähtaeg: 2003-10-01

Identne IEC 60268-5:2003

ja identne EN 60268-5:2003

**Sound system equipment - Part 5: Loudspeakers**

Gives the characteristics to be specified and the relevant methods of measurement for loudspeakers using sinusoidal or specified noise or impulsive signals

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**33.160.60****Multimeedia süsteemid ja telekonverentsi seadmed**

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Multimedia systems and teleconferencing equipment

**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 56719

Tähtaeg: 2003-10-01

Identne IEC 61966-2-2:2003

ja identne EN 61966-2-2:2003

**Multimedia systems and equipment - Colour measurement and management - Part 2-2: Colour management - Extended RGB colour space - scRGB**

this standard is applicable to the encoding, editing and communication of relative scene radiance, wide dynamic range, extended colour gamut, and extended bit precision RGB colours as a colour space used in computer systems and similar applications by defining encoding transformations

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**33.180.01****Kiudoptikasüsteemid üldiselt**

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Fibre optic systems in general

**UUED STANDARDID****EVS-EN 61280-1-4:2003**

Hind 101,00

Identne IEC 61280-1-4:2003

ja identne EN 61280-1-4:2003

**Fibre optic communication subsystem test procedures - Part 1-4: General****communication subsystems - Collection and reduction of two-dimensional nearfield data for multimode fibre laser transmitters**

Provides a procedure for the collection of two-dimensional fibre optic nearfield grayscale data and subsequent reduction to one-dimensional data expressed as a set of three sampled parametric functions of radius from the fibre's optical center. The object is to reduce measurement errors and inter-laboratory variation

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**33.180.10****Optilised kiud ja kaablid**

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Fibres and cables

**UUED STANDARDID****EVS-EN 61280-2-8:2003**

Hind 117,00

Identne IEC 61280-2-8:2003

ja identne EN 61280-2-8:2003

**Fibre optic communication subsystem test procedures - Digital systems - Part 2-8: Determination of low BER using Q-factor measurements**

Provides two main methods for the determination of low BER values by making accelerated measurements. The two main methods are the variable decision threshold method (clause 4) and the variable optical method (clause 5). In addition a third method, the sinusoidal interference method, is described in Annex B

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**33.180.20****Kiudoptika liitmikud**

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Fibre optic interconnecting devices

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

Hind 126,00

Identne IEC 61280-2-9:2002

ja identne EN 61280-2-9:2003

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

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

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

Hind 66,00

Identne IEC 61300-2-2:2003

ja identne EN 61300-2-2:2003

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

Provides a test to evaluate the effects of a number of successive cycles of engagement and separation of fibre optic connectors or other interconnecting devices on optical performance and mechanical degradation of the component under normal conditions of use

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

Hind 92,00

Identne IEC 61300-3-3:2003

ja identne EN 61300-3-3:2003

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

Provides the procedure to monitor changes in attenuation and/or return loss of a component or an interconnecting device, when subjected to an environmental or mechanical test. The procedure may be applied to measurements on single samples or to simultaneous measurements on multiple samples, both at single wavelengths and multiple wavelengths, by using branching devices and/or switches

**EVS-EN 61300-3-6:2003**

Hind 109,00

Identne IEC 61300-3-6:2003

ja identne EN 61300-3-6:2003

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

Provides procedures for the measurement of return loss (RL) of the fibre optic device under test (DUT). Return loss (RL), as used in this standard, is the ratio of the power incident on, or entering, the DUT to the total power reflected by the DUT, expressed in decibels. Return Loss is a positive number

**EVS-EN 61754-4-1:2003**

Hind 75,00

Identne IEC 61754-4-1:2003

ja identne EN 61754-4-1:2003

**Fibre optic connector interfaces - Part 4-1: Type SC connector family - Simplified receptacle SC-PC connector interfaces**

Defines the standard interface dimensions of simplified receptacles for the type SC family of connectors. The parent connector for the SC type connector family is a single-position plug which is characterized by a cylindrical, spring-loaded butting ferrule(s) and a push-pull coupling mechanism

**EVS-EN 50377-10-1:2003**

Hind 155,00

Identne EN 50377-10-1:2003

**Connector sets and interconnect components to be used in optical fibre communication systems - Product specifications - Part 10-1: MU-PC terminated on IEC 60793-2 Category B1 singlemode fibre**

Connector sets and interconnect components to be used in optical fibre communication systems - Product specifications - Part 10-1: MU-PC terminated on IEC 60793-2 Category B1 singlemode fibre

**EVS-EN 61300-2-17:2003**

Hind 66,00

Identne IEC 61300-2-17:2003

ja identne EN 61300-2-17:2003

**Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-17: Tests - Cold**

Details a procedure for determining the suitability of a fibre optic device to withstand extended low temperature (cold) environmental conditions, which may occur in use, storage and/or transport. This procedure does not assess the ability of a device to operate during temperature variations; in this case, IEC 61300-2-22 would be used

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

Hind 75,00

Identne IEC 61300-2-48:2003

ja identne EN 61300-2-48:2003

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

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

**EVS-EN 61300-3-31:2003**

Hind 92,00

Identne IEC 61300-3-31:2003

ja identne EN 61300-3-31:2003

**Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-31: Examinations and measurements - Coupled power ratio measurement for fibre optic sources**

Provides the method to measure the coupled power ratio (CPR) coefficient. The CPR coefficient may be measured at both 850 nm and 1300 nm wavelengths. CPR measurements are used to characterise optical sources and to standardize the launch conditions for measurements of attenuation on multimode fibres and insertion loss according to IEC 61300-3-4

**EVS-EN 61753-022-2:2003**

Hind 83,00

Identne IEC 61753-022-2:2003

ja identne EN 61753-022-2:2003

**Fibre optic interconnecting devices and passive components performance standard - Part 022-2: Fibre optic connectors terminated on multimode fibre for category C - Controlled environment**

Provides the minimum requirements and severities which a fibre optic connector terminated on multimode fibre must satisfy in order to be considered as meeting the IEC standard category C - controlled environment, as defined in annex A of IEC 61753-1-1

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 56775

Tähtaeg: 2003-11-01

Identne IEC 61290-10-3:2003

ja identne EN 61290-10-3:2003

**Optical amplifiers - Test methods - Part 10-3:**

**Multichannel parameters - Probe methods**

Applies to commercially available optical fibre amplifiers (OFAs) using active fibres containing rare-earth dopants. Establishes uniform requirements for accurate and reliable measurements of the multichannel gain and noise parameters as defined in IEC 61292-4

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**33.180.30**

**Kiudoptikasüsteemid**

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**Optic amplifiers**

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**UUED STANDARDID**

**EVS-EN 61291-5-2:2003**

Hind 155,00

Identne IEC 61291-5-2:2002

ja identne EN 61291-5-2:2002

**Optical amplifiers - Part 5-2:**

**Qualification specifications - Reliability qualification for optical fibre amplifiers**

Applicable to optical amplifiers (OAs) and optically amplified, elementary sub-systems for terrestrial applications, using active fibres (optical fibre amplifiers, OFAs), containing rare-earth dopants, which are commercially available

**EVS-EN 61290-11-1:2003**

Hind 109,00

Identne IEC 61290-11-1:2003

ja identne EN 61290-11-1:2003

**Optical amplifier test methods - Part 11-1: Polarization mode dispersion - Jones matrix eigenanalysis method (JME)**

Applies to all commercially available optical amplifiers (OAs) including optical fibre amplifiers (OFAs) using active fibres and semiconductor optical amplifiers (SOAs) using semiconductor gain media. Although the Jones matrix eigenanalysis (JME) test method is in principle also applicable to unpumped (that is, unpowered) OAs, the JME technique in this standard applies to pumped (that is, powered) OAs only

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 56733

Tähtaeg: 2003-11-01

Identne IEC 62148-4:2003

ja identne EN 62148-4:2003

**Fibre optic active components and devices - Package and interface standards - Part 4: PN 1x9 plastic optical fibre transceivers**

Provides the physical interface specifications for the PN 1x9 transceiver family for plastic optical fibre

prEVS 56773

Tähtaeg: 2003-11-01

Identne IEC 61290-10-1:2003

ja identne EN 61290-10-1:2003

**Optical amplifiers - Test methods - Part 10-1:**

**Multichannel parameters -**

**Pulse method using an optical switch and optical spectrum analyzer**

Applies to optical fibre amplifiers (OFAs) using active fibres,

containing rare-earth dopants, currently commercially available.

The uniform requirements for accurate and reliable measurements of the signal-spontaneous noise figure as defined in 3.1.18 of

IEC 61291-1 are established. The test method independently detects

amplified signal power and amplified spontaneous emission

(ASE) power by launching optical pulses into the OFA under test and synchronously detecting "on" and "off" levels of the output pulses by using an optical sampling switch and an optical spectrum analyzer (OSA)

prEVS 56774

Tähtaeg: 2003-11-01

Identne IEC 61290-10-2:2003

ja identne EN 61290-10-2:2003

**Optical amplifiers - Test methods - Part 10-2:**

**Multichannel parameters -**

**Pulse method using a gated optical spectrum analyzer**

Applies to optical fibre amplifiers (OFA) using active fibres, containing rare-earth dopants, currently commercially available. The object is to establish uniform requirements for accurate and reliable measurements of the signal-spontaneous noise figure as defined in 3.1.18 of IEC 61291-1. The test method described is, in general, for multichannel applications. Single-channel applications are a special case of multichannel applications

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**35.020**

**Infotehnoloogia  
üldküsimumused**

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**Information technology (IT)  
in general**

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**UUED STANDARDID**

**EVS-EN 60950-21:2003**

Hind 130,00

Identne IEC 60950-21:2002

ja identne EN 60950-21:2003

**Information technology equipment - Safety - Part 21: Remote power feeding**

This part of IEC 60950 applies to information technology equipment intended to supply and receive operating power via a TELECOMMUNICATION NETWORK, where the voltage exceeds the limits for TNV CIRCUITS. This Part 21 of IEC 60950 is intended to be used with IEC 60950-1

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**35.040**

**Märgistikud ja  
informatsiooni  
kodeerimine**

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**Character sets and  
information coding**

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**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 52975

Tähtaeg: 2003-11-01

Identne EVS 821:2002

**Sertifikaadi kehtivuskinnituse vorming ja protokollid. Digitaalalkirja kontrolli üldpõhimõtted.**

Standard kirjeldab digitaalalkirja kontrolli üldpõhimõtteid, sõltumatult digitaalalkirja komponentide esitamiseks kasutatavatest vahenditest.

prEVS 52976

Tähtaeg: 2003-11-01

Identne EVS 822:2002

### Ajatepliteenuse protokollid ja andmevormingud.

Ajatempel on kindla vorminguga elektrooniline andmekogum, mis aitab tõestada või kinnitab mingite sündmuste toimumise ajalisi suhteid. Üheks nimetatud sündmuseks võib näiteks olla digitaalalkirja moodustamine ja teiseks sündmuseks ajatempli enda moodustamine. Samuti võib ajatempel esitada kinnitust, et teatud andmed olid olemas teatud ajahetkel, mis ajatemplis on esitatud ajanäiduna.

prEVS 53303

Tähtaeg: 2003-11-01

Identne prEVS 827:2003

### Turvakiibi rakendus ja liides

Standard spetsifitseerib Eesti riikliku avaliku võtme infrastruktuuri (EstEID) turvakiibi liidese ja andmesisu.

prEVS 53304

Tähtaeg: 2003-11-01

Identne prEVS 828:2003

### Sertifikaadid Eesti Vabariigi isikutunnistustel

Standard kirjeldab Eesti Vabariigi isikutunnistusele (ID-kaart) kantavate digitaalsete sertifikaatide profiili. Dokumendi lisas esitatakse tehniline lisainformatsioon ning tuuakse ära sertifikaatide näidised. Standard ei käsitle teisi isikutunnistuses sisalduvaid andmekogumeid.

## 35.080

### Tarkvara väljatöötamine ja süsteemidokumentatsioon

Software development and system documentation

#### UUED STANDARDID

EVS-EN ISO 9000-3:2003

Hind 170,00

Identne ISO 9000-3:1997

ja identne EN ISO 9000-3:1997

#### Quality management and quality assurance standards -

**Part 3: Guidelines for the application of ISO 9001:1994 to the development, supply, installation and maintenance of computer software**

This part of ISO 9000 sets out guidelines to facilitate the application of ISO 9001:1994 for organizations developing, supplying, installing and maintaining computer software

## 35.100.20

### Kanalikiht

Data link layer

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56808

Tähtaeg: 2003-11-01

Identne IEC 61784-1:2003

**Digital data communications for measurement and control - Part 1: Profile sets for continuous and discrete manufacturing relative to fieldbus use in industrial control systems**

defines a set of protocol specific communication profiles based primarily on the IEC 61158 series, to be used in the design of devices involved in communications in factory manufacturing and process control

## 35.200

### Liidestus- ja ühendusseadmed

Interface and interconnection equipment

#### UUED STANDARDID

EVS-EN 61883-1:2003

Hind 146,00

Identne IEC 61883-1:2003

ja identne EN 61883-1:2003

**Consumer audio/video equipment - Digital interface - Part 1: General**

specifies a digital interface for consumer electronic audio/video equipment using IEEE 1394, High Performance Serial Bus. It describes the general packet format, data flow management and connection management for audio-visual data, and also the general transmission rules for control commands. The object of this standard is to define a transmission protocol for audio-visual data and control commands which provides for the interconnection of digital audio and video equipment, using IEEE 1394

## 35.220.30

### Optilised salvestusvahendid

Optical storage devices

#### UUED STANDARDID

EVS-EN 2499:2003

Hind 57,00

Identne EN 2499:1987

**Aerospace series, Computer output microfiche (COM). A6 microfiche**

This standard specifies the deviations from ISO 5126 necessary for aerospace application

EVS-EN 2544:2003

Hind 75,00

Identne EN 2544:1987

**Aerospace series. Representation of rivets on drawings for aerospace equipment**

This standard specifies the representation of rivets on drawings for aerospace equipment

## 35.240.50

### IT rakendused tööstuses

IT applications in industry

#### UUED STANDARDID

EVS-EN 61131-3:2003

Hind 295,00

Identne IEC 61131-3:2003

ja identne EN 61131-3:2003

**Programmable controllers - Part 3: Programming languages**

This part of IEC 61131 specifies syntax and semantics of programming languages for programmable controllers as defined in part 1 of IEC 61131

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56731

Tähtaeg: 2003-11-01

Identne IEC 61131-1:2003

ja identne EN 61131-1:2003

**Programmable controllers**

**Part 1: General information**

constitutes Part 1 of a series of standards on programmable controllers and their associated peripherals and should be read in conjunction with the other parts of the series

prEVS 56808

Tähtaeg: 2003-11-01

Identne IEC 61784-1:2003

**Digital data communications for measurement and control - Part 1: Profile sets for continuous and discrete manufacturing relative to fieldbus use in industrial control systems**

defines a set of protocol specific communication profiles based primarily on the IEC 61158 series, to be used in the design of devices involved in communications in factory manufacturing and process control

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**35.240.60**

**IT rakendus transpordis ja kaubanduses**

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IT applications in transport and trade

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**UUED STANDARDID**

**CEN/TS 17262:2003**

Hind 139,00

Identne ISO/TS 17262:2003  
ja identne CEN ISO/TS 17262:2003

**Automatic vehicle and equipment identification Intermodal goods transport Numbering and data structures**

This Technical Specification defines generic numbering and data structures for unambiguous identification of equipment used for Intermodal goods transport. These data are known as Intermodal Goods Transport Numbering and Data Structures

**CEN/TS 17263:2003**

Hind 101,00

Identne ISO/TS 17263:2003  
ja identne CEN ISO/TS 17263:2003

**Automatic vehicle and equipment identification Intermodal goods transport System parameters**

This Technical Specification establishes an AEI-System based on radio frequency technologies. This system is intended for general application in RTTT/TICS. It allows the transfer of the identification codes and further information about equipment and vehicles used in intermodal transport into such RTTT/TICS and information systems related to Intermodal Transport processes

**CEN/TS 17573:2003**

Hind 170,00

Identne ISO/TS 17573:2003  
ja identne CEN ISO/

TS 17573:2003

**Road Transport and Traffic Telematics Electronic Fee Collection (EFC) System architecture for vehicle related transport services**

This Technical Specification specifies a system architecture for electronic fee collection (EFC) systems concerning vehicle related transport services such as the use of toll roads, zone access, parking and route guidance. This Technical Specification does not cover person related transport services such as public transport. However, some of the clauses in this standard may also be applicable for fare collection

**EVS-EN 14116:2003**

Hind 163,00

Identne EN 14116:2003

**Tanks for transport of dangerous goods - Digital interface for the product recognition device**

This European Standard covers the digital interface at the product loading and/or discharge coupling which shall be used for the transfer of product related information and specifies the performance requirements, critical safety aspects and tests to provide compatibility of devices

**EVS-EN ISO 14819-1:2003**

Hind 190,00

Identne ISO 14819-1:2003

ja identne EN ISO 14819-1:2003

**Traffic and Travel Information (TTI) - TTI Messages via traffic message coding - Part 1: Coding protocol for Radio Data System - Traffic Message Channel (RDS-TMC) using ALERT-C**

This European Standard specifies the coding protocol for Radio Data System - Traffic Message Channel (RDS-TMC) - RDS-TMC using the ALERT-C protocol that is designed to provide mostly event-orientated road driver information messages

**EVS-EN ISO 14819-2:2003**

Hind 306,00

Identne ISO 14819-2:2003

ja identne EN ISO 14819-2:2003

**Liiklus- ja reisiinformatsioon (TTI). Liiklussõnumit koodiga edastavad liiklus- ja reisisõnumid. Osa 2: Raadio- andmesüsteemide sündmuse- ja infokoodid. Liiklusteadete kanal**

EN ISO 14819-1 describes the ALERT-C protocol concept and message structure used to achieve densely coded messages to be carried in the RDS-TMC feature. This part (2) of the EN ISO 14819 series of standards defines the Events List to be used in coding those messages

**EVS-ENV ISO 14904:2003**

Hind 170,00

Identne ISO/TS 14904:2002

ja identne ENV ISO 14904:2002

**Road transport and traffic telematics - Electronic fee collection (EFC) - Interface specification for clearing between operators**

This European Prestandard specifies the interfaces for clearing between operators and gives a framework of the common message structure and data elements to be used on the interfaces. Its objective is to make the transfer of payment and Electronic Fee Collection (EFC) related data possible both between different payment systems and between different operators such as collection agents, clearing operators, or providers of public and private transport services

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**35.240.80**

**IT rakendus tervishoiutehnoloogias**

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IT applications in health care technology

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**UUED STANDARDID**

**CEN/TS 14463:2003**

Hind 130,00

Identne CEN/TS 14463:2003

**Health informatics - A syntax to represent the content of medical classification systems (CIaML)**

The main purpose of this Technical Specification is to support the transfer of the majority of hierarchical healthcare classification systems between organisations and dissimilar software products. The Prestandard should therefore be rich enough to uniquely identify and describe the structure and the relevant elements in those systems

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37.080

**Mikrograafia**

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Document imaging applications

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**UUED STANDARDID**

**EVS-EN 2499:2003**

Hind 57,00

Identne EN 2499:1987

**Aerospace series. Computer output microfiche (COM). A6 microfiche**

This standard specifies the deviations from ISO 5126 necessary for aerospace application

**EVS-EN 2544:2003**

Hind 75,00

Identne EN 2544:1987

**Aerospace series.**

**Representation of rivets on drawings for aerospace equipment**

This standard specifies the representation of rivets on drawings for aerospace equipment

**EVS-EN 2547:2003**

Hind 57,00

Identne EN 2547:2003

**Aerospace series Filming of documents Microfilm 105 mm (Microfiche A6)**

This standard specifies the deviations from ISO 2707 necessary for aerospace applications. It shall be applied for filming documents on 105 mm microfilm (A6 microfiche) to ensure uniform presentation of the microform for the exchange of information in the aerospace industry

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56719

Tähtaeg: 2003-10-01

Identne IEC 61966-2-2:2003

ja identne EN 61966-2-2:2003

**Multimedia systems and equipment - Colour measurement and management - Part 2-2: Colour management - Extended RGB colour space - sRGB**

this standard is applicable to the encoding, editing and communication of relative scene radiance, wide dynamic range, extended colour gamut, and extended bit precision RGB colours as a colour space used in computer systems and similar applications by defining encoding transformations

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37.100

**Polügraafia**

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Graphic technology

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**UUED STANDARDID**

**EVS-ISO 12647-1:2003**

Hind 92,00

Identne ISO 12647-1:1996

**Graphic technology - Process control for the manufacture of half-tone colour separations, proof and production prints - Part 1: Parameters and measurement methods**

ISO 12647 specifies parameters which define printing conditions for the various processes used in the graphic arts industry. The values of the parameters specified may be used in the exchange of data to characterize the intended printing condition and/or for the process control of printing by practitioners wishing to work to common goals.

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37.100.01

**Polügraafia üldiselt**

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Graphic technology in general

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**UUED STANDARDID**

**EVS-ISO 12647-2:2003**

Hind 109,00

Identne ISO 12647-2:1996

**Graphic technology - Process control for the manufacture of half-tone colour separations, proof and production prints - Part 2: Offset lithographic processes**

This part of ISO 12647 specifies a number of process parameters and their values to be applied when preparing colour separations for four-colour offset printing or when producing four-colour prints by one of the following methods: heat-set web, sheet-fed or continuous forms process printing, or proofing for these processes; offset proofing for half-tone gravure.

**EVS-ISO 12647-3:2003**

Hind 75,00

Identne ISO 12647-3:1998

**Graphic technology - Process control for the manufacture of half-tone colour separations, proof and production prints - Part 3: Coldset offset lithography and letterpress on newsprint**

This part of ISO 12647 specifies printing conditions for newspaper single- or four-colour printing and proofing.

**EVS-ISO 12647-5:2003**

Hind 83,00

Identne ISO 12647-5:2001

**Graphic technology - Process control for the manufacture of half-tone colour separations, proof and production prints - Part 5: Screen printing**

This part of ISO 12647 specifies a number of process parameters and their values to be applied when preparing colour separations for four-colour screen process printing when producing four-colour proof and production prints by flat bed or cylinder screen printing.

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37.100.10

**Paljundusseadmed**

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Reproduction equipment

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**UUED STANDARDID**

**EVS-EN 13023:2003**

Hind 212,00

Identne EN 13023:2003

**Noise measurement methods for printing, paper converting, paper making machines and auxiliary equipment - Accuracy grades 2 and 3**

This standard specifies all the information necessary to carry out efficiently and under standardized conditions the determination, declaration and verification of airborne noise emission from printing and paper converting machines covered by the EN 1010 series and from paper making and finishing machines covered by the EN 1034 series. It specifies noise measurement methods and installation and operating conditions to be used for the test

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43.160

**Eriotstarbelised ja erisõidukid**

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Special purpose vehicles

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**UUED STANDARDID**

**EVS-EN 13021:2003**

Hind 155,00

Identne EN 13021:2003

**Winter service machines - Safety requirements**



This European Standard applies to winter service machines which are defined in clause 3. This European Standard deals with all significant hazards (see clause 4) identified through a risk assessment pertinent to winter service machines when they are used as intended and under the conditions foreseen by the manufacturer. This European Standard does not deal with significant hazards associated with noise and EMC

## **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 56707

Tähtaeg: 2003-10-01

Identne EN 1501-1:1998/

prA1:2003

**Prügikogumissõidukid ja nendega ühendatud tõstemehhanismid. Põhi- ja ohutusnõuded. Osa 1:**

**Tagantlaadimisega**

**prügikogumissõidukid**

This part of the European Standard specifies the safety and design requirements for the bodywork of (rear loaded) refuse collection vehicles (RCV) for the collection, transportation and discharge of solid waste materials and recyclable materials operated by hydraulic power. Associated lifting devices and references to chassis interfaces are also covered in this document.

