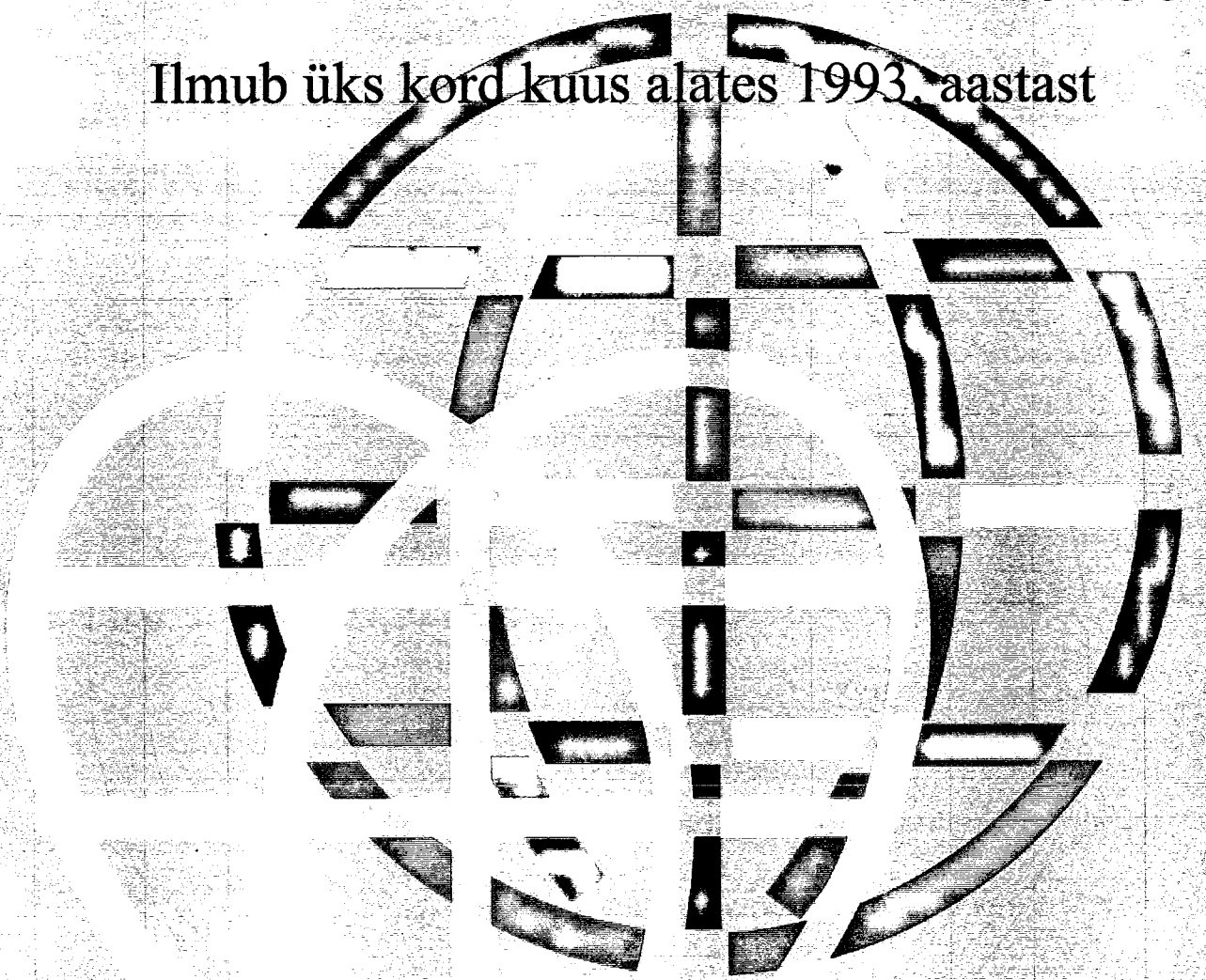
EESTI STANDARDIKESKUS

EVS TEATAJA

10/2002

Ilmub üks kord kuus alates 1993. aastast



14. OKTOOBER
ÜLEMAAILMNE STANDARDIPÄEV

Vastavushindamine

Vastavusmärgistus

Akrediteerimine

Standardid metroloogialaboris

ISSN 1406-0698

EVS

EVS Teataja

EESTI STANDARDIKESKUSE
igakuine ametlik väljaanne

10. aastakäik
ISSN 1406-0698

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EESTI UUDISED

16. - 19. septembril viibisid Oslos Balti riikides vabatahtliku standardimise arendamise programmi raames EVS töötajad Sven Kasemaa, Annika Sepp ja Heiki Aasmann. Vt lk 5

23. - 28. septembril toimus Stockholmis ISO 25. Peassamblee, mille tööst võtsid osa EVS tegevdirektor Sven Kasemaa ja standardiosakonna juhataja Raul Juhanson.

Majandusministri 9. septembri 2002. a määrusega nr 55 muudetakse Majandusministri 28. juuni 2002. a määrust nr 28 ja 32 ning 1. juuli 2002. a määrust nr 41 RTL, 16.09.2002, 103, 1560

Määrus kehtestatakse «Küttegaasi ohutuse seaduse» (RT I 2002, 49, 311) § 20 lõike 2 ja «Surveseadme ohutuse seaduse» (RT I 2002, 49, 309) § 30 lõike 2 ning «Lifti ja köistee ohutuse seaduse» (RT I 2002, 50, 312) § 20 lõike 2 alusel. Majandusministri 28. juuni 2002. a määruse nr 28 «Gaasipaigaldise kasutamise järelevaataja ja gaasitöid juhtiva isiku nõuetele vastavuse hindamise ja tõendamise kord» (RTL 2002, 75, 1159) ning Majandusministri 28. juuni 2002. a määruse nr 32 «Surveseadme kasutamise järelevaataja ja surveseadmetöid juhtiva isiku nõuetele vastavuse hindamise ja tõendamise kord» (RTL 2002, 76, 1170) ja Majandusministri 1. juuli 2002. a määruse nr 41 «Tõsteseadmetöid juhtiva isiku ja kasutamise järelevaataja nõuetele vastavuse hindamise ja tõendamise kord» (RTL 2002, 77, 1199) § 6 lõiget 4 muudetakse ja sõnastatakse järgmiselt:

« (4) Eksamiküsimustiku temaatika peab katma kogu eksamineeritavalt nõutavate teadmiste ulatust. Eksamiküsimustiku temaatika peab olema kooskõlastatud Tehnilise Järelevalve Inspektsiooniga. Eksamineeritavale peab võimaldama eksamiküsimustiku temaatikaga tutvuda.»

Teede- ja sideministri 26. augusti 2002. a määrusega nr 53 muudetakse **Teede- ja sideministri 18. mai 2001. a määrust nr 50 «Mootorsõiduki ja selle haagise tehnoseisundile ja varustusele esitatavad nõuded»** RTL, 20.09.2002, 106, 1575

6) lisa 1 koodi 102 nõuete punkt 1 muudetakse ja sõnastatakse järgmiselt:

« 1) liiklusregistrisse kantud sõiduki registreerimismärk peab vastama Eesti standardile. Teistes riikides registreeritud sõiduki registreerimismärk peab vastama ÜRO Euroopa Majanduskomisjoni Viini 1968. a «Teeliikluse konventsiooni» või EÜ liikmesriikide sõidukitel EÜ Nõukogu määruse 2411/98/EÜ nõuetele;»

Eesti akrediteerimisasutusena tegutsemise leping

Eesti Vabariigi ja sihtasutuse Eesti Akrediteerimiskeskus vahel 9. septembril 2002. a sõlmiti halduslepingnr 129/8/6 RTL, 25.09.2002, 107

Lepingu objektiks on akrediteerimiskeskuse õigus tegutseda Eesti Akrediteerimisasutusena, mis seisneb akrediteerimiskeskuse õiguses tegeleda vabatahtliku ja õigusaktides kohustuslikuna sätestatud akrediteerimisega, ning poolte kohustused, mis tulenevad sellest õigusest.

TOIMETAJA VEERG

Igal aastal 14. oktoobril tähistatakse kogu maailmas Ülemaailmset Standardipäeva.

Meie oktoobrinumber on pühendatud tänavuse standardipäeva teemale "Standardid ja vastavushindamine". Päeva motoks on "Üks standard, ühekordne katse - tunnustatud kõikjal". Kogu maailmas rakendatav rahvusvaheline standard ja ühekordne katse, mida tunnustatakse kõikjal, aitavad kaasa kaupade ja teenuste globaalturu arenemisele. Kasutades ühtseid standardeid ja kooskõlastatud vastavushindamissüsteeme loome eeldused, et ühe standardi järgi valmistataud toode, mis on läbinud katsetuse ühes riigis, on tunnustatud ka kõikides teistes riikides ja ei vaja enam teistele turgudele laskmisel uusi katsetusi.

Lugeda on ka ISO vastavushindamiskomitee CASCO tegevusest, akrediteerimisest ning standardite kasutamisest metroloogialaborites.

Kaanepildiks on seekord standardipäeva poster, mille autoriks on Jaapani graafik Yukio Ota, kes kommenteerib plakati ideed: erinevate värvidega tähistatud individuaalsed standardid saab süsteemisisese koordineerimisega ühtlustada üheks rahvusvaheliseks standardiks, mis on vastuvõetav kõikjal maailmas.

Ülemaailmset Standardipäeva tähistab Standardikeskus vastavushindamise teemalise näitusega Tallinna Tehnikaülikoolis ja konverentsiga Rahvusraamatukogus.

Anne Laimets
anne@evs.ee

EESTI STANDARDIKESKUS KORRALDAB
15. OKTOOBRIL 2002
STANDARDIKESKUSES ARU 10
SEMINARI
ISO 9000 VÄIKEETTEVÕTETELE

Lektor: Tauno-Jussi Onoper (TJO Konsultatsioonid)
Teemad:

- kvaliteedijuhtimissüsteemidele esitatavad nõuded (ISO 9001: 2000);
- kvaliteedijuhtimissüsteemi ülesehitus ja dokumenteerimine;
- juhtkonna roll kvaliteedijuhtimissüsteemis;
- ressursside juhtimine;
- protsesside kirjeldamine;
- mõõtmine, analüüs ja parendamine.

Seminar on ülesehitatud teemakohastele ettekannetele ja aruteludele ning sisaldab praktilisi soovitusi väikeettevõtetele.

Eesmärk: Anda ülevaade kvaliteedijuhtimise standarditest ja näidata, kuidas need üheskoos moodustavad tulemuslikkuse parendamise ning organisatsiooni kvaliteedisüsteemi aluse

Hind: 2500.-
Hind sisaldab kohvipause, lõunat, jaotusmaterjale ja käsiraamatut "ISO 9001 for Small Businesses", mis sisaldab ka standardi ISO 9001 teksti (2002, 186 lk, väärtuses 470.-)
Soodustused: ühe organisatsiooni kahe või enama esindaja osalemisel -10 %
Registreerimine: tel 605 5050; faks 605 5070; info@evs.ee ; http://www.evs.ee

Lisainfo: Evelin Hülp - tel 605 5053, e-post evelin@evs.ee, www.evs.ee

EESTI STANDARDIKESKUS KORRALDAB
31. OKTOOBRIL 2002
STANDARDIKESKUSES ARU 10
SEMINARI
KVALITEEDIJUHTIMINE TERVISHOIUSEKTORIS

Eesmärk: Tutvustada kvaliteedisüsteemi rakendamisvõimalusi ja -vajadusi Eesti tervishoiusektoris.
Sihtrühm: Eesti raviasutuste juhatuste esimehed, liikmed, peaarstid ja vanemõed.
Lektorid: Jari-Pekka Kukkonen (BusinessGrain, juhatuse esimees), Kaja Põlluste (Eesti Tervishoiuprojekt 2015, projektijuht) ja Siim Aid (Ravimiamet, juhataja; EVS/TK 11 liige)

Teemad:
- kvaliteedijuhtimine raviasutustes – meditsiini ja patsiendi tasandil
- kultuuri muudatus osana kvaliteedijuhtimissüsteemi juurutamisest
- kvaliteedisüsteemi juurutamiskogemused Eesti ja Soome raviasutustes
- tervishoiusektori tulevikuvisioon – Eesti Tervishoiuprojekt 2015
- standardid tervishoiusektoris

Hind: 2000.-

Hind sisaldab õppematerjale, kohvipause ja lõunasööki.
Soodustused: Ühe organisatsiooni kahe või enama esindaja osalemisel -10 %
Registreerimine: tel 605 5050; faks 605 5070; info@evs.ee ; http://www.evs.ee

Lisainfo: Evelin Hülp - tel 605 5053, e-post evelin@evs.ee, www.evs.ee

14. oktoobril tähistatakse Ülemaailmset Standardipäeva. Sel puhul on kolme keskse rahvusvahelise standardiorganisatsiooni ISO, IEC ja ITU presidendid pöördunud standardimisüldsuse poole alljärgneva läkitusega.

ÜKS STANDARD, ÜHEKORDNE KATSETUS - TUNNUSTATUD KÕIKJAL

Standardid ja katsetused käivad käsikäes olles globaalturgude arengu võtmeks.

Standardid sätestavad toodete, teenuste, süsteemide, protsesside ja materjalide spetsifikatsioonid ja nõuded. Seejärel näitavad katsetused, et neid standardeid saab edaspidi usaldusväärselt rakendada.

Rahvusvahelisel tasandil laialt tunnustatud standardid saavad edaspidi kiirendada kvaliteedile ja tarbijate usaldusele rajatud kaupade ja teenuste globaalse turu arengut.

Standardid on tehniline keel, mida firmad kasutavad kaupade, teenuste ja süsteemide loomiseks. Kui firmad seda kõikjal mõistavad, on selle ühise keele alusel toodetud kaubad ja teenused kõikjal ühesuguse kvaliteediga, olenemata nende valmimise kohast.

Standarditel on mitmesugused eesmärgid nagu näiteks ohutus ja toimimine, kuid nende põhiline loomus on kindlate parameetrite püstitamine, mis pakuvad kõikjal ühist tehnoloogilist alust kaupade, teenuste ja süsteemide loomiseks.

Globaalsel turul kaupu ja teenuseid ostjate ja müüjate vahel vahetades luuakse usaldust kasutades rahvusvaheliselt kokkulepitud standardeid koos katsetustega, et tõendada standardite nõuete täitmist. Tehniline termin selle kohta on vastavushindamine. Konkreetne näide on hindamine katselabori poolt, kas toode või teenus vastab kindla standardi nõuetele.

Vabal turul osalejad toetuvad usaldusele, tagamaks kaupade ja teenuste ausat vahetamist ning vastavushindamise olulisi aspekte, mis aitavad tagada kvaliteedi, toimimise ja teiste parameetrite kohta tehtud avalduste usaldusväärsust.

Kaubanduse arendamisel maksimaalse kasu saamiseks rahvusvahelistest standarditest on oluline, et kõik riigid osaleksid nende koostamises ja rakendamises.

Kolm juhtivat rahvusvahelist standardiorganisatsiooni, kes koostavad standardeid ja soovitusi globaalsele turule on ISO, IEC ja ITU. Nende kaasav olemus aitab kaasa tõeliselt globaalsele kaubandusele.

Lisaks eksisteerivad mitmed vastavushindamise skeemid.

Standardite ja vastavushindamise kombinatsioon aitab kaasa madalamatele kaubanduse tehnilistele tõketele, mis omakorda tingib tootmiskulude madalama taseme ning mille tulemusel kasvab usaldus ostjate ja müüjate vahel.

Vastavad rahvusvahelised vastavushindamise mehhanismid, juhendid ja soovitused võivad samuti kaasa aidata vastastikuse tunnustamise lepetele erinevatel tasanditel.

ISO, IEC ja ITU ergutavad standardite koostamist dialoogis tööstuse ja valitsustega. Sel viisil üksiku standardi koostamine ja katse peegeldavad globaalse turu arvamuste mitmekesisust, ilma et see takistaks innovatsiooni. Sellise süsteemiga saavad ostjad ja müüjad palju lihtsamalt kokku leppida turul müüdavate toodete ja teenuste väärtuse osas. Kolm keskset standardiorganisatsiooni aitavad muuta kogu globaalset turgu efektiivsemaks aidates lihtsustada globaalse kaubandussüsteemi ükskõik millist osa lihtsamaks. Kokkuvõtvalt saavad efektiivsest turust kasu kõik - tootjad, tarbijad, riikide valitsused, katselaborid ja teised turul osalejad.

Sei-ichi Takayanagi
IEC President

Mario Gilberto Cortopassi
ISO President

Yoshio Utsumi
ITU Peasekretär

STANDARDIPÄEVA POSTER 2002

Standardipäeva postri autor on professor Yukio Ota.
Jaapani graafikadisainer, ISO/TC 145 Graafilised sümbolid liige alates 1980. a, Jaapani Tama Kunstiinstiülikooli professor ja Jaapani Märgiteaduse Ühingu president ning mittetulundusühingu Märgikeskus direktor.
Ta on sündinud 1939, lõpetanud Tama Kunstiülikooli ja Veneetsia Rahvusliku Kunstiinstituudi. Töötanud Jaapanis, Münchenis ja USAs rahvusvahelises projektis "Visualizing Global Interdepencies"

Standardipäeva postri kontseptsioon:
Erinevate värvidega tähistatud individuaalsed standardid saab ühtlustada süsteemisisese koordineerimisega üheks rahvusvaheliseks standardiks, mis on vastuvõetav kõikjal maailmas.

STANDARDIPÄEVAST EESTIS

"Üks standard, üks katse, tunnustatud kõikjal". Selline on käesoleva aasta ülemaailmse standardipäeva deviis.
Eelmisel aastal tähistasime 15. oktoobril standardipäeva teemal "Standardid ja keskkond".
Sel aastal korraldame standardipäeva puhul 8. - 22. oktoobrini vastavushindamisalaste standardite, kogumike ja käsiraamatute näituse Tallinna Tehnikaülikoolis ja tähistame ülemaailmset standardipäeva konverentsiga Rahvusraamatukogus 21 oktoobril.
Kuigi oleme registreerinud kuus uut EVS tehnilist komiteed ja sõlminud viis uut koostöölepingut, on siiski palju organisatsioone, kellega koostööd ei ole alustatud või on see juhuslikku laadi. Seetõttu arvan, et koostöö õppeasutuste, uute osapoolte ning tehniliste komiteedega peab olema senisest konstruktiivsem.
Tihti tullakse EVS-i alles siis, kui on tekkinud vältimatu vajadus tutvuda standarditega või on nende järgimist nõudnud ettevõtete partnerid. Sellised kontaktid jäävad aga juhuslikeks ning hetkelised lahendused toimivad ainult järgmise takistuse tekkimiseni.
Kiiresti muutuvas majanduskeskkonnas on meid kummitamas ressursside puudus. Inimressurss tihti enamgi veel, kui otsene rahanappus. Vale ressursside kokkuhoid täna võib ettevõtte viia raskustesse homme. Sellise olukorra ennetamiseks on ettevõtjatel vaja leida aega tutvuda standardimises toimuvaga ning mõelda tulevikule. Teadmata, milliseid standardeid kavandatakse Euroopa ja rahvusvahelistes tehnilistes komiteedes, ei ole võimalik õigeaegselt reageerida turuvajaduste muutumisele ja kavandada tegevusi, mis võimaldaks püsida konkurentsis.
Standardeid töötatakse välja järjest enamates valdkondades. Standardimises on tekkinud seosed teenuse-, toote- ja protsessistandardite väljatöötamisel. Selgeks märgiks sellest on ISO presidendi M. Cortopassi poolt esile toodud "kolme ringi" tsükkel (one test - one standard - one conformity assessment) ehk standardid - katsetamine - vastavushindamine ühes ringis. Ühendatud on toote/teenuse omadused, ohutus, kasutamine ja sobivus.

Ülemaailmne standardipäev ei ole lihtsalt üks järjekordne pidupäev.
Selle päeva tähtsus on võrdselt oluline standardite koostamises osalejatele, standardimist korraldavatele organisatsioonidele kui ka Standardikeskusele.
Selle päeva eesmärgiks on juhtida tähelepanu standarditele ja valdkondadele, milles standarditel on täita oluline roll.

Sven Kasemaa
EVS tegevdirektor

ÕPPEKÄIGUL NORRAS

Pildil: Baltimaade standardijad NSF-is

16. - 19. septembril viibisid Oslos projekti "Vabatahtliku standardimise arendamise Balti riikides" raames EVS töötajad Sven Kasemaa, Annika Sepp ja Heiki Aasmann. Kolmepäevase koolitusürituse korraldas Norra Standardiühing (Norges Standardiseringsforbund - NSF).

NSF on asutatud 1923. aastal sõltumatu ja eraõigusliku organisatsioonina.

NSF koostöö Rahvusvahelise Standardiorganisatsiooniga ISO algas viiekümnendatel aastatel ning Euroopa Standardikomiteega CEN kaheksakümnendate alguses. Hoolimata Euroopa Liitu mittekuulumisest on Norra CEN täisliige ja täidab kõigi EL direktiivide nõudeid.

NSF tütarfirmana tegutseb alates 2001. a jaanuarist iseseisev standardite müügiorganisatsioon PRONORM, mis jagab ühiseid ruume ja andmebaase NSF-iga.

NSF toetub standardimises kolmele koostööpartnerile – Norra Ehitusalase standardimise Nõukogule (Norges Byggstandardiseringsråd – NBR, ehitusalane standardimine), Norra Tehnoloogiakeskusele (Norges Teknologisenter – NTS, standardimine nafta- ja gaasitööstuses, aga ka laevaehituse, IT, surveseadmete, masinaohutuse jm valdkondades) ning Norra Üldise Standardimise Organisatsioonile (Norsk Allmenn Standardisering – NAS, standardimistegevus keskkonnakaitse, tervishoiu, põllumajanduse ja kalanduse jm valdkondades).

Koostööpartneriteks on samuti Norra Posti ja Telekommunikatsiooni Amet (PT) ja Norra Elektrotehnikakomitee (NEK).

Norra majanduse tugisambad on kalandus, nafta ning gaasi tootmine, mis vastavalt on peegeldatud ka standardimises.

Märkimisväärne on standardimine ka ehitusvaldkonnas, mille üks põhjus on ajalooline järjepidevus – esimene ehitusalane Norra standard jõustus juba 1925. aastal. Tänast päeva iseloomustab asjaolu, et ISO ehitusalaste standardite väljatöötamise ettepanekute arvult on Norra Saksamaa järel teisel kohal.

Norras omandatud kogemustest ongi tähelepanuväärsem sissevaade rahvusvaheliste tehniliste komiteede sekretäride praktilisele tegevusele. Eesti tegevusega seostub näiteks ISO/TC 162 "Uksed ja aknad", mille sekretäriks on hr Lars Aasness NBR-ist – Eestis on samas valdkonnas loodud tehniline komitee "Avatäited".

Muljetavaldav on ISO/TC 67 "Nafta, naftakeemia ja maagaasitööstuses kasutatavad materjalid ja seadmed ning avamere ehitised" Norra peegelkomitee K114, mille aastaeelarve on 175 000 USD (ISO komitee töösse on haaratud 90 eksperti Norrast, peegelkomitee täidab ISO/TC 67/SC 2. sekretariaadi ülesandeid).

Kolme päeva jooksul tutvusime põhjalikult NSF töö kõikide valdkondadega ja saime vastused paljudele meid huvitanud küsimustele.

Heiki Aasmann
EVS spetsialist

VASTAVUSHINDAMINE

ISO VASTAVUSHINDAMISKOMITEE CASCO

CASCO on ISO vastavushindamise komitee, kes tegeleb rahvusvaheliste juhendite ja standardite koostamisega toodete, protsesside, teenuste ja kvaliteedisüsteemide vastavushindamiseks. Komitee loodi 1970. a.

CASCO liikmeks võivad saada kõik ISO liikmesriigid.

CASCO eesmärgiks on kaasa aidata riikide ja regioonide vastavushindamise süsteemide loomisele ja vastastikusele tunnustamisele ning sellealaste rahvusvaheliste standardite ja juhendite rakendamisele. Nende dokumentide koostamise eesmärgiks on arendada rahvusvahelist kaubandust läbi globaalselt ühtlustatud vastavushindamise protseduuride. CASCO tööst on huvitatud nii akrediteerijad, sertifitseerijad, tarbijakaitse-, keskkonna-, tööstus- kui ka riigiasutused.

Liikmelisust on kahte liiki - P-liikmed (participating), kes võtavad aktiivselt osa komitee tööst ja vaatlejaliikmed e O-liikmed.
P- liikmeid on käesoleval ajal 67, vaatlejaliikmeid 21.

CASCO esimees on hr J.Donaldson (USA)
CASCO sekretär on hr Y.Fukuda (ISO Keskssekretariaat)

TARNIJA VASTAVUSDEKLARATSIOON JA CASCO WG 24 TEGEVUS

Vastavushindamisalaste standardite ja juhendite koostamise eest vastutab ISO Vastavushindamise komitee CASCO.
Tarnija vastavusdeklaratsioon on üks meetod, kuidas kinnitada, et toode või teenus vastab mingi standardi nõuetele.
Vastavushindamist võib teostada kolmas osapool (sõltumatu isik või organisatsioon, kes on spetsialiseerunud katsetamisele ja/või sertifitseerimisele), teine osapool (vastavuse objekti kasutaja) või tootja ise. Tarnija võib teha katsetusi ise või kaasata sellesse kolmanda osapoole. Vastavalt katsete tulemustele, kui kõik nõuded on täidetud, teeb tarnija avalduse, et toode vastab nõuetele.
Tänapäeval kiiresti areneva tehnoloogia ja järjest kasvava konkurentsi tingimustes on oluline vähendada kulusid ja toote turule jõudmise aega. Vastavushindamine on tähtis aspekt toote, protsessi või teenuse arendamisel, mis võib aga pikendada arendustsükli kestvust ja tõsta maksumust.

Tarnija vastavusdeklaratsioon pakub tarnijale vastavushindamise võimalust, mis vähendab kulusid ja kiirendab uue toote kättesaadavust ostjale. Tarnija vastavusdeklaratsioon ei välista kolmanda osapoole katsetamist ja/või sertifitseerimist demonstreerimaks vastavust nõuetele. Tarnija saab ise valida vastavushindamise meetodi, mis kõige enam vastab seadusandjate, tarbijate ja turu nõuetele.
Juba aastaid tagasi töötas CASCO välja ISO/IEC Juhendi 22 *General criteria for supplier's declaration of conformity.* Seda juhendit saab kasutada toodete vastavushindamiseks. 1996. a täiendati juhendit nii, et seda saab kasutada lisaks toodetele ka teenuste ja protsesside vastavushindamiseks. Juhend laieneb ka vastavusele ISO 9000 juhtimissüsteemide standarditele. Tarnija vastavusdeklaratsiooni on laialt kasutatud ka USA infotehnoloogiavallas. ITI (Information Technology Industry Council) on välja töötanud standardikavandi *Requirements for supporting documentation for supplier's declaration of conformity.*

Seoses reeglipäraste iga 5 aasta järel toimuvate ülevaatustega vaadati 2000. a CASCO juhend üle ja otsustati Juhend 22:1996 ümber töötada ning välja anda rahvusvahelise standardina *Requirements for supporting documentation for supplier's declaration of conformity,* mis sisaldaks ka ITI kavandi.
Uus ISO Juhendi 22 alusel koostatav standard saab tähiseks ISO/IEC 17050 ning sätestab, et tarnija, kes tegutseb ükskõik millises valdkonnas, võib valida vastavusdeklaratsiooni koostajaks oma valikul esimese, teise või kolmanda osapoole. Seejuures on kavandatav standard abiks, kuidas vastavusdeklaratsiooni koostada.
Tarnija vastavusdeklaratsiooni järjekindlama rakendamise eesmärgil on koostamisel standard ISO/IEC 17049 *General requirements for supporting documentataion for a supplier declaration of conformity.*
Terminoloogia harmoneerimiseks on WG 24 koostamas vastavushindamise terminoloogia alast standardikavandit ISO/IEC 17000 *Conformity assesment. Fundamentals and vocabulary.*

Kokkuvõtvalt võib öelda, . et ISO vatavuskomitee CASCO tegutseb aktiivselt, et pakkuda paremaid võimalusi vastavushindamiseks. Standardites ei määrata kohustuslikult, kes ja kuidas peab vastavushindamist rahvusvahelisel tasandil tegema, need annavad selleks vaid soovitusi.

ISO Bulletin, 2002, 10 ainetel

VASTAVUSMÄRGISTUS GLOBAALTURUL

Käesoleval ajal toimuvad diskussioonid standardikavandi ISO/IEC DIS 17030 *Third-party marks of conformity and their use* üle. Kavandi arvamusküsitlus lõpeb 16. oktoobril 2002.
Traditsioonilised vastavusmärgid nagu nt toote sertifitseerimismärgid on loodud osana turusüsteemist. Neid on kasutatud põhiliselt rahvuslikul või regionaaltasandil spetsiifiliste sotsiaalsete aspektide korral nagu nt tervis, keskkond, kvaliteet või keskkonnasõbralikkus.

On olemas kasvav hulk erinevaid märgistusi, mille nõuded, kas siis kohustuslikud või soovituslikud, erinevad maade lõikes. Need märgid võivad olla efektiivsed vahendid juurdepääsuks kohalikele turgudele, kuid vahel saavad neist ka kaubanduslikud tõkked.

CASCO Töörühm WG 12 on püüdnud luua süsteemi vastavusmärgistuses, mille rakendumisel peaks paranema turu usaldatavus ja suurenema tarbijate heakskiit. "Kui kohustuslikud vastavusmärgid oleks kasutajasõbralikumad ja vabatahtlikud vastavusmärgid rohkem koordineeritud, oleks maailm palju õnnelikum" on ISO/CASCO liikme Kiyoto Mitsui sõnad. WG 12 poolt koostatavas uue standardi kavandis on sätestatud järgmised olulised punktid:

1. Üldnõuded vastavusmärkide omanikele ja väljaandjatele
2. Vastavusmärkide disain ja pealepanemine
3. Vastavusmärkide väljaandmine
4. Omandus ja kontroll

ISO Bulletin, 2002, 10 ainetel

VASTAVUSHINDAMINE EUROOPAS

Vastavushindamine Euroopa ühisturul on vastavushindamisest rahvusvahelisel tasandil rohkem reglementeeritud.
Ühisturg hõlmab sisepiirideta ala, kus on tagatud kaupade, isikute, teenuste ja kapitali vaba liikumine. Ühisturu toimimise üheks eelduseks on tehniliste kaubandustõkete kõrvaldamine.

Kaubandustõketeks võivad olla erinevad toodete kohustuslikud nõuded, erinevad vastavushindamisprotseduurid ja erinevad rahvuslikud standardid.

EÜ töötas välja Uue lähenemisviisi tehnilisele harmoneerimisele ja standarditele (New

Approach to technical harmonization and standards)(85/Ü/136/01) mais 1985.
Uus lähenemisviis on regulatiivne tehnika. Uue lähenemisviisi direktiivid sisaldavad ainult olulisi ohutusnõudeid, millele toode peab vastama. Direktiivide nõuded peavad kõik EL liikmesriigid sisse viima oma riigi seadusandlusse.
Harmoneeritud standardid on EL Uue lähenemisviisi direktiivide toetuseks kompetentsetes tunnustatud standardiorganisatsioonides koostatud standardid.
Harmoneeritud standardid on koostatud arvestades direktiivides toodud olulisi nõudeid ja neid saab kasutada direktiivi nõuete täitmise tõendamiseks. Harmoneeritud standarditeks loetakse need standardid, millele on viidatud EL ametlikus väljaandes Official Journal.
Uue lähenemisviisi üheks põhiprintsiibiks on, et riigi võimuorganitel tuleb harmooniliste standardite järgi valmistatud tooted tunnistada vastavateks õigusaktidega kehtestatud ohutusnõuetele. Harmoneeritud standardite järgi valmistatud tooted, mis on läbinud vastavushindamisprotseduurid (direktiivides on toodud, millist vastavushindamisprotseduuri mingi toote puhul tuleb kasutada), tähistatakse CE märgistusega, mis on "kaubapassiks" lubamisel Euroopa ühisturule.

AKREDITEERIMINE

MIS ON AKREDITEERIMINE?

Akrediteerimine on labori/organi (edaspidi *asutuse*) vastavuse hindamine ja tõendamine rahvusvahelistes standardites asutustele kehtestatud kompetentsuskriteeriumitele.

Seejuures on see hindamis- ja tõendamisprotseduur omakorda reguleeritud rahvusvaheliste standarditega ning asutust hinnatakse teatud kindla, asutuse taotluses määratletud tegevusulatuse osas, st reeglina ei hõlma akrediteerimine kõiki asutuse tegevusi.
Kuna akrediteerimise taotlemine on vabatahtlik ja toimub asutuse vastava avalduse alusel, katab taotleja ka akrediteerimisega seotud kulud.
Sisuliselt on tegemist eksamiga, mille käigus hinnatakse konkreetse meeskonna kokkumängu, tehniliste vahendite sobivuse ja üksikliikmete individuaalse pädevuse vastavust eksaminõuetele. Selle positiivselt sooritanud meeskonnale omistatakse akrediteering.
Akrediteeringuga kaasneb õigus kasutada väljastatavatel katseprotokollidel ja/või sertifikaatidel akrediteerimisorgani logo ning viidet akrediteeritusele. Asutusele omistatud akrediteering ei kahanda, vaid pigem suurendab asutuse vastutust oma igapäevase töö tulemuste eest.

Kes võivad taotleda akrediteerimist?

- katse-, kalibreerimis- ja taatluslaborid;
- inspektsioonorganid;
- toote, personali ja kvaliteedisüsteemi (sh keskkonnajuhtimissüsteemi) sertifitseerimisorganid.

Mida annab akrediteering asutusele?

Tõendi asutuse pädevuse ja võimekuse kohta teatud tegevuste nõuetekohaseks sooritamiseks, mis muuhulgas võimaldab suurendada asutuse usaldatavust klientide silmis ja taotleda riigilt volitusi tegutsemiseks teatud õigusaktidega reguleeritud sfääris.

Mida annab akrediteerimine tootjale-eksportöörile?

- teabe usaldusväärsete asutuste kohta, keda võib kasutada oma toodete katsetamiseks ja/või sertifitseerimiseks;
- võimaluse eksportida oma tooteid teistesse riikidesse ilma täiendavate katsetuste ja sertifitseerimisteta seal, kasutades EA MLA-ga hõlmatud laborite ja sertifitseerijate teenuseid.

Mida annab akrediteerimine riigile?

- teabe pädevate vastavushindamis-asutuste kohta, keda võib volitada teatud toodetele elanike ja/või keskkonna kaitseks õigusaktidega kehtestatud kohustuslikele nõuetele vastavuse hindamiseks ja tõendamiseks;
- akrediteeritud vastavushindamis-asutuste võrgu olemasolu loob eeldused riigi majanduskasvuks, soodustades ühtlasi riikidevaheliste majandusalaste vastastikuse tunnustamise lepete sõlmimist.

Kes akrediteerib?

Erapooletu kasumit mittetaotlev akrediteerimis-asutus, kes on riigi poolt tunnustatud ja vastab asjakohaste rahvusvaheliste standardite nõuetele. Eestis on selleks mõõteseaduse alusel majandusministri poolt 2000.a. asutatud Sihtasutus Eesti Akrediteerimiskeskus (EAK), mille tegevust kajastav teave ja kontaktandmed on kättesaadavad EAK veebileheküljel www.eak.ee. Samas on toodud ka akrediteeri-miskriteeriumid ja – protseduurid.

Kas EAK on pädev ja rahvusvaheliselt tunnustatud?

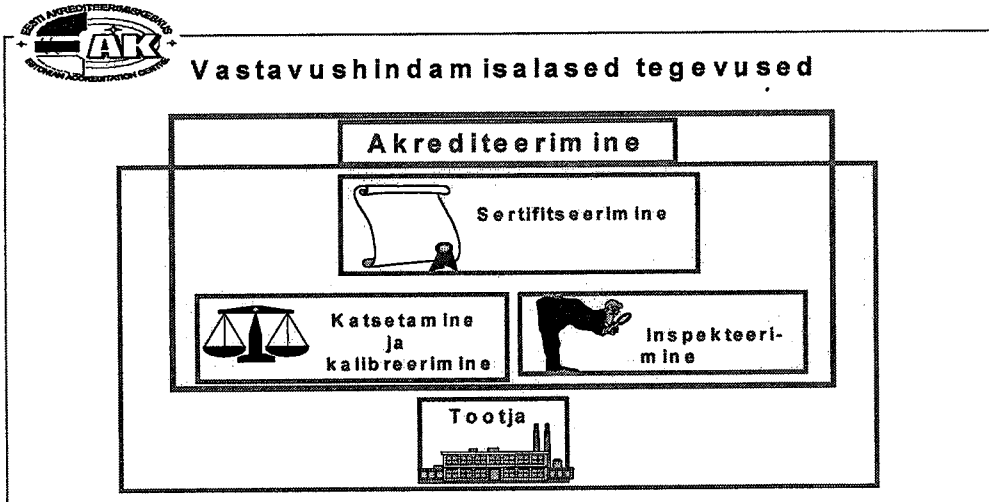
Euroopa tava kohaselt kontrollivad akrediteerimisorgani vastavust rahvusvaheliste standardite nõuetele (st pädevust) teiste riikide akrediteerimisorganite esindajad Euroopa akrediteerimisalase koostööorgani EA koordi-neerimisel. EAK kui EA liikme (2000.a. juunist) rahvusvaheliste standardite nõuetele vastavuse kontroll seisab ees lähiajal. Kontrolli positiivsete tulemuste korral saab EAK õiguse liituda EA liikmesasutuste vahelise mitmepoolse vastas-tikuse tunnustamise leppega EA MLA.

Mida tähendab EA MLA?

EA MLA on EA liikmesasutuste vahel laborite, sertifitseerimis- ja inspekteerimisasutuste akrediteerimise osas sõlmitud leping, mille kohaselt nad tunnustavad ja reklaamivad üksteise akrediteerimissüsteemide ning nende raames väljastatud protokollide ja sertifikaatide ekvivalentsust. EA MLA abil tagatakse lepinguga hõlmatud akrediteerimisorganite ühtne kompetentsustase ja kõrvaldatakse vajadus korduvate vastavushindamiste järele, st tarnija vajab vaid üht sertifikaati või protokolli rahuldamaks kogu Euroopa turu ning kõigi valitsuste nõudeid.

Kui kaua kehtib akrediteering?

Akrediteering antakse reeglina 5 aastaks, kusjuures asutuse jätkuvat vastavust akrediteerimiskriteeriumitele kontrollitakse vahepealsete regulaarsete (kord aastas) järelevalvekülastuste käigus. Viie aasta möödumisel viiakse läbi täismahus kordushindamine. Juhul kui akrediteerimisorgan saab dokumentaalsed tõendid akrediteerimiskriteeriumite mittejärgimise kohta konkreetse akrediteeritud asutuse poolt, akrediteering peatatakse või annulleeritakse. Need on ka ainsad akrediteerimisorgani käsutuses olevad karistusmeetmed. Seega ei kuulu akrediteerimisasutus riiklike järelevalveorganite hulka, kes jälgivad pidevalt õigusaktide nõuete järgimist riigis ja rakendavad vajadusel neis õigusaktides sätestatud sanktsioone.



EAK AKREDITEERIMISNÕUDED

I. KATSE-, KALIBREERIMIS- VÕI TAATLUSLABOR

1.1 Laborite akrediteerimise põhinõuded on esitatud standardis EVS-EN ISO/IEC 17025.

1.2 Akrediteerimisnõuete täitmise tagamiseks peab labor täiendavalt:

- mõõtmiste jälgitavuse tagamisel järgima juhendi EAK J16-2002 "Mõõtmiste jälgitavus. Põhinõuded" sätteid;
- akrediteerimisorgani logo kasutamisel järgima juhendi EAK J9-2000 "EAK logo kasutamise ja akrediteeritusele viitamise kord EAK poolt akrediteeritud laborites ja organites" nõudeid;
- taatlusega tegelemisel järgima juhendi EAK J15-2001 "Nõuded akrediteeritud taatluslaborile" sätteid;
- kliiniliste analüüside teostamisel järgima standardi ISO 15189 "Kvaliteedijuhtimine meditsiinilaboris" nõudeid.

1.3 Lisaks peab:

1.3.1 kalibreerimislabor:

- mõõtemääramatuse hindamisel ja väljendamisel juhinduma dokumendi EA-4/02 "Expression of the Uncertainty of Measurements in Calibration" sätetest;
- osalema võrdluskalibreerimistes vähemalt kord 2 aasta jooksul iga akrediteerimisulatusse kuuluva mõõtesuuruse osas.

1.3.2 katselabor:

- mõõtemääramatuse hindamisel ja väljendamisel juhinduma doku-mendi EA-3/02 "The Expression of Uncertainty in Quantitative Testing" nõuetest;
- osalema (*kasutatavusel*) laboritevahelistes võrdluskatsetes või tase-mekatsetes vähemalt kord 5 aasta jooksul iga akrediteerimisula-tusse kuuluvate ühel ja samal mõõteprintsiibil põhinevate meeto-dite grupi osas.

Märkus: 1. Akrediteerimine viiakse läbi juhendi EAK J13-2002 "Labori hindamise juhend" kohaselt.

II. INSPEKTEERIMISORGAN

2.1 Inspekteerimisorgani akrediteerimise põhinõuded on esitatud stan-dardis EVS-EN 45004.

2.2 Akrediteerimisnõuete täitmise tagamiseks peab inspekteerimis-organ täiendavalt järgima juhendi EA-5/01 "Guidance on the Application of EN 45004" nõudeid.

2.3 Akrediteerimisorgani logo kasutamisel peab inspekteerimisorgan järgima juhendi EAK J9-2000 "EAK logo kasutamise ja akrediteeritusele viitamise kord EAK poolt akrediteeritud laborites ja organites" nõudeid.

Märkus: 1. Akrediteerimine viiakse läbi juhendi EAK J17-2002 "Sertifitseerimis/inspekteerimisorgani hindamise juhend" kohaselt.

III. TOOTE SERTIFITSEERIMISORGAN

3.1 Toote sertifitseerimisorgani akrediteerimise põhinõuded on esitatud standardis EVS-EN 45011.

3.2 Akrediteerimisnõuete täitmise tagamiseks peab sertifitseerimis-organ täiendavalt järgima juhendi EA-6/01 "EA Guidelines on the Application of EN 45011" nõudeid.

3.3 Keevitustööde sertifitseerimisorgan peab järgima samuti juhendi EA-6/02 "EA Guidelines on the Use of EN 45011 and 45012 for Certification to EN 729" nõudeid.

3.4 Akrediteerimisorgani logo kasutamisel peab sertifitseerimisorgan järgima juhendi EAK J9-2000 "EAK logo kasutamise ja akrediteeri-tusele viitamise kord EAK poolt akrediteeritud laborites ja organites" nõudeid.

Märkus: 1. Akrediteerimine viiakse läbi juhendi EAK J17-2002 "Sertifitseerimis/inspekteerimisorgani hindamise juhend" kohaselt.

IV. PERSONALI SERTIFITSEERIMISORGAN

4.1 Personali sertifitseerimisorgani akrediteerimise põhinõuded on esitatud standardis EVS-EN 45013.

4.2 Akrediteerimisnõuete täitmise tagamiseks peab sertifitseerimisorgan täiendavalt järgima juhendi EA-8/01 "Guidelines on the Application of EN 45013" nõudeid.

4.3 Akrediteerimisorgani logo kasutamisel peab sertifitseerimisorgan järgima juhendi EAK J9-2000 "EAK logo kasutamise ja akrediteeritusele viitamise kord EAK poolt akrediteeritud laborites ja organites" nõudeid.

Märkus: 1. Akrediteerimine viiakse läbi juhendi EAK J17-2002 "Sertifitseerimis/inspekteerimisorgani hindamise juhend" kohaselt.

V. KVALITEEDISÜSTEEMIDE SERTIFITSEERIMISORGAN

5.1 Kvaliteedisüsteemide sertifitseerimisorgani akrediteerimise põhi-nõuded on esitatud standardis EVS-EN 45012.

5.2 Akrediteerimisnõuete täitmise tagamiseks peab sertifitseerimis-organ täiendavalt järgima juhendi EA-7/01 "EA Guidelines on the Application of EN 45012" nõudeid.

5.3 Lisaks peab keskkonnajuhtimissüsteemide sertifitseerimisorgan vastama juhendi EA-7/02 "EA Guidelines for the Accreditation of Certification Bodies for Environmental Management Systems", keevitustööde kvaliteedijuhtimissüsteemide sertifitseerimisorgan juhendi EA-6/02 "EA Guidelines on the Use of EN 45011 and EN 45012 for Certification to EN 729" ja nn EMAS-tõendaja (*verifier*) Euroopa Liidu Komisjoni eeskirja nr 761/2001 ja selle alusel antud juhiste nõuetele.

5.4 Akrediteerimisorgani logo kasutamisel peab sertifitseerimisorgan järgima juhendi EAK J9-2000 "EAK logo kasutamise ja akrediteeritusele viitamise kord EAK poolt akrediteeritud laborites ja organites" nõudeid.

Märkus: 1. Akrediteerimine viiakse läbi juhendi EAK J17-2002 "Sertifitseerimis/inspekteerimisorgani hindamise juhend" kohaselt.

NB! EAK juhendid on kättesaadavad EAK veebileheküljelt aadressil www.eak.ee ja EA dokumendid EA veebileheküljelt aadressil www.european-accreditation.org. Nimetatud dokumentide koopiaid võib saada ka EAK-st.

STANDARDID METROLOOGIALABORIS

1. Sissejuhatus

Metroloogia ja standardimine on olnud omavahel seotud juba kauaaegselt. Eelkõige oli see põhjustatud vajadusest, et mõõtmiste tulemused pidid olema samaväärselt mõistetavad maailma eri paikades. Esmalt said ühtlustuse nn mõõtenormaalid (kaasajal mõistetavad kui mõõteetalonid) põhilistele mõõtühikutele. Neid ei vormistatud küll dokumendina nagu standard, kuid omasid ülemaailmselt heakskiidetud definitsiooni. Edaspidi ühtlustati ka etalonide metroloogiline kontroll, sisuliselt kalibreerimise kujul, kuid jällegi ilma konkreetset standardit nende kohta vormistamata. Kalibreerimisprotseduur sai üldise heakskiidu. Siit tuleneb ka ingliskeelne väljend *standard*, mis tähendab nii mõõtevahendit etaloni kujul kui ka dokumenti standard.

Esimeste otseste standarditena metroloogiaalal vormistati naftasaaduste mahutite kalibreerimine API (*Americal Petroleum Institute, USA*) poolt eelmise sajandi kolmekümnendatel aastatel. Kaasajal on laiema leviku saanud standardina vastuvõetuna tööohutus- ja elektrimõõtmised (müra, vibratsiooni, valgustatuse, maandustakistuse jne mõõtmised). Harukondlike standarditena on kasutusel mõõtevahendite taatlusmetoodikad ning kaubakoguste mõõtemetoodikad.

2. Meetersüsteem kui standardimise üks aluseid

Keegi ei tea kui vana oskus mõõtmine on. Tõenäoliselt mõõdeti esmalt pikkust. Andmeid on, et varajased tsivilisatsioonid kasutasid meetodeid, mis võimaldasid saada võrreldavaid tulemusi pikkuste või raskuste mõõtmistel. Esiajaloolised raskused, so massi kajastavad kehad, on esile tulnud ca 7000.a. e.Kr. [1, ka edaspidised ajaloolised arvandmed samast allikast] kultuurides, mis asusid Niiluse, Eufrati ja Tiigrise jõe ümbrustel. Seal saavutas inimkond tõenäoliselt esimestena oskuse mõõta. Vanim olemasolev pikkusmõõt pärineb Babülooniast, kus on leitud vasklatist pikkusnormaal ca 2000.a. e.Kr. See on 110,35 cm pikk, mis tõenäoliselt vastas 64 sõrmelaiusele. Sumeri-babüloonia kultuuris esines raskusühik, mida nimetati mana ehk mina (477 gr) jaotamisega 1 mina = 60 shekel'it. Kaubavahetuse ja sõja läbi levisid babüloni mõõdud Egiptusse, Foiniikiasse ja Kreekasse. Seda kinnitavad vanad Kreeka mõõdud. Näiteks Kreeka pikkusühikud omasid sama suurusjärjestust kui babüloonia omad ja nimetati inimkeha järgi: 1 stadion - 600 jalga; 1 plethon - 100 jalga; 1 aln (küünar) - 1,5 jalga; 1 jalg - 16 daktylos; 1 spithame (ca 3 käelaiust) - 12 daktylos; 1 palaiste (käsi) - 4 daktylos; 1 daktylos (sõrmelaius) ca 1,90 cm.

Roomlased hakkasid kasutama Kreeka mõõte ca 300. a. e.Kr. Neil olid isegi oma mõõtenormaalid, mida hoiti suure hoolega. Pikkuse põhinormaal asus Kapitooliumis ja koopia oli müüritud ehitusametisse. Rooma pikkusühiku jalg, *pes*, suuruseks oli ca 0,2957 m ja seega vastas enam-vähem Kreeka omale. Roomlased omasid kahte jaotust jalale, millest varasem oli 1 pes = 12 uncia (1 uncia = 2,46 cm). Roomlased viisid sisse seega tollmõõdu.

Siiski esinesid erinevades maades eri süsteemid ning see tekitas segadust ühiskonnas. Briti maades kehtestati ühikud läbi ühiste normaalide, mida võiks tõlgendada juba kui rahvusvahelisi standardeid. See süsteem oli kasutusel aastatel 1558 kuni 1824. Koopiad inglise normaalidest saadeti impeeriumi asumaadesse. Seetõttu levis Inglise süsteem üle kogu maailma. Samaaegselt oli impeeriumis mõõtenormaale, millele ei olnud vastavusi mujal maailmas.