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### **45.040**

#### **Raudteetehnikas kasutatavad materjalid ja osad**

Materials and components for railway engineering

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## **UUED STANDARDID**

**EVS-EN 13260:2003**

Hind 170,00

Identne EN 13260:2003

**Railway applications - Wheelsets and bogies - Wheelsets - Products requirements**

This European Standard specifies the characteristics of new wheelsets for use on European networks: This standard is applicable to wheelsets comprising elements that conform to the following European Standards: - prEN 13262 for wheels; - prEN 13261 for axles; - EN 12080 for axlebox rolling bearings

## **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 56787

Tähtaeg: 2003-11-01

Identne prEN 13979-1:2003

**Railway applications -**

**Wheelsets and bogies -**

**Monobloc wheels - Technical approval procedure - Part 1:**

**Forged and rolled wheels**

The aim of this European Standard is to define the requirements that a monobloc wheel of a freight of passenger railway vehicle non-powered axle shall meet in order to be able to be used on a European network. For wheels of powered axles or wheels with noise dampers, the requirements may be amended or supplemented

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### **45.060.01**

#### **Raudtee veerem üldiselt**

Railway rolling stock in general

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## **KAVANDITE**

## **ARVAMUSKÜSITLUS**

prEVS 38011

Tähtaeg: 2003-11-01

Identne prEN 45545-5:2003

**Railway applications - Fire protection on railway vehicles Part 5: Fire safety requirements for electrical equipment including that of trolley buses, track guided buses and magnetic levitation vehicles**

This part of the European Standard specifies the fire safety requirements for electrical equipment on railway vehicles, including that of trolley buses, track guided buses and magnetic levitation vehicles

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### **45.060.20**

#### **Haagisveerem**

Trailing stock

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## **UUED STANDARDID**

**EVS-EN 13775-1:2003**

Hind 83,00

Identne EN 13775-1:2003

**Railway applications - Measuring of new and modified freight wagons - Part 1: Measuring principles**

This European Standard specifies requirements for measuring freight wagons and bogies. This ensures that the measuring methods are applied in accordance with

uniform criteria. It applies to new and modified freight wagons and bogies. Provisions going beyond the scope of these requirements ought to be agreed upon by the contracting parties involved

**EVS-EN 13775-2:2003**

Hind 170,00

Identne EN 13775-2:2003

**Railway applications - Measuring of new and modified freight wagons - Part 2: Freight wagons with bogies**

This European Standard specifies requirements for measuring freight wagons with bogies. This ensures that the measuring processes are applied in accordance with uniform criteria. It applies to new and modified freight wagons with bogies. Provisions going beyond the scope of these requirements should be agreed upon by the contracting parties involved

**EVS-EN 13775-3:2003**

Hind 170,00

Identne EN 13775-3:2003

**Railway applications -**

**Measuring of new and modified freight wagons - Part 3: Freight wagons with 2 wheelsets**

This European Standard specifies requirements for measuring freight wagons with 2 wheelsets. This ensures that the measuring processes are applied in accordance with uniform criteria. It applies to new and modified freight wagons with 2 wheelsets. Provisions going beyond the scope of these requirements should be agreed upon by the contracting parties involved

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## **KAVANDITE**

## **ARVAMUSKÜSITLUS**

prEVS 56710

Tähtaeg: 2003-10-01

Identne prEN 12561-7:2003

**Railway applications - Tank wagons - Part 7: Platforms and ladders**

This European Standard applies to ladders, platforms and walkways on tank wagons fitted with top devices. It does not apply to crossing gangways nor to steps in so far as they are covered by UIC leaflets. This European Standard defines the important dimensions for manufacturers and operators of such tank wagons and takes into consideration the relevant and applicable construction and safety guidelines  
prEVS 56711

Tähtaeg: 2003-10-01  
Identne prEN 12561-8:2003  
**Railway applications - Tank wagons - Part 8: Heating connections**

This European Standard specifies positioning of connections, connection dimensions and coupling tightening devices for connections of steam heating installations used on tank wagons

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**45.120**  
**Raudtee/kõistee ehitus- ja hooldusseadmed**

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Equipment for railway/cableway construction and maintenance

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**KAVANDITE**  
**ARVAMUSKÜSITLUS**  
prEVS 56752

Tähtaeg: 2003-11-01  
Identne prEN 45545-4:2003  
**Railway applications - Fire protection of railway vehicles - Part 4: Fire safety requirements of railway rolling stock design**  
This part of EN 45545 specifies fire safety requirements for railway vehicle design to cover the objectives defined in prEN 45545-1. The measures and requirements specified in this standard aim to protect passengers and staff in railway vehicles in the event of a fire on board by minimizing the risk of a fire starting, delaying the fire development and aiding evacuation

prEVS 56753  
Tähtaeg: 2003-11-01  
Identne prEN 45545-7:2003  
**Railway applications - Fire protection of railway vehicles - Part 7: Fire safety requirements for flammable liquid and flammable gas installations**  
This part of EN 45545 specifies requirements for flammable liquids and liquefied petroleum gas installations, e.g. for traction, auxiliary power units, heating or cooking, to cover the objectives defined in EN 45545-1. This part of EN 45545 is not applicable for technical liquids themselves, e.g. hydraulic liquid, transformer oil etc

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**47.020.20**  
**Laevamootorid ja käiturid**

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Marine engines and propulsion systems

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**UUED STANDARDID**

**EVS-EN ISO 3715-2:2003**  
Hind 75,00  
Identne ISO 3715-2:2001  
ja identne EN ISO 3715-2:2002  
**Ships and marine technology - Propulsion plants for ship - Part 2: Vocabulary for controllable-pitch propeller plants**

This part of ISO 3715 gives terms and definitions applicable exclusively to continuously variable and hydraulic operated controllable-pitch propeller units. It does not cover controllable-pitch propeller units for which only a few specified pitch settings apply

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**47.020.30**  
**Torustikud**

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Piping systems

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**KAVANDITE**  
**ARVAMUSKÜSITLUS**

prEVS 56739  
Tähtaeg: 2003-11-01  
Identne prEN 14741:2003  
**Thermoplastics piping and ducting systems - Joints for buried non-pressure applications - Test method for the long-term sealing performance of joints with elastomeric seals by estimating the sealing pressure**  
This draft European standard specifies a method for determination of the long-term sealing pressure of elastomer seals in assembled joints for buried non-pressure sewerage plastics piping and ducting systems

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**47.020.70**  
**Navigatsiooni- ja juhtimisseadmed**

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Navigation and control equipment

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**UUED STANDARDID**

**EVS-EN 929:2003**  
Hind 83,00  
Identne EN 929:1993

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**Inland navigation vessels - Push-tows - Mounting attachment for demountable signal masts**

This standard applies to mounting attachments for demountable masts with an integral mast lower part on push barges. It specifies construction, dimensions, manufacture, arrangement and means of attachment

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**47.060**  
**Siseveelaevad**

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Inland navigation vessels

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**KAVANDITE**  
**ARVAMUSKÜSITLUS**

prEVS 56794  
Tähtaeg: 2003-11-01  
Identne prEN 14744:2003  
**Inland navigation vessels and sea-going vessels - Navigation light**

This European Standard applies to navigation lights on inland navigation and sea-going vessels

prEVS 56816  
Tähtaeg: 2003-11-01  
Identne EN 13551:2003

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**Inland navigation vessels - Vocabulary**

This European Standard gives terms and definitions currently used for inland navigation systems and thereby facilitates understanding at an international level

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**47.080**  
**Väikelaevad**

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Small craft

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**UUED STANDARDID**

**EVS-EN ISO 15084:2003**  
Hind 75,00  
Identne ISO 15084:2003  
ja identne EN ISO 15084:2003  
**Small craft - Anchoring, mooring and towing - Strong points**

This International Standard specifies requirements for strong points for attaching chains, cables and lines for anchoring, mooring and towing small craft

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49.020

**Lennundus ja kosmosetehnika üldküsimumed**

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Aircraft and space vehicles in general

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**UUED STANDARDID**

EVS-EN 9100:2003

Hind 212,00

Identne EN 9100:2003

**Aerospace series - Quality management systems - Requirements (based on ISO 9001:2000) and Quality systems - Model for quality assurance in design, development, production, installation and servicing (based on ISO 9001:1994)**

This standard includes ISO 9001:2000 1) quality management system requirements and specifies additional requirements for a quality management system for the aerospace industry. The additional aerospace requirements are shown in bold, italic text

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49.025.40

**Kumm ja plast**

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Rubber and plastics

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**UUED STANDARDID**

EVS-EN 2375:2003

Hind 57,00

Identne EN 2375:1992

**Aerospace series; resin preimpregnated materials; production batch sampling procedure**

This standard specifies the method for sampling batches of resin impregnated fibre reinforcement used for aerospace applications

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49.030.30

**Mutrid**

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Nuts

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**UUED STANDARDID**

EVS-EN ISO 4048:2003

Hind 49,00

Identne ISO 4048:1977

ja identne EN ISO 4048:2003

**Leather - Determination of matter soluble in dichloromethane**

This International Standard specifies a method for the determination of the substances in leather which are soluble in dichloromethane

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49.030.50

**Seibid, lukustuselemendid**

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Washers and other locking elements

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**UUED STANDARDID**

EVS-EN 2327:2003

Hind 66,00

Identne EN 2327:1987

**Aerospace series. Washers, lock with radial serrations in alloy steel. Dimensions**

This standard specifies the characteristics of lock washers with radial serrations primarily intended for flight control rods

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49.030.99

**Muud kinnituselemendid**

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Other fasteners

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**UUED STANDARDID**

EVS-EN 2311:2003

Hind 117,00

Identne EN 2311:1987

**Aerospace series. Bushes with self-lubricating liner. Technical specification**

This standard specifies the required characteristics, inspections and tests, qualification, acceptance and delivery conditions for bushes designed to be subjected under load, to slow sliding movements, rotations and small oscillations only

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49.140

**Kosmosesüsteemid ja nende kasutamine**

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Space systems and operations

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**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56687

Tähtaeg: 2003-10-01

Identne prEN 14724:2003

**Space project management - Tailoring of space standards**

The requirements defined in the series of European space standards are applicable to all actors working on space projects, but are intended to be viewed from the perspective of a specific project context, and tailored to match the genuine requirements of the project prEVS 56688

Tähtaeg: 2003-10-01

Identne prEN 13291-2:2003

**Space product assurance - General requirements - Part 2: Quality assurance**

This Standard defines the quality assurance (QA) requirements for the establishment and implementation of QA programmes for projects covering mission definition, design, development, production and operations of space systems, including disposal prEVS 56689

Tähtaeg: 2003-10-01

Identne prEN 13291-3:2003

**Space product assurance - General requirements - Part 3: Materials, mechanical parts and processes**

The purpose of this Standard is to define the requirements and statements applicable to materials, mechanical parts and processes to satisfy the mission performance requirements prEVS 56690

Tähtaeg: 2003-10-01

Identne prEN 14725:2003

**Space engineering - Verification**

This Standard establishes the requirements for the verification of a space system product. It specifies the fundamental concepts of the verification process, the criteria for defining the verification strategy and the rules for the implementation of the verification programme prEVS 56691

Tähtaeg: 2003-10-01

Identne prEN 14165:2003

**Space engineering standards - Fracture control**

This standard specifies the fracture control requirements to be imposed on space systems. The requirements contained in this standard, when implemented, also satisfy the requirements applicable to the NASA STS and ISS as defined in the NASA document NSTS 1700.7 (incl. the ISS Addendum)

prEVS 56764

Tähtaeg: 2003-11-01

Identne prEN 14736:2003  
**Space product assurance -  
Quality assurance for test  
centres**

This European Standard defines the quality assurance (QA) requirements for the operation, maintenance, management and configuration control of test centres for space applications. It also defines the requirements for the treatment of test specimens and the development of test facilities

prEVS 56813

Tähtaeg: 2003-11-01

Identne prEN 14737-1:2003

**Space engineering - Ground systems and operations - Part 1: Principles and requirements**

Within the frame of the overall engineering standards for space missions, this European Standard contains the basic rules, principles and requirements to be applied to the engineering of the ground segment and mission operations, which form an integral part of the overall system implementing a space mission

prEVS 56814

Tähtaeg: 2003-11-01

Identne prEN 14737-2:2003

**Space engineering - Ground systems and operations - Part 2: Documents requirements definitions (DRDs)**

Part 2 of ECSS-E-70 Space engineering Ground systems and operations specifies the content of the document requirements definitions (DRDs) which are called up by other European Space Standards and specifically referenced in prEN 14737-1:

**Principles and requirements**

prEVS 56815

Tähtaeg: 2003-11-01

Identne prEN 14738:2003

**Space product assurance - Hazard analysis**

This European Standard specifies the hazard analysis requirements of EN ISO 14620-1:2002, 6.4.2; it specifies the principles, process, implementation, and requirements of hazard analysis

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**53.020.30**

**Tõsteseadmete  
abivahendid**

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**Accessories for lifting  
equipment**

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**UUED STANDARDID**

**EVS-EN 13155:2003**

Hind 229,00

Identne EN 13155:2003

**Cranes - Safety - Non-fixed load lifting attachments**

This European Standard specifies safety requirements for the following non-fixed load lifting attachments for cranes, hoists and manually controlled load manipulating devices: - plate clamps;- vacuum lifters;- self priming;- non-self priming (pump, venturi, turbine);- electric lifting magnets (battery fed and main-fed);- permanent lifting magnets;- electro-permanent lifting magnets;- lifting beams;- C-hooks;- lifting forks;- clamps; defined in clause 3

**EVS-EN 13411-5:2003**

Hind 126,00

Identne EN 13411-5:2003

**Terminations for steel wire ropes - Safety - Part 5: U-bolt wire rope grips**

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

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**55.020**

**Pakenduse üldküsimumused**

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**Packaging and distribution  
of goods in general**

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**UUED STANDARDID**

**EVS-EN 26590-1:2003**

Hind 139,00

Identne ISO 6590-1:1983

ja identne EN 26590-1:1992

**Packaging - Sacks - Vocabulary and types - Part 1: Paper sacks**

This part of ISO 6590 defines terms commonly used in paper sack manufacture

**EVS-EN 26599-1:2003**

Hind 49,00

Identne ISO 6599-1:1983

ja identne EN 26599-1:1992

**Packaging - Sacks -**

**Conditioning for testing - Part 1  
Paper sacks**

This part of ISO 6599 specifies the conditioning atmospheres and the method for conditioning samples of intact, empty paper sacks before and during testing

**EVS-EN 27965-1:2003**

Hind 75,00

Identne ISO 7986-1:1984

ja identne EN 27965-1:1992

**Packaging - Sacks - Drop test - Part 1: Paper sacks**

This part of ISO 7965 specifies a method vertical impact testing on a filled paper sack by dropping

**EVS-EN ISO 16104:2003**

Hind 212,00

Identne ISO 16104:2003

ja identne EN ISO 16104:2003

**Pakend. Ohtlike kaupade  
veopakend. Katsemeetodid.**

This Standard specifies the design type test requirements for packagings as described in 3.6 of this standard and intended for use in the transport of dangerous goods

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**55.040**

**Pakkematerjalid**

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**Packaging materials and  
accessories**

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**UUED STANDARDID**

**EVS-EN 13891:2003**

Hind 117,00

Identne EN 13891:2003

**Tensional strapping - Guide to  
selection and use of tensional  
strapping**

This European Standard gives guidance on the selection and use of steel and non-metallic tensional strapping. The term steel strapping covers flat band strapping. Non-metallic strapping covers webless strapping and extruded thermoplastic strapping

**EVS-EN 14046:2003**

Hind 130,00

Identne EN 14046:2003

**Packaging - Evaluation of the  
ultimate aerobic  
biodegradability and  
disintegration of packaging  
materials under controlled  
composting conditions -  
Method by analysis of released  
carbon dioxide**

This European Standard specifies a method for the evaluation of the ultimate aerobic biodegradability of packaging materials based on organic compounds under controlled composting conditions

by measurement of released carbon dioxide at the end of the test. This method is designed to resemble typical aerobic composting conditions for the organic fraction of mixed municipal solid waste

**EVS-EN 60264-1:2003**

Hind 66,00

Identne IEC 264-1:1968

ja identne EN 60264-1:1994

**Packaging of winding wires - Part 1: Containers for round winding wires**

Gives the standard sizes of containers for round winding wires.

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**55.060**

**Äärikpoolid. Koonuspoolid**

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Spools. Bobbins

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**UUED STANDARDID**

**EVS-EN 60264-2-1:2003**

Hind 75,00

Identne IEC 264-2-1:1989

ja identne EN 60264-2-1:1994

**Packaging of winding wires - Part 2: Cylindrical barrelled delivery spools - Section 1: Basic dimensions**

Specifies the basic dimensions for cylindrical barrelled delivery spools for winding wires.

**EVS-EN 60264-2-2:2003**

Hind 92,00

Identne IEC 264-2-2:1990

ja identne EN 60264-2-2:1994

**Packaging of winding wires - Part 2: Cylindrical barrelled delivery spools - Section 2: Specification for returnable spools made from thermoplastic material**

**EVS-EN 60264-2-3:2003**

Hind 92,00

Identne IEC 264-2-3:1990

ja identne EN 60264-2-3:1994

**Packaging of winding wires - Part 2: Cylindrical barrelled delivery spools - Section 2: Specification for non-returnable spools made from thermoplastic material**

Specifies the requirements for non-returnable cylindrical barrelled delivery spools made from thermoplastic material.

**EVS-EN 60264-3-3:2003**

Hind 92,00

Identne IEC 264-3-3:1990

ja identne EN 60264-3-3:1994

**Packaging of winding wires - Part 3: Taper barrelled delivery spools - Section 3: Specification for non-returnable spools made from thermoplastic material**

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**EVS-EN 60264-4-1:2003**

Hind 101,00

Identne IEC 264-4-1:1989

ja identne EN 60264-4-1:1994

**Packaging of winding wires - Part 4: Methods of test - Section 1: Delivery spools made from thermoplastic material**

Describes methods of test for delivery spools for winding wires made from thermoplastic material.

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**55.080**

**Kotid. Taskud**

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Sacks. Bags

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**UUED STANDARDID**

**EVS-EN 26590-2:2003**

Hind 109,00

Identne ISO 6590-2:1986

ja identne EN 26590-2:1992

**Packaging - Sacks - Vocabulary and types - Part 2: Sacks made from thermoplastic flexible film**

This part of ISO 6590 defines terms commonly used in plastic sack manufacture

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**55.160**

**Kastid. Karbid. Korvid**

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Cases. Boxes. Crates

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**UUED STANDARDID**

**EVS-EN 14053:2003**

Hind 139,00

Identne EN 14053:2003

**Packaging - Packagings manufactured from corrugated or solid fibreboard - Types and construction**

This European Standard describes basic types and constructions of corrugated or solid fibreboard packagings. Folding cartons are not covered by this European Standard

**EVS-EN 14054:2003**

Hind 92,00

Identne EN 14054:2003

**Packaging - Paper and paperboard packaging - Design of cartons**

This European Standard describes basic types and constructions of cartons in carton board. Styles of corrugated and solid board packaging are not covered by this EN standard

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**55.180**

**Kergkonteinerid.**

**Kaubaalused**

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Freight containers. Pallets

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**UUED STANDARDID**

**EVS-EN 22206:2003**

Hind 49,00

Identne ISO 2206:1987

ja identne EN 22206:1992

**Packaging - Complete, filled transport packages - Identification of parts when testing**

This International Standard establishes a system for identifying parts of complete, filled transport packages when testing

**EVS-EN 22248:2003**

Hind 57,00

Identne ISO 2248:1985

ja identne EN 22248:1992

**Packaging - Complete, filled transport packages - Vertical impact test by dropping**

This International Standard specifies a method for carrying out a vertical impact test on a complete, filled transport package by dropping

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**55.180.10**

**Üldotstarbelised**

**konteinerid**

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General purpose containers

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**UUED STANDARDID**

**EVS-ISO 668:2003**

Hind 66,00

Identne ISO 668:1995

**Series 1 freight containers - Classification, dimensions and ratings**

The standard establishes a classification of series 1 freight containers based on external dimensions, and specifies the associated ratings and, where appropriate, the minimum internal and door opening dimensions for certain types of containers.

**EVS-ISO 830:2003**

Hind 170,00

Identne ISO 830:1999 + TC:2001

**Freight containers - Vocabulary**

The International Standard presents definitions of terms relating to freight containers.

**EVS-ISO 1161:2003**

Hind 130,00

Identne ISO 1161:1984

**Series 1 freight containers - Corner fittings - Specification**  
The standard specifies dimensions on container corner fittings.

**EVS-ISO 3874:2003**

Hind 247,00

Identne ISO 3874:1997 + A1:2000 + A2:2002

**Series 1 freight containers - Handling and securing**

This International Standard specifies methods of handling and securing series 1 freight containers built and tested to comply with latest edition of ISO 1496-1 to ISO 1496-5.

**EVS-ISO 9897:2003**

Hind 259,00

Identne ISO 9897:1997 + TC:2001

**Freight containers - Container equipment data exchange (CEDEX) - General communication codes**

This part of ISO 9897 specifies general communication codes for container equipment data exchange (CEDEX).

**EVS-ISO 1496-1:2003**

Hind 163,00

Identne ISO 1496-1:1990 + A1:1993 + A2:1998

**Series 1 freight containers - Specification and testing - Part 1: General cargo containers for general purposes**

This part of ISO 1496 lays down the basic specifications and testing for ISO series 1 freight containers.

**EVS-ISO 1496-2:2003**

Hind 212,00

Identne ISO 1496-2:1996

**Series 1 freight containers - Specification and testing - Part 2: Thermal containers**

This part of ISO 1496 lays down the basic specifications and testing requirements for ISO series 1 thermal containers which are suitable for international exchange and for conveyance by road, rail and sea, including interchange between these forms of transport.

**EVS-ISO 1496-3:2003**

Hind 139,00

Identne ISO 1496-3:1995

**Series 1 freight containers - Specification and testing - Part 3: Tank containers for liquids, gases and pressurized dry bulk**

The standard specifies the basic specifications and testing requirements for ISO series 1 containers suitable for the carriage of gases, liquids, and solid substances (dry bulk) which may be loaded or unloaded as liquids either for gravity or pressure discharge, for international exchange and for conveyance by road, rail and sea including interchange between these forms of transport.

**EVS-ISO 1496-4:2003**

Hind 170,00

Identne ISO 1496-4:1991 + A1:1994

**Series 1 freight containers - Specification and testing - Part 4: Non-pressurized containers for dry bulk**

The standard specifies the basic specifications and testing requirements for ISO series 1 freight containers of the dry bulk container non-pressurized type which are suitable for international exchange and for conveyance by road, rail and sea, including interchange between these means of transport. Except where otherwise stated, the requirements of this standard are minima.

**EVS-ISO 1496-5:2003**

Hind 179,00

Identne ISO 1496-5:1991 + A1:1993 + A2:1994

**Series 1 freight containers - Specification and testing - Part 5: Platform and platform-based containers**

The standard specifies the basic specifications and testing requirements for ISO series 1 freight containers of the platform and platform-based types designated 1AA, 1A, 1AX, 1BB, 1B, 1BX, 1CC, 1C and 1CX which are suitable for international exchange and for conveyance by road, rail and sea, including interchange between these means of transport, with certain limitations (for example when loaded they cannot be stacked or top lifted by means of conventional spreaders).