Tööstusrevolutsioon esitas siiski enam nõudeid mõõtmistele kui lubasid Elisabeth normaalid. Prantsusmaal alustati meetersüsteemi loomisega. Delambre ja Mechain sooritasid vajalikke mõõtmisi 1797. a sügiseks. Spetsiaalkomisjoni otsusel tegi Lenoir 1799.a. plaatinast pikkusmõõdu, arhiivmõõdu, koos teraskoopiaga ning seadistas komparaatori, mis võimaldas võrdluse meetermõõduga täpsusega enam kui 2/1000 mm.

Prantsusmaal sai meetersüsteem seadustatud 5. aprillil 1795.a. Selle järgi sai pikkusmõõt etalonväärtuse ja pikkusühik nimetati meetriks kreeka *metron* järgi. Meetersüsteem sai detsimaaljaotuse, kus üle- ja alamühikutele lisati

prefiks. Prefiksid tulid alamühikutele ladina keelest ja üleühikutele kreeka keelest.
Komisjoni otsuse alusel esitati 1791.a. massiühik pikkusühiku kaudu. Ühikuks sai gramm (kreeka *gramma*, väike viht), mis oli 1 cm^3 vee mass. Seda väikest ühikut ei saadud täpselt reprodutseerida ja selle asemel kasutati 1000 korda suuremat väärtust 1 kilogramm. Sellist massi omas 1 dm^3 destilleeritud vett temperatuuril ca 4 °C, kus vesi oli suurima tihedusega. Lenoir kehastas massiühiku plaatinast silindrina - arhiivkilogrammina. Samaaegselt defineeriti liiter, kui 1 kg destilleeritud vee maht 4 °C. Nimetus liiter tuli vanast prantsuse mahuühikust 1 litron - 0,81 l.
Lenoir plaatinanormaalid pikkusele ja massile jäid praktikas meetersüsteemi aluseks. Etalonide koopiad levisid Euroopas Napoleoni sõjalise edu abil. Meetersüsteemi ametlik seadustamine oli esimest korda 1869.a. prantsuse seaduse kaudu. Rahvusvaheliselt sanktsioneeriti meetersüsteem 20. mail 1875.a. 17 riigi poolt allakirjutamisega nn. Meeterkonventsioonina. Riikideks olid Argentiina, Belgia, Taani, Prantsusmaa, Itaalia, Peruu, Portugal, Venemaa, Sveits, Hispaania, Rootsi-Norra, Türgi, Saksamaa, USA, Venetsueela, Austria-Ungari.

3. Standardite vajadus metroloogialaboris

Metroloogiaalas on standardeid mõtekas luua kui nad on nõutavad ja vajalikud, kasutatavad, kokkulepitud laialdasel alusel, erapooletud ja planeeritud.
Metroloogialaborites on standardid vajalikud samadel põhjustel nagu muudes elusfäärides. Nii on standardimisest saadavaks kasuks:
- toodete ja protsesside eesmärgivastavuse parenemine, mis tagab nende parema kvaliteedi tarbija suhtes;
- tervishoiu, ohutuse ja keskkonnakaitse paranemine, mis on kaasajal eriti oluline seoses Eurodirektiivide rakendamisega;
- materjalide, energia ja tööressursside effektiivsem kasutamine. Siia alla kuuluvad ka riigihanked, eelkõige nõutava taseme määratlemiseks standardi alusel nii protsessile kui ka selle sooritajale;
- kaubanduslike tõkete vältimine ja erialase koostöö hõlbustamine. Siin on oluline põhimõte, mis võimaldab korraldada osapoolte vahel selge ja üheselt mõistetava kommunikatsiooni õiguslikult siduvate aktide alusel. Viidates mõõtestandardile on lihtne tõendada toote või materjali parameetreid või koguseid.

Standardi kasutamine on teatud tingimustel muudetud kohustuslikuks. Sellisteks juhtudeks on kaubanduslepingu, omavahelise lepingu või õigusakti nõue.

4. Standardite praktiline kasutamine Eesti metroloogialaborites

Kaasaja Eestis kuuluvad metroloogiaalasse laboritest eelkõige kalibreerimise, taatluse, töökeskkonna mõõtmiste, elektripaigaldiste mõõtmiste ning kaubakoguste mõõtmise laborid. Selliseid laboreid on arvuliselt palju ning peamised vajadused mõõtmiste osas on Eesti jaoks piisavad nii mõõteulatuse kui ka täpsuse osas.
Teatavasti katselaborite, siia alla kuuluvad ka kõik metroloogiaalal toimivad, kompetentsust tõendatakse vabatahtlikult kolmanda osapoole abil akrediteerimise viisil. Metroloogialaboritest suur osa on ka vastava kinnituse saanud. Teatud määral on seda soodustanud õigusaktide nõuded akrediteerituse olemasolule. Näiteks juhul kui soovitakse saada riigipoolset tegevuslitsentsi või osaletakse riigihangetes.
Metroloogialaborites on kasutusel laialdaselt rahvusvahelisi, rahvuslikke kui ka harukondlikke standardeid üldtegevuse ja mõõte-, taatlus- ning kalibreerimismetoodikate alusena, kui ka vastavusotsuse tegemiseks.

Üldlevinud standardite näidistena saab tuua alljärgnevaid:
- üldtegevuse standardid: kvaliteedisüsteemi alused EVS-EN ISO 17025 (otseselt katselaboris) ja EVS- ISO 9001, vähemal määral EVS-EN 14001;
- võrdluskatsed: ISO Juhend;
- andmete statistiline töötlemine: ISO standardid;
- üldmõõtmised: kaubakoguste kaalumine (EVS 745), tükikauba kogused (EVS 746), *draft survey* (erialaliitude standardid), naftasaaduste kogused (API standardid);
- tööohutusmõõtmised/ töökeskkonna mõõtmised: müra- ja vibratsioonimõõtmised (palju ISO ja EN standardeid), valgustatuse mõõtmine (DIN);
- puidu- ja saematerjalide mõõtmised: saematerjalide mõõtmed (EN, ISO, DIN), metsamaterjali kogused (erialaliitude standardid);
- elektripaigaldiste mõõtmised: IEC standardid;
- mõõtevahendite taatlus: põhinevad OIML kui ka IEC standardite põhimõtetel;

- kalibreerimismetoodikad on reeglina standariseerimata, kuid põhinevad üldtuntud meetoditel, standardiseeritud on mahutite kalibreerimine (API/ASTM standardid) ja vihtide kalibreerimine (OIML standard).
Metroloogialaborite akrediteerimine põhineb rahvusvahelistel standarditel, milleks on EN 45003 (akrediteerimisprotseduur). Samuti peab akrediteerimisorgan olema vastav standardite nõuetele (EN 45002 ja EN 45010). Eesti akrediteerimisorgan SA Eesti Akrediteerimiskeskus on rakendanud eelmainitud standardid täielikult.
Akrediteeritud metroloogialaborite üldandmed on tabelis 1.

Tabel 1 Akrediteeritud metroloogialaborite üldandmed Eestis seisuga 10.09.2002.

Ala	Akrediteeritute arv	Põhiparameetrid	Parimad täpsusandmed
Mõõtevahendite taatlus	15	Mass: 1 mg ÷ 200 t Pikkus: (0 ÷ 100) m Maht: min 1 ml	I OIML klass I OIML klass 0,2 %
Mõõtevahendite kalibreerimine	15	Mass: 1 kg Pikkus: (1 ÷ 100) mm Maht: 1 l	0,22 mg (0,03 + 0,6 *L*) µm 125 µl
Elektripaigaldiste mõõtmised	3	Maandustakistus: 0,01 Ω χ19,99 kΩ	2 %
Töökeskkonna mõõtmised	14	Valgustatus: (5 ÷ 2000) lx	5 %
Kaubakoguste mõõtmised	14	Mass: kuni 200 t Maht: kuni 50 000 m³	0,1 % 0,2 %

Kokkuvõttena on võimalik öelda, et Eesti metroloogialaborites on üle mindud rahvusvaheliselt tunnustatud standarditele ning nad suudavad rahuldada enamike klientide vajadusi kompetentsel tasemel.
Kirjandus: 1. Rolf Ohlon "Gamla mått och nya", 1986, AB Svensk Byggtjänst

Edi Kulderknup
Eesti Akrediteerimiskeskus

SEPTEMBRIKUU STANDARDID

EVS-EN 474-3:2002 Mullatöömasinad. Ohutus. Osa 3: Laaduritele esitatavad nõuded.
Standard esitab täiendavad nõuded ja/või erinevused standardist EN 474-1:1994 "Mullatöömasinad. Ohutus. Osa 1: Üldnõuded".Standard kehtib ISO 6165:1997 määratletud ratas- ja roomiklaadurite kohta ja esitab täiendavaid nõudeid tööseadistele ning lisaotstarbemasinatele (derivaatmasinatele).Standard kehtib ka kompaktlaadurite jaoks. Standard käsitleb laaduritele omaseid olulisi ohtusid, kui neid masinaid kasutatakse sihipäraselt ning tootja poolt ette nähtud tingimustes (standardi lisa A ja standardi EN 474-1:1994 lisa C). Teleskooplaadurid ei ole standardiga EN 474 hõlmatud.

EVS-EN 1553:2002 Põllumajandusmasinad. Põllumajanduslikud liikur-, ripp-, poolripp- ja haakemasinad. Üldised ohutusnõuded
Standard sätestab üldised ohutusnõuded ja nende õigeks tunnistamise aspektid igat liiki põllumajanduslike (juhi) pealistumisega liikurmasinate ning ripp-, poolripp- või haakemasinate, välja arvatud traktorid (nagu määratletud Euroopa Nõukogu direktiivi 74/150/EMÜ artiklis 1 (1)), põllumajanduslikud lennukid ja õhkpadjal sõidukid, projekteerimiseks ja ehitamiseks.

Standardi üksi kasutamine võib olla ebapiisav selleks, et käsitleda enamiku masinate jaoks kõiki olulisi ohte. Täiendavad ohutusnõuded ja erinevused (kõrvalekalded) on toodud C-tüüpi standardites, mis käsitlevad erimasinaid. Käesoleva standardi ja erimasinate standardite kooskasutamine võib anda asja juurde kuuluvad nõuded, ning C-tüüpi standardi olemasolu korral ületavad selle nõuded ja kõrvalekalded käesolevat standardit. Standard ei käsitle ohtlikke aineid, nagu kemikaalid või tolm. Käesolev standard ei käsitle neid masinaid, mille elektrivarustuse nimipinge on suurem kui 50 V.
Masina stabiilsus dünaamilises olukorras ei ole käesolevas standardis käsitletud.
Standardis käsitletud üldiste ohtude nimestik on toodud lisas A. Lisa A näitab ka ohud, mida ei ole käsitletud või mida on osaliselt käsitletud. See lisa on nimestik nendest olulistest ohtudest, mis on ühised põllumajanduslikele liikur-, ripp-, poolripp- ja haakemasinatele. Selles lisas A võivad paljud erimasinate ohud olla mitte käsitletud. Keskkonnaaspekte ei ole käesolevas standardis arvesse võetud.
Standard kehtib peamiselt nendele masinatele, mis on valmistatud pärast standardi väljaandmise kuupäeva.

EVS-EN 1853:2002 Põllumajandusmasinad. Kallurhaagised. Ohutus
Standard määrab kindlaks (spetsifitseerib) eriomased (spetsiifilised) ohutusnõuded ning nende kontrollimise korra põllumajanduslike kallurkastiga täis- ja poolhaagiste konstrueerimiseks ja valmistamiseks, kusjuures põllumajandushaagise mõiste viitab veokile, mida põllumajanduses kasutatakse üksnes vedudeks ning mis konstruktsioonist tulenevalt on kohandatav ja ette nähtud traktoriga või põllumajandusliku liikurmasinaga vedamiseks.
Käesolev standard ei ole rakendatav eemaldatava veokastiga haagistele.
Lisaks esitab see standard näidisteabe tootja poolt ette nähtud ohutute töötamistavade kohta.
Käesolevas standardis käsitletud oluliste ohtude nimestik on toodud lisas A. Lisa A näitab ka ohud, mida ei ole käsitletud. Keskkonnaaspekte ei ole käesolevas standardis arvesse võetud.

EVS-ISO 5682-1:2002 Taimekaitseseadmed. Pritsimisseadmed. Osa 1: Pritsi pihustite katsemeetodid
Standardi ISO 5682 käesolev osa esitab üksikasjalikult (spetsifitseerib) meetodid hüdraulilise pihustamisega hüdropritsipihustite täpsuse hindamiseks.
See kehtib ainult taimekaitseks ja väetamiseks kasutatavate põllumajanduslike ripp-, haake- ja liikurpritside hüdropihustitele.

EVS-ISO 5682-2:2002 Taimekaitseseadmed. Pritsimisseadmed. Osa 2: Hüdropritside katsemeetodid
Standardi ISO 5682 käesolev osa esitab üksikasjalikult (spetsifitseerib) põllukultuuride hüdropritside katsetamise ning tootlikkuse ja jaotamise täpsuse hindamise meetodid.
See on rakendatav põllumajanduslikele põllukultuuride hüdropritsidele, välja arvatud käsipritsid ja lennukitele paigaldatud pritsid.

KVALITEET

Ilmus Briti infoturbe standardi teise osa **BS 7799-2** ***Information Security Management - specification for information security management systems*** ümbertöötlus.
Standard on uuesti läbi vaadatud, et ühtlustada see teiste juhtimissüsteemide standarditega - kvaliteedijuhtimisstandarditega ISO 9000 ja keskkonnajuhtimisstandarditega ISO 14000. Standard asendab eelmise versiooni BS 7799-2:1999.
Briti infoturbe standardi uus versioon töötati välja eesmärgiga:

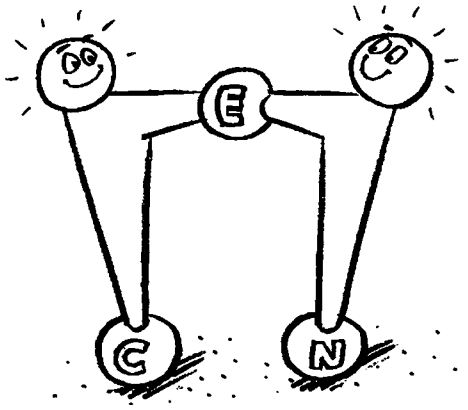
- Harmoneerida see teiste juhtimissüsteemide standarditega aitamaks organisatsioone juhtimissüsteemide integreerimisel ja kolmanda osapoole kombineeritud auditite läbiviimise hõlbustamiseks.
- Kindlustada infoturbe areng pideva parendamise protsessi rakendamise teel.
- Juurutada OECD infosüsteemide ja võrkude turvalisuse tagamise põhimõtted.

Mida uuest versioonist tähele panna:

1. Plaani-Teosta-Kontrolli-Korrigeeri mudel
2. protsessikeksne lähenemine

3. parendatud riski hindamise protsessi, kontrolli ja kohaldatavuse deklaratsiooni (Statement of Applicability) määratlused ja selgitused
4. Lisa, mis pakub juhiseid uue versiooni rakendamiseks
5. Lisa, mis näitab seoseid BS 7799-2:2002, ISO 9001:2000 ja ISO 14001:1996 vahel

CEN UUDISED



OLULINE UUS EUROKOODEKS

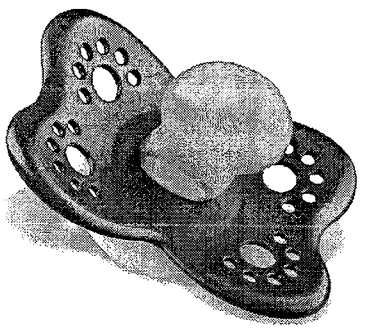
EN 1990:2002 *Eurocodes - Basis of structural design*
Ehituskonstruktsioonide projekteerimise alused

Standardi eesti keelde tõlgitud versioon on käesoleval ajal arvamusküsitlusel.
Euroopa Komisjon otsustas 1975. a toetudes riikidevahelise Rooma lepingu artiklile 95 alustada ehituskonstruktsioonide projekteerimisreeglite ühtlustamist. Programmi eesmärgiks oli kaubanduse tehniliste tõkete kõrvaldamine ja tehniliste tingimuste ühtlustamine.
Programmi tulemusena töötati välja eurokoodeksid, mis olid aastatel 1991 - 1999 avaldatud Euroopa eelstandarditena ENV. Käesoleval ajal toimub nende alusel Eurropa standardite EN koostamine, paljud neist on juba kavandi staadiumis (prEN).
Esimene eurokoodeks on nüüd ilmunud Euroopa standardina. See asendab Euroopa eelstandardi ENV 1991-1:1996, mis on tunnistatud kehtetuks.
EN 1990 kirjeldab konstruktsioonide ohutuse, kasutatavuse ja kestvusega seotud põhimõtteid ja nõudeid.
Ehitiste kandekonstruktsioonide Eurokoodeksite programm hõlmab järgmisi standardeid, mis tavaliselt koosnevad reast osadest:

EN 1990	Eurokoodeks	Ehituskonstruktsioonide projekteerimise alused
EN 1991	Eurokoodeks 1	Konstruktsioonide koormused
EN 1992	Eurokoodeks 2	Raudkonstruktsioonide projekteerimine
EN 1993	Eurokoodeks 3	Teraskonstruktsioonide projekteerimine
EN 1994	Eurokoodeks 4	Terasest ja betoonist komposiitkonstruktsioonide projekteerimine
EN 1995	Eurokoodeks 5	Puitkonstruktsioonide projekteerimine
EN 1996	Eurokoodeks 6	Kivikonstruktsioonide projekteerimine
EN 1997	Eurokoodeks 7	Geotehniline projekteerimine
EN 1998	Eurokoodeks 8	Ehitiste projekteerimine maavärinat taluvaks
EN 1999	Eurokoodeks 9	Alumiiniumkonstruktsioonide projekteerimine

UUS EUROOPA RÕNGASLUTTIDE STANDARD

Ilmunud on uus Euroopa standard beebide rõngas- e kuivluttide kvaliteedi ja ohutuse kohta. Rõngaslutid on mõeldud beebide imemistarbe rahuldamiseks ja nende rahustamiseks. Muidugi peavad need olema kvaliteetsed ja beebidele ohutud.

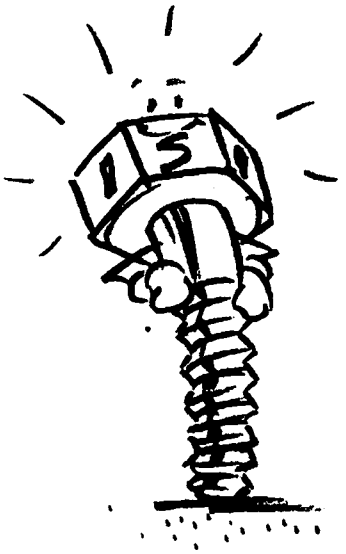


Standardi esimeses osas on toodud põhilised ohutusnõuded ja see sätestab tooteinfo esitamise. Teine osa spetsifitseerib luttide toimimise mehaanilised katsed - torkeaugu, rõnga, vastupidavuse hammustamisele ja rebimisele jne.
Standardi kolmandas osas on toodud keemilised nõuded kahjulike ainete migratsiooni vältimiseks.

Siiani toodeti rõngaslutte erinevates riikides paljude erinevate standardite alusel. Näiteks Inglismaal toodetud rõngaslutte ei saanud müüa Hollandis ja vastupidi. Ekspertide (siia hulka kuulusid ka tarbijate esindajad, laborid, tootjad, mitmete riikide valitsused ja standardiorganisatsioonid) pikkade ja tuliste vaidluste põhjal töötati välja üleeuroopaline lahendus, mis vormus standardiks EN 1400 *Soothers for babies and young children.*
Standardi koostanud CEN töörühma nõustaja hr Peter Röhrig ütles "Tootjana pean ma olema veendunud, et minu toode vastab kõrgeimaile võimalikele standarditele, sest meie tooted on mõeldud kõige tundlikumatele tarbijatele - meie beebidele. Seejuures on ohutus sätestatud kõige kõrgemal tasemel ja kõik rõngasluttide ohutuse aspektid on esmakordselt koondatud ühte standardisse, nii et tarbijad ostes lutti võivad olla kindlad selle ohutuses.
Standard kuulub ka viitamisele Euroopa Liidu ametlikus väljaandes, selle nõuete järgimine annab vastavuse üldisele tooteohutusdirektiivile 2001/95/EC. Kuna see direktiiv ei ole Uue lähenemisviisi direktiiv, siis CE märgistus rõngasluttidel pole nõutav.

UUS KONDOOMISTANDARD

Ilmunud on uus standard EVS-EN ISO 4074:2002 Looduslikku kautšukit sisaldavast lateksist meeste kondoomid.
Standard asendab seni Euroopas ja mujal maailmas kehtinud erinevad standardid - eelmise samateemalise kümneosalise rahvusvahelise standardi ja Euroopa standardi EVS-EN 600.
Uus standard on Eesti standardina kasutuselevõetud Euroopa standard, mis on ühtlasi ka rahvusvaheline standard. Seega on nüüd kogu maailmas kehtiv ühtne standard meeste kondoomidele.
Standard kehtestab kondoomi miinimumsuuruse, mis on 160 mm. Läbimõõt võib kõikuda tootja poolt määratust ±2 mm.
Toote suuruse märgistuses võib tootja valikul kasutada numbreid, tähti ja sümboleid. Sümbolite kasutamist reguleerivad teised standardid (ISO 15223 ja EN 980)
Standard kehtestab nõuded ka pakendile ja säilitamisele. Kuumus on loodusliku kautšuki säilimise suurim vaenlane. Putkades müügil olevad ja päikese käes pleekinud kondoomid on sageli kasutamiseks kõlbmatud.
Kondoom käib meditsiinivahendite direktiivi alla ning seetõttu peavad Euroopas müügilolevad kondoomid olema varustatud CE märgistusega ning selle kui meditsiinivahendi tootmine peab kvaliteedi tagamiseks vastama ISO 9000 ja teiste vastavate standardite nõuetele.
Standardis on palju tähelepanu pööratud katsemeetoditele, sest kondoom on elastne ja õhuke ning peab olema eriti vastupidav. Rohketes lisades on nõuded eriti tugevatele kondoomidele ning palju tehnilist taustinfot katsetamiseks (nt tugevuskatsed õhu ja vedelikuga täidetult, kuumas ahjus jne).