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**55.180.20**

**Üldotstarbelised kaubaalused**

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**General purpose pallets**

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**UUED STANDARDID**

**EVS-EN 13698-1:2003**

Hind 155,00

Identne EN 13698-1:2003

**Pallet production specification - Part 1: Construction specification for 800 mm x 1200 mm flat wooden pallets**

This European Standard specifies the manufacturing characteristics of a flat re-usable wooden 800 mm x 1200 mm, double deck, non-reversible, 4-way entry, 9 block pallet suitable for transport, storage, handling or exchange use. It also gives some requirements for manufacture and marking and addresses the issue of safety

**EVS-EN 13698-2:2003**

Hind 139,00

Identne EN 13698-2:2003

**Pallet production specification - Part 2: Construction specification for 1000 mm x 1200 mm flat wooden pallets**

This European Standard specifies the manufacturing characteristics of flat re-usable wooden 1000 mm x 1200 mm, double deck, non-reversible, 4-way entry, 9 block skid and perimeter base pallets suitable for transport, storage, handling or exchange use. It also gives some requirements for manufacture and marking and addresses the issue of safety

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**55.180.40**

**Täielikud pakkimis- ja transpordiuksused**

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**Complete, filled transport packages**

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**UUED STANDARDID**

**EVS-EN 28474:2003**

Hind 49,00

Identne ISO 8474:1986

ja identne EN 28474:1992

**Packaging - Complete, filled transport packages - Water immersion test**

This International Standard specifies a test method for the immersion in water of complete, filled transport packages

**EVS-EN 28768:2003**

Hind 57,00

Identne ISO 8768:1986

ja identne EN 28768:1992

**Packaging - Complete, filled transport packages - Toppling test**

This International standard specifies a method for carrying out a toppling test on a complete, filled transport package which may be exposed to the danger of topping during storage, transport and handling

**EVS-EN ISO 22876:2003**

Hind 49,00

Identne ISO 2876:1985

ja identne EN 22876:1992

**Packaging - Complete, filled transport packages - Rolling test**

This International Standard specifies a method for conducting rolling tests on a complete, filled transport package

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**55.230**

**Jaotus- ja**

**doseerimisemasinad**

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**Distribution and vending machines**

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**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56802

Tähtaeg: 2003-11-01

Identne IEC 60335-2-75:2002

ja identne prEN 60335-2-75:2003

**Household and similar electrical appliances - Safety - Part 2-75: Particular requirements for commercial dispensing appliances and vending machines**

Deals with the safety of electric commercial dispensing appliances and vending machines for preparation or delivery of food, drinks and consumer products, their rated voltage being not more than 250 V for single-phase and 480 V for other appliances.

Examples of appliances that are within the scope of this standard are bulk tea or coffee brewing machines, cigarette, hot and cold beverage, newspaper, audio or video tape or disc vending machines, ice cream, whipped cream and ice dispensers, commercial liquid heaters, espresso coffee appliances and packaged food and drink vending machines

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**59.080.01**

**Tekstiil üldiselt**

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**Textiles in general**

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**UUED STANDARDID**

**EVS-EN ISO 105-E05:2003**

Hind 49,00

Identne ISO 105-E05:1989

ja identne EN ISO 105-E05:1997

**Textiles - Tests for colour fastness - Part E05: Colour fastness to spotting: Acid**

This part of ISO 105 specifies a method for determining the resistance of the colour of textiles of all kinds and in all forms to the actions of dilute solutions of organic and mineral acids

**EVS-EN ISO 105-E07:2003**

Hind 49,00

Identne ISO 105-E07:1989

ja identne EN ISO 105-E07:1997

**Textiles - Tests for colour fastness - Part E07: Colour fastness to spotting: Water**

This part of ISO 105 specifies a method for determining the resistance of the colour of textiles of all kinds and in all forms to spotting by water

**EVS-EN ISO 105-E12:2003**

Hind 66,00

Identne ISO 105-E12:1989 +

A1:2002

ja identne EN ISO 105-E12:1997

+ A1:2002

**Textiles - Tests for colour fastness - Part E12: Colour fastness to milling: Alkaline milling**

This part of ISO 105 specifies a method for determining the resistance of the colour of wool and part-wool textiles to the action of soap and sodium carbonate solutions used in alkaline milling

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**59.080.30**

**Kangasmaterjalid**

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**Textile fabrics**

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**UUED STANDARDID**

**EVS-EN 13758-2:2003**

Hind 75,00

Identne EN 13758-2:2003

**Textiles - Solar UV protective properties - Part 2:**

**Classification and marking of apparel**

This European Standard specifies the requirements for classification and marking of clothing which are designed to offer the wearer protection against solar ultraviolet radiation exposure

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56823

Tähtaeg: 2003-11-01

Identne ISO 8388:1998

ja identne EN ISO 8388:2003

**Knitted fabrics - Types - Vocabulary**

This International Standard defines terms for industrially produced machine knitted fabrics

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**59.080.60**

**Tekstiilpõrandakatted**

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**Textile floor coverings**

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**UUED STANDARDID**

**CEN/TS 14472-1:2003**

Hind 126,00

Identne CEN/TS 14472-1:2003

**Resilient, textile and laminate floor coverings - Design, preparation and installation - Part 1: General**

This Technical Specification gives recommendations for the installation of resilient, textile and laminate floor coverings in new or existing buildings. It describes procedures in design, installation and maintenance which are in use throughout Europe for all floor covering materials and highlights the major differences that may exist in different national procedures

**CEN/TS 14472-2:2003**

Hind 163,00

Identne CEN/TS 14472-2:2003

**Resilient, textile and laminate floor coverings - Design, preparation and installation - Part 2: Textile floor coverings**

This Technical Specification provides recommendations for the installation of textile floor coverings. It covers all products composed of textile material with a pile or non-pile use surface, and includes the laying of carpet tiles (excluding rugs). It details suitable methods of installation and advises on the selection of the materials required for their implementation

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59.100.20

Süsinikmaterjalid

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Carbon materials

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**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 56676

Tähtaeg: 2003-10-01

Identne ISO 10548:2002

ja identne EN ISO 10548:2003

**Süsinikkiud. Metisalduse  
määramine**

This International Standard specifies test methods for the determination of the size content of carbon fibre yarn. It is applicable to continuous- filament yarns and stable-fibre yarns

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59.140.30

Parknahk ja karusnahk

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Leather and furs

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**UUED STANDARDID**

**EVS-EN ISO 4044:2003**

Hind 49,00

Identne ISO 4044:1977

ja identne EN ISO 4044:1998

**Leather - Preparation of  
chemical test samples**

This International Standard specifies a method for preparation of a test sample of leather for chemical analysis. The method is applicable to all leathers of all types and tannage

**EVS-EN ISO 4047:2003**

Hind 49,00

Identne ISO 4047:1977

ja identne EN ISO 4047:1998

**Leather - Determination of  
sulphated total ash and  
sulphated water-insoluble ash**

This International Standard specifies a method for the determination of the sulphated total ash and the sulphated water-insoluble ash of leather

**EVS-EN ISO 5399:2003**

Hind 57,00

Identne ISO 5399:1984

ja identne EN ISO 5399:1998

**Leather - Determination of  
water-soluble magnesium salts -  
EDTA titrimetric method**

This International Standard specifies an EDTA titrimetric method for the determination of water-soluble magnesium salts in leather. It is applicable to all leather which contains magnesium salts

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**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 56828

Tähtaeg: 2003-11-01

Identne ISO 11644:1993

ja identne EN ISO 11644:2003

**Leather - Test for adhesion of  
finish**

Depending on the way the leather has been finished, the adhesion of the finish to the leather can be so low over the whole area, or part of it that the finish separates from the leather during use

prEVS 56829

Tähtaeg: 2003-11-01

Identne ISO 11641:1993

ja identne EN ISO 11641:2003

**Leather - Tests for colour  
fastness - Colour fastness to  
perspiration**

This International Standard specifies a method for determining the colour fastness to perspiration of leather of all kinds at all stages of processing, but it applies particularly to gloving, clothing and lining leathers, as well as leather for the uppers of unlined shoes

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61.020

Rõivad

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Clothes

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**UUED STANDARDID**

**EVS-EN 13758-2:2003**

Hind 75,00

Identne EN 13758-2:2003

**Textiles - Solar UV protective  
properties - Part 2:  
Classification and marking of  
apparel**

This European Standard specifies the requirements for classification and marking of clothing which are designed to offer the wearer protection against solar ultraviolet radiation exposure

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61.060

Jalatsid

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Footwear

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**UUED STANDARDID**

**EVS-EN ISO 17708:2003**

Hind 92,00

Identne ISO 17708:2003

ja identne EN ISO 17708:2003

**Footwear - Test methods for  
whole shoe - Upper sole  
adhesion**

This standard describes a test method for the determination of the resistance to separation of the upper from the outsole or to separate adjacent layers of the outsole or to cause tear failure of the upper or the sole is measured. It also defines conditions of ageing that can be used for production control

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 56763

Tähtaeg: 2003-11-01

Identne EN 12958:2000/

prA1:2003

**Footwear - Test methods for  
shanks - Fatigue resistance**

This draft standard specifies a method for assessing the fatigue resistance of steel shanks used for the reinforcement of the waist region of women's and some men's and children's shoes.

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65.060.01

Põllutöomasinad, -riistad  
ja -seadmed üldiselt

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Agricultural machines and  
equipment in general

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**UUED STANDARDID**

**EVS-EN 12965:2003**

Hind 130,00

Identne EN 12965:2003

**Tractors and machinery for  
agriculture and forestry - Power  
take-off (PTO) drive shafts and  
their guards - Safety**

This standard specifies safety requirements and their verification for the design and construction of power take-off (PTO) drive shafts and their guards linking self-propelled machinery (or tractor) to the first fixed bearing of recipient machinery, by describing methods for the elimination or reduction of risks which need specific requirements. This standard concerns only the PTO drive shafts and those guards which are mechanically linked to the PTO drive shaft by at least two bearings



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65.060.10

**Põllutöötraktorid ja haagised**

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Agricultural tractors and trailed vehicles

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**UUED STANDARDID**

**EVS-EN 12525:2003**

Hind 146,00

Identne EN 12525:2000

**Põllumajandusmasinad.**

**Lauplaadurid. Ohutus**

Standard esitab ohutusnõuded ja nende kontrollimise meetmed põllu- ja metsamajanduslikele ratastraktoritele (määratletud direktiivis 74/150/EMÜ) paigaldatavate lauplaadurite projekteerimiseks ja valmistamiseks. Hõlmatud on ohud, mis seonduvad tõstehaara paigaldamisega traktorile kinnitatud raami külge, samuti ka tööseadiste nendele haara paigaldamise seadistega seonduvad ohud. Välja on jäetud ohud, mis seonduvad raami paigaldamisega traktorile (tehakse laaduri ja/või traktori tarnija poolt), paigaldatud lisaseadmetest ning konstruktsiooni mehaanilise tugevuse kaotusest tulenevad ohud. Välja on jäetud ohud, mis seonduvad töödega ja/või lisaseadmetega ja mis nõuavad inimese viibimist lauplaaduri läheduses selle liikumise ajal. Hõlmatud ei ole inimeste edasitoimetamisega seotud ohud. Standard kirjeldab lauplaaduritele iseäralike ohtude kõrvaldamise või vähendamise võtteid ja nõudeid. Lisaks esitab see tootja poolt antava ohutute töötamisviiside näidisteabe (tüüpteabe).

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56048

Tähtaeg: 2003-11-01

Identne ISO 4004:1983

**Põllumajandustraktorid ja -masinad. Rattarööped (rataste jooksulaiused)**

Standard määratleb põllumajandustraktorite ja -masinate rataste rööped (jooksulaiused), olles juhiseks nende toodete valmistajatele. Standard kehtib peamiselt põllumajandustraktorite veoteljele (-telgedele) ja masinatele, kaasa arvatud liikurmasinad, mida kasutatakse reaskultuuride (rühvelkultuuride) põldudel. See ei

ole rakendatav eritüüpi traktoritele, järelkõnnitraktoritele ehk käies juhitavatele traktoritele, üheteljelistele mootormasinatele, kahe- ja kolmeteljelistele veoseadmetele, või eritüüpi põllumajandusmasinatele. prEVS 56049

Tähtaeg: 2003-11-01

Identne ISO 789-3:1993

**Põllumajandustraktorid. Katse käik. Osa 3: Pöördediameeter ja pöördeala vähim läbimõõt**

Standardi käesolev osa esitab üksikasjalikult (spetsifitseerib) põllumajanduslike ratastraktorite pöördediameetri ja vaba pöördeala vähima läbimõõdu kindlaksmääramise meetodi. Standard kehtib põllumajanduslike ratastraktorite kohta, millel on vähemalt kaks

pneumorehvatatega telge.

prEVS 56050

Tähtaeg: 2003-11-01

Identne ISO 789-6:1982 +

A1:1996

**Põllumajandustraktorid.**

**Katsemetodid. Osa 6:**

**Raskuskese**

Standard esitab üksikasjalikult (spetsifitseerib) põllumajandustraktorite katsetusprotseduureid (-meetodid). Standardi käesolev (kuues) osa käsitleb raskuskese.

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65.060.40

**Taimehooldusseadmed**

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Plant care equipment

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**UUED STANDARDID**

**EVS-EN 13790-1:2003**

Hind 117,00

Identne EN 13790-1:2003

**Agricultural machinery - Sprayers - Inspection of sprayers in use - Part 1: Field crop sprayers**

This European Standard specifies the requirements and methods of their verification for the inspection of field crop sprayers in use. It relates mainly to the condition of the sprayer in respect of safety hazards for the test operator, the potential risk of environmental contamination and opportunities to achieve good application

**EVS-EN 13790-2:2003**

Hind 109,00

Identne EN 13790-2:2003

**Agricultural machinery - Sprayers - Inspection of sprayers in use - Part 2: Air-assisted sprayers for bush and tree crops**

This European Standard specifies the requirements and methods of their verification for the inspection of air-assisted sprayers for bush and tree crops in use. It relates mainly to the condition of the sprayer in respect of safety hazards for the test operator, the potential risk of environmental contamination and opportunities to achieve good application

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65.060.70

**Aiatööriistad**

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Horticultural equipment

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**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56803

Tähtaeg: 2003-11-01

Identne IEC 60335-2-92:2002+ corr:2003

**Household and similar electrical appliances - Safety - Part 2-92: Particular requirements for pedestrian-controlled mains-operated lawn scarifiers and aerators**

Deals with the safety of pedestrian-controlled mains-operated electric lawn scarifiers and aerators. These scarifiers have rotating cutters for regenerating lawns by, for instance, combing out grass thatch and moss, or by cutting vertically into the lawn face. These scarifiers are designed primarily for home use, with a rated voltage not more than 250 V single phase. For lawnmowers, see IEC 60335-2-77; for lawn trimmers, see IEC 60335-2-91

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65.060.99

**Muud põllutöömasinad, -riistad ja -seadmed**

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Other agricultural machines and equipment

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**UUED STANDARDID**

**EVS-EN 60335-2-70:2003**

Hind 92,00

Identne IEC 60335-2-70:2002

ja identne EN 60335-2-70:2002

**Household and similar electrical appliances - Safety - Part 2-70: Particular requirements for milking machines**

Deals with milking machines for milking farm animals, for use in stalls or in the open. Examples are bucket and direct-to-can milking machines, milking pipeline machines, recorder milking machines. The rated voltage is less than 250 V for single-phase operation and 480 V for other operations

**EVS-EN 60335-2-87:2003**

Hind 101,00

Identne IEC 60335-2-87:2002

ja identne EN 60335-2-87:2003

**Household and similar electrical appliances - Safety - Part 2-87: Particular requirements for electrical animal-stunning equipment**

Deals with the safety of electric animal-stunning equipment, These are for industrial or commercial use, on farms or in areas where they may be a source of danger to the public. The standard covers manual, semi-automatic and automatic equipment. For electric fence energizers, see IEC 60335-2-76. For electric fishing machines, see IEC 60335-2-86

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**65.080**

**Väetised**

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**Fertilizers**

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**UUED STANDARDID**

**EVS-EN ISO 7837:2003**

Hind 66,00

Identne ISO 7837:1992

ja identne EN ISO 7837:2000

**Fertilizer - Determination of bulk density (loose) of fine-grained fertilizers**

This International Standard specifies a method for the determination of the bulk density (loose) of solid fine-grained fertilizers

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**65.150**

**Kalandus ja kalakasvatus**

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**Fishing and fish breeding**

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**UUED STANDARDID**

**EVS-EN ISO 16663-1:2003**

Hind 75,00

Identne ISO 16663-1:2003

ja identne EN ISO 16663-1:2003

**Fishing nets - Method of test for the determination of mesh size - Part 1: Mesh size opening**

This European Standard specifies a method for the determination of size of opening of the mesh of fishing nets using a flat wedge gauge. This part of the European Standard concerns active gears as they are define below in clause 3. Test may be carried out in both the dry and wet states, but tests in the wet state are considered to be particularly appropriate in indicating the behaviour of the netting in use.

**EVS-EN ISO 16663-2:2003**

Hind 66,00

Identne ISO 16663-2:2003

ja identne EN ISO 16663-2:2003

**Fishing nets - Method of test for the determination of mesh size - Part 2: Length of mesh**

This European Standard specifies a method for the determination of mesh length of fishing nets using a ruler. It is applicable to passive fishing gears

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**67.050**

**Üldised toidu katse- ja analüüsimeetodid**

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**General methods of tests and analysis for food products**

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**UUED STANDARDID**

**EVS-EN 14122:2003**

Hind 117,00

Identne EN 14122:2003

**Foodstuffs - Determination of vitamin B1 (thiamin) by HPLC**

This draft European Standard specifies a method for the determination of Vitamin B<sup>1</sup> (thiamin) in foodstuffs by High performance liquid chromatography (HPLC)

**EVS-EN 14123:2003**

Hind 139,00

Identne EN 14123:2003

**Foodstuffs - Determination of aflatoxin B1 and the sum of aflatoxin B1, B2, G1 and G2 in peanut butter, pistachio paste, fig paste, and paprika powder - High performance liquid chromatographic method with postcolumn derivatization and immunoaffinity column clean-up**

This draft European Standard is applicable to the determination of aflatoxins B1, B2, G1 and G2 in figs, pistachios, peanuts and paprika powder. The limit of quantification of the method is 0,8 ng/g for each aflatoxin or better (value derived from in-house and collaborative study), depending on the equipment used

**EVS-EN 14130:2003**

Hind 92,00

Identne EN 14130:2003

**Foodstuffs - Determination of vitamin C by HPLC**

This European Standard specifies an HPLC-method for the determination of vitamin C in foodstuffs.

**EVS-EN 14148:2003**

Hind 109,00

Identne EN 14148:2003

**Foodstuffs - Determination of vitamin K1 by HPLC**

This draft European Standard specifies a method for the determination of vitamin K1 in foodstuffs by high performance liquid chromatography (HPLC). The determination of Vitamin K1 content is carried out by measurement of reduced phyloquinone. The method has been validated for milk and milk products, however laboratory experiences exist which show that the method is also applicable to other type of foodstuffs

**EVS-EN 14152:2003**

Hind 101,00

Identne EN 14152:2003

**Foodstuffs - Determination of vitamin B2 by HPLC**

This draft European Standard specifies a method for the determination of Vitamin B<sup>2</sup> in foodstuffs by high performance liquid chromatography (HPLC). The determination of Vitamin B<sup>2</sup> content is carried out by measurement of riboflavin

**EVS-EN ISO 15141-2:2003**

Hind 92,00

Identne ISO 15141-2:1998

ja identne EN ISO 15141-2:1998

**Foodstuffs - Determination of ochratoxin A in cereals and cereal products - Part 2: High performance liquid chromatographic method with bicarbonate clean up**

This European Standard specifies a method for the determination of ochratoxin A (OTA) at levels greater than 3 µg/kg

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67.060

**Teravili ja kaunvili ning  
nendest valmistatud tooted**

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Cereals, pulses and derived  
products

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**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 56515

Tähtaeg: 2003-09-01

Identne ISO 7301:2002

**Riis. Tehnilised nõuded**

Standard käsitleb rahvusvahelise  
kaubanduse subjektiks oleva riisi  
(*Oryza sativa* L.)  
määrimisnõudeid. Standard kehtib  
järgnevale tüüpidele: inimtoiduks  
mõeldud aurutatud või aurutamata  
kooritud riisile ja lihvitud riisile. Ei  
kehti teistele riisist pärinevatele  
toodetele ega vahajale riisile  
(glutinoosne riis).

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67.160.10

**Alkohoolsed joogid**

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Alcoholic beverages

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**UUED STANDARDID**

**EVS-EN 14133:2003**

Hind 101,00

Identne EN 14133:2003

**Foodstuffs - Determination of  
ochratoxin A in wine and beer -  
HPLC method with clean-up on  
a immunoaffinity column**

This European Standard specifies a  
method for the determination of  
ochratoxin A in wine and beer  
using immunoaffinity column clean  
up and high performance liquid  
chromatography (HPLC)

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67.200.10

**Loomsed ja taimsed  
rasvad ja õlid**

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Animal and vegetable fats  
and oils

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**UUED STANDARDID**

**EVS-EN 14110:2003**

Hind 83,00

Identne EN 14110:2003

**Fat and oil derivatives - Fatty  
Acid Methyl Esters (FAME) -  
Determination of methanol  
content**

This method describes the  
determination of methanol in fatty  
acid methyl esters (FAME) for use  
as diesel fuel and domestic heating  
fuel. The method is applicable for  
a concentration range from 0,01 %  
to 0,5 % (W/W) methanol. The  
method is not applicable to  
mixtures of FAME which contain  
other low boiling components.

**EVS-EN ISO 12228:2003**

Hind 109,00

Identne ISO 12228:1999

ja identne EN ISO 12228:1999

**Animal and vegetable fats and  
oils - Determination of  
individual and total sterols  
contents - Gas chromatographic  
method**

This standard specifies a method  
for the gas chromatographic  
determination of the content and  
composition of sterols in animal  
and vegetable fats and oils

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56830

Tähtaeg: 2003-11-01

Identne ISO 9832:2002

ja identne EN ISO 9832:2003

**Animal and vegetable fats and  
oils - Determination of residual  
technical hexane content**

This International Standard  
specifies a method for the  
determination of the residual  
technical hexane content of animal  
and vegetable fats and oils  
(referred to as fats hereinafter). the  
method is suitable for the  
determination of hexane contents  
between 10 mg and 1500 mg per  
kilogram of fat. The method is not  
applicable to marine oils

prEVS 56831

Tähtaeg: 2003-11-01

Identne ISO 3657:2002

ja identne EN ISO 3657:2003

**Animal and vegetable fats and  
oils - Determination of  
saponification value**

This International Standard  
specifies a method for the  
determination of the saponification  
value of animal and vegetable fats  
and oils

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67.250

**Toiduga kokkupuutuvad  
materjalid ja esemed**

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Materials and articles in  
contact with foodstuffs

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**UUED STANDARDID**

**EVS-EN 14481:2003**

Hind 101,00

Identne EN 14481:2003

**Materials and articles in contact  
with foodstuffs - Plastics - Test  
methods for the determination  
of fatty contact**

This Part of this European  
Standard specifies a test method to  
determine whether there is fatty  
contact and is applicable to all  
foods. Testing some foods can  
require modifications to the  
method. The method is applicable  
to contact situations from -20 °C  
to 100 °C

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56694

Tähtaeg: 2003-10-01

Identne prEN 12873-2:2003

**Influence of materials on water  
intended for human  
consumption - Influence due to  
migration - Part 2: Test method  
for nonmetallic and non-  
cementitious site-applied  
materials**

This European Standard specifies a  
procedure to determine the  
migration of substances from non-  
metallic and non-cementitious site-  
applied materials for use in contact  
with water intended for human  
consumption

prEVS 56699

Tähtaeg: 2003-10-01

Identne ISO/DIS 21568:2003

ja identne prEN ISO 21568:2003

**Foodstuffs - Methods of  
analysis for the detection of  
genetically modified organisms  
and derived products -**

**Sampling**

This Standard gives guidance for  
setting up a valid sampling strategy  
for foodstuffs that are to be  
analysed for the presence of  
genetically modified organisms and  
derived products

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67.260

**Toiduainetööstuse  
ettevõtted ja seadmed**

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Plants and equipment for the  
food industry

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**UUED STANDARDID**

**EVS-EN 13208:2003**

Hind 179,00

Identne EN 13208:2003

**Food processing machinery -  
Vegetable peelers - Safety and  
hygiene requirements**

This European standard specifies  
the safety and hygiene  
requirements for the design and  
manufacture of vegetable peelers  
used in the commercial and  
institutional catering industry, and  
in food shops. The machines  
concerned by this standard are  
designed to peel different sorts of  
vegetables and tubers such as  
potatoes, carrots, salsify, turnips,  
celery and onions

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71

**KEEMILINE  
TEHNOLOOGIA**

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**CHEMICAL  
TECHNOLOGY**

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**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 56695

Tähtaeg: 2003-10-01

Identne prEN 14664:2003

**Chemicals used for treatment of  
water intended for human  
consumption - Iron (III) sulfate,  
solid**

This European Standard is  
applicable to iron(III) sulfate  
nonahydrate used for treatment of  
water intended for human  
consumption. It describes the  
characteristics of iron(III) sulfate  
nonahydrate and specifies the  
requirements and the  
corresponding analytical methods  
for iron(III) sulfate nonahydrate  
and gives information on its use in  
water treatment

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71.040.20

**Laborinõud ja -aparaadid**

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Laboratory ware and related  
apparatus

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**UUED STANDARDID**

**EVS-EN ISO 4142:2003**

Hind 57,00

Identne ISO 4142:2002

ja identne EN ISO 4142:2002

**Laboratory glassware - Test  
tubes**

This International Standard  
specifies a range of test tubes,  
suitable for general laboratory use,  
fabricated from borosilicate,  
neutral or soda/lime glass, which  
are designated Type I, Type II and  
Type III respectively

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71.060.10

**Keemilised elemendid**

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**Chemical elements**

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**UUED STANDARDID**

**EVS-EN 14155:2003**

Hind 66,00

Identne EN 14155:2003

**Derivatives from coal pyrolysis -  
Carbon black feedstock -  
Specifications and test methods**

This European Standard defines  
the specifications and the test  
methods for carbon black  
feedstock i.e. coal tar, coal tar  
fractions or coal tar distillates used  
for the manufacture of carbon  
black

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71.100.30

**Lõhkeained. Pürotehnika**

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**Explosives. Pyrotechnics**

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**UUED STANDARDID**

**CEN/TS 13763-27:2003**

Hind 199,00

Identne CEN/TS 13763-27:2003

**Explosives for civil uses .  
Detonators and relays Part 27:  
Definitions, methods and  
requirements for electronic  
initiation systems**

This Technical Specification  
specifies a risk analysis, evaluation  
and testing procedure to be used to  
investigate the safety and reliability  
of electronic initiation systems by  
identifying hazards and estimating  
the risks associated with the  
system. The Technical  
Specification also stipulates levels

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of acceptability for electronic  
initiation systems

**EVS-EN 13857-1:2003**

Hind 83,00

Identne EN 13857-1:2003

**Explosives for civil uses - Part 1:  
Terminology**

This European Standard defines  
the key technical terminology used  
in European Standards developed  
in the field of explosives for civil  
uses

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71.100.50

**Puidukaitse kemikaalid**

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**Wood-protecting chemicals**

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**UUED STANDARDID**

**EVS-EN 212:2003**

Hind 117,00

Identne EN 212:2003

**Wood preservatives - General  
guidance on sampling and  
preparation for analysis of wood  
preservatives and treated timber**

This European Standard gives  
guidance on the general procedures  
to be followed in the sampling and  
preparation for analysis of wood  
preservatives and preservative-  
treated timber. This European  
Standard is applicable to the  
provision of appropriate samples  
for analysis which can be used to  
check the content of active and  
other ingredients in preservative  
formulations, and the content of  
active and other ingredients of  
wood preservatives in treated  
timber, either before, during or  
after the service life of the timber

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71.100.80

**Kemikaalid vee  
puhastamiseks**

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Chemicals for purification of  
water

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**UUED STANDARDID**

**EVS-EN 899:2003**

Hind 117,00

Identne EN 899:2003

**Chemicals used for treatment of  
water intended for human  
consumption - Sulfuric acid**

This European standard is  
applicable to sulfuric acid used for  
treatment of water intended for  
human consumption. It describes  
the characteristics of sulfuric acid  
and specifies the requirements and  
the corresponding test methods for

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sulfuric acid. It gives information on its use in water treatment

## **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 56696

Tähtaeg: 2003-10-01

Identne prEN 885:2003

### **Chemicals used for treatment of water intended for human consumption - Polyaluminium chloride hydroxide silicate**

This European Standard describes the characteristics and specifies the requirements of polyaluminium chloride hydroxide silicate used for treatment of water intended for human consumption and refers to the corresponding analytical methods. It gives information on its use in water treatment

prEVS 56741

Tähtaeg: 2003-11-01

Identne prEN 1207:2003

### **Chemicals used for treatment of water intended for human consumption - Tetrapotassium pyrophosphate**

This European Standard is applicable to tetrapotassium pyrophosphate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for tetrapotassium pyrophosphate. It gives information on its use in water treatment

prEVS 56742

Tähtaeg: 2003-11-01

Identne prEN 1208:2003

### **Inimtarbevee töötlemiseks kasutatavad kemikaalid.**

#### **Naatriumkaltsiumpolüfosfaat**

This European standard is applicable to sodium calcium polyphosphate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for sodium calcium polyphosphate. It gives information on its use in water treatment

prEVS 56745

Tähtaeg: 2003-11-01

Identne prEN 1210:2003

### **Chemicals used for treatment of water intended for human consumption - Sodium tripolyphosphate**

This European standard is applicable to sodium tripolyphosphate used for treatment of water intended for

human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for sodium tripolyphosphate. It gives information on its use in water treatment

prEVS 56746

Tähtaeg: 2003-11-01

Identne prEN 1211:2003

### **Chemicals used for treatment of water intended for human consumption - Potassium tripolyphosphate**

This European Standard is applicable to potassium tripolyphosphate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding tests methods for potassium tripolyphosphate. It gives information on its use in water treatment

prEVS 56747

Tähtaeg: 2003-11-01

Identne prEN 1212:2003

### **Inimtarbevee töötlemiseks kasutatavad kemikaalid.**

#### **Naatriumpolüfosfaat**

This European Standard is applicable to sodium polyphosphate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for sodium polyphosphate. It gives information on its use in water treatment

prEVS 56776

Tähtaeg: 2003-11-01

Identne prEN 1198:2003

### **Inimtarbevee töötlemiseks kasutatavad kemikaalid.**

#### **Naatriumdivesinikortofosfaat**

This European standard is applicable to sodium dihydrogen orthophosphate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for sodium dihydrogen orthophosphate. It gives information on its use in water treatment

prEVS 56777

Tähtaeg: 2003-11-01

Identne prEN 1199:2003

### **Inimtarbevee töötlemiseks kasutatavad kemikaalid.**

#### **Dinaatriumvesinikortofosfaat**

This European standard is applicable to disodium hydrogen orthophosphate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for disodium hydrogen orthophosphate. It gives information on its use in water treatment

prEVS 56778

Tähtaeg: 2003-11-01

Identne prEN 1200:2003

### **Inimtarbevee töötlemiseks kasutatavad kemikaalid.**

#### **Trinaatriumortofosfaat**

This European Standard is applicable to trisodium orthophosphate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for trisodium orthophosphate. It gives information on its use in water treatment

prEVS 56779

Tähtaeg: 2003-11-01

Identne prEN 1201:2003

### **Inimtarbevee töötlemiseks kasutatavad kemikaalid.**

#### **Monokaaliumdivesinikortofosfaat**

This European Standard is applicable to monopotassium dihydrogen orthophosphate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for monopotassium dihydrogen orthophosphate. It gives information on its use in water treatment

prEVS 56780

Tähtaeg: 2003-11-01

Identne prEN 1202:2003

### **Inimtarbevee töötlemiseks kasutatavad kemikaalid.**

#### **Dikaaliumvesinikortofosfaat**

This European standard is applicable to dipotassium hydrogen orthophosphate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for dipotassium hydrogen orthophosphate. It gives information on its use in water treatment

prEVS 56781  
Tähtaeg: 2003-11-01  
Identne prEN 1203:2003  
**Inimtarbevee töötlemiseks kasutatavad kemikaalid. Trikaaliumortofosfaat**  
This European Standard is applicable to tripotassium orthophosphate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for tripotassium orthophosphate. It gives information on its use in water treatment

prEVS 56782  
Tähtaeg: 2003-11-01  
Identne prEN 1204:2003  
**Inimtarbevee töötlemiseks kasutatavad kemikaalid. Monokaltsiumfosfaat**  
This European Standard is applicable to monocalcium phosphate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding tests methods for monocalcium phosphate. It gives information on its use in water treatment

prEVS 56783  
Tähtaeg: 2003-11-01  
Identne prEN 1205:2003  
**Inimtarbevee töötlemiseks kasutatavad kemikaalid. Pürofosforhappenaatrium (naatriumpürofosfaat)**  
This European standard is applicable to sodium acid pyrophosphate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for sodium acid pyrophosphate. It gives information on its use in water treatment

prEVS 56784  
Tähtaeg: 2003-11-01  
Identne prEN 1206:2003  
**Inimtarbevee töötlemiseks kasutatavad kemikaalid. Tetraaatriumpürofosfaat**  
This European Standard is applicable to tetrasodium pyrophosphate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for

tetrasodium pyrophosphate. It gives information on its use in water treatment

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### 73.100.40 Kaevandusveo- ja tõsteseadmed

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Haulage and hoisting equipment

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#### UUED STANDARDID

**EVS-EN 1889-1:2003**  
Hind 190,00  
Identne EN 1889-1:2003  
**Machines for underground mines - Mobile machines working underground - Safety - Part 1: Rubber tyred vehicles**  
This European Standard specifies the safety requirements and tests for self-propelled rubber tyred vehicles (defined in clause 3) intended primarily for use in underground mining (i.e. mine vehicles) and other underground workings (e.g. tunnelling vehicles). The electrical supply voltage is limited to 1100 A.C. and 1500 D.C.

**EVS-EN 1889-2:2003**  
Hind 229,00  
Identne EN 1889-2:2003  
**Machines for underground mines - Mobile machines working underground - Safety - Part 2: Rail locomotives**  
This European standard specifies the safety requirements and tests for rail locomotives for use in underground mining (i.e. mine locomotives) and other underground workings (e.g. tunnelling locomotives). This European standard deals with the technical requirements to minimise the hazards listed in clause 4 which can arise during the commissioning, the operation and the maintenance of locomotives when carried out in accordance with the specifications given by the manufacturer or his authorised representative

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### 75.040 Toornafta

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Crude petroleum

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**KAVANDITE ARVAMUSKÜSITLUS**  
prEVS 56685  
Tähtaeg: 2003-10-01  
Identne prEN 14733:2003

**Bitumen and bituminous binders - Bituminous emulsions, fluxed and cut-back bitumen factory production control**

This standard specifies Factory Production Control requirements for use by the producers of bituminous emulsions, cut-back and fluxed binders. The Factory Production Control has the quality aim of providing adequate assurance that the binder conforms with the relevant technical specifications

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### 75.080 Naftasaadused üldiselt

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Petroleum products in general

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#### KAVANDITE ARVAMUSKÜSITLUS

prEVS 56822  
Tähtaeg: 2003-11-01  
Identne ISO 8754:2003  
ja identne EN ISO 8754:2003  
**Petroleum products - Determination of sulfur content - Energydispersive X-ray fluorescence spectrometry**  
This International Standard specifies a method for the determination of the sulfur content of petroleum products, such as naphthas, unleaded motor gasolines, middle distillates, residua fuel oils, base lubricating oils and components

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### 75.160.20 Vedelkütused

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Liquid fuels

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#### UUED STANDARDID

**EVS-EN 14213:2003**  
Hind 83,00  
Identne EN 14213:2003  
**Heating fuels - Fatty acid methyl esters (FAME) - Requirements and test methods**  
This European Standard specifies requirements and test methods for marketed and delivered fatty acid methyl esters (FAME) to be used either as a heating fuel at 100% concentration, or as a blending component for the production of heating fuel. At 100% concentration it is applicable to fuel for use in heating equipment designed or subsequently adapted to run on 100% FAME

**EVS-EN 14214:2003**

Hind 101,00

Identne EN 14214:2003

**Automotive fuels - Fatty acid methyl esters (FAME) for diesel engines - Requirements and test methods**

This European Standard specifies requirements and test methods for marketed and delivered fatty acid methyl esters (FAME) to be used either as automotive fuel or diesel engines, at 100% concentration, or as an extender for automotive fuel for diesel engines, in accordance with the requirements of EN 590.

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**77.040.10**

**Metallide mehaaniline katsetamine**

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**Mechanical testing of metals**

**UUED STANDARDID**

**EVS-EN 10319-1:2003**

Hind 117,00

Identne EN 10319-1:2003

**Metallic materials - Tensile stress relaxation testing - Part 1: Procedure for testing machines**

This draft European Standard specifies the test method for the determination of relaxation of stress of metallic test pieces subjected throughout the test to nominally constant strain and constant temperature conditions

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**77.040.30**

**Metallograafia jm katsetameetodid**

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**Metallographic and other methods of testing**

**UUED STANDARDID**

**EVS-EN 10276-2:2003**

Hind 101,00

Identne EN 10276-2:2003

**Chemical analysis of ferrous materials - Determination of oxygen content in steel and iron - Part 2: Infrared method after fusion under inert gas**

This European Standard specifies an infrared method after fusion under inert gas for the determination of oxygen in steel and iron. The method is applicable to oxygen contents between 0,0005 % (m/m) and 0,01 % (m/m)

**EVS-EN 12441-2:2002/A1:2003**

Hind 57,00

Identne EN 12441-2:2001/A1:2003

**Zinc and zinc alloys - Chemical analysis - Part 2: Determination of magnesium in zinc alloys - Flame atomic absorption spectrometric method**

This European Standard specifies a flame atomic absorption spectrometric method for the determination of magnesium in zinc alloys. It is applicable to the products specified in EN 1774 and EN 12844

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**77.040.99**

**Muud metallide katsetamise meetodid**

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**Other methods of testing of metals**

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**UUED STANDARDID**

**EVS-EN ISO 642:2003**

Hind 117,00

Identne ISO 642:1999

ja identne EN ISO 642:1999

**Steel - Hardenability test by end quenching (Jominy test)**

This International Standard specifies the method for determining the hardenability of steel by the end quench, by using a test piece 25 mm in diameter and 100 mm long

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**77.120.01**

**Värvilised metallid üldiselt**

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**Non-ferrous metals in general**

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**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56765

Tähtaeg: 2003-11-01

Identne EN 10216-

1:2002/prA1:2003

**Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 1: Non-alloy steel tubes with specified room temperature properties**

This Part of EN 10216 specifies the technical delivery conditions for two qualities TR1 and TR2 of seamless tubes of circular cross section with specified room temperature properties made of non-alloy quality steel.

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**77.120.10**

**Alumiinium ja alumiiniumisulamid**

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**Aluminium and aluminium alloys**

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**UUED STANDARDID**

**EVS-EN 573-3:2003**

Hind 126,00

Identne EN 573-3:2003

**Aluminium and aluminium alloys - Chemical composition and form of wrought products - Part 3: Chemical composition**

This European Standard specifies the chemical composition limits of wrought aluminium and aluminium alloys. The chemical composition limits of aluminium and aluminium alloys specified herein are completely identical with those registered with the Aluminum Association, Washington DC 20006, USA, for the corresponding alloys

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**77.120.30**

**Vask ja vasesulamid**

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**Copper and copper alloys**

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**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 31642

Tähtaeg: 2003-10-01

Identne prEN 12614:2003

**Products and systems for the protection and repair of concrete structures - Test methods - Determination of glass transition temperatures of polymers**

This European standard covers a test method for the determination of glass transition temperature (GTT) of polymers by differential scanning calorimetry (DSC) or differential thermal analysis (DTA). This test method is applicable to polymers in granular form (below 60 mesh, < 250 µ, avoiding grinding if possible) or to any fabricated shape from which appropriate samples can be cut

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**77.120.60****Plii, tsink, tina ja nende sulamid**

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Lead, zinc, tin and their alloys

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**UUED STANDARDID****EVS-EN 12441-2:2002/A1:2003**

Hind 57,00

Identne EN 12441-2:2001/A1:2003

**Zinc and zinc alloys - Chemical analysis - Part 2: Determination of magnesium in zinc alloys - Flame atomic absorption spectrometric method**

This European Standard specifies a flame atomic absorption spectrometric method for the determination of magnesium in zinc alloys. It is applicable to the products specified in EN 1774 and EN 12844

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**77.140****Malm- ja terastooted**

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Iron and steel products

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**UUED STANDARDID****EVS 1090-2:2003**

Hind 190,00

Identne EVS 1090-2:2003

**Teraskonstruksioonide valmistamine. Osa 2:****Lisanõuded külmpainutatud profiilidele ja profiilplekile**

Käesolevat standardit EVS 1090-2 tuleb käsitleda standardis EVS 1090-1 antud eeskirju täiendava osana. Standardi EVS 1090-1-3 kohaselt I või II klassi kuuluvate teraskonstruksioonide õhukeste külmpainutatud profiilidest elementide valmistamise ja profiilpleki kasutamise erinõuded.

**EVS-EN 24935:2003**

Hind 75,00

Identne ISO 4935:1989

ja identne EN 24935:1991

**Steel and iron - Determination of sulfur content - Infrared absorption method after combustion in an induction furnace**

The International Standard specifies an infrared absorption method after combustion in an induction furnace for the determination of sulfur content in steel and iron. The method is applicable to sulfur contents

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between 0,002 % (m/m) and 0,10 % (m/m)

**EVS-EN 29658:2003**

Hind 92,00

Identne ISO 9658:1990

ja identne EN 29658:1991

**Steel - Determination of aluminium content - Flame atomic absorption spectrometric method**

This International Standard specifies a flame atomic absorption spectrometric method for the determination of acid-soluble and/or total aluminium in non-alloyed steel

**EVS-EN ISO 24947:2003**

Hind 66,00

Identne ISO 4947:1986

ja identne EN 24947:1991

**Steel and cast iron - Determination of vanadium content - Potentiometric titration method**

This International Standard specifies a potentiometric titration method for the determination of vanadium in steel and cast iron

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**77.140.01****Malm- ja terastooted üldiselt**

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Iron and steel products in general

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**KAVANDITE ARVAMUSKÜSITLUS**

prEVS 56765

Tähtaeg: 2003-11-01

Identne EN 10216-1:2002/

prA1:2003

**Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 1: Non-alloy steel tubes with specified room temperature properties**

This Part of EN 10216 specifies the technical delivery conditions for two qualities TR1 and TR2 of seamless tubes of circular cross section with specified room temperature properties made of non-alloy quality steel.

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**77.140.20****Roostevabad terased**

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Stainless steels

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**UUED STANDARDID****EVS 1090-3:2003**

Hind 109,00

Identne EVS 1090-3:2003

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**Teraskonstruksioonide****valmistamine. Osa 3:**

**Lisanõuded kõrgtugevast terasest konstruksioonidele**  
Käesolevat standardit EVS 1090-3 tuleb käsitleda standardis EVS 1090-1 antud eeskirju täiendava osana. Käesolevas standardis EVS 1090-3 tuuakse lisanõuded kõrgtugevatest terastest S420 ja S460 konstruksioonide valmistamisele ja montaažile.

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**77.140.30****Surveotstarbelised terased**

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Steels for pressure purposes

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**UUED STANDARDID****EVS-EN 10028-2:2003**

Hind 146,00

Identne EN 10028-2:2003

**Lametooted terasest****surveseadmete. Osa 2:****Süsinik- ja legeerterased tööks kõrgematel temperatuuridel**

This European Standard specifies requirements for flat products for pressure equipment made of weldable nonalloy and alloy steels with elevated temperature properties as specified in Table 1. The requirements and definitions of EN 10028-1 also apply

**EVS-EN 10028-3:2003**

Hind 109,00

Identne EN 10028-3:2003

**Tasapinnalised terastooted surve all kasutamiseks. Osa 3:****Keevitatavad peeneteraliseeritud****konstruksiooniterased**

This European Standard specifies requirements for flat products for pressure equipment made of weldable fine grain steels as specified in Table 1

**EVS-EN 10028-4:2003**

Hind 92,00

Identne EN 10028-4:2003

**Flat products made of steels for pressure purposes - Part 4:****Nickel alloy steels with specified low temperature properties**

This European Standard specifies requirements for flat products for pressure equipment made of nickel alloy steels as specified in Table 1. The requirements and definitions of EN 10028-1 also apply

**EVS-EN 10028-5:2003**

Hind 101,00

Identne EN 10028-5:2003

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**Flat products made of steels for pressure purposes - Part 5: Weldable fine grain steels, thermomechanically rolled**

This European Standard specifies the requirements for flat products for pressure equipments made of thermomechanically rolled steels as specified in Table 1. The steels are not suitable for hot forming

**EVS-EN 10028-6:2003**

Hind 92,00

Identne EN 10028-6:2003

**Flat products made of steels for pressure purposes - Part 6: Weldable fine grain steels, quenched and tempered**

This European Standard specifies the requirements for flat products for pressure equipments made of quenched and tempered steels as specified in Table 1. The requirements in EN 10028-1 also apply

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**77.140.50**

**Lameterastooted ja - pooltooted**

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Flat steel products and semi-products

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**UUED STANDARDID**

**EVS-EN 10028-2:2003**

Hind 146,00

Identne EN 10028-2:2003

**Lametooted terasest surveadmetele. Osa 2:**

**Süsinik- ja legeerterasest tööks kõrgematel temperatuuridel**

This European Standard specifies requirements for flat products for pressure equipment made of weldable nonalloy and alloy steels with elevated temperature properties as specified in Table 1. The requirements and definitions of EN 10028-1 also apply

**EVS-EN 10028-3:2003**

Hind 109,00

Identne EN 10028-3:2003

**Tasapinnalised terastooted surve all kasutamiseks. Osa 3: Keevitatavad peeneteralised normaliseeritud**

**konstruktsiooniterasest**

This European Standard specifies requirements for flat products for pressure equipment made of weldable fine grain steels as specified in Table 1

**EVS-EN 10028-4:2003**

Hind 92,00

Identne EN 10028-4:2003

**Flat products made of steels for pressure purposes - Part 4: Nickel alloy steels with specified low temperature properties**

This European Standard specifies requirements for flat products for pressure equipment made of nickel alloy steels as specified in Table 1. The requirements and definitions of EN 10028-1 also apply

**EVS-EN 10028-5:2003**

Hind 101,00

Identne EN 10028-5:2003

**Flat products made of steels for pressure purposes - Part 5: Weldable fine grain steels, thermomechanically rolled**

This European Standard specifies the requirements for flat products for pressure equipments made of thermomechanically rolled steels as specified in Table 1. The steels are not suitable for hot forming

**EVS-EN 10028-6:2003**

Hind 92,00

Identne EN 10028-6:2003

**Flat products made of steels for pressure purposes - Part 6: Weldable fine grain steels, quenched and tempered**

This European Standard specifies the requirements for flat products for pressure equipments made of quenched and tempered steels as specified in Table 1. The requirements in EN 10028-1 also apply

**EVS-EN 10169-3:2003**

Hind 170,00

Identne EN 10169-3:2003

**Continuously organic coated (coil coated) steel products - Part 3: Products for building interior applications**

This part of this European Standard gives the specific requirements for continuously organic coated (coil coated) steel flat products used for building interior applications. It particularly specifies the performance requirements of different product flexibility categories and different corrosion protection categories

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**77.140.75**

**Terastorud ja eriotstarbelised torud**

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Steel pipes and tubes for specific use

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**UUED STANDARDID**

**EVS-EN 10296-1:2003**

Hind 163,00

Identne EN 10296-1:2003

**Welded circular steel tubes for mechanical and general engineering purposes - Technical delivery conditions - Part 1: Non-alloy and alloy steel tubes**

This part of EN 10296 specifies the technical delivery conditions for electric welded, laser beam welded and submerged arc welded tubes of circular cross section made of non-alloy and alloy steels for mechanical and general engineering purposes

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56766

Tähtaeg: 2003-11-01

Identne EN 10216-

2:2002/prA1:2003

**Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties**

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

prEVS 56767

Tähtaeg: 2003-11-01

Identne EN 10216-3:2002/

prA1:2003

**Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 3: Alloy fine grain steel tubes**

This Part of EN 10216 specifies the technical delivery conditions in two test categories for seamless tubes of circular cross section, made of weldable alloyed fine grained steel.

prEVS 56768

Tähtaeg: 2003-11-01

Identne EN 10216-4:2002/

prA1:2003

**Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 4: Non-alloy and alloy steel tubes with specified low temperature properties**

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

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**77.140.90**

**Mitteraudmetallidest tooted**

Products of non-ferrous metals

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**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 31642

Tähtaeg: 2003-10-01

Identne prEN 12614:2003

**Products and systems for the protection and repair of concrete structures - Test methods - Determination of glass transition temperatures of polymers**

This European standard covers a test method for the determination of glass transition temperature (GTT) of polymers by differential scanning calorimetry (DSC) or differential thermal analysis (DTA). This test method is applicable to polymers in granular form (below 60 mesh, < 250 µ, avoiding grinding if possible) or to any fabricated shape from which appropriate samples can be cut

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**77.150.01**

**Mitteraudmetallidest tooted üldiselt**

Products of non-ferrous metals in general

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**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 56765

Tähtaeg: 2003-11-01

Identne EN 10216-

1:2002/prA1:2003

**Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 1: Non-alloy steel tubes with specified room temperature properties**

This Part of EN 10216 specifies the technical delivery conditions for two qualities TR1 and TR2 of seamless tubes of circular cross section with specified room temperature properties made of non-alloy quality steel.