ISO UUDISED

VALIMISED ISO TEHNILISSE HALDUSKOGUSSE

ISO TMB (Technical Management Board) uuteks liikmeteks 2003 - 2005. a valiti

2. rühm	3. rühm
SAC (Hiina)	DS (Taani)
UNI (Itaalia)	DSM (Maleesia)
	SNZ (Uus-Meremaa)

Seega kuulub ISO TMB-sse 2003. aastast 12 liiget

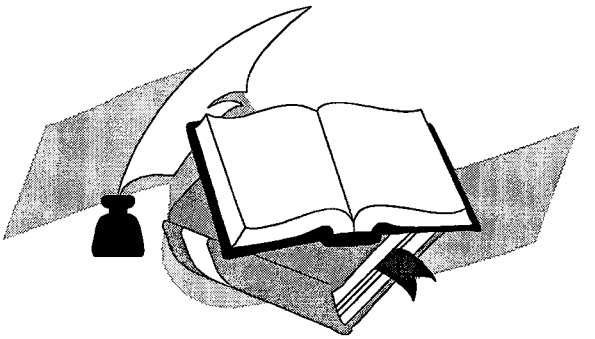
AFNOR, Prantsusmaa (2005)	DSM, Maleesia ((2005)
ANSI, USA (2003)	ICONTEC, Kolumbia (2004)
BSI (Ühendkuningriigid) (2003)	JISC, Jaapan (2004)
DS, Taani (2005)	NEN, Holland (2004)
	Sac, Hiina (2005)
	SNZ, Uus Meremaa (2005)
	UNI, Itaalia (2005)

UUS ISO STANDARD TÕLKE KVALITEEDI PARANDAMISEKS

Esimene tõlkeprotsessi terminoloogia juhtimise rahvusvaheline standard ISO 12616 *Translationoriented terminology* koostati eesmärgiga parandada tõlgete kvaliteeti ja tõsta tõlkimise tootlikkust. Standard pakub tõlkidele ja neid abistavale personalile protseduure terminoloogilise info kiireks ja lihtsaks salvestamiseks, säilitamiseks ja leidmiseks.
Standard maksab CHF 104.-

UUED TRÜKISED

Rahvusvahelise Kaubanduskeskuse väljaandel on ilmunud vastuste raamat väike- ja keskmise suurusega ettevõtetele *EXPORT QUALITY MANAGEMENT*



Küsimused ja vastused ekspotööridele kvaliteedi kontrolli ja juhtimise kõigi aspektide osas katavad õigusakte, standardeid, akrediteerimist, tootesertifitseerimist, katsetamist, metroloogiat, kvaliteedijuhtimist. Selgitatakse ISO 9000 ja ISO 14000 ning HACCP (kriitiliste kontrollpunktide riskianalüüs) jne.
Väljaandega saab tutvuda EVS raamatukogus

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@mineco.ee
Eelnõude terviktekstid ja info EVS Teabekeskusest Signe Ruut tel 605 5062, faks 605 5063, enquiry@evs.ee

WTO SEKRETARIAADILT SAABUNUD TBT TEATISED

NUMBER & ESITAMIS-KUUPÄEV	RIIK	TOODE/KAUP/ TEENUS	EESMÄRK	KOMMEN-TAARIDE ESITAMISE VIIMANE KUUPÄEV
G/TBT/N/JPN/51 15. august 2002	JAAPAN	raadioseadmed	tehnilised nõuded	31. oktoober 2002

G/TBT/N/VEN/16 16. august 2002	VENETSUEELA	kiirliim	tervis ja keskkonnakaitse	30. september 2002
G/TBT/N/VEN/17 16. august 2002	VENETSUEELA	kiirguskaitse, nõuded (röntgen, kiiritusravi, jne.)	inimeste elu ja ohutus	30. september 2002
G/TBT/N/VEN/18 16. august 2002	VENETSUEELA	alumiiniumsulamist rattad sõiduautodele	inimeste elu ja ohutus	31. juuli 2002
G/TBT/N/AUS/11 19. august 2002	AUSTRAALIA	MF ja HF rahvusvahelised laeva mobiil-raadiotelefoni-seadmed	tehnilised nõuded	15. mai 2002
G/TBT/N/GBR/3 21. august 2002	ÜHENDATUD KUNINGRIIK	ravimid (Kava-Kava ehk *Piper methysticum*)	keelustamine	2. oktoober 2002
G/TBT/N/CZE/55 21. august 2002	TŠEHHI	madalpinge elektriseadmed	vastavus EÜ nõuetega	16. september 2002
G/TBT/N/CZE/56 21. august 2002	TŠEHHI	toodete elektromagnetiline ühilduvus	vastavus EÜ nõuetega	16. september 2002
G/TBT/N/CZE/57 21. august 2002	TŠEHHI	mänguasjad	vastavus EÜ nõuetega	16. september 2002
G/TBT/N/CZE/58 21. august 2002	TŠEHHI	eraldi surveseadmed	vastavus EÜ nõuetega	16. september 2002
G/TBT/N/CZE/59 21. august 2002	TŠEHHI	isikukaitsevahendid	vastavus EÜ nõuetega	16. september 2002
G/TBT/N/CZE/60 21. august 2002	TŠEHHI	küttegaasiseadmed	vastavus EÜ nõuetega	16. september 2002
G/TBT/N/CZE/61 22. august 2002	TŠEHHI	seadmed ja kaitsesüsteemid plahvatusohtlikus keskkonnas	vastavus EÜ nõuetega	16. september 2002
G/TBT/N/CZE/62 22. august 2002	TŠEHHI	masinaohutus	vastavus EÜ nõuetega	16. september 2002
G/TBT/N/CZE/63 22. august 2002	TŠEHHI	vedel- või gaasiküttel töötavad katlad	vastavus EÜ nõuetega	16. september 2002
G/TBT/N/CZE/64 22. august 2002	TŠEHHI	surveseadmed	tehnilised nõuded, vastavus EÜ nõuetega	16. september 2002
G/TBT/N/CZE/65 22. august 2002	TŠEHHI	liftid	vastavus EÜ nõuetega	16. september 2002
G/TBT/N/CZE/66 22. august 2002	TŠEHHI	vastavusmärk	märgi mõõtmed	16. september 2002
G/TBT/N/KOR/38 27. august 2002	KOREA VABARIIK	päästevestid	muudatus seaduses	31. august 2002
G/TBT/N/KOR/39 27. august 2002	KOREA VABARIIK	geneetiliselt muudetud kalatooted (töötlemata)	tarbijainfo	30. september 2002
G/TBT/N/KOR/40 28. august 2002	KOREA VABARIIK	ravimid	inimeste tervise kaitse	30. september 2002
G/TBT/N/PHL/ 23, 24 28. august 2002	FILIPIINID	elektrijuhtmed ja kaablid – vaskjuhtmed ja termoplastikust juhtmed ja kaablid ICS: 29.060	tarbijakaitse	20. oktoober 2002
G/TBT/N/COL/19 28. august 2002	KOLUMBIA	veterinaarravimid	loomade tervise kaitse	15. oktoober 2002
G/TBT/N/CAN/44 28. august 2002	KANADA	kolmerattalised sõidukid ICS: 43.100; 43.140	ohutus	31. oktoober 2002
G/TBT/N/NLD/ 48, 49 29. august 2002	HOLLAND	telekommunikatsiooni-võrgud ja –teenused, seadmed	sageduste korrastamine	25. oktoober 2002
G/TBT/N/MYS/3 29. august 2002	MALAISIA	geneetiliselt muudetud toidud	tarbijakaitse	21. oktoober 2002

G/TBT/N/BRA/46 29. august 2002	BRASIILIA	alkomeetrid	tüübikinnituse kord ja tarbijakaitse	-
G/TBT/N/BRA/47 30. august 2002	BRASIILIA	klaastermomeetrid	tarbijate ohutus	-
G/TBT/N/DNK/12 30. august 2002	TAANI	reisilaevad	tehnilised nõuded	15. oktoober 2002
G/TBT/N/DNK/13 30. august 2002	TAANI	ohtlike kaupade transport merel	Taani, Eesti, Läti, Leedu, Soome, Poola ja Rootsi vaheline leping, ohutusnõuded	1. november 2002
G/TBT/N/NLD/50 3. september 2002	HOLLAND	uuesti täidetavad pudelid ja õllekastid	deformatsiooni kõrvaldamine	1. november 2002
G/TBT/N/HKG/11 3. september 2002	HIINA HONG KONG	laserprinter	tarbijate teadlikkuse tõstmine	22. november 2002
G/TBT/N/HKG/12 3. september 2002	HIINA HONG KONG	kuivati (HKHS Code 8479 8910)	tarbijate teadlikkuse tõstmine	22. november 2002
G/TBT/N/ZAF/16 4. september 2002	LÕUNA-AAFRIKA	toiduained	tarbijainfo: märgistusnõuded	8. november 2002
G/TBT/N/USA/23 4. september 2002	USA	laevade ja maanteemootorrataste väljalase	nõuded	8. november 2002
G/TBT/N/MEX/ 29, 30 4. september 2002	MEHHIKO	vastavushindamis-protseduurid	energiasäästlikkus ja loodusvarade kaitsmine	17. september 2002
G/TBT/N/CZE/67 4. september 2002	TŠEHHI	raadio- ja telekommunikatsiooni-terminaliseadmed	seadusandluse vastavusse viimine EÜ seadustega	30. september 2002
G/TBT/N/BRA/49 4. september 2002	BRASIILIA	lutid, toitmispudelid	märgistusnõuded ja rahvatervis	-
G/TBT/N/BRA/50 4. september 2002	BRASIILIA	autobensiin	tarbijate ohutus, pettuste ennetamine	-
G/TBT/N/BRA/51 4. september 2002	BRASIILIA	määrdeõlid	tarbijate ohutus	-
G/TBT/N/BRA/52 4. september 2002	BRASIILIA	töödeldud maagaas kasutamiseks tööstuses, kodus, kaubanduses	tarbijate ohutus, pettuste ennetamine	-
G/TBT/N/TPKM/2 10. september 2002	TAIWANI, PENGHU JA MATSU ERALDI TOLLI-TERRITOORIUM	keraamilised kraanikausid	vastavushindamine ja kontroll	10. september 2002
G/TBT/N/MEX/32 10. september 2002	MEHHIKO	konteinerid ja pakendid ohtlike ainete ja jäätmete transportimiseks	ohutus	13. oktoober 2002
G/TBT/N/VEN/20 11. september 2002	VENETSUEELA	portlandtsement	miinimumnõuded/ inimeste elu jaohutus	4. oktoober 2002
G/TBT/N/VEN/21 11. september 2002	VENETSUEELA	kuumvaltsitud võrdkülgne nurkteras	miinimumnõuded/ inimeste ohutus	4. oktoober 2002
G/TBT/N/VEN/22 11. september 2002	VENETSUEELA	kuumvaltsitud terasest kaldäärikuga karpraud	miinimumnõuded/ inimeste ohutus	4. oktoober 2002
G/TBT/N/VEN/23 11. september 2002	VENETSUEELA	kald/koonusäärikuga I-tala	inimeste ohutus	4. oktoober 2002
G/TBT/N/VEN/ 19, 24 11. september 2002	VENETSUEELA	elektrilised rallirajad	miinimumnõuded ja katsemeetodid/ inimeste ohutus	4. oktoober 2002
G/TBT/N/ISR/5 11. september 2002	IISRAEL	keraamilised tualettpotid	tervise- ja keskkonnakaitse	60 päeva
G/TBT/N/ISR/6 11. september 2002	IISRAEL	tööstuses kasutatavad kaitsekiivrid	isikukaitse ja ohutus	60 päeva

G/TBT/N/ISR/7 11. september 2002	ISRAEL	laste (võre)voodid ICS: 97.140, 97.140 HS: 9403.50.90	tarbijate ohutus	60 päeva
G/TBT/N/ISR/8 11. september 2002	ISRAEL	mänguasjad ICS: 97.200.50, HS: 95	tarbijate tervis ja ohutus	60 päeva
G/TBT/N/CHL/34 11. september 2002	TŠIILI	tööstusehitised ja -paigaldised	ohutus	15. november 2002
G/TBT/N/MEX/33 12. september 2002	MEHHIKO	vedela maagaasi säilitusseadmed	ohutusnõuded	-
G/TBT/N/MEX/34 12. september 2002	MEHHIKO	nõuded ja katsemeetodid ohtlike ainete, materjalide ja jäätmete konteinerite ehitamiseks ja taastamiseks	ohutus ja kvaliteet	19. november 2002
G/TBT/N/CAN/45 12. september 2002	KANADA	raadiosideseadmed ICS: 33.060.01	võrgu kaitse	29. november 2002
G/TBT/N/JPN/53 13. september 2002	JAAPAN	margariin HS: 1517.10	märgistusnõuded/ tarbijakaitse	22. november 2002
G/TBT/N/JPN/54 13. september 2002	JAAPAN	salatikastmed HS: 2103.90	informatsioon etiketil/tarbijakaitse	22. november 2002
G/TBT/N/ZAF/17 17. september 2002	LÕUNA AAFRIKA	konserveeritud/ töödeldud puuvili	klassifitseerimine, pakendamine ja märgistamine	90 päeva
G/TBT/N/TPKM/3 19. september 2002	TAIWANI, PENGHU JA MATSU ERALDI TOLLI-TERRITOORIUM	elektri ja elektroonikatooted	kiirendada kaubakontrolli	60 päeva
G/TBT/N/TPKM/4 19. september 2002	TAIWANI, PENGHU JA MATSU ERALDI TOLLI-TERRITOORIUM	76 šabloontoodet	parandada ja kiirendada vastavushindamis-protseduure	60 päeva
G/TBT/N/THA/ 86, 87 19. september 2002	TAI	farmaatsiatooted HS: 30, ICS: 11.120	tarbijakaitse	60 päeva
G/TBT/N/THA/ 88, 89 19. september 2002	TAI	kaaliumpermanganaat HS: 2841.61, ICS: 71.060.01	tarbijakaitse	60 päeva
G/TBT/N/GBR/4 20. september 2002	ÜHENDATUD KUNINGRIIK	ravimid	patsientide kaitse	9. detsember 2002
G/TBT/N/BRA/53 20. september 2002	BRASIILIA	eelpakendatud toidud	märgistusnõuded	-

WTO SEKRETARIAADILT SAABUNUD SPS TEATISED

NUMBER & ESITAMIS-KUUPÄEV	RIIK	MÕJUTATAV PIIRKOND/ RIIK	TOODE	EESMÄRK	KOMMEN-TAARIDE ESITAMISE VIIMANE KUUPÄEV
G/SPS/N/MEX/189 5. august 2002	MEHHIKO	kõik riigid	krevetid	toiduohutus	-

G/SPS/N/COL/65 13. august 2002	KOLUMBIA	kõik riigid	veised, lambad, sead ja teised Suu- ja sõrataudiohtlikud liigid ja nendest tooted	loomatervis	22. september 2002
G/SPS/N/COL/66 19.august 2002	KOLUMBIA	kõik riigid	veterinaarsed meditsiinitooted	loomatervis	15. oktoober 2002
G/SPS/N/CHL/110 19. august 2002	TŠIILI	kõik riigid	kuivatatud puu- ja juurvili	taimekaitse	30. september 2002
G/SPS/N/CHL/111 19. august 2002	TŠIILI	kõik riigid	kuivatatud tšillipipar ja paprika	taimekaitse	30. september 2002
G/SPS/N/CHL/112 19. august 2002	TŠIILI	kõik riigid	maa-alused ehitused dekoratiiv-taimeliikide vegetatiivseks paljundamiseks	taimekaitse	30. september 2002
G/SPS/N/BRA/68 19. august 2002	BRASIILIA	kõik riigid	nisu (Triticum spp)	taimekaitse	-
G/SPS/N/BRA/69 19.august 2002	BRASIILIA	kõik riigid ja piirkonnad	toidulisandit E 425 Konjac sisaldavad tarretise-maiustused	toiduohutus	-
G/SPS/N/TPKM/7 19. august 2002	TAIWANI, PENGHU, KINMENI JA MATSU ERALDI TOLLI-TERRITOORIUM	USA ja Kanada	hirvelised, nende sperma ja embrüod/ munarakud	loomatervis	-
G/SPS/N/USA/ 634, 635 21. august 2002	USA	kõik kaubandus-partnerid	pestitsiidid – clopyralid, methoxyfenozide	toiduohutus	13. september 2002
G/SPS/N/KOR/113 23. august 2002	KOREA VABARIIK	-	Quercus spp., Lithocarpus spp., Huckleberry (Vaccinum ovatum), Rhododendron spp., Madrone (Arbutus menziesii), Bay Laurell (Umbelluaria californica) paljundusmaterjal	taimekaitse	-
G/SPS/N/KOR/114 23. august 2002	KOREA VABARIIK	kõik riigid	kodustes tingimustes peetavad elus veeloomad - karpkalad, kogred, merlangid	toiduohutus	15. oktoober 2002
G/SPS/N/KOR/115 23. august 2002	KOREA VABARIIK	-	pestitsiidid ja aflatoxin	toiduohutus	16. oktoober 2002
G/SPS/N/CAN/142 28. august 2002	KANADA	kõik riigid ja piirkonnad	veetaimed ja metsasaadustega seotud taimed (060290)	taimekaitse	18. oktoober 2002
G/SPS/N/USA/ 632, 633 29. august 2002	USA	kõik kaubandus-partnerid	fosfororgaanilised pestitsiidid	toiduohutus	-

G/SPS/N/USA/636 29. august 2002	USA	kaubandus-partnerid	mesilased ja nendega seotud kaubad	loomatervis	18. november 2002
G/SPS/N/USA/ 637 - 642 29. august 2002	USA	kõik kaubandus-partnerid	pestitsiidid – Pronamide, BAY MKH-6561, Dimethomorph, Glufosinate-ammonium, Spinosad, väävelhape	toiduohutus	20. september 2002
G/SPS/N/ARG/69 3. september 2002	ARGENTIINA	kõik riigid	lõikelilled, õied, puuviljad ja puulehed dekoreerimiseks	territooriumi kaitsmine kahjurite eest	23. september 2002
G/SPS/N/NZL/183 4. september 2002	UUS MEREMAA	Austraalia	laamade ja alpakade embrüod	loomatervis	8. november 2002
G/SPS/N/CAN/143 11. september 2002	KANADA	-	Imidacloprid (ICS: 65.100.10)	toiduohutus/ taimekaitse	-
G/SPS/N/KOR/116 11. september 2002	KOREA VABARIIK	kõik kaubandus-partnerid	Toiduained inimtarbeks piim ja piimatooted, liha ja lihatooted, muna ja munatooted jne	toiduohutus	15. oktoober 2002
G/SPS/N/KOR/117 11. september 2002	KOREA VABARIIK	kõik kaubandus-partnerid	imporditud loomsed tooted	toiduohutus	30. september 2002
G/SPS/N/KOR/118 12. september 2002	KOREA VABARIIK	kõik kaubandus-partnerid	ravimid	inimeste kaitsmine looma-/taime-haiguste eest	30. september 2002
G/SPS/N/JPN/86 11. september 2002	JAAPAN	kõik riigid	toit ja toidulisandid ning nende seadmed ja pakendid	toiduohutus	-
G/SPS/N/THA/ 90, 91 13. september 2002	TAI	-	loomasööt (HS Chapter 23.09, ICS : 65.120)	toiduohutus	-
G/SPS/N/NZL/184 18. september 2002	UUS MEREMAA	USA, California osariik	viinamarjad (*Vitis vinifera*)	inimeste kaitsmine looma-/taimehaiguste eest	6. november 2002
G/SPS/N/NZL/186 18. september 2002	UUS MEREMAA	Austraalia	külmutatud hirvaste sperma	loomatervis	12. november 2002
G/SPS/N/TPKM/8 18. september 2002	TAIWANI, PENGHU, KINMENI JA MATSU ERALDI TOLLI-TERRITOORIUM	kõik riigid	söögiks kõlbmatud kuivatatud loomsed tooted	loomatervis	22. september 2002
G/SPS/N/PHL/44 20. september 2002	FILIPIINID	kõik riigid	liha ja piim	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).

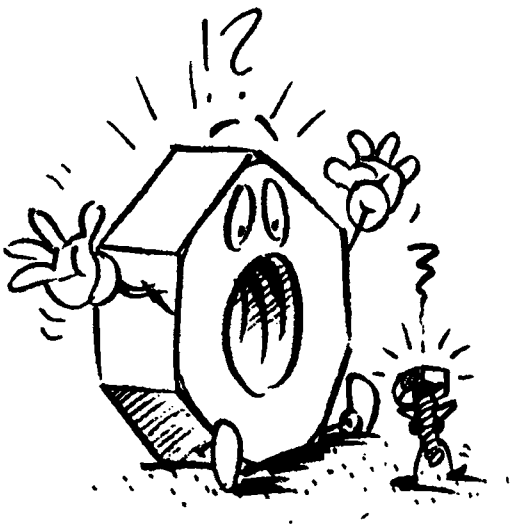
EVS Teatajas on kavandid identifitseeritud sellele standardite andmebaasis omistatud projekti numbri järgi (nt prEVS 18958), kavandite saamiseks on soovitatav ära näidata ka kavandiga identse standardi tähis. Teavet Eesti standardimisprogrammist saab standardiosakonnast.

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. Juveelitooted
43 Maanteesõidukite ehitus
45 Raudteetehnika
47 Laevaehitus ja mereehitused
49 Õhusõidukid ja kosmosetehnika
53 Tõste- 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



01.040.19
Katsetamine (sõnavara)

Testing (Vocabularies)

KAVANDITE ARVAMUSKÜSITLUS

prEVS 39982
Tähtaeg: 2002-11-01
Identne IEC 60068-5-2:1990
ja identne EN 60068-5-2:1999
Environmental testing - Part 5: Guide to drafting of test methods - Terms and definitions
Defines terms used in the environmetal testing of electrotechnical products such as components, sub-assemblies, assemblies and equipments.

01.040.25
Tootmistehnoloogia (sõnavara)

Manufacturing engineering (Vocabularies)

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53773
Tähtaeg: 2002-12-01
Identne EN 13622:2002
Gas welding equipment - Terminology - Terms used for gas welding equipment
This standard constitutes a compilation of technical terms and definitions specificly related to gas welding equipment.

01.040.29
Elektrotehnika (sõnavara)

Electrical engineering (Vocabularies)

KAVANDITE ARVAMUSKÜSITLUS

prEVS 30964
Tähtaeg: 2002-11-01
Identne IEC 60674-1:1980
ja identne EN 60674-1:1998
Specification for plastic films for electrical purposes - Part 1: Definitions and general requirements
This standard is applicable to plastic films used for electrical purposes. This Part 1 gives definitions for, and specifies general requirements to be fulfilled by, plastic films used for electrical purposes.
prEVS 53748
Tähtaeg: 2002-11-01

Identne IEC 61086-1:1992
ja identne EN 61086-1:1994
Specification for coatings for loaded printed wire boards (conformal coatings) - Part 1: Definitions, classification and general requirements
Gives the definition, classification and general requirements for electrical insulating materials suitable for application as coatings for loaded printed wire boards (conformal coatings).

01.040.77
Metallurgia (sõnavara)

Metallurgy (Vocabularies)

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53819
Tähtaeg: 2002-12-01
Identne prEN 14057:2002
Lead and lead alloys - Scraps - Terms and definitions
This European Standard defines specific terms which are helpful for the communication within the lead industry and its customers relating to scrap of lead and lead alloys

01.060
Suurused ja ühikud

Quantities and units

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53974
Tähtaeg: 2002-12-01
Identne IEC 60027-3:1989+ A1:2000
ja identne HD 245.3 S3:2001
Letter symbols to be used in electrical technology - Part 3: Logarithmic quantities and units
Applies to logarithmic quantities and units. Quantities that can be expressed as the logarithm of a dimensionless quantity, such as the ratio of two physical quantities of the same kind, can be regarded and treated in different ways. In many cases, differences do not affect practical treatment.

01.075
Tähtede tingtähised

Character symbols

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53974
Tähtaeg: 2002-12-01
Identne IEC 60027-3:1989+ A1:2000
ja identne HD 245.3 S3:2001
Letter symbols to be used in electrical technology - Part 3: Logarithmic quantities and units
Applies to logarithmic quantities and units. Quantities that can be expressed as the logarithm of a dimensionless quantity, such as the ratio of two physical quantities of the same kind, can be regarded and treated in different ways. In many cases, differences do not affect practical treatment.

01.080.20
Eriseadmete graafilised tingtähised

Graphical symbols for use on specific equipment

UUED STANDARDID

EVS-EN ISO 7287:2002
Hind 109,00
Identne ISO 7287:2002
ja identne EN ISO 7287:2002
Termolõikamisseadmete graafilised tingmärgid
This International Standard covers graphical symbols which are to be placed on thermal cutting equipment in order to instruct the persons handling the equipment as to its use and operation.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53820
Tähtaeg: 2002-11-01
Identne IEC 80416-1:2001
ja identne EN 80416-1:2001
Basic principles for graphical symbols for use on equipment - Part 1: Creation of symbol originals
This Part 1 of the standard specifies the key principles for the creation of symbol originals for use on equipment. In accordance with the intended meaning of the symbol originals, it contains rules for design such as shape and size, and also for preparation of the accompanying texts.
prEVS 53975
Tähtaeg: 2002-12-01
Identne ISO 80416-2:2001
ja identne EN 80416-2:2001
Basic principles for graphical symbols for use on equipment - Part 2: Form and use of arrows
ISO 80416-2 lays down the basic principles and the proportions for arrows used to indicate various elements, forces, functions or dimensions. The arrows defined in ISO 80416-2 are used as graphical symbols or graphical symbol elements.

03.080.30
Tarbijateenused

Services for consumers

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53745
Tähtaeg: 2002-12-01
Identne prEN 14413-1:2002
Recreational diving services - Safety related minimum requi for the training of scuba instructors - Part 1: Level 1
This European Standard specifies minimum qualification requirements for recreational scuba diving instructors at level 1. This European Standard applies only to contractual training and certification in recreational scuba diving
prEVS 53746
Tähtaeg: 2002-12-01
Identne prEN 14413-2:2002
Recreational diving services - Safety related minimum requirements for the training of scuba instructors - Part 2: Level 2
This European Standard specifies minimum qualification requirements for recreational scuba diving instructors at level 2. This European Standard applies only to contractual training and certification in recreational scuba diving

03.120.10
Kvaliteedijuhtimine ja -tagamine

Quality management and quality assurance

UUED STANDARDID

EVS-EN ISO 13485:2002
Hind 83,00
Identne ISO 13485:1996
ja identne EN ISO 13485:2000
Kvaliteedisüsteemid. Meditsiiniseadmed. Standardi EN ISO 9001 rakendamise erinõuded (asendab EN 46001:1996)
Standard esitab seoses standardiga EN ISO 9001 meditsiinitehnika konstrueerimisel/arendamisel, tootmisel ning vastavalt olukorrale ka paigaldamisel kehtivad kvaliteedisüsteemi nõuded.

EVS-EN ISO 13488:2002
Hind 83,00
Identne ISO 13488:1996
ja identne EN ISO 13488:2000
Kvaliteedisüsteemid. Meditsiiniseadmed. Standardi EN ISO 9002 rakendamise erinõuded (asendab EN 46002:1996)
The standard specifies, in conjunction with EN ISO 9002, the quality system requirements for the production and, when relevant, installation and servicing of medical devices.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 25547
Tähtaeg: 2002-11-01
Identne EN 100114-1:1996
Rule of Procedure - Quality Assessment Procedures - Part 1: CECC requirements for the approval of an organization
This section is intended for use by manufactureres, distributors and specialist contractors operating in the field of electronic components, who wish to obtain quality system approval for an organization under the CECC System. This RP shall prevail in cases of apparent conflict.

prEVS 53936
Tähtaeg: 2002-12-01
Identne ISO/DIS 19011:2002
ja identne prEN ISO 19011:2002
Guidelines for quality and/or environmental management systems auditing
This International Standard provides guidance on the principles of auditing, managing audit programmes, conducting quality management system audits and environmental management system audits, as well as guidance on the competence of quality and environmental management system auditors.