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**77.150.10**

**Alumiiniumtooted**

Aluminium products

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**UUED STANDARDID**

EVS-EN 573-3:2003

Hind 126,00

Identne EN 573-3:2003

**Aluminium and aluminium alloys - Chemical composition and form of wrought products - Part 3: Chemical composition**

This European Standard specifies the chemical composition limits of wrought aluminium and aluminium alloys. The chemical composition limits of aluminium and aluminium alloys specified herein are completely identical with those registered with the Aluminum Association, Washington DC 20006, USA, for the corresponding alloys

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**79.040**

**Puit, saepalgid ja saepuit**

Wood, sawlogs and sawn timber

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**UUED STANDARDID**

EVS-EN 13556:2003

Hind 283,00

Identne EN 13556:2003

**Round and sawn timber - Nomenclature of timbers used in Europe**

This European Standard lists commercial hardwood and softwood timbers used in Europe

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**79.060.01**

**Puitpaneelid üldiselt**

Wood-based panels in general

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**UUED STANDARDID**

EVS-EN 717-3:2003

Hind 83,00

Identne EN 717-3:1996

**Wood-based panels - Determination of formaldehyde release - Part 3: Formaldehyde release by the flask method**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter

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**79.060.99**

**Muud puitpaneelid**

Other wood-based panels

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**UUED STANDARDID**

CEN/TS 13354:2003

Hind 83,00

Identne CEN/TS 13354:2003

**Solid wood panels - Bonding quality - Test method**

This Technical Specification specifies a test method for determining the bonding quality of single-layer and multilayer solid wood panels by a shear test

EVS-EN 13353:2003

Hind 92,00

Identne EN 13353:2003

**Solid wood panels (SWP) - Requirements**

This European Standard specifies requirements for solid wood panels as defined in EN 12775 for use in dry, humid and exterior conditions as defined in service classes 1, 2 and 3 of ENV 1995-1-1:1993.

Additional information on supplementary properties for certain applications is also given

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**81.040.20**

**Ehitusklaas**

Glass in building

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**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 30198

Tähtaeg: 2003-10-01

Identne prEN 12488:2003

**Glass in building - Glazing**

**requirements - Assembly rules**

This European Standard applies to all the basic types of external and internal glazing (drawn sheet glass, float, cast glass, wired and non-wired, clear or tinted) in accordance with EN 572 part 1 to 6, as well as to all the derived processed flat glasses (laminated, toughened, coated, solar control and insulating glasses) as defined in appropriate European standards. For certain glass products additional considerations apply. The Standard does not apply to

curved (as defined in prEN 13022), corrugated or channel-shaped glasses

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**81.060.30**

**Kõrgtehnoloogiline  
keraamika**

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**Advanced ceramics**

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**UUED STANDARDID**

**CEN/TS 1071-7:2003**

Hind 170,00

Identne CEN/TS 1071-7:2003

**Advanced technical ceramics -  
Methods of test for ceramic  
coatings - Part 7: Determination  
of hardness and Young's  
modulus by instrumented  
indentation testing**

This part of EN 1071 describes a method of measuring hardness and Young's modulus of ceramic coatings by means of Instrumented Indentation Testing (IIT) using instruments capable of measuring force and displacement as a function of time during the indentation process. This class of instruments includes instruments previously known as Depth Sensing Indenters, DSI and Mechanical Microprobes

**CEN/TS 14425-1:2003**

Hind 101,00

Identne CEN/TS 14425-1:2003

**Advanced technical ceramics  
Test methods for determination  
of fracture toughness of  
monolithic ceramics Part  
1: Guide to test method selection**

This part of CEN/TS 14425 provides information on the comparative value, and guidance on the selection, of test methods for determining the apparent fracture toughness of monolithic advanced technical ceramics. For the purposes of this Technical Specification, the term monolithic includes particle, platelet and whisker reinforced advanced technical ceramics which can be regarded as macroscopically homogeneous. It does not include long fibre reinforced ceramics

**CEN/TS 14425-3:2003**

Hind 101,00

Identne CEN/TS 14425-3:2003

**Advanced technical ceramics  
Test methods for determination  
of fracture toughness of  
monolithic ceramics Part 3:  
Chevron notched beam (CNB)  
method**

This part of CEN/TS 14425 provides a test method for fracture toughness determination based on the chevron-notch method. For the purposes of this standard, the term monolithic includes particle and whisker reinforced advanced technical ceramics which can be regarded as macroscopically homogeneous. It does not include long-fibre reinforced ceramics

**EVS-EN 12291:2003**

Hind 126,00

Identne EN 12291:2003

**Advanced technical ceramics -  
Mechanical properties of  
ceramic composites at high  
temperature in air at  
atmospheric pressure -  
Determination of compression  
properties**

This European Standard EN 12291 specifies the conditions for determination of compression properties of ceramic matrix composite materials with continuous fibre reinforcement for temperatures up to 1 700 °C in air at atmospheric pressure

**EVS-EN 1159-1:2003**

Hind 109,00

Identne EN 1159-1:2003

**Advanced technical ceramics -  
Ceramic composites -  
Thermophysical properties -  
Part 1: Determination of thermal  
expansion**

This Part of EN 1159 describes methods for the determination of linear thermal expansion characteristics of ceramic matrix composite materials up to 2 300 K, and is applicable to 10, 2D and nD materials. The method describes general principles of construction calibration and operation of the equipment

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 34873

Tähtaeg: 2003-10-01

Identne prEN 1389:2003

**Advanced technical ceramics -  
Ceramic composites - Physical  
properties - Determination of  
density and apparent porosity**

This European Standard describes two methods for determination of the bulk density and open porosity of ceramic matrix composites with fibrous reinforcement. Two methods are described and are designated as Methods A and B, as follows :- method A :  
Determination of bulk density only

by measurement of dimensions and mass ; - method B :  
Determination of bulk density and open porosity by liquid displacement

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**81.080**

**Tulekindlad materjalid**

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**Refractories**

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**UUED STANDARDID**

**EVS-EN 1094-3:2003**

Hind 66,00

Identne EN 1094-3:2003

**Insulating refractory products -  
Part 3: Classification of  
insulating products made from  
ceramic fibres**

This Part of EN 1094 establishes the classification of insulating refractory products made from ceramic fibres. It applies to blankets, felts, mats, papers, boards and preformed shapes

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**81.100**

**Klaasi- ja  
keraamikatööstuse  
seadmestik**

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**Equipment for the glass and  
ceramics industries**

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**UUED STANDARDID**

**EVS-EN 13035-3:2003**

Hind 146,00

Identne EN 13035-3:2003

**Machines and plants for the  
manufacture, treatment and  
processing of flat glass - Safety  
requirements - Part 3: Cutting  
machines**

This standard contains the requirements for safety for the design and installation of machines with one movable bridge for cutting of flat glass, which operate by scoring of the glass placed on a horizontal support. This standard covers the transport of the glass on the machine

**EVS-EN 13035-4:2003**

Hind 117,00

Identne EN 13035-4:2003

**Machines and plants for the  
manufacture, treatment and  
processing of flat glass - Safety  
requirements - Part 4: Tilting  
tables**

This standard contains the requirements for safety for the design and installation of tilting tables, where the flat glass is brought from the horizontal almost to the vertical position or vice versa by lying on or supported at the lower edge leaning against a supporting surface

**EVS-EN 13042-5:2003**

Hind 126,00

Identne EN 13042-5:2003

**Machines and plants for the manufacture, treatment and processing of hollow glass - Safety requirements - Part 5: Presses**

This standard contains the requirements for the design and installation of glass presses including equipment for feeding of portions of molten glass to the mould, loading equipment and equipment for discharging articles (take-out) when these are integral parts of the presses

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**83.080.01**

**Plastid üldiselt**

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Plastics in general

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**UUED STANDARDID**

**EVS-EN 14481:2003**

Hind 101,00

Identne EN 14481:2003

**Materials and articles in contact with foodstuffs - Plastics - Test methods for the determination of fatty contact**

This Part of this European Standard specifies a test method to determine whether there is fatty contact and is applicable to all foods. Testing some foods can require modifications to the method. The method is applicable to contact situations from -20 °C to 100 °C

**EVS-EN ISO 489:2003**

Hind 92,00

Identne ISO 489:1999

ja identne EN ISO 489:1999

**Plastics - Determination of refractive index**

This standard specifies two test methods for determining the refractive index of plastics, namely: Method A: Refractive method for measuring the refractive index of moulded parts, cast or extruded sheet or film by means of a refractometer. Method B: Immersion method for determining the refractive index of

powdered or granulated transparent materials by means of a microscope

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 56825

Tähtaeg: 2003-11-01

Identne ISO 604:2002

ja identne EN ISO 604:2003

**Plastid. Surveomaduste määramine**

This International standard specifies a method for determining the compressive properties of plastics under defined condition

prEVS 56826

Tähtaeg: 2003-11-01

Identne ISO 3167:2002

ja identne EN ISO 3167:2003

**Plastid. Universaalsed**

**proovikehad**

This International Standard specifies requirements relating to multipurpose test specimens for plastic moulding materials intended for processing by injection or direct compression moulding

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**83.080.20**

**Termoplastid**

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Thermoplastic materials

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**UUED STANDARDID**

**EVS-EN ISO 305:2003**

Hind 57,00

Identne ISO 305:1990

ja identne EN ISO 305:1999

**Plastics - Determination of thermal stability of poly(vinyl chloride), related chlorine-containing homopolymers and copolymers and their compounds - Discoloration method**

This International Standard specifies two methods for the determination of the thermal stability of products and compounds based on vinyl chloride homopolymers and copolymers by the extent of the discoloration that occurs when they are exposed, in the form of sheet, to elevated temperatures

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 56824

Tähtaeg: 2003-11-01

Identne ISO 294-3:2002

ja identne EN ISO 294-3:2003

**Plastid. Termoplastidest proovikehade survevalu. Osa 3: Väikesed plaadid**

This part of the standard specifies two two-cavity moulds, the type D1 and D2 ISO moulds, for the injection moulding of small plates measuring 60 mm x 60 mm with a preferred thickness of 1 mm (type D1) or 2 mm (type D2) which can be used for a variety of tests (See annex A). The moulds may additionally be fitted with inserts for studying the effects of weld lines on the mechanical properties (See annex B).

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**83.100**

**Vahtplastid**

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Cellular materials

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**UUED STANDARDID**

**EVS-EN ISO 4590:2003**

Hind 117,00

Identne ISO 4590:2003

ja identne EN ISO 4590:2003

**Rigid cellular plastics - Determination of the volume percentage of open cells and of closed cells**

This International Standard specifies a general method for the determination of the volume percentage of open and closed cells of rigid cellular plastics by measurement first of the geometrical volume and then of the air-impenetrable volume of test specimens

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**83.140**

**Kummi- ja plasttooted**

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Rubber and plastics products

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**UUED STANDARDID**

**EVS-EN 477:2003**

Hind 66,00

Identne EN 477:1995

**Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors - Determination of the resistance to impact of main profiles by falling mass**

This European Standard specifies a method for the determination of the resistance to impact by a falling mass at -10 °C of unplasticized polyvinylchloride (PVC-U) main profiles for the fabrication of windows and doors for the assessment of the extrusion

**EVS-EN 478:2003**

Hind 66,00

Identne EN 478:1995

**Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors - Appearance after exposure at 150°C - Test method**

This European Standard specifies two methods for the determination of the effect of heat on unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors. The oven method is considered as the reference method

**EVS-EN 479:2003**

Hind 66,00

Identne EN 479:1995

**Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors - Determination of heat reversion**

This European Standard specifies a method for the determination of the heat reversion of unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors by a test at 100 °C in an oven

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**83.180**

**Liimid**

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**Adhesives**

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**UUED STANDARDID**

**EVS-EN 1939:2003**

Hind 109,00

Identne EN 1939:2003

**Self adhesive tapes - Determination of peel adhesion properties**

This European Standard specifies a series of methods for the determination of peel adhesion properties of self adhesives tapes

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**85.060**

**Paber ja papp**

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**Paper and board**

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**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 18537

Tähtaeg: 2003-11-01

Identne ISO 2758:2001

ja identne EN ISO 2758:2003

**Paper - Determination of bursting strength**

This International Standard specifies a method for measuring the bursting strength of paper submitted to increasing hydraulic pressure

prEVS 18538

Tähtaeg: 2003-11-01

Identne ISO 2759:2001

ja identne EN ISO 2759:2003

**Board - Determination of bursting strength**

This International Standard specifies a method for measuring the bursting strength of board submitted to increasing hydraulic pressure

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**85.080**

**Pabertooted**

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**Paper products**

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**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56679

Tähtaeg: 2003-10-01

Identne ISO/DIS 12625-9:2003

ja identne prEN ISO 12625-9:2003

**Tissue paper and tissue products - Part 9:**

**Determination of ball burst strength**

This European Standard specifies a test method for the determination of the resistance to mechanical penetration (ball burst strength procedure) of tissue paper and tissue products

prEVS 56680

Tähtaeg: 2003-10-01

Identne ISO/DIS 12625-3:2003

ja identne prEN ISO 12625-3:2003

**Tissue paper and tissue products - Part 3:**

**Determination of thickness, bulking thickness and apparent bulk density**

This part of EN ISO 12625 specifies a test method for the determination of thickness, bulking thickness and the calculation of apparent bulk density of tissue papers and tissue products under a pressure of 2,0 kPa

prEVS 56681

Tähtaeg: 2003-10-01

Identne ISO/DIS 12625-4:2003

ja identne prEN ISO 12625-4:2003

**Tissue paper and tissue products - Part 4:**

**Determination of tensile strength, stretch at break and tensile energy absorption**

This part of EN ISO 12625 specifies a test method for the determination of the tensile strength, stretch at break and tensile energy absorption of tissue paper and tissue products. It uses a tensile testing apparatus operating with a constant rate of elongation.

It also specifies the method of calculating the tensile index and the tensile energy absorption index

prEVS 56682

Tähtaeg: 2003-10-01

Identne ISO/DIS 12625-5:2003

ja identne prEN ISO 12625-5:2003

**Tissue paper and tissue products - Part 5:**

**Determination of wet tensile strength**

This part of EN ISO 12625 specifies a test method for the determination of the wet tensile strength of tissue paper and tissue products after soaking with water, using a tensile testing apparatus operating with a constant rate of elongation. Currently, two types of tensile testers are commercially available, one where the test specimen is positioned vertically and for the other horizontally. This European Standard applies for both. For vertical tensile testers, a device which is held in the lower grip of the tensile tester, called a Finch Cup, is used to achieve the wetting. For horizontal tensile testers the soaking device is placed between the clamps

prEVS 56683

Tähtaeg: 2003-10-01

Identne ISO/DIS 12625-6:2003

ja identne prEN ISO 12625-6:2003

**Tissue paper and tissue products - Part 6:**

**Determination of grammage**

This part of EN ISO 12625 specifies a test method for the determination of grammage of tissue paper and tissue products. Grammage may be measured by determining the mass of a test piece or test pieces of tissue paper or tissue products cut to specified dimensions, or by determining the mass and area of a specified number of units of finished tissue products

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**85.100**

**Paberitööstuse seadmed**

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**Equipment for the paper industry**

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**UUED STANDARDID**

**EVS-EN 13023:2003**

Hind 212,00

Identne EN 13023:2003

**Noise measurement methods for printing, paper converting, paper making machines and auxiliary equipment - Accuracy grades 2 and 3**

This standard specifies all the information necessary to carry out efficiently and under standardized conditions the determination, declaration and verification of airborne noise emission from printing and paper converting machines covered by the EN 1010 series and from paper making and finishing machines covered by the EN 1034 series. It specifies noise measurement methods and installation and operating conditions to be used for the test

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## 87.040

### Värvid ja lakid

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#### Paints and varnishes

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### UUED STANDARDID

#### EVS-EN ISO 3251:2003

Hind 66,00

Identne ISO 3251:2003

ja identne EN ISO 3251:2003

#### Paints, varnishes and plastics - Determination of non-volatilematter content

This International Standard specifies a method for determining the non-volatile-matter content by mass of paints, varnishes, binders for paints and varnishes, polymer dispersions and condensation resins such as phenolic resins

#### EVS-EN ISO 4624:2003

Hind 92,00

Identne ISO 4624:2002

ja identne EN ISO 4624:2003

#### Paints and varnishes - Pull-off test for adhesion

This International Standard describes methods for determining the adhesion by carrying out a pull-test on a single coating or a multi-coat system of paint, varnish or related product

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## 87.060.20

### Sideained

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#### Binders

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### UUED STANDARDID

#### EVS-EN ISO 3251:2003

Hind 66,00

Identne ISO 3251:2003

ja identne EN ISO 3251:2003

#### Paints, varnishes and plastics - Determination of non-volatilematter content

This International Standard specifies a method for determining the non-volatile-matter content by mass of paints, varnishes, binders for paints and varnishes, polymer dispersions and condensation resins such as phenolic resins

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## 91.010.30

### Tehnilised aspektid

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#### Technical aspects

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### UUED STANDARDID

#### EVS 835:2003

Hind 229,00

Identne EVS 835:2003

#### Kinnistu veevärgi projekteerimine

Käesolev standard kehtib kinnistute veevärkidele, mis on ühendatud linna või asula ühisveevärgiga või kohaliku veevarustusallikaga. Kinnistu veevärgi all mõistetakse hoonesisest külma- ja soojaveetorustikku koos toruarmatuuriga, veevarustusseadmeid ja maa-alust veetoru kinnistu piires ning sellest väljapoole kuni peakraanini. Standardi nõudeid tuleb täita nii uue kinnistu veevärgi projekteerimisel, paigaldamisel, katsetamisel kui ka olemasolevate vee-värkide remondil ja ümberehitusel.

#### EVS 846:2003

Hind 190,00

Identne EVS 846:2003

#### Kinnistu kanalisatsioon

Käesolev standard kehtib kinnistu kanalisatsioonile, mille kaudu reoveed suubuvad linna või asula ühiskanalisatsiooni või veekogusse. Kinnistu kanalisatsiooni all mõeldakse hoonesisest veeneeludega ühendatud kanalisatsioonitorustikku koos võimalike lisaseadmetega (sulgeseadmed, pumplad, puhastusavad) ja kinnistu piires asuvat õuekanalisatsiooni koos kaevude ja võimalike kohtpuhastitega. Standardis ei käsitleta tulekustutusveega seonduvat. Standardi nõudeid tuleb täita nii uue kinnistu kanalisatsiooni projekteerimisel, paigaldamisel, katsetamisel kui ka olemasolevate kanalisatsioonisüsteemide ümberehitamisel.

#### EVS 848:2003

Hind 190,00

Identne EVS 848:2003

#### Ühiskanalisatsioonivõrk

Käesolev projekteerimisstandard kehtib hooneväliste isevoolsete kanalisatsiooni-võrkude kohta, s.o hoonekollektorist või sajuvee restkaevust kohani, kus vesi jõuab reoveepuhastisse või suublasse. Hoonealused torustikud ja kollektorid kuuluvad kanalisatsioonivõrgu hulka siis, kui nad ei ole osa kinnistukanalisatsioonist.

#### EVS 847-1:2003

Hind 101,00

Identne EVS 847-1:2003

**Ühisveevärk. Osa 1: Veehaarded**  
Standard kehtib ühis- või eraveevärgi veehaardete ning on ette nähtud kasutamiseks veevärgi veeallika valikul, veehaarde tüübi ja asukoha valikul, veehaarde põhisõlmede projekteerimisel ja seadmete valikul ning veeallika ja veehaarde sanitaarkaitsealade projekteerimisel.

#### EVS 847-2:2003

Hind 109,00

Identne EVS 847-2:2003

#### Ühisveevärk. Osa 2: Veepuhastus

Standard kehtib ühis- või eraveevärgi veekäitlusele ning on ette nähtud kasutamiseks veevärgi puhastusseadmete tüübi ja asukoha valikul, puhastusseadmete põhisõlmede projekteerimisel ja ehitusel. Standardi lisa B sisaldab soovituslikku abimaterjali projekteerijale.

#### EVS 847-3:2003

Hind 179,00

Identne EVS 847-3:2003

#### Ühisveevärk. Osa 3: Veevärgi projekteerimine

Standard kehtib ühisveevärgile, sõltumata selle omandivormist ning, on ette nähtud kasutada ühisveevärgi, sealhulgas pumplate ja veereservuaaride projekteerimisel, veetorustiku dimensioonimisel ja pumpade ning teiste abiseadmete valimisel. Standard on kasutatav nii uue ühisveevärgi rajamisel kui olemasoleva laiendamisel ja ümberehitamisel. Standardi lisad sisaldavad informatiivset, soovituslikku abimaterjali projekteerijale.

#### EVS 1090-2:2003

Hind 190,00

Identne EVS 1090-2:2003

#### Teraskonstruksioonide valmistamine. Osa 2:

Lisanõuded külmpainutatud profiilidele ja profiilplekile

Käesolevat standardit EVS 1090-2 tuleb käsitleda standardis EVS 1090-1 antud eeskirju täiendava osana. Standardi EVS 1090 käesolevas osas tuuakse EVS 1993-1-3 kohaselt I või II klassi kuuluvate teraskonstruksioonide õhukeste külmpainutatud profiilidest elementide valmistamise ja profiilpleki kasutamise erinõuded.

#### **EVS 1090-3:2003**

Hind 109,00

Identne EVS 1090-3:2003

**Teraskonstruksioonide valmistamine. Osa 3:**

**Lisanõuded kõrgtugevast terasest konstruksioonidele**

Käesolevat standardit EVS 1090-3 tuleb käsitleda standardis EVS 1090-1 antud eeskirju täiendava osana. Käesolevas standardis EVS 1090-3 tuuakse lisanõuded kõrgtugevatest terasest S420 ja S460 konstruksioonide valmistamisele ja montaaobile.

#### **EVS 1090-4:2003**

Hind 139,00

Identne EVS 1090-4:2003

**Teraskonstruksioonide valmistamine. Osa 4:**

**Lisanõuded toruprofiilidest konstruksioonidele**

Standardis EVS 1090-4 antavad lisajuhised laiendavad standardi EVS 1090-1 kasutusvaldkonda ka: - ühte või mitmesse tasapinda paigaldatud sõrestikele; - osaliselt või täielikult ümar- või nelikanttorudest valmistatud sõrestikele. Standard EVS 1090-4 on kooskõlas EVS 1993-1-1 lisas K (ja ENV 1993-1-1 lisas K) toodud sõrestike sõlmede ja liidete projekteerimisnõuetega.

#### **EVS 1995-2:2003**

Hind 179,00

Identne EVS 1995-2:2003

**Puitkonstruksioonid. Osa 2: Puitsillad**

Käesolev standard käsitleb sildade põhikonstruksioonide projekteerimist, mis on tehtud puidust ja teistest puidul põhinevatest materjalidest, monoliitsena või betooni, terase või muu materjali komposiitkonstruksioonina kasutamisel.

#### **EVS 1993-4-2:2003**

Hind 199,00

Identne EVS 1993-4-2:2003

**Teraskonstruksioonid. Osa 4-2: Vedelikumahutid**

EVS 1993-4-2 rakendub maapealsetele püstsilindrilistele terasmahutitele, mis on ette nähtud järgmiste parameetritega vedelike salvestamiseks: a) mahuti siserõhk on piirides -100 mbar kuni +500 mbar; b) metalli projekttemperatuur on vahemikus -196 °C kuni +300 °C; c) maksimaalne vedelikunivoo pole kõrgem kui projekteeritava mahuti korpuse ülaser. EVS 1993-4-2 puudutab ainult terasmahutite tugevust ja stabiilsust. Teiste nõuete (näiteks ohutuse, valmistamise, montaaži ja katsetamise, funktsionaalsete nõuete, sissepääsuavade, flanõide, täiteseadmete jms) osas tuleb juhinduda Euroopa standardi kavandist prEN 14015-1. Seismilise projekteerimise erinõuete eeskirjad on antud Euroopa eelstandardis ENV 1998-4 "Eurocode 8: Design of structures for earthquake resistance - Part 4: Silos, tanks, and pipelines", mis täiendab või kohaldab ENV 1993 ja EVS 1993 eeskirju selles osas.

Raudbetoonvundamente terasmahutite jaoks käsitlevad EVS 1992 ja EVS 1997.

Vedelikumahutite koormuste määramise eeskirjad on toodud käesoleva standardi lisas. Käesolev standard ei kata: - ujuvkatused ja -katteid, - vastupanu tulekahjule (vt EVS 1993-1-2).

#### **EVS-EN 1337-10:2003**

Hind 117,00

Identne EN 1337-10:2003

**Structural Bearings - Part 10:**

**Inspection and maintenance**

This European Standard applies to the inspection and maintenance of bearings designed in accordance with EN 1337-1, when used in the construction of bridges or structures requiring similar bearing systems. It presupposes the existence of guidelines for the regular inspection of the whole structure during its service life

#### **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 56701

Tähtaeg: 2003-10-01

Identne prEN 1337-2:2003

**Structural bearings - Part 2: Sliding elements**

This European Standard specifies the characteristics for the design and manufacture of sliding elements and guides which are not structural bearings but only parts of them for combination with structural bearings as defined in other Parts of this European Standard

prEVS 56702

Tähtaeg: 2003-10-01

Identne prEN 1337-7:2003

**Structural bearings - Part 7: Spherical and cylindrical PTFE bearings**

This European Standard deals with the requirements for the design and manufacture of spherical and cylindrical PTFE bearings. The requirements and properties of the curved sliding surfaces are included in EN 1337-2:2000. Spherical and cylindrical bearings with an included angle  $2\alpha > 60^\circ$  and  $2\alpha > 75^\circ$  respectively are beyond the scope of this European Standard. (see Figure 6)

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#### **91.020**

**Projekteerimine.**

**Linnaplaneerimine**

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Physical planning. Town planning

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#### **UUED STANDARDID**

**EVS 843:2003**

Hind 381,00

Identne EVS 843:2003

**Linnatänavad**

Käesolevat standardit on soovitatav rakendada linnatänavate ja kõigi tiheasustusaladel paiknevate teede ja tänavate projekteerimisel ning nende alade planeeringute koostamisel. Linna äärealadel, kus asustus on hõre ja kus liikluskeskkond eeldatavalt jääb sarnaseks maantee tingimustega, võib seal paiknevate teede projekteerimisel lähtuda maanteede projekteerimise normidest.

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#### **91.040**

**Hooned**

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Buildings

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#### **UUED STANDARDID**

**EVS 839:2003**

Hind 83,00

Identne EVS 839:2003

**Sisekliima**

Käesolev Eesti standard sisaldab hoonete sisekliima parameetritele ja tingimustele esitatavaid nõudeid, mis on määratud elu- ja avalike hoonete projekteerimisel, ekspluateerimisel ja ekspertiiside tegemisel kasutamiseks.

**EVS 1090-4:2003**

Hind 139,00

Identne EVS 1090-4:2003

**Teraskonstruksioonide**

**valmistamine. Osa 4:**

**Lisanõuded toruprofilidest konstruktsioonidele**

Standardis EVS 1090-4 antavad lisajuhised laiendavad standardi EVS 1090-1 kasutusvaldkonda ka: - ühte või mitmesse tasapinda paigaldatud sõrestikele; - osaliselt või täielikult ümar- või nelikanttorudest valmistatud sõrestikele. Standard EVS 1090-4 on kooskõlas EVS 1993-1-1 lisas K (ja ENV 1993-1-1 lisas K) toodud sõrestike sõlmede ja liidete projekteerimisnõuetega.

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**91.060**

**Ehituselemendid**

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Elements of buildings

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**UUED STANDARDID**

**EVS-EN 13241-1:2003**

Hind 163,00

Identne EN 13241-1:2003

**Industrial, commercial and garage doors and gates -**

**Product standard - Part 1:**

**Products without fire resistance or smoke control characteristics**

This European Standard specifies the safety and performance requirements for doors, gates and barriers, intended for installation in areas in the reach of persons, and for which the main intended uses are giving safe access for goods and vehicles accompanied or driven by persons in industrial, commercial or residential premises

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**91.060.10**

**Seinad. Vaheseinad.**

**Fassaadid**

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Walls. Partitions. Facades

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**UUED STANDARDID**

**EVS-EN 845-2:2003**

Hind 179,00

Identne EN 845-2:2003

**Specification for ancillary components for masonry - Part 2: Lintels**

This European Standard specifies requirements for prefabricated lintels for spans over clear openings in a masonry wall up to a maximum of 4,5 m and made from steel, autoclaved aerated concrete, manufactured stone, concrete, fired clay units, calcium silicate units, natural stone units, or using a combination of these materials

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56754

Tähtaeg: 2003-11-01

Identne prEN 14019:2003

**Curtain Walling - Impact resistance - Performance requirements**

This standard defines performance requirements of curtain walling (excluding glass in building which is classified under EN 12600) under soft body impact load criteria specified herein and tested in accordance with prEN 13049. Its criteria is targeted to safety in use and integrity of curtain wall in the event of sudden impact forces on the curtain wall surfaces. Compliance with the performance requirement is determined by the laboratory test

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**91.060.30**

**Laed. Põrandad. Trepid**

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Ceilings. Floors. Stairs

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**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56762

Tähtaeg: 2003-11-01

Identne prEN 13964:2003

**Suspended ceilings - Requirements and test methods**

The European Standard provides information for the various parties responsible for designing, manufacturing and specifying/selecting suspended ceilings used for interior applications in general building and civil engineering structures

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**91.060.40**

**Korstnad, lõõrid, kanalid**

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Chimneys, shafts, ducts

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**UUED STANDARDID**

**EVS-EN 1857:2003**

Hind 199,00

Identne EN 1857:2003

**Chimneys - Components - Concrete flue liners**

This European Standard specifies the material, dimensional and performance requirements, including methods of test, for factory-made concrete flue liners and fittings for the construction of multi-wall chimneys

**EVS-EN 1858:2003**

Hind 212,00

Identne EN 1858:2003

**Chimneys - Components - Concrete flue blocks**

This European Standard specifies the materials, dimensional and performance requirements for concrete flue blocks as defined in clause 3 for use in system chimneys. The flue blocks may be of single wall or multi wall construction. The standard does not apply to blocks with back ventilation

**EVS-EN 1856-1:2003**

Hind 212,00

Identne EN 1856-1:2003

**Chimneys - Requirements for metal chimneys - Part 1: System chimney products**

This standard specifies the performance requirements for single- and multi-wall system chimney products with metallic liners (chimney sections, chimney fittings and terminals, including supports) used to convey the products of combustion from appliances to the outside atmosphere. It also specifies the requirements for marking, manufacturer's instructions, product information and evaluation of conformity. Metal liners and metal connecting flue pipes not covered here, are included in prEN 1856-2:1996

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**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 29334

Tähtaeg: 2003-10-01

Identne prEN 12391-1:2003

**Chimneys - Execution standard for metal chimneys - Part 1: Chimneys for non-roomsealed heating appliances**

This European Standard specifies the method of specifying the design criteria and the installation method for building custom-built chimneys with rigid metal liners, for relining a chimney with rigid or flexible metal liners and for single wall system chimneys or multi-wall system chimneys with rigid metallic liners, used to convey the products of combustion from heating



appliances to the outside atmosphere. It also gives information on commissioning, cleaning and maintenance of an installed chimney

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**91.060.50**

**Uksed ja aknad**

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Doors and windows

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**UUED STANDARDID**

**EVS-EN 477:2003**

Hind 66,00

Identne EN 477:1995

**Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors - Determination of the resistance to impact of main profiles by falling mass**

This European Standard specifies a method for the determination of the resistance to impact by a falling mass at - 10 C° of unplasticized polyvinylchloride (PVC-U) main profiles for the fabrication of windows and doors for the assessment of the extrusion

**EVS-EN 478:2003**

Hind 66,00

Identne EN 478:1995

**Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors - Appearance after exposure at 150°C - Test method**

This European Standard specifies two methods for the determination of the effect of heat on unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors. The oven method is considered as the reference method

**EVS-EN 479:2003**

Hind 66,00

Identne EN 479:1995

**Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors - Determination of heat reversion**

This European Standard specifies a method for the determination of the heat reversion of unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors by a test at 100 °C in an oven

**EVS-EN 951:2003**

Hind 66,00

Identne EN 951:1998

**Door leaves - Method for measurement of height, width, thickness and squareness**

This European standard applies to all rectangular door leaves and the measurable parameters of doors of other shapes

**EVS-EN 12978:2003**

Hind 170,00

Identne EN 12978:2003

**Industrial, commercial and garage doors and gates - Safety devices for power operated doors and gates - Requirements and test methods**

This standard applies for design, construction and testing of sensitive protective devices where the device is used to detect pedestrians including in particular applications, slow moving elderly persons, slow moving disabled persons and children who may be exposed to injury by power operated doors, gates and barriers, electrically powered from a public supply and intended for installation in areas in the reach of persons, and for which the main intended uses are giving safe access for goods and vehicles accompanied or driven by persons in industrial, commercial, public or residential premises

**EVS-EN 12412-2:2003**

Hind 190,00

Identne EN 12412-2:2003

**Thermal performance of windows, doors and shutters - Determination of thermal transmittance by hot box method - Part 2: Frames**

This European Standard specifies a method, based on EN ISO 8990 and EN ISO 12567-1, to measure the thermal transmittance of frame and sash components of windows and doors, including mullions and transoms. The thermal bridging effect of window or door components (handles, hinges, closing devices, etc.) is included

**EVS-EN 12412-4:2003**

Hind 179,00

Identne EN 12412-4:2003

**Thermal performance of windows, doors and shutters - Determination of thermal transmittance by hot box method - Part 4: Roller shutter boxes**

This European Standard specifies a method, based on EN ISO 8990 and EN ISO 12567-1, to measure the overall thermal transmittance of a roller shutter box in a hot box. This includes all effects of geometrical and material characteristics in a test specimen

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 24193

Tähtaeg: 2003-10-01

Identne prEN 12217:2003

**Doors - Operating forces - Requirements and classification**

This European Standard is applicable to hinged/pivoted and sliding doorsets with latches, for pedestrian use. It defines the classification of the test results for the forces to open/close doors and to engage/release and lock/unlock the hardware using a key or handle, after testing in accordance with EN 12046-2

prEVS 56805

Tähtaeg: 2003-11-01

Identne IEC 60335-2-97:2002

ja identne prEN 60335-2-97:2003

**Household and similar electrical appliances - Safety - Part 2-97: Particular requirements for drives for rolling shutters, awnings, blinds and similar equipment**

Deals with the safety of electric drives for rolling equipment such as shutters, blinds, and awnings, intended for household and similar purposes, their rated voltage being not more than 250 V for single-phase and 480 V for other appliances. Examples of rolling equipment that can be driven are awnings; blinds; grilles; projection screens; shutters for doors and windows. Drives for equipment with a spring-controlled driven part, such as a folding arm awning, are also within the scope of this standard

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**91.080.10**

**Metallkonstruktsioonid**

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Metal structures

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**UUED STANDARDID**

**EVS 1090-2:2003**

Hind 190,00

Identne EVS 1090-2:2003

**Teraskonstruktsioonide valmistamine. Osa 2:**

**Lisanõuded külmpanutatud profiilidele ja profiilplekile**

Käesolevat standardit EVS 1090-2 tuleb käsitleda standardis EVS 1090-1 antud eeskirju täiendava osana. Standardi EVS 1090 käesolevas osas tuuakse EVS 1993-1-3 kohaselt I või II klassi kuuluvate teraskonstruksioonide õhukeste külmpainutatud profiilidest elementide valmistamise ja profiilpleki kasutamise erinõuded.

#### **EVS 1090-3:2003**

Hind 109,00

Identne EVS 1090-3:2003

#### **Teraskonstruksioonide valmistamine. Osa 3:**

##### **Lisanõuded kõrgtugevast**

##### **terasest konstruksioonidele**

Käesolevat standardit EVS 1090-3 tuleb käsitleda standardis EVS 1090-1 antud eeskirju täiendava osana. Käesolevas standardis EVS 1090-3 tuuakse lisanõuded kõrgtugevatest terastest S420 ja S460 konstruksioonide valmistamisele ja montaažile.

#### **EVS 1090-4:2003**

Hind 139,00

Identne EVS 1090-4:2003

#### **Teraskonstruksioonide valmistamine. Osa 4:**

##### **Lisanõuded toruprofiilidest konstruksioonidele**

Standardis EVS 1090-4 antavad lisajuhised laiendavad standardi EVS 1090-1 kasutusvaldkonda ka: - ühte või mitmesse tasapinda paigaldatud sõrestikele; - osaliselt või täielikult ümar- või nelikanttorudest valmistatud sõrestikele. Standard EVS 1090-4 on kooskõlas EVS 1993-1-1 lisas K (ja ENV 1993-1-1 lisas K) toodud sõrestike sõlmede ja liidete projekteerimisnõuetega.

#### **EVS 1993-4-2:2003**

Hind 199,00

Identne EVS 1993-4-2:2003

#### **Teraskonstruksioonid. Osa 4-2: Vedelikumahutid**

EVS 1993-4-2 rakendub maapealsetele püstsilindrilistele terasmahutitele, mis on ette nähtud järgmiste parameetritega vedelike salvestamiseks: a) mahuti siserõhk on piirides -100 mbar kuni +500 mbar; b) metalli projekttemperatuur on vahemikus -196 °C kuni +300 °C; c) maksimaalne vedelikunivoo pole kõrgem kui projekteeritava mahuti korpuse ülaser. EVS 1993-4-2 puudutab ainult terasmahutite tugevust ja stabiilsust. Teiste nõuete (näiteks ohutuse,

valmistamise, montaaži ja katsetamise, funktsionaalsete nõuete, sissepääsuavade, flanõide, täiteseadmete jms) osas tuleb juhinduda Euroopa standardi kavandist prEN 14015-1. Seismilise projekteerimise erinõuete eeskirjad on antud Euroopa eelstandardis ENV 1998-4 "Eurocode 8: Design of structures for earthquake resistance - Part 4: Silos, tanks, and pipelines", mis täiendab või kohaldab ENV 1993 ja EVS 1993 eeskirju selles osas.

Raudbetoonvundamente terasmahutite jaoks käsitlevad EVS 1992 ja EVS 1997.

Vedelikumahutite koormuste määramise eeskirjad on toodud käesoleva standardi lisas. Käesolev standard ei kata: - ujuvkatuseid ja -katteid, - vastupanu tulekahjule (vt EVS 1993-1-2).

#### **91.080.20**

### **Puitkonstruksioonid**

#### **Timber structures**

### **UUED STANDARDID**

#### **EVS 1995-2:2003**

Hind 179,00

Identne EVS 1995-2:2003

#### **Puitkonstruksioonid. Osa 2: Puitsillad**

Käesolev standard käsitleb sildade põhikonstruksioonide projekteerimist, mis on tehtud puidust ja teistest puidul põhinevatest materjalidest, monoliitsena või betooni, terase või muu materjali komposiitkonstruksioonina kasutamisel.

#### **EVS-EN 912:2003**

Hind 170,00

Identne EN 912:1999 + AC:2000

#### **Timber fasteners - Specifications for connectors for timber**

This standard defines the dimensions and the materials of certain well-established connectors for use in joints between members in loadbearing timber structures

### **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 56678

Tähtaeg: 2003-10-01

Identne prEN 14732-1:2003

#### **Timber structures - Prefabricated wall, floor and roof elements - Part 1: Product requirements**

This standard specifies requirements to wood-based semi-rigidly and rigidly built-up, prefabricated wall, floor and roof elements for use in load bearing structures. It also provides for the evaluation of conformity to this standard

#### **91.080.30**

### **Kivikonstruksioonid**

#### **Masonry**

### **UUED STANDARDID**

#### **EVS-EN 845-2:2003**

Hind 179,00

Identne EN 845-2:2003

#### **Specification for ancillary components for masonry - Part 2: Lintels**

This European Standard specifies requirements for prefabricated lintels for spans over clear openings in a masonry wall up to a maximum of 4,5 m and made from steel, autoclaved aerated concrete, manufactured stone, concrete, fired clay units, calcium silicate units, natural stone units, or using a combination of these materials

#### **91.080.40**

### **Betoonkonstruksioonid**

#### **Concrete structures**

### **UUED STANDARDID**

#### **EVS-EN 13062:2003**

Hind 75,00

Identne EN 13062:2003

#### **Products and systems for the protection and repair of concrete structure - Test method - Determination of thixotropy of products for protection of reinforcement**

This European Standard specifies a method for determining the thixotropy of products and systems intended for the protection of reinforcement

#### **EVS-EN 12618-1:2003**

Hind 109,00

Identne EN 12618-1:2003

#### **Products and systems for the protection and repair of concrete structures - Test methods - Part 1: Adhesion and elongation capacity of injection products with limited ductility**

This part of this European Standard describes the reference procedure for determining the adhesive bond capacity and elongation capacity of injection products, intended for ductile filling of cracks and cavities

### **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 24931

Tähtaeg: 2003-10-01

Identne prEN 1771:2003

#### **Products and systems for the protection and repair of concrete structures - Test methods - Determination of injectability and splitting test**

This European Standard specifies a method for determining the injectability of a product in a capillary network and its adhesion to concrete by measurement of the splitting strength of cylindrical mortar samples resulting from a sand column injection

prEVS 31639

Tähtaeg: 2003-10-01

Identne prEN 12637-1:2003

#### **Products and systems for the protection and repair of concrete structures - Test methods - Compatibility of injection products - Part 1: Compatibility with concrete**

This Part of this European Standard describes the method for determining the compatibility with concrete of polyurethane injection products, or other elastic injection products likely to be sensitive to the effects of the alkalis in concrete. This standard describes the reference procedure

prEVS 31640

Tähtaeg: 2003-10-01

Identne prEN 12617-2:2003

#### **Products and systems for the protection and repair of concrete structures - Test methods - Part 2: Shrinkage of crack injection products based on polymer binder : volumetric shrinkage**

This Standard describes a method for determining the volumetric shrinkage of products formulated with thermosetting polymer binders, mainly epoxy and polyester binders, that cure at ambient temperature or below. This method is adapted for crack injection products formulated with polymer thermosetting binder

prEVS 31643

Tähtaeg: 2003-10-01

Identne prEN 12618-2:2003

#### **Products and systems for the protection and repair of concrete structures - Test methods - Part 2: Determination of the adhesion of injection products, with or without thermal cycling - Adhesion by tensile bond strength**

This Part of this European Standard describes a test method to determine the adhesion to hydraulic concrete of injection products. The test can be applied to polymer and cementitious injection products

prEVS 39337

Tähtaeg: 2003-11-01

Identne prEN 13391:2003

#### **Mechanical tests for post-tensioning systems**

This European Standard specifies the test procedures for the anchorages and couplings of post-tensioning systems. This standard is to be used in conjunction with the relevant European Standards ENV 1992-1-1 and ENV 1992-2 and others for pertaining to prestressed concrete structures

prEVS 56686

Tähtaeg: 2003-10-01

Identne prEN 12618-3:2003

#### **Products and systems for the protection and repair of concrete structures - Test methods - Part 3: Determination of the adhesion of injection products, with or without thermal cycling - Slant shear method**

This Part of this European Standard describes the method for determining the slant shear bond strength of all injection products intended to restore the integrity of cracked concrete and covered by

prEN 1504-5

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### **91.090**

#### **Väliskonstruktsioonid**

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#### **External structures**

### **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 56804

Tähtaeg: 2003-11-01

Identne IEC 60335-2-95:2002

ja identne prEN 60335-2-95:2003

#### **Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use**

Deals with the safety of electric drives for garage doors for residential use that open and close in a vertical direction, the rated voltage of the drives being not more than 250 V for single-phase and 480 V for other appliances. The hazards associated with the movement of these electrically driven garage doors is included

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### **91.100.10**

#### **Tsement. Kips. Lubi. Mört**

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Cement. Gypsum. Lime. Mortar

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#### **UUED STANDARDID**

**EVS-EN 13892-5:2003**

Hind 92,00

Identne EN 13892-5:2003

#### **Methods of test for screed materials - Part 5: Determination of wear resistance to rolling wheel of screed material for wearing layer**

This European Standard specifies a method for determining the wear resistance to a heavily loaded rolling wheel on moulded mortar specimens made from cementitious screed- and synthetic resin screed material or optionally for other screed materials for wearing surface

**EVS-EN 13892-7:2003**

Hind 83,00

Identne EN 13892-7:2003

#### **Methods of test for screed materials - Part 7: Determination of wear resistance to rolling wheel of screed material with floor coverings**

This European Standard specifies a method for determining the resistance to a loaded rolling wheel on moulded mortar specimens made from cementitious screed- calcium sulfate screed-, asphalt screed-, magnesite screed-, and synthetic resin screed material with a floor covering

### **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 56672

Tähtaeg: 2003-10-01

Identne EN 1015-3:1999/

prA1:2003

#### **Methods of test for mortar for masonry - Part 3: Determination of consistence of fresh mortar (by flow table)**

This European Standard specifies a method for determining the consistence of freshly mixed mortars (in the following briefly referred to as fresh mortars) including those containing mineral binders and both normal weight and lightweight aggregates, which is by means of the flow value

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### 91.100.15

#### Mineraalsed materjalid ja tooted

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Mineral materials and products

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#### KAVANDITE ARVAMUSKÜSITLUS

prEVS 56673

Tähtaeg: 2003-10-01

Identne EN 772-11:2000/

prA1:2003

**Methods of test for masonry units - Part 11: Determination of water absorption of aggregate concrete, manufactured stone and natural stone masonry units due to capillary action and the initial rate of water absorption of clay masonry units**

This Standard specifies a method of determining the water absorption coefficient due to capillary action for aggregate concrete, natural stone and manufactured stone masonry units and the initial rate of water absorption for clay masonry units.