03.200
Vaba aeg. Turism

Leisure. Tourism

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53745
Tähtaeg: 2002-12-01
Identne prEN 14413-1:2002
Recreational diving services - Safety related minimum requirements for the training of scuba instructors - Part 1: Level 1
This European Standard specifies minimum qualification requirements for recreational scuba diving instructors at level 1. This European Standard applies only to contractual training and certification in recreational scuba diving

prEVS 53746
Tähtaeg: 2002-12-01
Identne prEN 14413-2:2002
Recreational diving services - Safety related minimum requirements for the training of scuba instructors - Part 2: Level 2
This European Standard specifies minimum qualification requirements for recreational scuba diving instructors at level 2. This European Standard applies only to contractual training and certification in recreational scuba diving

03.220.40
Veetransport

Transport by water

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53888
Tähtaeg: 2002-12-01
Identne ISO/DIS 19019:2002
ja identne prEN ISO 19019:2002
Sea-going vessels and marine technology - Guide for planning, carrying out and reporting sea trials
The purpose of this guide is to provide ship owners, designers, shipbuilders and trial crew with basic guide-lines on planning, carrying out and reporting of sea trials

03.240
Postiteenused

Postal services

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53873
Tähtaeg: 2002-12-01
Identne prEN 13724:2002
Postal services - Apertures of private letter boxes and letter plates - Requirements and test methods
This European Standard specifies the requirements and the test methods of the apertures for the delivery of letter post items when fitted in accordance with the manufacturers instructions. It takes into account security, impregnability, safety and performance for the recipient, and ergonomics and efficiency for delivery personnel. It allows the daily delivery in good condition of a great majority of letter post items

11.040.00
Meditsiinivarustus

Medical equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53932
Tähtaeg: 2002-11-01
Identne IEC 60601-1:1988/A2:1995+corr:1995
ja identne EN 60601-1:1990/A2:1995
Elektrilised meditsiiniseadmed. Osa 1: Üldised ohutusnõuded
This is the major revised and updated baseline of standards for the safety of all medical electrical equipment used by or under the supervision of qualified personnel in the general medical and patient environment. It also contains certain requirements for reliable operation to ensure safety. Note the change of title from the first (1977) edition. (For particular requirements see series 601-2 below.)

11.040.01 Meditsiinivarustus üldiselt

Medical equipment in general

UUED STANDARDID

EVS-EN ISO 13485:2002
Hind 83,00
Identne ISO 13485:1996
ja identne EN ISO 13485:2000
Kvaliteedisüsteemid. Meditsiiniseadmed. Standardi EN ISO 9001 rakendamise erinõuded (asendab EN 46001:1996)
Standard esitab seoses standardiga EN ISO 9001 meditsiinitehnika konstrueerimisel/arendamisel, tootmisel ning vastavalt olukorrale ka paigaldamisel kehtivad kvaliteedisüsteemi nõuded.

EVS-EN ISO 13488:2002
Hind 83,00
Identne ISO 13488:1996
ja identne EN ISO 13488:2000
Kvaliteedisüsteemid. Meditsiiniseadmed. Standardi EN ISO 9002 rakendamise erinõuded (asendab EN 46002:1996)
The standard specifies, in conjunction with EN ISO 9002, the quality system requirements for the production and, when relevant, installation and servicing of medical devices.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53723
Tähtaeg: 2002-11-01
Identne IEC 61205:1993
ja identne EN 61205:1994
Ultrasonics; dental descaler systems; measurement and declaration of the output characteristics
Specifies: -essential non-thermal output characteristics of ultrasonic dental descalers; -the methods of measurement of the output performance of ultrasonic dental descalers; -the characteristics to be declared by the manufacturers of ultrasonic dental descalers.
prEVS 53795
Tähtaeg: 2002-12-01
Identne EN 13718-2:2002
Air, water and difficult terrain ambulances - Part 2: Operational and technical requirements for the continuity of patient care
This European Standard specifies minimum requirements for dedicated ambulance services covering air, water, and difficult terrain vehicles and craft in particular
prEVS 53803
Tähtaeg: 2002-12-01
Identne prEN 11197:2002
Medical supply units
Clause 1 of EN 60601-1:1990 applies with the following addition: This standard applies to medical supply units as defined in 3.4. This Particular Standard applies in conjunction with EN 60601-1:1990 The requirements of this Particular Standard take priority over those of EN 60601-1:1990
prEVS 53954
Tähtaeg: 2002-11-01
Identne EN 60601:1988/A13:1996
Elektrilised meditsiiniseadmed. Osa 1: Üldised ohutusnõuded
This is the major revised and updated baseline of standards for the safety of all medical electrical equipment used by or under the supervision of qualified personnel in the general medical and patient environment. It also contains certain requirements for reliable operation to ensure safety. Note the change of title from the first (1977) edition. (For particular requirements see series 601-2 below.)

11.040.10 Anesteesia-, hingamis- ja reanimatsioonivarustus

Anaesthetic, respiratory and reanimation equipment

UUED STANDARDID

EVS-EN 12218:1999/A1:2002
Hind 49,00
Identne EN 12218:1998/A1:2002
Rail systems for supporting medical equipment
Standard esitab põhinõuded, mis tagavad käesoleva standardi alla kuuluvate paralleelsüsteemide ja meditsiiniaparatuuri omavahelise ühtesobivuse, et võimaldada meditsiiniaparatuuri vahetatavus ühelt paralleelsüsteemilt teisele.

EVS-EN 738-1:1999/A1:2002
Hind 66,00
Identne EN 738-1:1997/A1:2002
Pressure regulators for use with medical gases - Part 1: Pressure regulators and pressure regulators with flow metering devices
Standardi käesolev osa kehtib rõhuregulaatorite kohta, mis on ette nähtud meditsiiniliste gaaside manustamiseks ravimisel, ravivõtete rakendamisel, diagnostilisel hindamisel ja patsientide hooldamisel.

EVS-EN 738-3:1999/A1:2002
Hind 66,00
Identne EN 738-3:1998/A1:2002
Meditsiiniliste gaaside rõhu regulaatorid. Osa 3: Ballooni ventiilidega ühendatud rõhuregulaatorid
Standardi käesolev osa kehtib ballooni ventiilidega ühendatud rõhuregulaatorite kohta, mis on ette nähtud järgmiste meditsiiniliste gaaside manustamiseks ravimisel, ravivõtete rakendamisel, diagnostilisel hindamisel ja patsientide hooldamisel: hapnik, dilämmastikoksiid, õhk hingamiseks, heelium, süsinikdioksiid, ksenoon, eespool loetletud gaaside kindlaksmääratud segud, õhk kirurgiliste riistade käitamiseks, lämmastik kirurgiliste riistade käitamiseks.

EVS-EN 738-4:1999/A1:2002
Hind 57,00
Identne EN 738-4:1998/A1:2002
Meditsiiniliste gaaside rõhu regulaatorid. Osa 4: Madalrõhuregulaatorid, mis on ette nähtud meditsiinilise aparatuuri koosseisu lülitamiseks
Standardi käesolev osa kehtib madalrõhuregulaatorite kohta, mis sobivad 280 - 600 kPa rõhu sisselaskmiseks ning mis on hangitud ja pakitud kasutamiseks meditsiiniaparatuuris, mis on ette nähtud järgmiste meditsiiniliste gaaside manustamiseks ravimisel, ravivõtete rakendamisel, diagnostilisel hindamisel ja patsientide hooldamisel: hapnik, dilämmastikoksiid, õhk hingamiseks, heelium, süsinikdioksiid, ksenoon, eespool loetletud gaaside kindlaksmääratud segud. Käesolev standard ei kehti rõhuregulaatorite kohta, mis on hangitud kui tagavaraosad spetsiifiliseks kasutamiseks.

EVS-EN 739:1999/A1:2002
Hind 57,00
Identne EN 739:1998/A1:2002

Meditsiiniliste gaaside jaoks kasutatavad madalrõhu voolikukomplektid
Käesolev standard esitab nõuded madalrõhu voolikukomplektidele, mis on ette nähtud kasutamiseks järgmiste meditsiiniliste gaasidega: hapnik, dilämmastikoksiid, õhk hingamiseks, heelium, süsinikdioksiid, ksenoon, eespool loetletud gaaside kindlaksmääratud segud, õhk kirurgiariistade käitamiseks, lämmastik kirurgiariistade käitamiseks; ning vaakumiga.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53739
Tähtaeg: 2002-12-01
Identne prEN 13976-1:2002
Rescue systems - Transportation of incubators - Part 1: Interface conditions
This European standard specifies the requirements for the interface between the vehicle or craft and the incubator and the associated equipment, needed for care and treatment of infants, used in emergency or planned transport. The standard also specifies requirements for the safe transportation using equipment or systems that do not interfere with the functions of the vehicle or craft providing transportation
prEVS 53740
Tähtaeg: 2002-12-01
Identne prEN 13976-2:2002
Rescue systems - Transportation on incubators - Part 2: System requirements
This European standard specifies the requirements for a transport incubator system including the interactions between the vehicle or craft and the incubator and the associated equipment, needed for care and treatment of infants, used in emergency or planned transport

11.040.50 Radiograafiaseadmed

Radiographic equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 21993
Tähtaeg: 2002-11-01
Identne IEC 61220:1993
ja identne EN 61220:1995
Ultrasonics - Fields - Guidance for the measurement and characterization of ultrasonic fields generated by medical ultrasonic equipment using hydrophones in the frequency range 0,5 MHz to 15 MHz
Provides guidance on the practical measurement of the acoustic output of various types of medical ultrasonic equipment. Contains also procedures for correcting limitations caused by the use of hydrophones with finite bandwidth and finite active element size.
prEVS 22312
Tähtaeg: 2002-11-01
Identne IEC 61206:1993
ja identne EN 61206:1995
Ultrasonics - Continuous-wave Doppler systems - Test procedures
Describes the test methods for measuring the performance of continuous-wave ultrasonic Doppler flowmeters, velocimeters, or foetal heart detectors and special Doppler test objects for determining various performance properties of Doppler ultrasound systems. Does not include electrical safety and acoustic output. This publication has the status of a type 2 technical report.
prEVS 33056
Tähtaeg: 2002-11-01
Identne IEC 60731:1997
ja identne EN 60731:1997
Medical electrical equipment - Dosimeters with ionization chambers as used in radiotherapy
This international Standard specifies the performance requirements or radiotherapy dosimeters, as defined in 3.1, intended for the measurement of absorbed dose to water or air kerma (and their rates) in photon or electron radiation fields as used in radiotherapy.
prEVS 33993
Tähtaeg: 2002-11-01
Identne IEC 60522:1999
ja identne EN 60522:1999
Determination of the permanent filtration of X-ray tube assemblies
This standard defines the concept of permanent filtration in X-ray tube assemblies for medical diagnosis and radiotherapy and describes a method for its determination. It contains requirements for statements of compliance for accompanying documents and for marking on X-ray tube assemblies. Methods are given to determine the permanent filtration in an X-ray tube assembly with an accuracy that is sufficient to enable the appropriate additional filtration to be provided in order to attain the desired total filtration.
prEVS 53955
Tähtaeg: 2002-11-01
Identne IEC 61157:1992
ja identne EN 61157:1994
Requirements for the declaration of the acoustic output of medical diagnostic ultrasonic equipment
Establishes requirements for the declaration of the acoustic output information: 1.to be presented in technical data sheets supplied to prospective purchasers of equipment by manufacturers; 2.to be declared in the accompanying literature/ manual supplied by manufacturers; 3.as background information to be made available on request to interested parties by manufacturers.

11.040.60 Raviseadmed

Therapy equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 28120
Tähtaeg: 2002-11-01
Identne IEC 60601-2-1:1998+ A1:2002
ja identne EN 60601-2-1:1998+ A1:2002
Medical electrical equipment - Part 2-1: Particular requirements for the safety of electron accelerators in the range of 1 MeV to 50 MeV
This Particular Standard, with the inclusion of TYPE TESTS and SITE TESTS, applies respectively to the manufacture and some installation aspects of ELECTRON ACCELERATORS - intended for RADIOTHERAPY in human medical practice, including those in which the selection and display of operating parameters can be controlled automatically by PROTRAMMABLE ELECTRONIC SUBSYSTEMS (PESS), -that, under normal conditions (NC) and in normal use, deliver a radiation beam of X-radiation and or ELECTRON

RADIATION having - NOMINEL ENERGY in the range 1 MeV to 50 MeV, - MAXIMUM ABSORBED DOSE 3) RATED BETWEEN 0,001 Gy s-1 and 1 Gy s-1 at 1 m from the RADIATION SOURCE, - NORMAL TREATMENT DISTANCES (NTDS) between 0,5 m and 2 m from the RADIATION SOURCE, and intended to be for normal use, operated under the authority of appropriately licensed or QUALIFIED PERSONS by OPERATORS having the required skills for a particular medical application, for particular specified clinical purposes, e.g. STATIONARY RADIOTHERAPY or MOVING BEAM RADIOTHERAPY, - maintained in accordance with the recommendations given in the INSTRUCTIONS FOR USE, - subject to regular quality assurance performance and calibration checks by a QUALIFIED PERSON and - used within the environmental and electrical supply conditions specified in the technical description. It also applies to
prEVS 38791
Tähtaeg: 2002-11-01
Identne IEC 62083:2000
ja identne EN 62083:2001
Medical electrical equipment - Part 2: Requirements for the safety of radiotherapy treatment planning systems
This Standard applies to the design and manufacture and some installation aspects of an RTPS: - for use in radiotherapy treatment planning in human medical practice; - that import data either through input by the operator or directly from other devices; - that output data either in printed form for review or directly to other devices; - and intended to be: - for normal use, under the authority of appropriately licensed or qualified persons, by operators having the required skills and training; - maintained in accordance with the recommendations given in the instructions for use; and - used within the environmental and electrical supply conditions specified in the technical description.
prEVS 53933
Tähtaeg: 2002-11-01
Identne IEC 60601-2-29:1999
ja identne EN 60601-2-29:1999
Medical electrical equipment - Part 2-29: Particular requirements for the safety of radiotherapy simulators
This particular standard applies to radiotherapy simulators which use diagnostic X-ray equipment to simulate physically a radiotherapy radiation beam, so that the treatment volume to be subjected to irradiation during radiotherapy can be localized, and the position and size of the radiotherapy radiation field can be confirmed. - intended exclusively for radiotherapy simulation as a prelude to intended radiotherapy, and not for any other purpose such as general

11.040.99
Muud meditsiiniseadmed

Other medical equipment

UUED STANDARDID

EVS-EN 12218:1999/A1:2002
Hind 49,00
Identne EN 12218:1998/A1:2002
Rail systems for supporting medical equipment
Standard esitab põhinõuded, mis tagavad käesoleva standardi alla kuuluvate paralleelsüsteemide ja meditsiiniaparatuuri omavahelise ühtesobivuse, et võimaldada meditsiiniaparatuuri vahetatavus ühelt paralleelsüsteemilt teisele.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 32404
Tähtaeg: 2002-11-01
Identne IEC 60601-2-39:1999
ja identne EN 60601-2-39:1999
Medical electrical equipment - Part 2-39: Particular requirements for the safety of peritoneal dialysis equipment
This particular standard specifies the minimum safety requirements for peritoneal dialysis equipment (as defined in Sub-clause 2.1.102) hereinafter referred to as equipment. These devices are intended for use either by medical staff or under the supervision of medical expertise, including peritoneal dialysis equipment operated by the patient. These particular requirements do not apply to dialysing solution, the tubing set, or to equipment solely intended for use as continuous ambulatory peritoneal dialysis equipment.

11.120.20
Ravitarbed. Kirurgiasidemed

Medical materials.

UUED STANDARDID

EVS-ENV 12718:2002
Hind 190,00
Identne ENV 12718:2001
Medical compression hosiery
This standard specifies requirements and performance and gives test methods for medical compression hosiery, including custom-made hosiry, knitted from threads made of natural fibres or synthetic fibres and elastic threads. It is applicable to medical compression hosiery which is used as a medical device for the treatment of venous and/or lymphatic diseases of the leg.

EVS-ENV 12719:2002
Hind 179,00
Identne ENV 12719:2001
Medical thrombosis prophylaxis hosiery
This Standard applies to anti-thrombo embolism hosiery, knitted from threads made of natural fibres or synthetic fibres and elastic threads, which is used as a medical device for prophylaxis. The standard specifies performance requirements and test methods.

11.160
Esmaabi

First aid

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53739
Tähtaeg: 2002-12-01
Identne prEN 13976-1:2002
Rescue systems - Transportation of incubators - Part 1: Interface conditions
This European standard specifies the requirements for the interface between the vehicle or craft and the incubator and the associated equipment, needed for care and treatment of infants, used in emergency or planned transport. The standard also specifies requirements for the safe transportation using equipment or systems that do not interfere with

the functions of the vehicle or craft providing transportation
prEVS 53740
Tähtaeg: 2002-12-01
Identne prEN 13976-2:2002
Rescue systems - Transportation on incubators - Part 2: System requirements
This European standard specifies the requirements for a transport incubator system including the interactions between the vehicle or craft and the incubator and the associated equipment, needed for care and treatment of infants, used in emergency or planned transport
prEVS 53795
Tähtaeg: 2002-12-01
Identne EN 13718-2:2002
Air, water and difficult terrain ambulances - Part 2: Operational and technical requirements for the continuity of patient care
This European Standard specifies minimum requirements for dedicated ambulance services covering air, water, and difficult terrain vehicles and craft in particular

13.020.10
Keskkonnakorraldus

Environmental management

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53936
Tähtaeg: 2002-12-01
Identne ISO/DIS 19011:2002
ja identne prEN ISO 19011:2002
Guidelines for quality and/or environmental management systems auditing
This International Standard provides guidance on the principles of auditing, managing audit programmes, conducting quality management system audits and environmental management system audits, as well as guidance on the competence of quality and environmental management system auditors.

13.040.20
Välisõhu kvaliteet

Ambient atmospheres

KAVANDITE ARVAMUSKÜSITLUS

prEVS 40214
Tähtaeg: 2002-12-01
Identne prEN 13528-1:2002
Ambient air quality - Diffusive samplers for the determination of concentrations of gases and vapours - Requirements and test methods - Part 1: General requirements
This European Standard specifies general performance requirements for diffusive samplers used for the determination of the concentration of gases and vapours in ambient air
prEVS 40217
Tähtaeg: 2002-12-01
Identne prEN 13528-2:2002
Ambient air quality - Diffusive samplers for the determination of concentrations of gases and vapours - Requirements and test methods - Part 2: Specific requirements and test methods
This European Standard specifies specific performance requirements and test methods under prescribed laboratory and field conditions for diffusive samplers used for the determination of the concentration of gases or vapours in ambient air

13.040.40
Püsiallikate heitmed

Stationary source emissions

UUED STANDARDID

EVS-EN ISO 15011-1:2002
Hind 101,00
Identne ISO 15011-1:2002
ja identne EN ISO 15011-1:2002
Health and safety in welding and allied processes - Laboratory method for sampling fume and gases generated by arc welding - Part 1: Determination of emission rate and sampling for analysis of particulate fume
This European standard describes a method for the determination of the particulate fume emission rate from arc welding processes using a fume box technique. It defines a method of sampling particulate fume for chemical analysis and suggests possible analytical techniques in order to characterize fumes emitted by consumable during welding.

13.060.20
Joogivee kvaliteet

Drinking water

KAVANDITE ARVAMUSKÜSITLUS

prEVS 32111
Tähtaeg: 2002-12-01
Identne prEN 12729:2002
Devices to prevent pollution by backflow of potable water - Controllable backflow preventer with reduced pressure zone - Family B - Type A
This European Standard specifies the field of application, the dimensional, the physico-chemical, the design, the hydraulic, the mechanical, and the acoustic characteristics of controllable backflow preventer with reduced pressure zone Family B Type A
prEVS 53851
Tähtaeg: 2002-12-01
Identne prEN 14451:2002
Devices to prevent pollution by backflow of potable water - Inline anti-vacuum valves DN 8 to DN 80 inclusive - Family D, type A
This draft European standard specifies : - the field of application ; - the requirements for in line anti-vacuum valves with non polymeric bodies ; - the dimensional, the physico-chemical properties and the properties of general hydraulic, mechanical and acoustic design to which in-line anti-vacuum valves of nominal sizes DN 8 up to and including DN 80 ; - the test method and requirements for verifying these properties. For combined devices1) only the anti-pollution test are to be performed ; - the marking and the presentation ; - the acoustics
prEVS 53852
Tähtaeg: 2002-12-01
Identne prEN 14452:2002
Devices to prevent pollution by blackflow of potable water - Pipe interrupter with atmospheric vent and moving element DN 10 to DN 20 inclusive - Family D, type B
This draft European standard specifies : - the field of application ; - the requirements for pipe interrupters with atmospheric vent and moving element with non polymeric bodies ; - the dimensional and the physico-chemical properties, and the properties of general hydraulic,

mechanical and acoustic design to which pipe interrupters with elastic membrane of nominal size DN 10 up to and including DN 20 ; - the test procedure and requirements for verifying these properties ; - the marking and the presentation ; - the acoustics
prEVS 53854
Tähtaeg: 2002-12-01
Identne prEN 14454:2002
Devices to prevent pollution by backflow of potable water - Hose union backflow preventer DN 15 to DN 32 inclusive - Family H, type A
This draft European standard specifies: - the field of application; - the requirements for hose union backflow preventer with non polymeric bodies; - the dimensional and the physico-chemical properties and the properties of general hydraulic, mechanical and acoustic design to which hose union backflow preventers of nominal sizes DN 15 up to and including DN 32; - the test method and requirements for verifying these properties. For combined devices1) only the anti-pollution tests have to be performed; - the marking and the presentation; - the acoustics
prEVS 53855
Tähtaeg: 2002-12-01
Identne prEN 14455:2002
Devices to prevent pollution by blackflow of potable water - Pressurised air inlet valves DN 15 to DN 50 inclusive - Family L, type A and type B
This draft European standard specifies: - the field of application; - the requirements for pressurised air inlet valves with non polymeric bodies; - the dimensional and the physico-chemical properties and the properties of general hydraulic, mechanical and acoustic design to which pressurised air inlet valves of nominal sizes DN 15 up to and including DN 50; - the family L, type A; - the family L, type B; - the test procedure and requirements for verifying these properties. For combined devices1) only the anti-pollution tests are to be performed; - the marking and the presentation; the acoustics

13.110
Masinate ohutus

Safety of machinery

KAVANDITE ARVAMUSKÜSITLUS

prEVS 25497
Tähtaeg: 2002-11-01
Identne IEC 60073:1996
ja identne EN 60073:1996
Basic and safety principles for man-machines interface, marking and identification - Coning principles for indication devices and actuators
This International Standard establishes general rules for assigning particular meanings to certain visual, acoustic and tactile indications in order to - increase the safety of persons, property and/or the environment through the safe monitoring and control of the equipment or process; - faciliate the proper monitoring, control and maintenance of the equipment or process; - facilitate the rapid recognition of control conditions and actuator positions.

13.120
Ohutus kodus

Domestic safety

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53534
Tähtaeg: 2002-11-01
Identne EN 60335-2-21:1999/A11:2002
Safety of household and similar electrical appliances - Part 2: Particular requirements for storage water heaters
This standard applies to stationary non-instantaneous storage water heaters intended for heating water to a temperature below its boiling point. Water heaters may be thermally insulated for long-term storage or uninsulated for temporary storage of hot water. Water heaters not intended for normal household use, but which nevertheless may be a source of danger to the public, such as water heaters intended to be used in shops, in light industri and on farms, are within the scope of this standard.

13.160
Vibratsiooni ja löögi toime inimesele

Vibration and shock with respect to human beings

UUED STANDARDID

EVS-EN 13059:2002
Hind 146,00
Identne EN 13059:2002
Safety of industrial trucks - Test methods for measuring vibration
This European Standard is a type test procedure for establishing the values of vibration emission transmitted to the whole body of operators of industrial trucks under specified conditions. It is not applicable to hand-arm vibration. This standard is applicable to powered industrial trucks listed in ISO 5053:1987. The annex A is applicable for "all-terrain" trucks. It also applies to other powered industrial trucks not covered by ISO 5053:1987, e.g. variable-reach trucks and "low-lift" "order picking" trucks, etc. This standard is not applicable to non-stacking "low-lift" straddle carriers (as specified in 3.1.3.2.3 of ISO 5053:1987) and stacking "high-lift" straddle carriers (as specified in 3.1.3.1.11 of ISO 5053:1987). The test results, however, are not applicable to the determination of whole-body vibration exposure.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53885
Tähtaeg: 2002-12-01
Identne ISO/DIS 20643:2002
ja identne prEN ISO 20643:2002
Hand-transmitted vibration from hand-held or hand-guided machinery - Measurement of vibration at the grip surface
This European Standard specifies the determination of hand-arm vibration emission during type testing of handheld or hand-guided machinery. It may also be used for determination of emission values of individual machines

13.180
Ergonoomia

Ergonomics

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53882
Tähtaeg: 2002-12-01
Identne ISO/DIS 15536-1:2002
ja identne prEN ISO 15536-1:2002
Ergonomics - Computer manikins and body templates - Part 1: General requirements
This International Standard establishes the general requirements for the design and development of computer manikins, body templates and manikin systems. These requirements concern their anthropometric and biomechanical properties, taking into account their usability features and restrictions for structural complexity and functional versatility
prEVS 53883
Tähtaeg: 2002-12-01
Identne ISO/DIS 15537:2002
ja identne prEN ISO 15537:2002
Principles for selecting and using test persons for testing anthropometric aspects of industrial products and designs
This International Standard establishes the methods for determining the composition of groups of persons whose anthropometric characteristics are to be representative for the intended user population of any specific object under test

13.220.01
Tuleohutus üldiselt

Protection against fire in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53968
Tähtaeg: 2002-11-01
Identne HD 384.4.482 S1:1997
Electrical installations of buildings - Part 4: Protection for safety - Chapter 48: Choice of protective measures as a function of external influences - Section 482: Protection against fire where particular risks or danger exist
Selection and erection of installations on locations with risks of fire due to the nature of processed or stored materials like the manufacturing, processing, storage of combustible materials, including the accumulation of dust as in barns, woodworking factories, paper mills, textile factories or similar.