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### 91.100.20

#### Mineraalsed ja keraamilised materjalid ja tooted

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Mineral and ceramic materials and products

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#### KAVANDITE ARVAMUSKÜSITLUS

prEVS 56738

Tähtaeg: 2003-11-01

Identne prEN 1304:2003

**Clay roofing tiles and fittings - Product definitions and specifications**

This European Standard specifies requirements for clay roofing tiles and fittings for pitched roof coverings and wall cladding and lining. It applies to all tiles and fittings as defined in 4.1. Clay roofing tiles and clay fittings which conform to this standard are

suitable for use as roof coverings, vertical wall cladding and lining

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### 91.100.25

#### Keraamilised ehitustooted

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Ceramic building products

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#### UUED STANDARDID

EVS-EN 87:2003

Hind 66,00

Identne EN 87:1991

**Ceramic floor and wall tiles; definitions, classification, characteristics and marking**

This European Standard gives definitions, classification, characteristics and marking requirements for ceramic tiles generally used floor and wall surfaces

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### 91.100.30

#### Betoon ja betoontooted

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Concrete and concrete products

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#### UUED STANDARDID

EVS-EN 1857:2003

Hind 199,00

Identne EN 1857:2003

**Chimneys - Components - Concrete flue liners**

This European Standard specifies the material, dimensional and performance requirements, including methods of test, for factory-made concrete flue liners and fittings for the construction of multi-wall chimneys

EVS-EN 1858:2003

Hind 212,00

Identne EN 1858:2003

**Chimneys - Components - Concrete flue blocks**

This European Standard specifies the materials, dimensional and performance requirements for concrete flue blocks as defined in clause 3 for use in system chimneys. The flue blocks may be of single wall or multi wall construction. The standard does not apply to blocks with back ventilation

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#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56673

Tähtaeg: 2003-10-01

Identne EN 772-

11:2000/prA1:2003

**Methods of test for masonry units - Part 11: Determination of water absorption of aggregate concrete, manufactured stone and natural stone masonry units due to capillary action and the initial rate of water absorption of clay masonry units**

This Standard specifies a method of determining the water absorption coefficient due to capillary action for aggregate concrete, natural stone and manufactured stone masonry units and the initial rate of water absorption for clay masonry units. prEVS 56737

Tähtaeg: 2003-11-01

Identne prEN 14488-6:2003

**Testing sprayed concrete - Part 6: Thickness of concrete on a substrate**

This standard describes a method for judging the thickness of sprayed hardened concrete on a substrate. The results can also give an indication of the parallelism of the hardened concrete to the substrate. The substrate can be rock or a concrete surface

prEVS 56761

Tähtaeg: 2003-11-01

Identne prEN 13748-1:2003

**Terrazzo tiles - Part 1: Terrazzo tiles for internal use**

This European Standard specifies materials, properties and methods of testing for unreinforced cement-bound terrazzo tiles which are factory made and sold ready to be placed. The tiles are intended for internal use

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### 91.100.40

#### Kiudsarrusega tsementtooted

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Products in fibre-reinforced cement

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#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56811

Tähtaeg: 2003-11-01

Identne prEN 492:2003

**Fibre-cement slates and fittings - Product specification and test methods**

This standard specifies the technical requirements and establishes methods of control and test as well as acceptance conditions for fibre-cement slates and their fibre-cement fittings for one or more of the following uses:

- roofing, - internal wall finishes, - external wall and ceiling finishes  
prEVS 56812

Tähtaeg: 2003-11-01

Identne prEN 494:2003

**Fibre-cement profiled sheets and fittings - Product specification and test methods**

This standard specifies the technical requirements and establishes methods of control and test as well as acceptance conditions for fibre-cement profiled sheets and their fibre-cement fittings for one or more of the following uses: - roofing, - internal wall finishes, - external wall and ceiling finishes

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## 91.120

### Hoonete sise- ja välisohutus

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Protection of and in buildings

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#### UUED STANDARDID

EVS 839:2003

Hind 83,00

Identne EVS 839:2003

#### Sisekliima

Käesolev Eesti standard sisaldab hoonete sisekliima parameetritele ja tingimustele esitatavaid nõudeid, mis on määratud elu- ja avalike hoonete projekteerimisel, ekspuaterimisel ja ekspertiiside tegemisel kasutamiseks.

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## 91.120.10

### Soojusisolatsioon

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Thermal insulation

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#### UUED STANDARDID

EVS-EN 12412-2:2003

Hind 190,00

Identne EN 12412-2:2003

**Thermal performance of windows, doors and shutters - Determination of thermal transmittance by hot box method - Part 2: Frames**

This European Standard specifies a method, based on EN ISO 8990 and EN ISO 12567-1, to measure the thermal transmittance of frame and sash components of windows and doors, including mullions and transoms. The thermal bridging effect of window or door components (handles, hinges, closing devices, etc.) is included

EVS-EN 13363-1:2003

Hind 92,00

Identne EN 13363-1:2003

**Solar protection devices combined with glazing - Calculation of solar and light transmittance - Part 1: Simplified method**

This European Standard specifies a simplified method based on the thermal transmittance and total solar energy transmittance of the glazing and on the light transmittance and reflectance of the solar protection device to estimate the total solar energy transmittance of a solar protection device combined with glazing

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## 91.120.20

### Akustika ehituses. Heliisolatsioon.

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Acoustics in building. Sound insulation

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#### UUED STANDARDID

EVS-EN ISO 717-2:2003

Hind 92,00

Identne ISO 717-2:1996

ja identne EN ISO 717-2:1996

**Acoustics - Rating of sound insulation in buildings and of building elements - Part 2: Impact sound insulation**

This part of ISO 717 A) defines single-number quantities for the impact sounds insulation in building and of floors; b) gives rules for determining these quantities from the results of measurements carried out in one - third-octave bands in accordance with ISO 140-6 and ISO 140-7 for field measurements only

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#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 37630

Tähtaeg: 2003-11-01

Identne ISO 15186-1:2000

ja identne EN ISO 15186-1:2003

**Acoustics - Measurement of sound insulation in buildings and of building elements using sound intensity - Part 1: Laboratory measurements**

This part of ISO 15186 specifies a sound intensity method to determine the sound reduction index and the element-normalized level difference of building elements

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## 91.140

### Hoonete tehnoseadmed

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Installations in buildings

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#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56740

Tähtaeg: 2003-11-01

Identne prEN 14743:2003

**Water equipment inside buildings - Softeners - Requirements for performance, safety and testing**

This European Standard applies to ion exchange softeners for drinking water installations inside buildings. It specifies requirements relating to the construction and mode of operation of softeners and describes relevant methods of testing. It only concerns units which are permanently connected to the mains supply

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## 91.140.10

### Keskküttesüsteemid

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Central heating systems

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#### UUED STANDARDID

EVS-EN 13739-1:2003

Hind 109,00

Identne EN 13739-1:2003

**Agricultural machinery - Solid fertilizer broadcasters and full width distributors - Environmental protection - Part 1: Requirements**

This European Standard specifies requirements for the environmental protection for design and construction of mounted, trailed and self-propelled full width solid fertilizer distributors and solid fertilizer broadcasters used in agriculture and horticulture. It also gives the requirements for the minimum content of the instruction handbook

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#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 56704

Tähtaeg: 2003-10-01

Identne EN 297:1994/prA4:2003

**Gaas-keskküttekadlad. B11 ja B11BS tüüpi kadlad, millel on atmosfääriõhul töötavad põletid nominaalsoojussisendiga mitte üle 70 kW**

Type B boilers which can give rise to condensation in certain circumstances (excluding condensing boilers).

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**91.140.30****Ventilatsiooni- ja kliimasüsteemid**

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Ventilation and air-conditioning systems

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**UUED STANDARDID****EVS-EN 12237:2003**

Hind 92,00

Identne EN 12237:2003

**Ventilation for buildings - Ductwork - Strength and leakage of circular sheet metal ducts**

This European Standard specifies requirements and test methods for strength and air leakage of circular ductwork used in air conditioning and ventilation systems in buildings. The standard is intended to establish the mechanical strength and leakage required to verify the fitness for the intended service as installed ductwork

**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 39405

Tähtaeg: 2003-11-01

Identne prEN 13465:2003

**Ventilation for buildings - Calculation methods for the determination of air flow rates in dwellings**

This European Standard specifies methods to calculate basic whole house air flow rates for single family houses and individual apartments up to the size of approximately 1 000 m<sup>3</sup>. This European Standard may be used for applications such as energy loss calculations, heat load calculations and indoor air quality evaluations

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**91.140.50****Elektrivarustussüsteemid**

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Electricity supply systems

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**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 29763

Tähtaeg: 2003-10-01

Identne IEC 60364-7-711:1998

ja identne HD 384.7.711 S1:2003

**Electrical installations of buildings - Part 7-711:****Requirements for special installations or locations - Exhibitions, shows and stands**

Gives requirements applying to the temporary electrical installations in exhibitions, shows and stands (including mobile and portable displays and equipment) to protect users

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**91.140.60****Veevarustussüsteemid**

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Water supply systems

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**UUED STANDARDID****EVS 835:2003**

Hind 229,00

Identne EVS 835:2003

**Kinnistu veevärgi projekteerimine**

Käesolev standard kehtib kinnistute veevõrkudele, mis on ühendatud linna või asula ühisveevõrgiga või kohaliku veevarustusallikaga. Kinnistu veevärgi all mõistetakse hoonesisest külma- ja soojaveetorustikku koos toruarmatuuriga, veevarustusseadmeid ja maa-alust veetoru kinnistu piires ning sellest väljapoole kuni peakraanini. Standardi nõudeid tuleb täita nii uue kinnistu veevärgi projekteerimisel, paigaldamisel, katsetamisel kui ka olemasolevate veevõrkude remondil ja ümberehitusel.

**EVS 847-1:2003**

Hind 101,00

Identne EVS 847-1:2003

**Ühisveevõrk. Osa 1: Veehaarded**  
Standard kehtib ühis- või eraveevõrgi veehaardetele ning on ette nähtud kasutamiseks veevärgi veeallika valikul, veehaarde tüübi ja asukoha valikul, veehaarde põhisõlmede projekteerimisel ja seadmete valikul ning veeallika ja veehaarde sanitaarkaitsealade projekteerimisel.

**EVS 847-2:2003**

Hind 109,00

Identne EVS 847-2:2003

**Ühisveevõrk. Osa 2:****Veepuhastus**

Standard kehtib ühis- või eraveevõrgi veekäitlusele ning on ette nähtud kasutamiseks veevärgi puhastusseadmete tüübi ja asukoha valikul, puhastusseadmete põhisõlmede projekteerimisel ja ehitusel. Standardi lisa B sisaldab soovituslikku abimaterjali projekteerijale.

**EVS 847-3:2003**

Hind 179,00

Identne EVS 847-3:2003

**Ühisveevõrk. Osa 3: Veevärgi projekteerimine**

Standard kehtib ühisveevõrgile, sõltumata selle omandivormist ning, on ette nähtud kasutada ühisveevõrgi, sealhulgas pumplate ja veereservuaaride projekteerimisel, veetorustiku dimensioonimisel ja pumpade ning teiste abiseadmete valimisel. Standard on kasutatav nii uue ühisveevõrgi rajamisel kui olemasoleva laiendamisel ja ümberehitamisel. Standardi lisad sisaldavad informatiivset, soovituslikku abimaterjali projekteerijale.

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**91.140.65****Veesoendussüsteemid**

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Water heating equipment

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**UUED STANDARDID****EVS-EN 60335-2-21:2003**

Hind 109,00

Identne IEC 60335-2-21:2002

ja identne EN 60335-2-21:2003

**Household and similar electrical appliances - Safety - Part 2-21: Particular requirements for storage water heaters**

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**91.140.70****Sanitaarseadmed**

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Sanitary installations

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**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 56664

Tähtaeg: 2003-10-01

Identne prEN 695:2003

**Kitchen sinks - Connecting dimensions**

This standard specifies the connecting dimensions for kitchen sinks for domestic purposes, regardless of the material used for their manufacture. This standard is applicable to kitchen sinks for use in residential (domestic) houses, guest houses and similar premises

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**91.140.80****Kanaliseatsioon**

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Drainage systems

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**UUED STANDARDID****EVS 846:2003**

Hind 190,00

Identne EVS 846:2003

### **Kinnistu kanalisatsioon**

Käesolev standard kehtib kinnistu kanalisatsioonile, mille kaudu reoveed suubuvad linna või asula ühiskanalisatsiooni või veekogusse. Kinnistu kanalisatsiooni all mõeldakse hoonesisest veeneeludega ühendatud kanalisatsioonitorustikku koos võimalike lisaseadmetega (sulgeseadmed, pumplad, puhastusavad) ja kinnistu piires asuvat õuekanalisatsiooni koos kaevude ja võimalike kohtpuhastitega. Standardis ei käsitleta tulekustutusveega seonduvat. Standardi nõudeid tuleb täita nii uue kinnistu kanalisatsiooni projekteerimisel, paigaldamisel, katsetamisel kui ka olemasolevate kanalisatsioonisüsteemide ümberehitamisel.

**EVS 848:2003**

Hind 190,00

Identne EVS 848:2003

### **Ühiskanalisatsioonivõrk**

Käesolev projekteerimisstandard kehtib hooneväliste isevoolsete kanalisatsiooni-võrkude kohta, s.o hoonekollektorist või sajuvee restkaevust kohani, kus vesi jõuab reoveepuhastisse või suublasse. Hoonealused torustikud ja kollektorid kuuluvad kanalisatsioonivõrgu hulka siis, kui nad ei ole osa kinnistukanalisatsioonist.

**EVS-EN 1253-1:2003**

Hind 109,00

Identne EN 1253-1:2003

### **Gullies for buildings - Part 1: Requirements**

This standard classifies gullies, gives guidance for places of installation and specifies requirements for the construction, design, performance and marking of factory made gullies for buildings, irrespective of material, for use in drainage systems operating under gravity including siphonic systems

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**91.140.90**

## **Liftid. Eskalaatorid**

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Lifts. Escalators

### **UUED STANDARDID**

**EVS-EN 81-28:2003**

Hind 109,00

Identne EN 81-28:2003

### **Safety rules for the construction and installation of lifts - Part 28: Remote alarms on passenger and goods passenger lifts**

This standard applies to alarm systems for all types of passenger and goods passenger lifts, in particular those covered in the EN 81 series of standards. This standard also deals with the minimum information given to the owner of the installation related to maintenance and rescue service

**EVS-EN 81-58:2003**

Hind 163,00

Identne EN 81-58:2003

### **Safety rules for the construction and installation of lifts - Examination and tests - Part 58: Landing doors fire resistance test**

This European Standard specifies the method of test for determining the fire resistance of lift landing doors which may be exposed to a fire from the landing side. The procedure applies to all types of lift landing doors used as a means of access to lifts in buildings and which are intended to provide a fire barrier to the spread of fire via the lift well

### **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 56669

Tähtaeg: 2003-10-01

Identne EN 81-1:1998/prA1:2003

### **Safety rules for the construction and installation of lifts - Part 1: Electric lifts**

This standard specifies the safety rules for the construction and installation of permanently installed new electric lifts, with traction or positive drive, serving defined landing levels, having a car designed for the transportation of persons or persons and goods, suspended by ropes or chains and moving between guide rails inclined not more than 15° to the vertical.

prEVS 56670

Tähtaeg: 2003-10-01

Identne EN 81-2:1998/prA1:2003

### **Safety rules for the construction and installation of lifts - Part 2: Hydraulic lifts**

This standard specifies the safety rules for the construction and installation of permanently installed hydraulic lifts serving defined landing levels, having a car designed for the transportation of persons or persons and goods,

suspended by jacks, ropes or chains and moving between guide rails inclined not more than 15° to the vertical.

prEVS 56671

Tähtaeg: 2003-10-01

Identne EN 115:1995/prA2:2003

### **Safety rules for the construction and installation of escalators and passenger conveyors**

This standard is applicable for all new escalators and passenger conveyors (pallet or belt type). Existing escalators and passenger conveyors are not subject to this standard. It is, however, recommended that they be adapted to this standard.

prEVS 56788

Tähtaeg: 2003-11-01

Identne EN 81-72:2003

### **Safety rules for the construction and installation of lifts -**

#### **Particular applications for passenger and goods passenger lifts - Part 72: Firefighters lifts**

This standard applies to firefighters lifts as defined in clause 3.5 equipped with a fire protected lobby. This standard is not applicable to: - double-deck lifts; - lifts installed in existing buildings; - important modification to existing lift installed before the publication of this standard; - dual entry lifts, where the protected firefighters lift protected lobbies are not located on the same side as that of the fire service access level. However, this standard may usefully be used as a basis

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**91.160.20**

## **Välisvalgustus**

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Exterior building lighting

### **UUED STANDARDID**

**EVS-EN 40-3-3:2003**

Hind 179,00

Identne EN 40-3-3:2003

### **Lighting columns - Part 3-3: Design and verification - Verification by calculation**

This European Standard specifies the requirements for the verification of the design of lighting columns by calculation. It applies to post top columns not exceeding 20 m height for post top lanterns and to lighting columns with brackets not exceeding 18 m height for side entry lanterns

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91.220

Ehitusseadmed

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Construction equipment

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**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 38909

Tähtaeg: 2003-10-01

Identne prEN 934-5:2003

**Admixtures for concrete, mortar and grout - Part 5: Admixtures for sprayed concrete - Definitions, requirements and conformity**

This draft European Standard defines and specifies requirements and conformity for admixtures for use in sprayed concrete

prEVS 56755

Tähtaeg: 2003-11-01

Identne prEN 12629-7:2003

**Machines for the manufacture of constructional products from concrete and calcium-silicate - Safety - Part 7: Stationary and mobile equipment for the benched manufacture of prestressed products**

This European Standard is intended to be used together with EN 12629-1:2000 Machines for the manufacture of constructional products from concrete and calcium-silicate Safety Part 1: Common requirements", which specifies general requirements of machines for the manufacture of constructional products from concrete and calcium-silicate

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93.030

**Kanalisatsiooni välisvõrgud**

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External sewage systems

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**UUED STANDARDID**

**EVS-EN 13508-2:2003**

Hind 316,00

Identne EN 13508-2:2003

**Conditions of drain and sewer systems outside buildings - Part 2: Visual inspection coding system**

This European Standard is applicable to the establishment of the condition of drain and sewer systems by inspection, status codification and consideration of external factors and other information.

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93.040

Sillaehitus

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Bridge construction

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**UUED STANDARDID**

**EVS 1995-2:2003**

Hind 179,00

Identne EVS 1995-2:2003

**Puitkonstruktsioonid. Osa 2: Puitsillad**

Käesolev standard käsitleb sildade põhikonstruktsioonide projekteerimist, mis on tehtud puidust ja teistest puidul põhinevatest materjalidest, monoliitsena või betooni, terase või muu materjali komposiitkonstruktsioonina kasutamisel.

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93.080.20

**Teedeehitusmaterjalid**

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Road construction materials

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**UUED STANDARDID**

**EVS-EN 12272-2:2003**

Hind 109,00

Identne EN 12272-2:2003

**Surface dressing - Test methods - Part 2: Visual assessment of defects**

This European Standard is applicable to all surface dressings (roads, airfields and other trafficked areas) and specifies qualitative and quantitative methods of the visual assessment of defects of surface dressing. The results of the qualitative evaluation carried out by visual assessment when specified shall be reported in annex A. This is a rapid practical test and may be specified as the primary test so that if the results are obvious or are without any doubt the more time consuming quantitative test method may be avoided

**EVS-EN 13880-3:2003**

Hind 75,00

Identne EN 13880-3:2003

**Hot applied joint sealants - Test methods - Part 3: Determination of penetration and recovery (resilience)**

This European Standard specifies a procedure for the determination of the penetration and recovery (resilience) of hot applied joint sealants using a standard penetrometer fitted with a ball penetration tool.

**EVS-EN 13880-4:2003**

Hind 66,00

Identne EN 13880-4:2003

**Hot applied joint sealants - Part 4: Test method for the determination of heat resistance - Change in penetration value**  
This European Standard describes a method for determining the effects of storage at elevated temperatures on samples of hot applied joint sealants by comparing the cone penetration and resilience values before and after storage

**EVS-EN 13880-9:2003**

Hind 66,00

Identne EN 13880-9:2003

**Hot applied joint sealants - Part 9: Test method for the determination of compatibility with asphalt pavements**

Hot applied joint sealants - Part 9: Test method for the determination of compatibility with asphalt pavements

**EVS-EN 14187-1:2003**

Hind 75,00

Identne EN 14187-1:2003

**Cold applied joint sealants - Test methods - Part 1: Determination of the rate of cure**

This European Standard applies to the determination of the rate of cure of cold applied joint sealants expressed by the built up of the tensile properties during the cure

**EVS-EN 14187-2:2003**

Hind 66,00

Identne EN 14187-2:2003

**Cold applied joint sealants - Part 2: Test method for the determination of tack free time**

This European Standard describes a test method for determining the tack free time of the cold applied joint sealant for use in joints in roads, air fields and other exposed concrete pavements

**EVS-EN 14187-3:2003**

Hind 66,00

Identne EN 14187-3:2003

**Cold applied joint sealants - Part 3: Test method for the determination of self-levelling properties**

This European Standard specifies a test method for determination of the self-levelling properties for cold applied joint sealants for use in joints in roads, air fields and other exposed concrete pavements

**EVS-EN 14187-4:2003**

Hind 83,00

Identne EN 14187-4:2003



**Cold applied joint sealants - Part 4: Test method for the determination of the change in mass and volume after immersion in test fuel**

This European Standard describes a test method of the evaluation of the resistance of cold applied joint sealants to the action of liquid chemicals by measuring the change in mass and volume after immersion in liquid chemicals

**EVS-EN 14187-5:2003**

Hind 66,00

Identne EN 14187-5:2003

**Cold applied joint sealants - Part 5: Test method for the determination of the resistance to hydrolysis**

This European Standard describes a test method for determining the resistance to hydrolysis of cold applied joint sealants after treatment at elevated temperature and high humidity

**EVS-EN 14187-6:2003**

Hind 83,00

Identne EN 14187-6:2003

**Cold applied joint sealants - Part 6: Test method for the determination of the adhesion/cohesion properties after immersion in chemical liquids**

This European Standard applies to the determination of the adhesion/cohesion properties after immersion in test fuel

**EVS-EN 14187-7:2003**

Hind 75,00

Identne EN 14187-7:2003

**Cold applied joint sealants - Part 7: Test method for the determination of the resistance to flame**

This European Standard specifies a test method for determination of the resistance to flame of cold applied joint sealants for use in joints in roads, air fields and other exposed concrete pavements

**EVS-EN 14187-8:2003**

Hind 75,00

Identne EN 14187-8:2003

**Cold applied joint sealants - Part 8: Test method for the determination of the artificial weathering by UV-irradiation**

This European Standard describes a test method for evaluating the resistance of cold applied joint sealants to the action of UV-light by determination of the change of physical properties after irradiation by artificial UV-light

**EVS-EN 12697-23:2003**

Hind 92,00

Identne EN 12697-23:2003

**Bituminous mixtures - Test methods for hot mix asphalt - Part 23: Determination of the indirect tensile strength of bituminous specimens**

This European Standard specifies a test method for determining the (splitting) indirect tensile strength of cylindrical specimens of bituminous mixtures

**EVS-EN 13880-11:2003**

Hind 66,00

Identne EN 13880-11:2003

**Hot applied joint sealants - Part 11: Test method for the preparation of asphalt test blocks used in the function test and for the determination of compatibility with asphalt pavements**

This European Standard describes a method for preparing asphalt blocks intended for testing of joint sealants according to prEN 13880-7 and prEN 13880-9

**EVS-EN 1423:1999/A1:2003**

Hind 139,00

Identne EN 1423:1997/A1:2003

**Road marking materials - Drop on materials - Glass beads, antiskid aggregates and mixtures of the two**

This European Standard lists commercial hardwood and softwood timbers used in Europe

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56667

Tähtaeg: 2003-10-01

Identne prEN 13108-4:2003

**Bituminous mixtures - Material specification - Part 4: Hot rolled asphalt**

This European Standard specifies requirements for mixtures of the mix group hot rolled asphalt. It also deals with the method for the selection of the constituent materials

prEVS 56674

Tähtaeg: 2003-10-01

Identne prEN 13880-6:2003

**Hot applied joint sealants - Part 6: Test method for the preparation of samples for testing**

This European Standard describes test methods for the preparation of samples for testing hot applied joint sealants for use in joints in roads, airfields and other concrete pavements

prEVS 56759

Tähtaeg: 2003-11-01

Identne prEN 12697-33:2003

**Bituminous mixtures - Test methods for hot mix asphalt - Part 33: Specimen prepared by roller compactor**

This European Standard specifies the methods for compacting parallelepipedal specimens (slabs) of bituminous mixtures, to be used directly for subsequent testing, or from which test specimens are cut

prEVS 56760

Tähtaeg: 2003-11-01

Identne prEN 13286-47:2003

**Unbound and hydraulically bound mixtures - Part 47: Test method for the determination of California bearing ratio, immediate bearing index and linear swelling**

This European Standard specifies the test methods for the laboratory determination of the California bearing ratio and immediate bearing index. The tests are appropriate to that part of the mixture up to a maximum particle size of 22,4 mm

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97

**OLME.  
MEELELAHUTUS.  
SPORT**

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**DOMESTIC AND  
COMMERCIAL  
EQUIPMENT.  
ENTERTAINMENT.  
SPORTS**

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**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 56800

Tähtaeg: 2003-11-01

Identne prEN 50416:2003

**Safety of household and similar electrical appliances - Particular requirements for commercial electric conveyor dishwashing machines**

This clause of EN 60335-1 is replaced by the following. This Standard deals with the safety of electrically operated conveyor dishwashing machines for washing plates, dishes, glassware, cutlery and similar articles, with or without means for water heating or drying, not intended for household use, their rated voltage being not more than 250 V for singlephase appliances connected between one

phase and neutral and 480 V for other appliances

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97.030

**Elektrilised kodumasinad**

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Domestic electrical appliances in general

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**UUED STANDARDID**

**EVS-EN 60335-2-101:2003**

Hind 109,00

Identne IEC 60335-2-101:2002

ja identne EN 60335-2-101:2003

**Household and similar electrical appliances - Safety - Part 2-101: Particular requirements for vaporizers**

Deals with the safety of electric vaporizers for household and similar purposes, their rated voltage being not more than 250 V

**EVS-EN 60335-2-49:2003**

Hind 101,00

Identne IEC 60335-2-49:2002

ja identne EN 60335-2-49:2003

**Household and similar electrical appliances - Safety - Part 2-49: Particular requirements for commercial electric hot cupboards**

Deals with the safety of electrically operated commercial hot cupboards not intended for household use. The rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral, and 480 V for other appliances. Hot cupboards with heated tops, heated display cases, heated crockery dispensers and heated shelves and tables are also within the scope of this standard. The appliances within the scope of this standard are typically used in restaurants, canteens, hospitals and similar commercial enterprises. The electrical part of appliances making use of other forms of energy is also within the scope of this standard

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97.040.10

**Köögimööbel**

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Kitchen furniture

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**UUED STANDARDID**

**EVS-EN 60335-2-62:2003**

Hind 92,00

Identne IEC 60335-2-62:2002

ja identne EN 60335-2-62:2003

**Household and similar electrical appliances - Safety - Part 2-62: Particular requirements for commercial electric rinsing sinks**

Deals with the safety of electrically operated commercial rinsing sinks not intended for household use. The rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral, and 480 V for other appliances. Appliances within the scope of this standard are typically used in restaurants, canteens, hospitals and commercial enterprises such as bakeries, butcheries, etc. The electrical part of appliances making use of other forms of energy is also within the scope of this standard

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97.040.20

**Pliidid, töölaud, ahjud jms**

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Cooking ranges, working tables, ovens and similar appliances

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**UUED STANDARDID**

**EVS-EN 60335-2-6:2003**

Hind 130,00

Identne IEC 60335-2-6:2002

ja identne EN 60335-2-6:2003

**Household and similar electrical appliances - Safety - Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances**

Applicable to the safety of stationary electric cooking ranges, hobs, ovens and similar appliances, their rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral, and 480 V for other appliances

**EVS-EN 60335-2-15:2003**

Hind 101,00

Identne IEC 60335-2-15:2002

ja identne EN 60335-2-15:2003

**Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids**

Applicable to the safety of electrical appliances for heating liquids for household and similar purposes, their rated voltage being not more than 250 V

**EVS-EN 60335-2-25:2003**

Hind 163,00

Identne IEC 60335-2-25:2002

ja identne EN 60335-2-25:2003

**Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens**

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

**EVS-EN 60335-2-90:2003**

Hind 155,00

Identne IEC 60335-2-90:2002

ja identne EN 60335-2-90:2002

**Household and similar electrical appliances - Safety Part 2-90: Particular requirements for commercial microwave ovens**

Deals with the safety of commercial microwave ovens. These ovens incorporate a door for user access to the cavity. The rated voltage is less than 250 V. for single phase appliances and 480 V. for other appliances. The oven may be built into a vending machine (see also IEC 60335-2-75). The oven may also incorporate conventional heating means (see also IEC 60335-2-36 and IEC 60335-2-42). For household microwave ovens, see IEC 60335-2-25. For industrial microwave heating equipment, see IEC 60519-6. For appliances for medical purposes, see IEC 60601

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97.040.30

**Olmekülmikud**

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Domestic refrigerating appliances

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**UUED STANDARDID**

**EVS-EN 60335-2-24:2003**

Hind 163,00

Identne IEC 60335-2-24:2002

ja identne EN 60335-2-24:2003

**Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers**

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

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**97.040.40**

**Nõudepesumasinad**

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**Dishwashers**

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**UUED STANDARDID**

**EVS-EN 50242:2002/A3:2003**

Hind 83,00

Identne EN 50242:1998/A3:2003

**Electric dishwashers for household use - Test methods for measuring the performance**

This standard is applicable to electric dishwashers for household use that are intended to be supplied with cold water and incorporate an electrical heating system. It is not applicable to dishwashers supplied with hot water or hot and cold water. It is applicable to dishwashers intended to be supplied by hot or cold water when supplied with cold water only. This standard is concerned neither with safety nor with performance requirements. Safety aspects for electric household dishwashers are dealt with by EN 60335-2-5.

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 56801

Tähtaeg: 2003-11-01

Identne IEC 60335-2-58:2002

ja identne prEN 60335-2-58:2003

**Household and similar electrical appliances - Safety - Part 2-58: Particular requirements for commercial electric dishwashing machines**

Deals with the safety of electrically operated dishwashing machines for washing plates, dishes, glassware, cutlery and similar articles, with or without means of heating water or drying, not intended for household use. The rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral and 480 V for other appliances. Appliances within the scope of this standard are used in restaurants, canteens, hospitals, and commercial enterprises such as bakeries, butcheries, etc. Examples of appliances within the scope of this standard are conveyor dishwashers; batch dishwashers and brush machines

prEVS 56819

Tähtaeg: 2003-11-01

Identne IEC 60335-2-5:2002 + corr:2003

ja identne EN 60335-2-5:2003

**Household and similar electrical appliances - Safety - Part 2-5: Particular requirements for dishwashers**

Deals with the safety of electric dishwashers. The rated voltage is less than 250 V for single-phase appliances and 480 V for other appliances. For commercial electric dishwashing machines, see IEC 60335-2-58

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**97.040.50**

**Köögi väikevahendid**

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**Small kitchen appliances**

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**UUED STANDARDID**

**EVS-EN 60335-2-12:2003**

Hind 83,00

Identne IEC 60335-2-12:2003

ja identne EN 60335-2-12:2003

**Safety of household and similar electrical appliances - Part 2-12: Particular requirements for warming plates and similar appliances**

Deals with the safety of electric warming plates, warming trays and similar appliances intended to keep food or vessels warm, for household and similar purposes, their rated voltage being not more than 250 V. Appliances intended to be used by laymen in shops, in light industry and on farms, are also within the scope of this standard.

**EVS-EN 60335-2-17:2003**

Hind 163,00

Identne IEC 60335-2-17:2002

ja identne EN 60335-2-17:2003

**Household and similar electrical appliances - Safety - Part 2-17: Particular requirements for blankets, pads and similar flexible heating appliances**

Deals with the safety of electric blankets, pads and other flexible appliances for heating the bed or human body, for household and similar purposes, their rated voltage being not more than 250 V. This standard also deals with the control units supplied with the appliance

**EVS-EN 60335-2-23:2003**

Hind 92,00

Identne IEC 60335-2-23:2003

ja identne EN 60335-2-23:2003

**Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for skin and hair care**

This standard deals with the safety of electric appliances for the care of skin or hair of persons or animals and intended for household and similar purposes, their rated voltage being not more than 250 V.

**EVS-EN 60335-2-50:2003**

Hind 101,00

Identne IEC 60335-2-50:2002

ja identne EN 60335-2-50:2003

**Household and similar electrical appliances - Safety - Part 2-50: Particular requirements for commercial electric bains-marie**

Deals with the safety of electrically operated commercial bains-marie not intended for household use. The rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral, and 480 V for other appliances. The appliances within the scope of this standard are typically used in restaurants, canteens, hospitals and similar commercial enterprises. The electrical part of appliances making use of other forms of energy is also within the scope of this standard

**EVS-EN 60442:2002/A1:2003**

Hind 66,00

Identne IEC 60442:1998/A1:2003

ja identne EN 60442:1998/A1:2003

**Electric toasters for household and similar purposes - Methods for measuring the performance**

Applies to electric toasters for household use. The purpose of this Standard is to state and define the main performance characteristics for toasters, which are of interest to the user, to describe the standard methods for measuring these characteristics and to give some guidelines for the evaluation of test results.

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 56820

Tähtaeg: 2003-11-01

Identne IEC 60335-2-9:2002

ja identne EN 60335-2-9:2003

**Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances**

Deals with the safety of electric portable appliances that have a cooking function, such as baking, roasting and grilling. Examples are barbecues for indoor use, contact grills, hotplates, food dehydrators, raclette grills, toasters and waffle irons. For stationary ovens and grills, see IEC 60335-2-6. For warming plates, see IEC 60335-2-12. For frying pans and deep fat fryers, see IEC 60335-2-13. For microwave ovens, see IEC 60335-2-25. For barbecues for outdoor use, see IEC 60335-2-78

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**97.060**

**Pesumajade sisseseade**

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**Laundry appliances**

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**UUED STANDARDID**

**EVS-EN 60335-2-4:2003**

Hind 126,00

Identne IEC 60335-2-4:2002

ja identne EN 60335-2-4:2002

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

Deals with the safety of electric spin extractors. It covers appliances with a capacity of less than 10 kg of dry cloth and a drum peripheral speed less than 50 m/s. The rated voltage is less than 250 V for single-phase appliances and 480 V for other appliances. It covers household use, and use by laymen in shops, in light industry and on farms

**EVS-EN 60335-2-11:2003**

Hind 101,00

Identne IEC 60335-2-11:2002

ja identne EN 60335-2-11:2003

**Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers**

Deals with the safety of electric tumble dryers intended for household and similar purposes. The rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard also applies to the drying function of washing machines having a drying cycle

**EVS-EN 60335-2-43:2003**

Hind 83,00

Identne IEC 60335-2-43:2002

ja identne EN 60335-2-43:2003

**Household and similar electrical appliances - Safety - Part 2-43: Particular requirements for clothes dryers and towel rails**

Deals with the safety of electric clothes dryers for drying textiles on racks located in a warm airflow and to electric towel rails, for household and similar purposes, their rated voltage being not more than 250 V. The clothes racks may be fixed or free-standing in a cabinet. The air circulation may be natural or forced. This standard does not apply to tumble dryers (refer to IEC 60335-2-11 for tumble dryers)

**EVS-EN 60335-2-44:2003**

Hind 92,00

Identne IEC 60335-2-44:2002

ja identne EN 60335-2-44:2002

**Household and similar electrical appliances - Safety - Part 2-44: Particular requirements for ironers**

Applicable to the safety of electric ironers, their rated voltage being not more than 250 V for single phase and 480 V for other appliances intended for household and similar purposes. Appliances intended to be used by laymen in shops, in light industry and on farms, are also within the scope of this standard

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 21404

Tähtaeg: 2003-11-01

Identne IEC 60704-2-6:2003

ja identne prEN 60704-2-6:2003

**Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-6: Particular requirements for tumble dryers**

Applies to the methods of determination of airborne acoustical noise emitted by tumble dryers for household and similar use. This standard applies to single unit electric tumble dryers intended for placing on the floor against a wall, for building in or placing under a counter, a kitchen work-top or under a sink, for wall-mounting or for mounting on a counter. For the purpose of this standard, washer-dryer combinations, when operated as a dryer, are considered as a tumble dryer

prEVS 56795

Tähtaeg: 2003-11-01

Identne IEC 60335-2-

11:2002/A1:2003

ja identne EN 60335-2-

11/prA1:2003

**Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers**

Deals with the safety of electric tumble dryers intended for household and similar purposes. The rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard also applies to the drying function of washing machines having a drying cycle

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**97.080**

**Põrandahooldusvahendid**

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**Floor treatment appliances**

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**UUED STANDARDID**

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

Hind 101,00

Identne IEC 60335-2-2:2002

ja identne EN 60335-2-2:2003

**Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances**

Deals with the safety of electric vacuum cleaners and water-suction cleaning appliances. It also applies to motorized cleaning heads and current-carrying hoses for vacuum cleaners. These are for household use, including vacuum cleaners for

animal grooming. The rated voltage is less than 250 V. This standard does not cover industrial appliances, nor special conditions such as explosive atmospheres

## **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 56698

Tähtaeg: 2003-10-01

Identne prEN 1829-1:2003

### **High pressure cleaners - High pressure water jet machines - Safety requirements - Part 1: General description**

This European Standard contains the safety-related requirements made for the intended use and the conditions foreseen by the manufacturer of high pressure cleaners and high pressure water jet machines with drives of different kinds (electric motor, internal combustion engine, air driven and hydraulic driven) in which pumps are used to generate pressure, together with any components and accessories. This European Standard takes into account the significant hazards appearing during the use of the machines described

## **97.100**

### **Kodu-, äri- ja tööstuskütteseadmed**

Domestic, commercial and industrial heating appliances

## **UUED STANDARDID**

EVS-EN 60335-2-53:2003

Hind 92,00

Identne IEC 60335-2-53:2002

ja identne EN 60335-2-53:2003

### **Household and similar electrical appliances - Safety - Part 2-53: Particular requirements for sauna heating appliances**

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

## **97.100.10**

### **Elektriga köetavad kütteseadmed**

Electric heaters

## **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 56821

Tähtaeg: 2003-11-01

Identne IEC 60335-2-30:2002

ja identne EN 60335-2-30:2003

### **Household and similar electrical appliances - Safety - Part 2-30: Particular**

#### **requirements for room heaters**

Applicable to the safety of electric room heaters, their rated voltage being not more than 250 V for single phase and 480 V for other appliances, for household and similar purposes. Appliances intended to be used by laymen in shops, in light industry and on farms, are also within the scope of this standard

## **97.100.20**

### **Gaasiga köetavad kütteseadmed**

Gas heaters

## **UUED STANDARDID**

EVS-EN 509:2000/A1:2003

Hind 101,00

Identne EN 509:1999/A1:2003

### **Decorative fuel- effect gas appliances**

This European Standard specifies the requirements and test methods for the construction, safety, and marking of decorative fuel effect gas appliances not exceeding a nominal heat input of 20 kW, (based on the net calorific value), thereafter referred to as appliances

## **97.130.20**

### **Tööstuskülmikud**

Commercial refrigerating appliances

## **UUED STANDARDID**

EVS-EN 60335-2-89:2003

Hind 179,00

Identne IEC 60335-2-89:2002

ja identne EN 60335-2-89:2003

### **Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor**

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

## **97.140**

### **Mööbel**

Furniture

## **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 56758

Tähtaeg: 2003-11-01

Identne prEN 1116:2003

### **Köögimööbel. Köögimööbli ja köögiseadmete funktsionaalsed mõõtmised**

This European Standard contains co-ordinating sizes for kitchen furniture including worktops as well as for kitchen appliances, sinks and decorative panels. For convenience, in this standard the terms "furniture" and "appliance" are used for "kitchen furniture" and "kitchen appliance"

## **97.145**

### **Redelid**

Ladders

## **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 56734

Tähtaeg: 2003-11-01

Identne prEN 131-2:2003

### **Redelid. Nõuded, katsetamine, märgistus**

This European standard specifies the general design features, requirements and test methods for ladders. It applies to portable ladders. It does not apply to ladders for specific professional use such as firebrigade ladders and mobile ladders. This European standard shall be read in conjunction with EN 131-1

prEVS 56735

Tähtaeg: 2003-11-01

Identne prEN 131-1:2003

**Redelid. Terminid, tüübid, funktsionaalmõõtmed**

This European Standard gives the definitions and general terms and determines the general design characteristics of ladders, which are of importance for safety, handling, and manufacturing of the ladders and of information for the user

prEVS 56736

Tähtaeg: 2003-11-01

Identne prEN 131-4:2003

**Ladders - Part 4: Single or multiple hinge-joint ladders**

This European Standard specifies the requirements, tests and marking of hinged combination ladders with one or several hinge joints, defined in clause 3. The safe work load is 150 kg. Single and multiple hinge-joint ladders are determined to be used by one person only

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97.150

**Mittetekstiilsed põrandakatted**

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**Non-textile floor coverings**

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**UUED STANDARDID**

CEN/TS 14472-1:2003

Hind 126,00

Identne CEN/TS 14472-1:2003  
**Resilient, textile and laminate floor coverings - Design, preparation and installation - Part 1: General**

This Technical Specification gives recommendations for the installation of resilient, textile and laminate floor coverings in new or existing buildings. It describes procedures in design, installation and maintenance which are in use throughout Europe for all floor covering materials and highlights the major differences that may exist in different national procedures

CEN/TS 14472-3:2003

Hind 101,00

Identne CEN/TS 14472-3:2003

**Resilient, textile and laminate floor coverings - Design, preparation and installation - Part 3: Laminate floor coverings**

This Technical Specification provides recommendations for the installation of laminate floor coverings. Generally laminate floor coverings are installed as floating floors but in some applications they can be integrally glued to the subfloor. This Technical Specification only details suitable methods for floating floor installation and advises on the selection of the materials required for their implementation

CEN/TS 14472-4:2003

Hind 109,00

Identne CEN/TS 14472-4:2003

**Resilient, textile and laminate floor coverings - Design, preparation and installation - Part 4: Resilient floor coverings**

This Technical Specification provides recommendations for the installation of resilient floor coverings. It covers products composed of polyvinyl chloride, linoleum, cork and rubber. It details suitable methods of installation and advises on the selection of the materials required for their implementation

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97.160

**Kodutekstiilid. Voodipesu**

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**Home textiles. Linen**

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**UUED STANDARDID**

EVS-EN 14533:2003

Hind 66,00

Identne EN 14533:2003

**Textiles and textile products - Burning behaviour of bedding items - Classification scheme**

This European standard specifies a classification scheme for the burning behaviour of bedding items based on two ignition sources (smouldering cigarette and small open flame). The classification is applied to single bedding items only and not to complete bed assemblies

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97.170

**Tualett-tarbed**

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**Body care equipment**

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**UUED STANDARDID**

EVS-EN 61855:2003

Hind 101,00

Identne IEC 61855:2003

ja identne EN 61855:2003

**Household electrical hair care appliances - Methods of measuring the performance**

Applies to electrical appliances (including accessories) for household and similar use for drying and styling hair.

Performance characteristics that are of interest to the user and specifies methods of measuring these characteristics are defined within this standard. The measuring procedures are developed for comparable tests.

Requirements for performance are not specified within this standard. This standard does not cover hair care appliances with radiant heating, helmet-type dryers or cutting devices

EVS-EN 60335-2-8:2003

Hind 83,00

Identne IEC 60335-2-8:2002

ja identne EN 60335-2-8:2003

**Household and similar electrical appliances - Safety - Part 2-8: Particular**

**requirements for shavers, hair clippers and similar appliances**

Deals with the safety of electric shavers, hair clippers and similar appliances, their rated voltage being not more than 250 V, intended for household and similar purposes. Examples of similar appliances are those used for manicure and pedicure. Appliances intended to be used by laymen in shops and on farms, are within the scope of this standard. Examples of such appliances are animal clippers, animal shearers and appliances for hairdressers

EVS-EN 60335-2-52:2003

Hind 101,00

Identne IEC 60335-2-52:2002

ja identne EN 60335-2-52:2003

**Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for oral hygiene appliances**

Deals with the safety of electric oral hygiene appliances for households and similar purposes, their rated voltage being not more than 250 V. Examples of appliances covered by this standard are oral irrigators and toothbrushes

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97.180

**Mitmesugused kodutarbed**

Miscellaneous domestic and commercial equipment

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**UUED STANDARDID**

**EVS-EN 60335-2-41:2003**

Hind 92,00

Identne IEC 60335-2-41:2002

ja identne EN 60335-2-41:2003

**Household and similar electrical appliances - Safety - Part 2-41: Particular requirements for pumps**

Deals with the safety of electric pumps for liquids having a temperature not exceeding 90 deg C, with a rated voltage of not more than 250 V for single-phase and 480 V for other appliances.

Examples of appliances within the scope of this standard are aquarium pumps; pumps for garden ponds; sludge pumps; submersible pumps; table fountain pumps; vertical wet pit pumps. Pumps incorporated in appliances are not covered by this standard unless a specific reference is made

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

Hind 101,00

Identne IEC 60335-2-54:2002

ja identne EN 60335-2-54:2003

**Household and similar electrical appliances - Safety - Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam**

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

**EVS-EN 60335-2-55:2003**

Hind 83,00

Identne IEC 60335-2-55:2002

ja identne EN 60335-2-55:2003

**Household and similar electrical appliances - Safety - Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds**

Deals with the safety of electric appliances for use with aquariums and garden ponds for household and similar purposes, their rated voltage being not more than 250 V. Examples of appliances within the scope of this standard are aerators; aquarium heaters; automatic food dispensers; sludge-suction appliances

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97.190

**Seadmed lastele**

Equipment for children

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**UUED STANDARDID**

**EVS-EN 28317:2003**

Hind 92,00

Identne ISO 8317:1989

ja identne EN 28317:1992

**Child-resistant packaging - Requirements and testing procedures for reclosable packages**

This International Standard specifies the requirements and test methods for reclosable packages designated as resistant to opening by children

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97.200.50

**Mänguasjad**

Toys

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**UUED STANDARDID**

**EVS-EN 71-2:2003**

Hind 117,00

Identne EN 71-2:2003

**Safety of toys - Part 2: Flammability**

This part of EN 71 specifies the categories of flammable materials which are prohibited in all toys, and requirements concerning flammability of certain toys when they are subjected to a small source of ignition. The test methods described in clause 5 are used for the purposes of determining the flammability of toys under the particular test conditions specified. The test results thus obtained cannot be considered as providing an overall indication of the potential fire hazard of toys or materials when subjected to other sources of ignition.

**EVS-EN 71-8:2003**

Hind 170,00

Identne EN 71-8:2003

**Safety of toys - Part 8: Swings, slides and similar activity toys for indoor and outdoor family domestic use**

This part of EN 71 specifies requirements and test methods for activity toys for domestic family use attached to or incorporating a crossbeam, and similar toys intended for children under 14 years of age to play on or in and to bear the mass of one or more children. The scope excludes equipment intended for use in schools, kindergartens, public playgrounds, restaurants, shopping centres and similar public places dealt with in EN 1176 parts 1 to 6

**EVS-EN 71-4:1999/A2:2003**

Hind 66,00

Identne EN 71-4:1990/A2:2003

**Mänguasjade ohutus. Osa 4: Katsekomplektid**

**keemiakatseteks ja**

**samalaadseks tegevuseks**

Käesolev standard määrab kindlaks nõuded teatud kindlate ainete ja preparaate maksimaalsele hulgale, mida kasutatakse keemia ja sellega seotud valdkondade katsevahendite komplektides. See hõlmab ka mänguasju, mida kasutatakse mineraloogia, bioloogia, füüsika, mikroskoopia ja keskkonnateaduste alaste katsete tegemiseks, kui neis tarvitatakse üht või enam keemilist ainet või preparaati. See määrab kindlaks ka nõuded märgistamisele, sisalduse kirjeldamisele ja kasutusjuhendile.

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97.220.30

**Sportsaali varustus**

Indoor sports equipment

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**UUED STANDARDID**

**EVS-EN 957-9:2003**

Hind 92,00

Identne EN 957-9:2003

**Stationary training equipment - Part 9: Elliptical trainers, additional specific safety requirements and test methods**

This Part of EN 957 specifies safety requirements for elliptical trainers also described as cross training machines in addition to the general safety requirements of EN 957-1 and should be read in conjunction with it

**97.220.40**  
**Välis- ja veesporti tarbed**  
**Outdoor and water sports equipment**  
**KAVANDITE**  
**ARVAMUSKÜSITLUS**

prEVS 56693  
Tähtaeg: 2003-10-01  
Identne EN 1385:1997/prA1:2003  
**Kiivrid aerutamiseks ja käreistikuspordiks**  
This European Standard specifies requirements for helmets for canoeing and white water sports for use in waters of classes 1 to 4

as classified by Clause 4. The levels of protection recognise that most fatalities in canoeing and white water sports result from drowning after concussion and not from brain damage.

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