13.220.10
Tuletõrje

Fire-fighting

KAVANDITE ARVAMUSKÜSITLUS

prEVS 28367
Tähtaeg: 2002-12-01
Identne ISO/FDIS 14557:2002
ja identne prEN ISO 14557:2002
Fire-fighting hoses - Rubber and plastics suction hoses and hose assemblies
This standard gives requirements and test methods for rubber and plastics suction hoses for fire-fighting purposes
prEVS 53919
Tähtaeg: 2002-12-01
Identne prEN 14466:2002
Fire fighting pumps - Portable pumps - Safety and performance requirements, tests
This European standard applies for portable pump sets using fire-fighting centrifugal pumps conforming to prEN 1028. Portable pumps are motor pumps designed for firefighting which can be transported by hand to the site of operation and which are driven by a combustion engine. Portable pumps are intended not to be permanently mounted in firefighting and rescue service vehicles

13.220.40
Materjalide ja toodete süttivus ning põlemislaad

Ignitability and burning behaviour of materials and products

KAVANDITE ARVAMUSKÜSITLUS

prEVS 34050
Tähtaeg: 2002-11-01
Identne IEC 60695-9-1:1998
ja identne EN 60695-9-1:1999
Fire hazard testing - Part 9-1: Surface spread of flame - General Guidance
This part of IEC 60695 provides guidance in the assessment of surface spread of flame for the electrotechnical products and materials from which they are formed.

13.260
Elektrilöögikaitse

Protection against electric shock

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22463
Tähtaeg: 2002-11-01
Identne IEC 61219:1993
ja identne EN 61219:1993
Live working - Earthing or earthing and short-circuiting equipment using lances as a short-circuiting device - Lance earthing
This European Standard applies to equipment for temporary earthing or earthing and short-circuiting of electrically isolated parts of a.c. installations, the disconnection of which has been verified, for the protection of workers while work is in progress using lance(s) as the earthing or earthing and short-circuiting device.

13.280
Kiirguskaitse

Radiation protection

UUED STANDARDID

EVS-EN 50357:2002
Hind 212,00
Identne EN 50357:2001
Evaluation of human exposure to electromagnetic fields from devices used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications
This European Standard applies to devices used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications. The objective of the Standard is to specify, for such equipment, the methods for demonstration of compliance with basic restrictions or reference levels related to human exposure to electromagnetic fields.

13.310
Kaitse kuritegevuse vastu

Protection against crime

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53831
Tähtaeg: 2002-12-01
Identne prEN 14450:2002
Secure storage units - Requirements, classification and methods of test for resistance to burglary - Secure safe cabinets
This European standard establishes the basis for testing and classifying secure safe cabinets

13.340.10
Kaitserõivad

Protective clothing

KAVANDITE ARVAMUSKÜSITLUS

prEVS 50351
Tähtaeg: 2002-12-01
Identne ISO/DIS 14876-1:2002
ja identne prEN ISO 14876-1:2002
Protective clothing - Body armour - Part 1: General requirements
This European Standard specifies the general requirements for body armour including the designations of types of body armour, the sizing, coverage, ergonomic and innocuousness requirements, and requirements for labelling and the provision of information. Test methods are included where appropriate
prEVS 53840
Tähtaeg: 2002-12-01
Identne prEN 13595-2:2002
Protective clothing for professional motorcycle riders - Jackets, trousers and one-piece or divided suits - Part 2: Test method for determination of impact abrasion resistance
This European Standard specifies a test method for assessment of protection efficiency of professional motorcycle riders jackets, trousers and one-piece and divided suits which are intended to protect the wearer against mechanical injury on metalled road surfaces
prEVS 53890
Tähtaeg: 2002-12-01
Identne prEN 381-10:2002
Protective clothing for users of hand-held chainsaws - Part 10: Test method for upper body protectors
This European Standard, part 10, specifies the procedures for sampling and pre-treatment of upper body protectors intended to provide protection against cutting by hand-held chainsaws, the measurement of the protective coverage, the apparatus and test methods for assessing resistance to cutting, and the practical performance test for evaluating ergonomic properties in relation to part 11 of this standard

13.340.20
Pea kaitsevahendid

Head protective equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53786
Tähtaeg: 2002-12-01
Identne EN 207:1998/A1:2002
Personal eye-protection - Filters and eye-protectors against laser radiation (laser eye-protectors)
This European Standard applies to eye-protectors used for protection against laserradiation as defined in EN 60825-1:1994 (i.e. LED (Light Emitting Diode) radiation is included) in the spectral range 180 nm (0,18 um) to 1000 um. It defines the requirements, test methods and marking. A guide is given in Annex B with regard to choice and use. EN 208 applies for laser adjustment eye-protectors.
prEVS 53787
Tähtaeg: 2002-12-01
Identne EN 208:1998/A1:2002
Personal eye-protection - Eye-protectors for adjustment work on lasers and laser systems (laser adjustment eye-protectors)
This European standard applies to laser adjustment eye-protectors. These are filters and eye-protectors for use in adjustment work on lasers and laser systems as defined in EN 60825-1:1994 (i.e. LED (Light Emitting Diode) radiation is included) where hazardous radiation occurs in the visible spectral range of 400 nm to 700 nm. Filters specified in this standard reduce this radiation to values defined for lasers of class 2 (< or equals 1mW for CW (Continuous wave) lasers). In this case aversion responses including the blink reflex contribute to eye protection. This standard defines the specifications, test methods and marking. A guide is given in Annex B with regard to selection and use.
prEVS 53848
Tähtaeg: 2002-12-01
Identne prEN 14458:2002
Personal eye-equipment - Faceshields and visors for use with firefighters, ambulance and emergency service helmets
This standard applies to visors designed specifically to be used with firefighters , ambulance and emergency service helmets conforming to EN 443 or prEN 14052. They are intended to provide protection against the various hazards expected to be encountered in firefighting, ambulance and emergency service duties, except respiratory, smoke, and gas / vapour hazards

13.340.30
Respiraatorid

Respiratory protective devices

UUED STANDARDID

EVS-EN 142:2002
Hind 126,00
Identne EN 142:2002
Respiratory protective devices - Mouthpiece assemblies - Requirements, testing, marking
This European Standard refers to mouthpiece assemblies for respiratory protective devices, except escape apparatus and diving apparatus. It specifies minimum requirements for mouthpiece assemblies for use as part of respiratory protective devices. Laboratory and practical performance tests are included for the assessment of compliance with the requirements.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53077
Tähtaeg: 2002-12-01
Identne prEN 404:2002
Respiratory protective devices for self-rescue - Filter self-rescuer from carbon monoxide - Requirements, testing, marking
This European Standard refers to filtering devices designed for protection against carbon monoxide (filter selfrescuer). It

specifies minimum requirements for filter self-rescuers.The European Standard does not apply to apparatus for work and rescue or to diving apparatus. Laboratory and practical performance tests are included for the assessment of compliance with the requirements.
prEVS 53690
Tähtaeg: 2002-12-01
Identne prEN 137:2002
Respiratory protective devices - Self-contained open-circuit compressed air breathing apparatus with full face mask - Requirements, testing, marking
This European Standard refers to self-contained open-circuit compressed air breathing apparatus with full face mask used as respiratory protective devices, except escape apparatus and diving apparatus. It specifies minimum requirements for self-contained open-circuit compressed air breathing apparatus with full face mask. Laboratory and practical performance tests are included for the assessment of compliance with the requirements
prEVS 53799
Tähtaeg: 2002-12-01
Identne prEN 14435:2002
Respiratory protective devices - Self-contained open-circuit compressed air breathing apparatus with half mask designed to be used with positive pressure only - Requirements, testing, marking
This European Standard specifies minimum requirements for self-contained open-circuit compressed air breathing apparatus with half mask designed to be used with positive pressure only. This European Standard does not apply to escape apparatus, diving apparatus and apparatus used for fire fighting. Laboratory and practical performance tests are included for the assessment of compliance with the requirements

13.340.50
Kaitsejalatsid

Protective footwear

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22986
Tähtaeg: 2002-12-01
Identne prEN 13287:2002
Safety, protective and occupational footwear for professional use - Test method for the determination of slip resistance
This European Standard specifies a method of test for the slip resistance of conventionally soled safety, protective and occupational footwear for professional use. It is not applicable to special purpose footwear containing spikes, metal studs or similar
prEVS 53850
Tähtaeg: 2002-12-01
Identne ISO/DIS 18691:2002
ja identne prEN ISO 18691:2002
Safety, protective, occupational and specific job-related footwear for professional use - Shoe laces
This standard specifies the relevant safety requirements and test methods for shoe laces for safety, protective, occupational and specific, job-related footwear for professional use

13.340.99
Muud kaitsevahendid

Other protective equipment

UUED STANDARDID

EVS-EN 1263-1:2002
Hind 179,00
Identne EN 1263-1:2002
Safety nets - Part 1: Safety requirements, test methods
This European Standard applies to safety nets and their accessories for use in construction and assembly work to protect from deeper fall. It specifies safety requirements and test methods and is based on the performance characteristics of polypropene and polyamide fibres. Materials used in nets should have no significant reduction in mechanical properties between 10 °C and + 40 °C. This standard is not applicable to the installation of safety nets. For a European Standard covering the installation of safety nets see EN 1263-2.

17.060
Mahu, massi, tiheduse, viskoossuse mõõtmine

Measurement of volume, mass, density, viscosity

UUED STANDARDID

EVS-EN 61779-1:2002
Hind 229,00
Identne IEC 61779-1:1998
ja identne EN 61779-1:2000
Electrical apparatus for the detection and measurement of flammable gases - Part 1: General requirements and test methods
This part of IEC 61779 specifies general requirements for construction and testing and describes the test methods that apply to portable, transportable and fixed apparatus for the detection and measurement of flammable gas or vapour concentrations with air. The apparatus, or parts thereof, are intended for use in potentially explosive atmospheres (see 2.1.8.) and in mines susceptible to firedamp. This standard is supplemented by standards, concerning the specific requirements for the performance of the various types of apparatus.

EVS-EN 61779-2:2002
Hind 83,00
Identne IEC 61779-2:1998
ja identne EN 61779-2:2000
Electrical apparatus for the detection and measurement of flammable gases - Part 2: Performance requirements for group I apparatus indicating a volume fraction up to 5 % methane in air
This part of IEC 61779 specifies requirements for group I (as defined in part 1) portable, transportable and fixed apparatus for the detection and measurement of methane concentrations in mine air.The apparatus, or parts thereof, are intended for use in mines susceptible to firedamp. The requirements and test methods applicable to the apparatus covered by this standard are specified in part 1.

EVS-EN 61779-3:2002
Hind 83,00
Identne IEC 61779-3:1998
ja identne EN 61779-3:2000

Electrical apparatus for the detection and measurement of flammable gases - Part 3: Performance requirements for group I apparatus indicating a volume fraction up to 100 % methane in air
This part of IEC 61779 specifies requirements for group 1 (as defined in part 1) portable, transportable and fixed apparatus for the detection and measurement of methane concentrations in mine air. The apparatus, or parts thereof, are intended for use in mines susceptible to firedamp. The requirements and test methods applicable to the apparatus covered by this standard are specified in part 1.

EVS-EN 61779-4:2002
Hind 83,00
Identne IEC 61779-4:1998
ja identne EN 61779-4:2000
Electrical apparatus for the detection and measurement of flammable gases - Part 4: Performance requirements for group II apparatus indicating a volume fraction up to 100 % lower explosive limit
This part of IEC 61779 specifies requirements for group II (as defined in part 1) portable, transportable and fixed apparatus for the detection and measurement of combustible gas or vapour concentrations with air.The apparatus, or parts thereof, may be installed or used in potentially explosive atmospheres (i.e. group I). The requirements and test methods applicable to the apparatus covered by this standard are specified in part 1.

EVS-EN 61779-5:2002
Hind 83,00
Identne IEC 61779-5:1998
ja identne EN 61779-5:2000
Electrical apparatus for the detection and measurement of flammable gases - Part 5: Performance requirements for group II apparatus indicating a volume fraction up to 100 % gas
This part of IEC 61779 specifies requirements for group II (as defined in part 1) portable, transportable and fixed apparatus for the detection and measurement of combustible gas or vapour concentrations with air.The apparatus, or parts thereof, may be installed or used in potentially explosive atmospheres, other than mines susceptible to firedamp (i.e. group I). The requirements and test methods applicable to the apparatus covered by this standard are specified in part 1.

17.140.01
Akustilised mõõtmised ja müra vähendamise üldküsimused

Acoustic measurements and noise abatement in general

UUED STANDARDID

EVS-EN 61012:2002
Hind 109,00
Identne IEC 61012:1990
ja identne EN 61012:1998
Filters for the measurement of audible sound in the presence of ultrasound
This standard specifies the electrical characteristics of a U-weighting filter mainly for use with sound level meters meeting the requirements of IEC 651 for the measurement of audible sound in the presence of ultrasound.

17.140.20
Masinate ja seadmete müra

Noise emitted by machines and equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 21403
Tähtaeg: 2002-11-01
Identne IEC 60704-2-6:1994
ja identne EN 60704-2-6:1995
Test code for the determination of airborne acoustical noise emitted by household and similar electrical appliances - Part 2: Particular requirements for tumble-dryers
This standard applies to household electric tumble-dryers as defined in IEC 1121. Its application to washer-dryer combinations, when operated as a dryer, is under study. Limitations for the use of this test code are given in the scope of IEC 704-1.
prEVS 25125
Tähtaeg: 2002-11-01
Identne IEC 60704-1:1997
ja identne EN 60704-1:1997
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 1: General requirements
This standard applies to electric appliances (including their accessories or components) for household and similar use, supplied from mains or from batteries. This standard does not apply to: - appliances, equipment or machines designed exclusively for industrial or professional purposes; - appliances which are integrated parts of a building or its installations such as equipment for air conditioning, heating and ventilating (except household fans, cooker hoods and free standing heating appliances), oil burners for central heating, pumps for water supply and for sewage systems.
prEVS 25151
Tähtaeg: 2002-11-01
Identne IEC 60704-2-8:1997
ja identne EN 60704-2-8:1997
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2: Particular requirements for electric shavers
This standard applies to electric shavers for domestic and similar, supplied from mains or batteries. By similar use is understood the use in hotels, shops, offices, etc. Note - This standard does not apply to shavers which are powered by other than electrical means for example by a spring-device. If possible, this standard can also be applied to analogous electrically operating devices such as hair clippers and depilating devices.
prEVS 27030
Tähtaeg: 2002-11-01
Identne IEC 60704-3:1992
ja identne EN 60704-3:1994
Test code for the determination of airborne acoustical noise emitted by household and similar electrical appliances - Part 3: Procedure for determining and verifying declared noise emission values
This part of IEC 704 describes procedures for determining and verifying the declared values of the noise emitted by household and similar electrical appliances covered by IEC 704-1 and IEC 704-2 dealing with particular requirements for special categories

of appliances. Applies to appliances being produced in quantity (series, batches, lots) manufactured to the same technical specification and characterized by the same labelled value of noise emission.
prEVS 27185
Tähtaeg: 2002-11-01
Identne IEC 60704-2-2:1985
ja identne EN 60704-2-2:1994
Test code for the determination of airborne acoustical noise emitted by household and similar electrical appliances - Part 2: Particular requirements for forced draught convection heaters
This standard is applicable to electric forced draught convection heaters, (fan heaters), designed for placing on the floor, table or counter, etc., or for wall-mounting.
prEVS 27187
Tähtaeg: 2002-11-01
Identne IEC 60704-2-3:2001
ja identne EN 60704-2-3:2002
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-3: Particular requirements for dishwashers
These particular requirements apply to single unit electric dishwashers for household and similar use, with and without automatic programme control, for cold and (or) hot water supply, for detachable or permanent connection to water supply or sewage systems, intended for placing on the floor against the wall, for building in or placing under a counter, a kitchen work-top or under a sink, for wall-mounting or on a counter. Limitations for the use of this test code are given in the scope of IEC Publication 704-1.
prEVS 27199
Tähtaeg: 2002-11-01
Identne IEC 60704-2-5:1989
ja identne EN 60704-2-5:1994
Test code for the determination of airborne acoustical noise emitted by household and similar electrical appliances - Part 2: Particular requirements for room heaters of the storage type
This standard applies to electric room heaters of the storage type having forced convection output. Heaters may be designed for floor standing, for wall mounting or for building in.
prEVS 29226
Tähtaeg: 2002-11-01
Identne IEC 60704-2-7:1997
ja identne EN 60704-2-7:1998
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2: Particular requirements for fans
This standard applies to electrical fans (including their accessories and their component parts), for household and similar use, designed for a.c. or d.c. supply.
prEVS 30275
Tähtaeg: 2002-11-01
Identne IEC 60704-2-11:1998
ja identne EN 60704-2-11:1999
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-11: Particular requirements for electrically operated food preparation appliances
This standard applies to the electrically operated food preparation appliances, either in the form of separate machines with a single function or in the form of multi-purpose machines with appropriate tools or attachments for several functions, intended for placing on counters, tables work tops or sinks, for wall-mounting, for building-in, or for hand-held use, supplied from mains or from batteries and able to ensure the functions described in clause 4 of IEC 60619. Limitations for the use of this test code are given in the scope of IEC 60704-1.
prEVS 54005
Tähtaeg: 2003-01-01
Identne prEN 1915-4:2002
Aircraft ground support equipment - General requirements - Part 4: Noise measurement methods
This Part of EN 1915 deals with noise reduction as a safety requirement and describes the methods for determining the sound pressure level at workstations, other specified positions and the sound power level of GSE during intended use. The test results are not applicable to the determination of daily exposure to noise for the operator

17.140.50 Elektroakustika

Electroacoustics

UUED STANDARDID

EVS-EN 60942:2002
Hind 247,00
Identne IEC 942:1997 + A1:2000
ja identne EN 60942:1998 + A1:2001
Electroacoustics - Sound calibrators
This International Standard specifies the performance requirements for three classes of sound calibrator: class 0, class 1, and class 2 in decreasing order of accuracy under specified conditions. Class 0 calibrators are normally used in the laboratory, whilst classes 1 and 2 are considered as calibrators for field use. Annexes A and B of this International Standard are normative and describe test procedures for sound calibrators. Annex C is informative and contains a Bibliography.

EVS-EN 61012:2002
Hind 109,00
Identne IEC 61012:1990
ja identne EN 61012:1998
Filters for the measurement of audible sound in the presence of ultrasound
This standard specifies the electrical characteristics of a U-weighting filter mainly for use with sound level meters meeting the requirements of IEC 651 for the measurement of audible sound in the presence of ultrasound.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22268
Tähtaeg: 2002-11-01
Identne IEC 60118-12:1996 .
ja identne EN 60118-12:1996
Hearing aids - Part 12: Dimensions of electrical connector systems
This International Standard applies to plugs and connector systems for hearing aids and specifies the dimensions and their tolerances essential for ensuring interchangeability.
prEVS 22312
Tähtaeg: 2002-11-01
Identne IEC 61206:1993
ja identne EN 61206:1995

Ultrasonics - Continuous-wave Doppler systems - Test procedures
Describes the test methods for measuring the performance of continuous-wave ultrasonic Doppler flowmeters, velocimeters, or foetal heart detectors and special Doppler test objects for determining various performance properties of Doppler ultrasound systems. Does not include electrical safety and acoustic output. This publication has the status of a type 2 technical report.
prEVS 22583
Tähtaeg: 2002-11-01
Identne IEC 61102:1991 + A1:1993
ja identne EN 61102:1993 + A1:1994

Measurement and characterisation of ultrasonic fields using hydrophones in the frequency range 0,5 MHz to 15 MHz
The standard specifies the methods of use of calibrated piezoelectric hydrophones for the measurement in liquids of acoustic fields generated by ultrasonic medical equipment operating in the frequency range 0,5 MHz to 15 MHz.
prEVS 22584
Tähtaeg: 2002-11-01
Identne IEC 61101:1991
ja identne EN 61101:1993

The absolute calibration of hydrophones using the planar scanning technique in the frequency range 0,5 MHz to 15 MHz
The standard specifies a method of absolute calibration of hydrophones based on the planar scanning technique in the frequency range 0,5 MHz to 15 MHz.
prEVS 22659
Tähtaeg: 2002-11-01
Identne IEC 61094-2:1992
ja identne EN 61094-2:1993

Measurement microphones - Part 2: Primary method for pressure calibration of laboratory standard microphones by the reciprocity technique
Applies to laboratory standard microphones meeting the requirements of IEC 1094-1 and other types of condenser microphones having the same mechanical dimensions or specifies a primary method of determining the pressure sensivity so as to establish a reproducible and accurate basis for the measurement of sound pressure.
prEVS 26240
Tähtaeg: 2002-11-01
Identne IEC 60118-1:1995+A1:1998
ja identne EN 60118-1:1995+A1:1998

Hearing aids - Part 1: Hearing aids with induction pick-up coil input
This Standard describes a method of determining the physical performance of hearing aids using an induction pick-up coil within an audio-frequency magnetic field.
prEVS 27401
Tähtaeg: 2002-11-01
Identne IEC 60118-0:1983 + A1:1994
ja identne EN 60118-0:1993 + A1:1994

Hearing aids - Part 0: Measurement of electroacoustical characteristics
Defines the measurement of physical performance characteristics of air-conduction hearing aids based on a free-field technique and measured with an ear simulator. Describes methods of measurement for evaluation of the electroacoustical characteristics of hearing aids.
prEVS 27839
Tähtaeg: 2002-11-01
Identne IEC 60118-13:1997
ja identne EN 60118-13:1997

Hearing aids - Part 13: Electromagnetic compatibility (EMC)
This International standard covers all relevant EMC-phenomena for hearing aids. It specifies measurement methods and acceptance levels for hearing aid immunity to high frequency electromagnetic fields originating from digital telephone systems as specified in IEC 61000-4-3. Measurement methods for hearing aids with non-acoustic outputs and for hearing aids connected to other equipment by cables are not given in this standard.
prEVS 28586
Tähtaeg: 2002-11-01
Identne IEC 60318-1:1998
ja identne EN 60318-1:1998

Electroacoustics - Simulators of human head and ear - Part 1: Ear simulator for the calibration of supra-aural earphones
This International Standard relates to the specification of an ear simulator which covers the frequency band 20 Hz to 10000 Hz and is intended for calibrating supra-aural earphones used in audiometry and telephonometry applied to the ear without acoustical leakage. This device is not intended for the calibration of circumaural earphones.
prEVS 30060
Tähtaeg: 2002-11-01
Identne IEC 60318-2:1998
ja identne EN 60318-2:1998

Electroacoustics - Simulators of human head and ear - Part 2: An interim acoustic coupler for the calibration of audiometric earphones in the extended high-frequency range
This part of IEC 60318 specifies two different adapters and the removable conical ring to be used with the IEC 60318-1 ear simulator to provide an interim acoustic coupler for the calibration of certain audiometric earphones designed for use in the extended high frequency range from 8 kHz up to 16 kHz. Environmental conditions for the calibration and use of the coupler are given in IEC 60318-1.
prEVS 30084
Tähtaeg: 2002-11-01
Identne IEC 60118-14:1998
ja identne EN 60118-14:1998

Hearing aids - Part 14: Specification of a digital interface
This standard specifies the electrical and mechanical requirements for an interface device, to allow a general purpose device such as a desktop computer to connect to hearing aids, for the purpose of electrical setting of their operating parameters.
prEVS 37054
Tähtaeg: 2002-11-01
Identne IEC 60318-3:1998
ja identne EN 60318-3:1998

Electroacoustics - Simulators of human head and ear - Part 3: Acoustic coupler for the calibration of supra-aural earphones used in audiometry
This International Standard describes an acoustic coupler for loading supra-aural audiometric earphones as specified in ISO 389-1 (to be published) with a specified acoustic impedance, when calibrating audiometers, in the frequency range of 125 Hz to 8000

Hz. The sound pressure developed by an earphone is not, in general, the same in the coupler as in a person's ear. However, the IEC recommends its use as a simple and ready means for the exchange of specifications on audiometers and for the calibration of specified earphones used in audiometry.
prEVS 53723
Tähtaeg: 2002-11-01
Identne IEC 61205:1993
ja identne EN 61205:1994
Ultrasonics; dental descaler systems; measurement and declaration of the output characteristics
Specifies: -essential non-thermal output characteristics of ultrasonic dental descalers; -the methods of measurement of the output performance of ultrasonic dental descalers; -the characteristics to be declared by the manufacturers of ultrasonic dental descalers.
prEVS 53955
Tähtaeg: 2002-11-01
Identne IEC 61157:1992
ja identne EN 61157:1994
Requirements for the declaration of the acoustic output of medical diagnostic ultrasonic equipment
Establishes requirements for the declaration of the acoustic output information: 1.to be presented in technical data sheets supplied to prospective purchasers of equipment by manufacturers; 2.to be declared in the accompanying literature/ manual supplied by manufacturers; 3.as background information to be made available on request to interested parties by manufacturers.

17.200.01 Termodünaamika üldiselt

Thermodynamics in general

KAVANDITE ARVAMUSKÜSITLUS
prEVS 28352
Tähtaeg: 2002-11-01
Identne IEC 60682:1980+ A1:1987+A2:1997
ja identne EN 60682:1993+ A2:1997
Method of measuring the pinch temperature of quartz glass lamps
Specifies details of the type of thermocouple to be used to measure the pinch temperature of quartz glass lamps, three methods of preparation of the lamp and thermocouple, and the measurement to be made.

17.200.20 Temperatuuri mõõtevahendid

Temperature-measuring instruments

KAVANDITE ARVAMUSKÜSITLUS
prEVS 53956
Tähtaeg: 2002-11-01
Identne IEC 61152:1992
ja identne EN 61152:1994
Dimensions of metal-sheathed thermometer elements
Specifies diameters for metal-sheathed thermometer elements and tolerances on these diameters.
prEVS 53982
Tähtaeg: 2002-12-01
Identne IEC 60584-3:1989
ja identne HD 446.3 S1:1993
Thermocouples; part 3: extension and compensating cables; tolerances and identification system
Specifies manufacturing tolerances and method of identification for extension and compensating cables other than mineral insulated cables.

17.220.20 Elektriliste ja magnetiliste suuruste mõõtmine

Measurement of electrical and magnetic quantities

KAVANDITE ARVAMUSKÜSITLUS
prEVS 28715
Tähtaeg: 2002-11-01
Identne IEC 61083-2:1996
ja identne EN 61083-2:1997
Digital recorders for measurements in high-voltage impulse tests - Part 2: Evaluation of software used for the determination of the parameters of impulse waveforms
This part of IEC 1083 is applicable to the processing of records taken by digital recorders used for measurements during tests with high-voltage impulses and high current impulses as specified in IEC 60. It specifies the test procedures to be applied to assess the accuracy of software used to process and read the records of impulses and calibration signals.

17.220.99 Muud elektri ja magnetismiga seotud standardid

Other standards related to electricity and magnetism

KAVANDITE ARVAMUSKÜSITLUS
prEVS 22498
Tähtaeg: 2002-11-01
Identne IEC 61144:1992
ja identne EN 61144:1993
Test method for the determination of oxygen index of insulating liquids
This standard describes a method for measuring the oxygen index of insulating liquids. This test method is applicable to all liquids, the viscosity of which is lower than or equal to 50 mm2/S at 40 C +/- 1 C.
prEVS 22525
Tähtaeg: 2002-11-01
Identne IEC 61125:1992 + Cor.:1992
ja identne EN 61125:1993
Unused hydrocarbon-based insulating liquids - Test methods for evaluating the oxidation stability
This European Standard describes three test methods using the same apparatus for evaluating the oxidation stability of mineral insulating oils and of hydrocarbon-based insulating liquids.
prEVS 38369
Tähtaeg: 2002-11-01
Identne IEC 60243-3:2001
ja identne EN 60243-3:2001
Electrical strength of insulating materials - Test methods - Part 3: Additional requirements for 1, 2/50 µs impulse tests

This international standard gives requirements additional to those in IEC 60243-1 for the determination of the electric strength of solid insulating materials under 1,2/50 micro seconds impulse voltage stress.
prEVS 38460
Tähtaeg: 2002-11-01
Identne IEC 61198:1993
ja identne EN 61198:1994
Mineral insulating oils - Methods for the determination of 2-furfural and related compounds
This International Standard specifies test methods for the analysis of 2-furfural and related furan compounds resulting from the degradation of cellulosic insulation and found in mineral insulating oil samples taken from electrical equipment.
prEVS 53959
Tähtaeg: 2002-11-01
Identne IEC 60672-2:1999
ja identne EN 60672-2:2000
Ceramic and glass insulating materials - Part 2: Methods of test
Applicable to ceramic, glass and glass-ceramic materials to be used for electrical insulation purposes. Specifies methods of test. Intended to provide test results typical of the material from which the test pieces are processed. Since, in the majority of cases, ceramic components for insulating purposes are of rather different size and shape to test pieces, the results of such tests provide only a guide to the actual properties of components. The limitations imposed by the method of forming and processing are discussed where relevant.

17.240
Kiirgusmõõtmised

Radiation measurements

KAVANDITE ARVAMUSKÜSITLUS
prEVS 33056
Tähtaeg: 2002-11-01
Identne IEC 60731:1997
ja identne EN 60731:1997
Medical electrical equipment - Dosimeters with ionization chambers as used in radiotherapy
This international Standard specifies the performance requirements or radiotherapy dosimeters, as defined in 3.1, intended for the measurement of absorbed dose to water or air kerma (and their rates) in photon or electron radiation fields as used in radiotherapy.

19.020
Katsetingimused ja -protseduurid üldiselt

Test conditions and procedures in general

KAVANDITE ARVAMUSKÜSITLUS
prEVS 22558
Tähtaeg: 2002-11-01
Identne IEC 61115:1992
ja identne EN 61115:1993
Expression of performance of sample handling systems for process analyzers
The standard specifies the tests which should be carried out to determine the functional performance of sample handling systems. In addition, it specifies the information to be provided by the manufacturers and users of such systems.

19.040
Keskkonnakatsetused

Environmental testing

KAVANDITE ARVAMUSKÜSITLUS
prEVS 25782
Tähtaeg: 2002-11-01
Identne IEC 61207-3:2002
ja identne EN 61207-3:2002
Gas analyzers - Expression of performance - Part 3: Paramagnetic oxygen analyzers
This standard applies to the three main methods outlined in Section 1.0; it considers essentail ancillary units and it applies to analysers installed indoors and outdoors. It shall be used in conjunction with Publication IEC 1207-1 "Expression of Performance of Gas Analysers". Note: Safety Critical App. may require an additional requirement of system and analyser specifications not covered in this document.
prEVS 26978
Tähtaeg: 2002-11-01
Identne IEC 60068-2-65:1993
ja identne EN 60068-2-65:1994
Environmental testing - Part 2: Methods of test - Test Fg: Vibration, acoustically induced
To provide standard procedures and guidance for conducting acoustic tests in order to determine the ability of a specimen to withstand vibration caused by a specified sound-pressure level environment to which it is, or is liable to be, subjected. For sound-pressure level environments of less than 120 dB acoustic tests are not normally required.
prEVS 27160
Tähtaeg: 2002-11-01
Identne IEC 60068-2-68:1994
ja identne EN 60068-2-68:1996
Environmental testing - Part 2: Tests - Test L: Dust and sand
Specifies test methods to determine the effects of dust and sand suspended in air, on electrotechnical products.
prEVS 32182
Tähtaeg: 2002-11-01
Identne IEC 60068-2-58:1999
ja identne EN 60068-2-58:1999
Environmental testing - Part 2-58: Tests - Test Td: Test methods for solderability, resistance to dissolution of metallisation and to soldering heat of Surface Mounting Devices (SMD)
The standard provides a standard procedure for determining the solderability, resistance to dissolution of metallization and resistance to soldering heat devices (SMD) (hereafter referred to as specimens). The procedure uses a solder bath and is applicable only to specimens of products designed to withstand short-term immersion in molten solder.
prEVS 32971
Tähtaeg: 2002-11-01
Identne IEC 60068-2-74:1999
ja identne EN 60068-2-74:1999
Environmental testing - Part 2: Tests - Test Xc: Fluid contamination
This part of IEC 68 gives a method of test which provides a standard procedure to determine the ability of components, equipment or their constituent materials, hereinafter referred to as specimen, to withstand accidental contact with fluids, without being unacceptably affected. The fluids listed in this part of IEC 68 are representative of those commonly

encountered in operational applications.
prEVS 33529
Tähtaeg: 2002-11-01
Identne IEC 60068-2-27:1987
ja identne EN 60068-2-27:1993
Basic environmental testing procedures - Part 2: Tests - Test Ea and guidance: Shock
The object of the test is to determine the suitability of components and equipment for application where they are subjected to non-repetitive mechanical shocks and/or to assess their structural integrity.
prEVS 34444
Tähtaeg: 2002-11-01
Identne IEC 60068-2-7:1983 + A1:1986
ja identne EN 60068-2-7:1993
Basic environmental testing procedures - Part 2: Tests - Test Ga and guidance: Acceleration, steady state
The object of this standard is to prove the structural suitability and the satisfactory performance of components, equipment and other electrotechnical products, when subjected to forces produced by steady acceleration environments (other than gravity) such as occur in moving vehicles, especially flying vehicles, rotating parts and projectiles, and to provide a test of structural integrity for certain components.
prEVS 34446
Tähtaeg: 2002-11-01
Identne IEC 60068-2-29:1987 + Corr.:1987
ja identne EN 60068-2-29:1993
Basic environmental testing procedures - Part 2: Tests - Test Eb and guidance: Bump
This standard provides a standard procedure for determining the abolity of a speciment of withstand specified severities of bump.
prEVS 34447
Tähtaeg: 2002-11-01
Identne IEC 60068-2-31:1969 + A1:1982
ja identne EN 60068-2-31:1993
Basic environmental testing procedures - Part 2: Tests - Test Ec: Drop and topple, primarily for equipment-type specimens
The object of the test is to determine the effects upon a specimen of simple standard treatments intended to be representative of the knocks and jolts likely to occur during repair work or rough handling in use on a table or bench.
prEVS 35234
Tähtaeg: 2002-11-01
Identne IEC 60068-2-32:1975 + A1,2:1990
ja identne EN 60068-2-32:1993
Basic environmental testing procedures - Part 2: Tests - Test Ed: Free fall
The object of the test is to determine the effects on specimen of simple standard treatments intended to be representive of the falls likely to be experienced during rough handling, or to demonstrate a minimum degree of robustness, for the purpose of assessing compliance with safety requirements.
prEVS 35236
Tähtaeg: 2002-11-01
Identne IEC 60068-2-47:1999
ja identne EN 60068-2-47:1999
Environmental testing - Part 2-47: Test methods - Mounting of components, equipment and other articles for vibration, impact and similar dynamic tests
Specifies standard methods of mounting of components, and related mounting requirements, for dynamic tests such as shock, bump, vibration and steady-state acceleration.
prEVS 35237
Tähtaeg: 2002-11-01
Identne IEC 60068-2-55:1987
ja identne EN 60068-2-55:1993
Basic environmental testing procedures - Part 2: Tests - Test Ee and guidance: Bounce
The standard provides a standard procedure for determining the ability of a specimen to withstand specified severities of bounce.
prEVS 35238
Tähtaeg: 2002-11-01
Identne IEC 60068-2-57:1999
ja identne EN 60068-2-57:2000
Environmental testing - Part 2-57: Tests - Test Ff: Vibration - Time-history-method
This standard provides a standard procedure for determinig, by the time-history method, the ability of a specimen to withstand specified severities of transient vibration.
prEVS 35271
Tähtaeg: 2002-11-01
Identne IEC 60068-2-59:1990
ja identne EN 60068-2-59:1993
Environmental testing - Part 2: Test methods - Test Fe: Vibration - Sine beat method
The standard details methods for testing components, equipments and other electrotechnical products which in service can be subjected to pulsating or oscillating forces of short duration caused for example by seismic or explosive phenomena or by vibration in machinery.
prEVS 35272
Tähtaeg: 2002-11-01
Identne IEC 60068-2-61:1991
ja identne EN 60068-2-61:1993
Environmental testing - Part 2: Test methods - Test Z/ABDM: Climatic sequence
This International Standard provides standard composite test methods for determining the suitability of a specimen when subjected to environmental conditions consisting of a sequense of temperature, humitidy and, where required, low air pressure environmental stresses.
prEVS 35276
Tähtaeg: 2002-11-01
Identne IEC 60068-2-66:1994
ja identne EN 60068-2-66:1994
Environmental testing - Part 2: Test methods - Test Cx: Damp heat, steady state (unsaturated pressurized vapour)
This International Standard provides a standard test procedure for the purpose of evaluating, in an accelerated manner, the resistance of small electrotechnical products, primarily non-hermetically sealed components, to the deteriorative effect of damp test.
prEVS 35278
Tähtaeg: 2002-11-01
Identne IEC 60068-2-64:1993 + Corr.:1993
ja identne EN 60068-2-64:1994
Environmental testing - Part 2: Test methods - Test Fh: Vibration, broad-band random (digital control) and guidance
The object of this International Standard is to provide two standard test methods (method 1 and method 2) for determining the ability of a specimen to withstand specified severities of broad-band random vibration. Neither test method can be considered more severe than the other, the difference being primarily that method 2 provides more information to quantify the applied test, and is therefore more reproducible.
prEVS 35648
Tähtaeg: 2002-11-01
Identne IEC 60068-2-75:1997

ja identne EN 60068-2-75:1997

Environmental testing - Part 2: Tests - Test Eh: Hammer tests

This part of IEC 60068 provides three standardized and co-ordinated test methods for determining the ability of a specimen to withstand specified severities of impact. It is used, in particular, to demonstrate an acceptable level of robustness when assessing the safety of a product and is primarily intended for the testing of electrotechnical items. It consists of the application of the specimen of the prescribed number of impacts defined by their impact energy and applied in the prescribed directions.

prEVS 38774

Tähtaeg: 2002-11-01

Identne IEC 60068-2-38:1974

ja identne EN 60068-2-38:1999

Environmental testing - Part 2: Tests - Test Z/AD: Composite temperature/humidity cyclic test

The object of this standard is to provide a composite test procedure, primarily intended for component type specimen, to determine in an accelerated manner the resistance of specimens to the deteriorative effects of high temperature/humidity and cold conditions.

prEVS 38776

Tähtaeg: 2002-11-01

Identne IEC 60068-2-39:1976

ja identne EN 60068-2-39:1999

Environmental testing - Part 2: Tests - Test Z/AMD: Combined sequential cold, low air pressure, and damp heat test

The object of this standard is to provide a standard environmental test procedure consisting of the application of cold, low air pressure and damp heat; the first two conditions in combination and the second condition combining with the third during the sequential transition from the first. The test employed are Test A and Test M, but although introduction of moisture is not exactly in accordance with Test D, this letter has been used in identification Z/AMD as being the most appropriate and informative.

prEVS 38777

Tähtaeg: 2002-11-01

Identne IEC 60068-2-30:1980+A1:1985

ja identne EN 60068-2-30:1999

Environmental testing - Part 2: Tests - Test Db and guidance: Damp heat, cyclic (12 + 12-hour cycle)

The object of the test is to determine the suitability of components, equipment or other articles for use and/or storage under conditions of high humidity when combined with cyclic temperature changes. This test replaces the original test D in the Publication 68-2-4 for future applications.

prEVS 38778

Tähtaeg: 2002-11-01

Identne IEC 60068-3-1:1974+3-1A:1978

ja identne EN 60068-3-1:1999

Environmental testing - Part 3: Background information - Section one: Cold and dry heat tests

Gives background information for Tests A: Cold (IEC 68-2-1), and Tests B: Dry heat (IEC 68-2-2). Includes appendices on the effect of: chamber size on the surface temperature of a specimen when no forced air circulation is used; airflow on chamber conditions and on surface temperatures of test specimens; wire termination dimensions and material on surface temperature of a component; measurements of temperature, air velocity and emission coefficient.

prEVS 38779

Tähtaeg: 2002-11-01

Identne IEC 60068-3-2:1976

ja identne EN 60068-3-2:1999

Environmental testing - Part 3: Background information - Section 2: Combined temperature/low air pressure tests

The standard gives background information for Test Z/AM: Combined cold/low air pressure tests for both heat-dissipating and non-heat-dissipating specimens of Publication 68-2-40, and for Test Z/BM: Combined dry-heat/low air pressure tests for both heat-dissipating and non-heat-dissipating specimens of Publication 68-2-41.

prEVS 39982

Tähtaeg: 2002-11-01

Identne IEC 60068-5-2:1990

ja identne EN 60068-5-2:1999

Environmental testing - Part 5: Guide to drafting of test methods - Terms and definitions

Defines terms used in the environmetal testing of electrotechnical products such as components, sub-assemblies, assemblies and equipments.

prEVS 39993

Tähtaeg: 2002-11-01

Identne IEC 60068-2-51:1983

ja identne EN 60068-2-51:1999

Environmental testing - Part 2: Tests - Tests Z/BFc: Combined dry heat/vibration (sinusoidal) tests for both heat-dissipating and non-heat-dissipating specimens

The standard is basically a combination of test Fc: Vibration (sinusoidal) and test B: Dry heat.

prEVS 39994

Tähtaeg: 2002-11-01

Identne IEC 60068-2-50:1983

ja identne EN 60068-2-50:1999

Environmental testing - Part 2: Tests - Tests Z/AFc: Combined cold/vibration (sinusoidal) tests for both heat-dissipating and non-heat-dissipating specimens

The standard is basically a combination of test Fc: Vibration (sinusoidal) and test A: Cold.

prEVS 39995

Tähtaeg: 2002-11-01

Identne IEC 60068-2-48:1982

ja identne EN 60068-2-48:1999

Environmental testing - Part 2: Tests - Guidance on the application of the tests of IEC 60068 to simulate the effects of storage

The standard provides guidance on the application of the tests to simulate effects of storage.

prEVS 39997

Tähtaeg: 2002-11-01

Identne IEC 60068-2-41:1976+A1:1983

ja identne EN 60068-2-41:1999

Environmental testing - Part 2: Tests - Test Z/BM: Combined dry heat/low air pressure tests

The object of this standard is to provide a standard test procedure to determine the suitability of components, equipment or other articles for use and/or storage under a combination of high temperature and low air pressure.

prEVS 39998

Tähtaeg: 2002-11-01

Identne IEC 60068-2-40:1976+A1:1983

ja identne EN 60068-2-40:1999

Environmental testing - Part 2: Tests - Test Z/AM: Combined cold/low air pressure tests

The object of this test is to determine the ability of components or equipment or other articles to be stored and used under a simultaneous combination of low temperature and low air pressure.This combined test should normally be used only if the effects of combined environments will not be revealed by subjecting the specimen to single environments. The procedures given in this publication are limited to the case of specimens which achieve temperature stability during the test procedure.
prEVS 39999
Tähtaeg: 2002-11-01
Identne IEC 60068-2-33:1971+A1:1978
ja identne EN 60068-2-33:1999
Environmental testing - Part 2: Tests - Guidance on change of temperature tests
This recommendation gives gives guidance to designers and testing personnel on the specification and use of change of temperature tests.
prEVS 40012
Tähtaeg: 2002-11-01
Identne IEC 60068-2-9:1975+A1:1984
ja identne EN 60068-2-9:1999
Environmental testing - Part 2: Tests - Guidance for solar radiation testing
The standard describes methods of simulation designed to examine the effect of solar radiation on equipment and components at the surface of the earth. To be used with Publication 68-2.5.
prEVS 53853
Tähtaeg: 2002-11-01
Identne IEC 60068-2-77:1999
ja identne EN 60068-2-77:1999
Environmental testing - Part 2-77: Tests - Test 77: Body strength and impact shock
Provides test methods applicable to surface mounting devices made of glass or sintered materials such as capacitors, resistors and inductors incorporating ferrites. Two test methods exist: body strength and impact shock. The object of both tests is to evaluate the mechanical stresses applied to SMDs during and after mounting; these tests look at different mechanical stresses.
prEVS 53857
Tähtaeg: 2002-11-01
Identne IEC 60068-3-3:1991
ja identne EN 60068-3-3:1993
Environmental testing; part 3: guidance; seismic test methods for equipments
Guidance is included in each of the three test methods referred to in this standard but it is specific to the test method. The guidance in this standard is directed towards choosing the appropriate test method and applying it to seismic testing.
prEVS 53963
Tähtaeg: 2002-11-01
Identne IEC 60068-2-56:1988
ja identne HD 323.2.56 S1:1990
Basic environmental testing procedures; Part 2: tests; test Cb: damp heat, steady state, primarily for equipment
Determines the suitability of electrotechnical products, principally equipment, for use and storage under conditions of high humidity.

19.080 Elektrilised ja elektroonilised katse- ja mõõtevahendid

Electrical and electronic testing

KAVANDITE ARVAMUSKÜSITLUS

prEVS 21993
Tähtaeg: 2002-11-01
Identne IEC 61220:1993
ja identne EN 61220:1995
Ultrasonics - Fields - Guidance for the measurement and characterization of ultrasonic fields generated by medical ultrasonic equipment using hydrophones in the frequency range 0,5 MHz to 15 MHz
Provides guidance on the practical measurement of the acoustic output of various types of medical ultrasonic equipment. Contains also procedures for correcting limitations caused by the use of hydrophones with finite bandwidth and finite active element size.
prEVS 22573
Tähtaeg: 2002-11-01
Identne IEC 61107:1996
ja identne EN 61107:1996
Data exchange for meter reading, tariff and load control - Direct local data exchange
Specifies hardware and protocol specifications for local systems. Deals with direct local systems, in which the hand held unit is connected to one tariff device only at a time.
prEVS 53713
Tähtaeg: 2002-11-01
Identne IEC 61180-1:1992
ja identne EN 61180-1:1994
High-voltage test techniques for low-voltage equipment - Part 1: Definitions, test and procedure requirements
Applies to: -dielectric tests with direct voltage -dielectric tests with alternating voltage -dielectric tests with impulse voltage -tests with impulse current -tests with combinations of the above.
prEVS 53724
Tähtaeg: 2002-11-01
Identne IEC 61207-1:1994
ja identne EN 61207-1:1994
Expression of performance of gas analyzers; part 1: General
Applies to gas analyzers used for the determination of certain constituents in gaseous mixtures. Specifies general aspects of terminology and definitions related to the performance. Unifies methods for making and verifying statements on functional performance. Specifies tests to determine functional performance.
prEVS 53728
Tähtaeg: 2002-11-01
Identne IEC 61207-6:1994
ja identne EN 61207-6:1994
Expression of performance of gas analyzers - Part 6: Photometric analyzers
Applies to analyzers using non-dispersive and dispersive wavelength selection and using absorption, emission, or wavelength derivative techniques. Applies to analyzers receiving conditioned or unconditioned samples of gas under vacuum or pressurized, and to measurements directly within the sample gas.

19.100 Mittepurustav katsetamine

Non-destructive testing

UUED STANDARDID

EVS-EN 13554:2002
Hind 109,00
Identne EN 13554:2002
Non-destructive testing - Acoustic emission - General principles

This standard defines the general principles required for the acoustic emission (AE) testing of industrial structures, components, and different materials under stress and for harsh environment, in order to provide a defined and repeatable performance. It includes guide lines for the preparation of application documents, which describe the specific requirements for the application of the AE method.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53836
Tähtaeg: 2002-12-01
Identne ISO/DIS 9934-2:2002 ja identne prEN ISO 9934-2:2002
Non-destructive testing - Magnetic particle testing - Part 2: Detection media
This European Standard specifies the significant properties of magnetic particle testing products (including magnetic ink, powder, carrier liquid, contrast aid paints) and the methods for checking their properties
prEVS 53918
Tähtaeg: 2002-12-01
Identne prEN 13925-3:2002
Non destructive testing - X-ray diffraction from polycrystalline and amorphous materials - Part 3: Instruments
This European standard sets out the characteristics of instruments used for X-ray powder diffraction (powder as defined in prEN 13925-1, clause 5) as a basis for their control and hence quality assurance of the measurements made by this technique. Performance testing indicators are given for diffractometer performance testing

21.160 Vedrud

Springs

UUED STANDARDID

EVS-EN 13906-1:2002
Hind 170,00
Identne EN 13906-1:2002
Cylindrical helical springs made from round wire and bar - Calculation and design - Part 1: Compression springs
This standard specifies the calculation and design of cylindrical helical compression springs with a linear characteristic, made from round wire and bar of constant diameter with values according to Table 1, and in respect of which the principal loading is applied in the direction of the spring axis.

23.020.30 Surveanumad, gaasiballoonid

Pressure vessels, gas cylinders

UUED STANDARDID

EVS-EN 12542:2002
Hind 212,00
Identne EN 12542:2002
Static welded steel cylindrical tanks, serially produced for the storage of Liquefied Petroleum Gas (LPG) having a volume not greater than 13 m³ and for installation above ground - Design and manufacture
This European Standard specifies requirements for the design and manufacture of static welded steel cylindrical tanks, serially produced for the storage of liquefied petroleum gas (LPG) with a volume not greater than 13 m3 and for installation above ground.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 12218
Tähtaeg: 2003-01-01
Identne prEN 13293:2002
Transportable gas cylinders - Specification for the design and construction of refillable transportable seamless normalized carbon manganese steel gas cylinders of water capacity up to 0,5 litre for compressed, liquefied and dissolved gases and up to 1 litre for carbon dioxide
This draft standard sets out minimum requirements for the material design, construction and workmanship, manufacturing processes and tests at manufacture of refillable seamless nomalized gas cylinders made from carbon manganese steel of water capacities up to and including 0,5 litre for permanent, liquefiable and dissolved gases and up to 1 litre for carbon dioxide use only
prEVS 53798
Tähtaeg: 2002-12-01
Identne prEN 764-6:2002
Pressure equipment - Part 6: Operating instructions
This part six of this European Standard identifies the requirements for operating instructions which accompany the pressure equipment when it is placed on the marked. Operating instructions shall contain the necessary safety information covering installation including assembling, putting into service and maintenance
prEVS 53818
Tähtaeg: 2002-12-01
Identne prEN 14075:2002
Static welded steel cylindrical tanks, serially produced for the storage of Liquefied Petroleum Gas (LPG) having a volume not greater than 13 m3 and for installation underground - Design and manufacture
This European Standard specifies requirements for the design and manufacture of static welded steel cylindrical tanks, serially produced for the storage of liquefied petroleum gas (LPG) with a volume not greater than 13 m3 and for installation underground

23.040.01 Torustike osad ja torustikud üldiselt

Pipeline components and pipelines in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53839
Tähtaeg: 2002-12-01
Identne prEN 13595-2:2002
Guidance on the classification and design of plastics piping systems used for renovation
This standard is a guidance document, defining families of techniques for renovation of non-pressure and pressure pipelines by use of plastics pipes, fittings and ancillary components
prEVS 53861
Tähtaeg: 2002-12-01
Identne prEN 13480-6:2002
Metallic industrial piping - Part 6: Additional requirements for buried piping

This part of EN 13480 identifies specific requirements for industrial piping either totally buried or partly buried and partly run in sleeves or similar protection. It must be used in conjunction with the other six parts of EN 13480

23.040.10
Malm- ja terastorud

Iron and steel pipes

UUED STANDARDID

EVS-EN 10288:2002
Hind 199,00
Identne EN 10288:2002
Steel tubes and fittings for onshore and offshore pipelines - External two layer extruded polyethylene based coatings
This European Standard defines the application of factory applied external two layer extruded polyethylene based coatings for the corrosion protection of tubes and pipeline components. External extruded polyethylene coating can be used for the protection of buried or submerged tubes service at temperatures up to + 60 °C for type 1 and + 30 °C for type 2. The coatings in this standard can be applied to longitudinally or spirally welded and to seamless steel tubes and components used for the construction of pipelines for conveying liquids or gases. Tubes coated with this type of coating may be further protected by means of cathodic protection.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53811
Tähtaeg: 2002-12-01
Identne prEN 10298:2002
Steel tubes and fittings for onshore and offshore pipelines - Internal lining with cement mortar
This European standard specifies requirements for cement mortar linings for protecting the internal surface of steel tubes and pipeline components. It also specifies requirements for their application. It is applicable to the linings of tubes which have been welded longitudinally or spirally, seamless tubes and non-alloy steel components used for fluid transportation. This standard does not cover in situ applied or rehabilitation linings

23.040.40
Metallist toruliitmikud

Metal fittings

UUED STANDARDID

EVS-EN 10288:2002
Hind 199,00
Identne EN 10288:2002
Steel tubes and fittings for onshore and offshore pipelines - External two layer extruded polyethylene based coatings
This European Standard defines the application of factory applied external two layer extruded polyethylene based coatings for the corrosion protection of tubes and pipeline components. External extruded polyethylene coating can be used for the protection of buried or submerged tubes service at temperatures up to + 60 °C for type 1 and + 30 °C for type 2. The coatings in this standard can be applied to longitudinally or spirally welded and to seamless steel tubes and components used for the construction of pipelines for conveying liquids or gases. Tubes coated with this type of coating may be further protected by means of cathodic protection.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53811
Tähtaeg: 2002-12-01
Identne prEN 10298:2002
Steel tubes and fittings for onshore and offshore pipelines - Internal lining with cement mortar
This European standard specifies requirements for cement mortar linings for protecting the internal surface of steel tubes and pipeline components. It also specifies requirements for their application. It is applicable to the linings of tubes which have been welded longitudinally or spirally, seamless tubes and non-alloy steel components used for fluid transportation. This standard does not cover in situ applied or rehabilitation linings

23.040.50
Muust materjalist torud ja toruliitmikud

Pipes and fittings of other materials

KAVANDITE ARVAMUSKÜSITLUS

prEVS 25210
Tähtaeg: 2002-12-01
Identne prEN 1916:2002
Concrete pipes and fittings, unreinforced, steel fibre and reinforced
This European Standard specifies performance requirements as defined in Table 1 and describes test methods for precast concrete pipes and fittings, unreinforced, steel fibre and reinforced, with flexible joints (with seals either integrated in the units or supplied separately) and nominal sizes not exceeding DN 1 750 for units with a circular bore or WN/HN 1 200/1 800 for units with an egg-shaped bore, for which the main intended use is the conveyance of sewage, rainwater and surface water under gravity or occasionally at low head of pressure, in pipelines that are generally buried

23.040.60
Äärikud, muhvid jm toruühendused

Flanges, couplings and joints

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53725
Tähtaeg: 2002-12-01
Identne prEN 14420-6:2002
Hose fittings with clamp units - Part 6: TW tank truck couplings
This standard shall be used for hose fittings with couplings for tank trucks (TW couplings).Couplings for tank trucks in accordance to this standard are intended to link hoses with connections for the transport of liquids, solid matters and gases with the exception of liquid gas and steam. They can be employed in a pressure range of -800 mbar up to 10 bar at temperatures of -20 °C up to 65 °C. Couplings for tank trucks for other operating conditions shall be subject to agreement
prEVS 53730
Tähtaeg: 2002-12-01

Identne prEN 14420-9:2002
Hose fittings with clamp units - Part 9: Gauges for TW tank truck couplings
Gauges in accordance to this standard shall be used for checking the dimension of a sealing ring, a curved piece, a tension ring and a cap and for checking the angle between cams of a curved piece as well as the angle between two gaps of a sealing ring

23.040.70 Voolikud ja voolikuühendused

Hoses and hose assemblies

UUED STANDARDID

EVS-EN 739:1999/A1:2002
Hind 57,00
Identne EN 739:1998/A1:2002
Meditsiiniliste gaaside jaoks kasutatavad madalrõhu voolikukomplektid
Käesolev standard esitab nõuded madalrõhu voolikukomplektidele, mis on ette nähtud kasutamiseks järgmiste meditsiiniliste gaasidega: hapnik, dilämmastikoksiid, õhk hingamiseks, heelium, süsinikdioksiid, ksenoon, eespool loetletud gaaside kindlaksmääratud segud, õhk kirurgiariistade käitamiseks, lämmastik kirurgiariistade käitamiseks; ning vaakumiga.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53711
Tähtaeg: 2002-12-01
Identne prEN 14450-1:2002
Hose fittings with clamp units - Part 1: Requirements, survey, designation and testing
This European Standard specifies requirements for hose fittings for hoses made of elastomers or thermoplastics preferably for use with flammable and non-flammable water-polluting substances. It contains requirements for hose fittings to ensure that, when used appropriately, the user or third persons are not exposed to hazards from fire, explosions or acid burns, for example from mineral oils or chemicals, and that the environment is protected from pollution and other detriments
prEVS 53712
Tähtaeg: 2002-12-01
Identne prEN 14420-2:2002
Hose fittings with clamp units - Part 2: Hose side parts of hose shank - Dimensions and types
This European Standard specifies requirements for the hose shank of hose fittings for use with clamp units according to EN 14420-3
prEVS 53716
Tähtaeg: 2002-12-01
Identne prEN 14420-3:2002
Hose fittings with clamp units - Part 3: Clamp units, pinned or bolted
This standard specifies requirements for clamp units for hose couplings according to EN 14420-1 for use with hose shanks according to EN 14420-2
prEVS 53717
Tähtaeg: 2002-12-01
Identne prEN 14421:2002
Hose tail and ferrule for crimping and swaging
This standard applies for hose tails and ferrules for crimping and swaging and covers the following types of attachment between hose and couplings
prEVS 53719
Tähtaeg: 2002-12-01
Identne prEN 14420-4:2002
Hose fittings with clamp units - Part 4: Flange connections
This standard specifies requirements for hose shanks with flanges of mating dimensions PN 10 according to EN 1092-1, on hose fittings with clamp units according to EN 14420-3
prEVS 53721
Tähtaeg: 2002-12-01
Identne prEN 14420-5:2002
Hose fittings with clamp units - Part 5: Threaded connections
This standard specifies requirements for hose fittings with clamp units according to EN 14420-1 with union nut and pipe thread according to ISO 228-1 as well as for hose shanks according to EN 14420-2 with male pipe thread according to ISO 228-1
prEVS 53725
Tähtaeg: 2002-12-01
Identne prEN 14420-6:2002
Hose fittings with clamp units - Part 6: TW tank truck couplings
This standard shall be used for hose fittings with couplings for tank trucks (TW couplings).Couplings for tank trucks in accordance to this standard are intended to link hoses with connections for the transport of liquids, solid matters and gases with the exception of liquid gas and steam. They can be employed in a pressure range of -800 mbar up to 10 bar at temperatures of -20 °C up to 65 °C. Couplings for tank trucks for other operating conditions shall be subject to agreement
prEVS 53727
Tähtaeg: 2002-12-01
Identne prEN 14420-7:2002
Hose fittings with clamp units - Part 7: Cam locking couplings
Cam locking couplings according to this standard serve as the link between hoses and connections to transport liquids, solids and gases, except liquid gas and steam. The couplings shall be capable of operating the pressure range - 0,8 bar to 10 bar maximum permissible pressure in a temperature range of - 20 °C up to 65 °C
prEVS 53729
Tähtaeg: 2002-12-01
Identne prEN 14420-8:2002
Hose fittings with clamp units - Part 8: Symmetrical half coupling (Guillemin system)
This European Standard applies to hose fittings with symmetrical half couplings (Guillemin system), with mobile locking ring, for hose assemblies up to PN 10, with hose shanks according to EN 14420-2 and clamp units according to EN 14420-3. Couplings in accordance with this European Standard serve as link between hoses and connections to transport liquids, solids (e.g. powders, granules) except steam and liquid gas. It specifies dimensions, types of connections, quality of materials, marking requirements and testing requirements
prEVS 53730
Tähtaeg: 2002-12-01
Identne prEN 14420-9:2002
Hose fittings with clamp units - Part 9: Gauges for TW tank truck couplings
Gauges in accordance to this standard shall be used for checking the dimension of a sealing ring, a curved piece, a tension ring and a cap and for checking the angle between cams of a curved piece as well as the angle between two gaps of a sealing ring
prEVS 53732
Tähtaeg: 2002-12-01
Identne prEN 14420-10:2002
Hose fittings with clamp unit - Part 10: Gauges for cam-locking couplings

The gauge in accordance to this standard shall be used for checking the cam coupler types according to EN 14420-7
prEVS 53733
Tähtaeg: 2002-12-01
Identne prEN 14420-11:2002
Hose fittings with clamp units - Part 11: Gauges for symmetrical half couplings (Guillemin system)
The gauge in accordance to this standard shall be used for checking:- The dimension between bottom of the seal's groove and the median axis of the helicoidal ramps of jaws as well as the inside diameters of the jaws.- The dimension between bottom of the seal's groove and the median axis of the helicoidal ramps of mobile lockingring as well as the outside diameter of the coupling
prEVS 53734
Tähtaeg: 2002-12-01
Identne prEN 14422:2002
Clamp type coupling assemblies for LPG transfer hoses
This European Standard shall be applied to hose fittings for hoses made of elastomer for transfer of liquid natural gas LPG (liquid or vapour phase) and natural gas, e.g. LPG hoses according to EN 1762
prEVS 53735
Tähtaeg: 2002-12-01
Identne prEN 14423:2002
Clamp type coupling assemblies for use with DN 15 to DN 50 steam hoses rated for pressures up to 18 bar
This standard specifies the design, materials and dimensions of fittings for clamp type coupling assemblies for use with DN 15 to DN 50 steam and hot water hoses which comply with prEN ISO 6134. It covers assemblies that are rated for pressures up to 18 bar (corresponding to a saturated steam temperature of 210 °C
prEVS 53854
Tähtaeg: 2002-12-01
Identne prEN 14454:2002
Devices to prevent pollution by backflow of potable water - Hose union backflow preventer DN 15 to DN 32 inclusive - Family H, type A
This draft European standard specifies: - the field of application; - the requirements for hose union backflow preventer with non polymeric bodies; - the dimensional and the physico-chemical properties and the properties of general hydraulic, mechanical and acoustic design to which hose union backflow preventers of nominal sizes DN 15 up to and including DN 32; - the test method and requirements for verifying these properties. For combined devices1) only the anti-pollution tests have to be performed; - the marking and the presentation; - the acoustics

23.040.99 Muud torustike komponendid

Other pipeline components

KAVANDITE ARVAMUSKÜSITLUS

prEVS 31801
Tähtaeg: 2002-12-01
Identne EN 10289:2002
Steel tubes and fittings for onshore and offshore pipelines - External liquid applied epoxy and epoxy-modified coatings
This European Standard specifies the reqiurements of liquid applied external coating, epoxy (EP) and epoxymodified (EP-MOD), for the corrosion protection of steel tubes and pipeline fittings. The coating in this standard can be applied to longitudinally or spirally welded and to seamless steel tubes and fittings used for the construction of pipelines for conveying liquids or gases

23.060.01 Sulgeseadmed üldiselt

Valves in general

UUED STANDARDID

EVS-EN 19:2002
Hind 83,00
Identne EN 19:2002
Industrial valves - Marking of metallic valves
This Standard specifies the requirements for marking of industrial metallic valves. It defines the method of applying the markings, on the body, on a flange, on an identification plate or any other location. When specified as a normative reference in a valve product or performance standard, this Standard has to be considered in conjunction with the specified requirements of that valve product or performance standard. The marking requirements for plastic valves are not within the scope of this Standard.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53889
Tähtaeg: 2002-12-01
Identne prEN 12516-3:2002
Valves - Shell design strength - Part 3: Experimental method
This standard specifies requirements for an experimental method to prove that representative samples of valve shells and their body ends, made in cast iron, steel or copper alloy materials, are designed to possess the required pressure containing capability, with an adequate margin of safety

23.060.40 Rõhuregulaatorid

Pressure regulators

UUED STANDARDID

EVS-EN 738-1:1999/A1:2002
Hind 66,00
Identne EN 738-1:1997/A1:2002
Pressure regulators for use with medical gases - Part 1: Pressure regulators and pressure regulators with flow metering devices
Standardi käesolev osa kehtib rõhuregulaatorite kohta, mis on ette nähtud meditsiiniliste gaaside manustamiseks ravimisel, ravivõtete rakendamisel, diagnostilisel hindamisel ja patsientide hooldamisel.
EVS-EN 738-3:1999/A1:2002
Hind 66,00
Identne EN 738-3:1998/A1:2002
Meditsiiniliste gaaside rõhu regulaatorid. Osa 3: Ballooni ventiilidega ühendatud rõhuregulaatorid

Standardi käesolev osa kehtib ballooni ventiilidega ühendatud rõhuregulaatorite kohta, mis on ette nähtud järgmiste meditsiiniliste gaaside manustamiseks ravimisel, ravivõtete rakendamisel, diagnostilisel hindamisel ja patsientide hooldamisel: hapnik, dilämmastikoksiid, õhk hingamiseks, heelium, süsinikdioksiid, ksenoon, eespool loetletud gaaside kindlaksmääratud segud, õhk kirurgiliste riistade käitamiseks, lämmastik kirurgiliste riistade käitamiseks.

EVS-EN 738-4:1999/A1:2002
Hind 57,00
Identne EN 738-4:1998/A1:2002
Meditsiiniliste gaaside rõhu regulaatorid. Osa 4: Madalrõhuregulaatorid, mis on ette nähtud meditsiinilise aparatuuri koosseisu lülitamiseks
Standardi käesolev osa kehtib madalrõhuregulaatorite kohta, mis sobivad 280 - 600 kPa rõhu sisselaskmiseks ning mis on hangitud ja pakitud kasutamiseks meditsiiniaparatuuris, mis on ette nähtud järgmiste meditsiiniliste gaaside manustamiseks ravimisel, ravivõtete rakendamisel, diagnostilisel hindamisel ja patsientide hooldamisel: hapnik, dilämmastikoksiid, õhk hingamiseks, heelium, süsinikdioksiid, ksenoon, eespool loetletud gaaside kindlaksmääratud segud. Käesolev standard ei kehti rõhuregulaatorite kohta, mis on hangitud kui tagavaraosad spetsiifiliseks kasutamiseks.

EVS-EN ISO 15615:2002
Hind 126,00
Identne ISO 15615:2002
ja identne EN ISO 15615:2002
Gas welding equipment - Acetylene manifold systems for welding, cutting and allied processes - Safety requirements in high-pressure devices
This standard lays down the general specifications, requirements and tests of devices located on the high-pressure side of acetylene manifold systems as defined in EN ISO 14114. The standard does not cover the high-pressure piping, flexible hoses and the regulator.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53814
Tähtaeg: 2002-12-01
Identne prEN 14382:2002
Safety devices for gas pressure regulating stations and installations - Gas safety shut-off devices for operating pressures up to 100 bar
This European Standard specifies constructional, functional, sizing, and testing requirements, also documentation and marking of gas safety shut-off devices: - for operating pressures up to 100 bar and nominal diameters up to DN 400; - used at an operating temperature range from 20 °C to +60 °C which operate with fuel gases of the 1st and 2nd family according to EN 437 in transmission and distribution networks and industrial installations

23.060.50 Lühikese vahekerega tagasilöögiklapid

Wafer check valves

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53852
Tähtaeg: 2002-12-01
Identne prEN 14452:2002
Devices to prevent pollution by blackflow of potable water - Pipe interrupter with atmospheric vent and moving element DN 10 to DN 20 inclusive - Family D, type B
This draft European standard specifies : - the field of application ; - the requirements for pipe interrupters with atmospheric vent and moving element with non polymeric bodies ; - the dimensional and the physico-chemical properties, and the properties of general hydraulic, mechanical and acoustic design to which pipe interrupters with elastic membrane of nominal size DN 10 up to and including DN 20 ; - the test procedure and requirements for verifying these properties ; - the marking and the presentation ; - the acoustics
prEVS 53855
Tähtaeg: 2002-12-01
Identne prEN 14455:2002
Devices to prevent pollution by blackflow of potable water - Pressurised air inlet valves DN 15 to DN 50 inclusive - Family L, type A and type B
This draft European standard specifies: - the field of application; - the requirements for pressurised air inlet valves with non polymeric bodies; - the dimensional and the physico-chemical properties and the properties of general hydraulic, mechanical and acoustic design to which pressurised air inlet valves of nominal sizes DN 15 up to and including DN 50; - the family L, type A; - the family L, type B; - the test procedure and requirements for verifying these properties. For combined devices1) only the anti-pollution tests are to be performed; - the marking and the presentation; the acoustics

23.120 Ventilaatorid. Puhurid. Kliimaseadmed

Ventilators. Fans. Air-conditioners

UUED STANDARDID

EVS-EN 13182:2002
Hind 126,00
Identne EN 13182:2002
Ventilation for buildings - Instrumentation requirements for air velocity measurements in ventilated spaces
This European Standard specifies the main characteristics of air velocity measuring devices. This includes requirements for thermal velocity probes, recalibration and the signal processing of measurements in a ventilated space, including those in the air jet and in the occupied zone. Other types of velocity measuring devices should fulfil the performance parameters stated but appropriate calibration techniques should not necessarily be used which are described in this standard.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 29226
Tähtaeg: 2002-11-01
Identne IEC 60704-2-7:1997
ja identne EN 60704-2-7:1998
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2: Particular requirements for fans

This standard applies to electrical fans (including their accessories and their component parts), for household and similar use, designed for a.c. or d.c. supply.
prEVS 53863
Tähtaeg: 2002-12-01
Identne prEN 14461:2002
Industrial fans - Safety requirements
This European Standard is applicable to all types of industrial fans. It does not apply to fans intended for household or similar purposes. The standard lists the significant hazards associated with fans and specifies safety requirements applicable to the design, installation, operation, maintenance and dismantling of fans during their foreseeable lifetime and subsequent disposal

25.040.40
Mõõtmine ja kontroll tööstusprotsessides

Industrial process measurement and control

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22500
Tähtaeg: 2002-11-01
Identne IEC 61131-3:1993
ja identne EN 61131-3:1993
Programmable controllers - Part 3: Programming languages
This European Standard applies to the printed and displayed representation, using characters of the ISO/IEC 646 character set, of the programming languages to be used for programmable controllers. Specifies the syntax and semantics.
prEVS 31590
Tähtaeg: 2002-11-01
Identne IEC 60654-2:1979 + A1:1992
ja identne EN 60654-2:1997
Operating conditions for industrial process measurement and control equipment - Part 2: Power
The standard gives the limiting values for power received by land-based and off-shore industrial process measurement and control systems or parts of systems, during operation. Maintenance and repair conditions are not considered.
prEVS 31591
Tähtaeg: 2002-11-01
Identne IEC 60654-3:1983
ja identne EN 60654-3:1997
Operating conditions for industrial-process measurement and control equipment - Part 3: Mechanical influences
The standard considers the specific operating conditions of vibration, shock, seismic and mechanical stress conditions to which land-based, and off-shore, industrial-process measurement and control systems or parts of systems may be exposed during operation, storage or transportation. Maintenance and repair conditions are excluded from consideration.
prEVS 31592
Tähtaeg: 2002-11-01
Identne IEC 60654-4:1987
ja identne EN 60654-4:1997
Operating conditions for industrial-process measurement and control equipment - Part 4: Corrosive and erosive influences
The standard considers the corrosive and erosive industrial environment to which land-based and off-shore, industrialprocess measurement and control systems or parts of systems may be exposed during operation, during periods when they are installed but inactive, during storage or transportation. Maintenace and repair conditions are not considered.
prEVS 35177
Tähtaeg: 2002-11-01
Identne IEC 60770-1:1999
ja identne EN 60770-1:1999
Transmitters for use in industrial-process control systems - Part 1: Methods for performance evaluation
The Standard applies to transmitters which have either a standard electric current output signal or a standard pneumatic output signal in accordance with Publication 381-1 or Publication 382. The test detailled herein may be applied to transmitters which have other output signals, provided that allowance is made for such difference. For certain types of transmitters, where the sensor is an integral part, other specific IEC or ISO standards may need to be consulted (e.g. for chemical analysers, flowmeters, etc.)
prEVS 53962
Tähtaeg: 2002-11-01
Identne IEC 60654-1:1993
ja identne EN 60654-1:1993
Industrial-process measurement and control equipment; operating conditions; part 1: climatic conditions
Lists environmental climatic conditions e.g. air temperature humidity and air pressure in specified locations to which land-based and offshore industrial-process measurement and control systems may be exposed during operation, during periods when they are installed but inactive and during storage or transportation.

25.140.20
Elektritööriistad

Electric tools

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22485
Tähtaeg: 2002-11-01
Identne IEC 61176:1993
ja identne EN 61176:1993
Hand-held electric mains voltage operated circular saws - Methods for measuring the performance
This European Standard applies to hand-held electrically operated circular saws, intended for household and similar use both indoors and outdoors. Defines the principal performance characteristics of circular saws that are of interest to the user and describes the standardized methods for measuring these characteristics.

25.160.10
Keevitustööd ja keevitaja kutseoskus

Welding processes

UUED STANDARDID

EVS-EN ISO 15011-1:2002
Hind 101,00
Identne ISO 15011-1:2002
ja identne EN ISO 15011-1:2002
Health and safety in welding and allied processes - Laboratory method for sampling fume and gases generated by arc welding - Part 1: Determination of emission rate and sampling for analysis of particulate fume

This European standard describes a method for the determination of the particulate fume emission rate from arc welding processes using a fume box technique. It defines a method of sampling particulate fume for chemical analysis and suggests possible analytical techniques in order to characterize fumes emitted by consumable during welding.

EVS-EN ISO 15614-8:2002
Hind 126,00
Identne ISO 15614-8:2002
ja identne EN ISO 15614-8:2002
Specification and approval of welding procedures for metallic materials - Welding procedure test - Part 8: Welding of tubes to tube-plate joints
This standard specifies requirements for the approval testing of welding procedures for the arc welding of tube to tube-plate joints in metallic materials by manual, semiautomatic, automatic or mechanized processes.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53822
Tähtaeg: 2002-12-01
Identne ISO/DIS 18278-1:2002
ja identne prEN ISO 18278-1:2002
Resistance welding - Weldability - Part 1: Assessment of weldability for resistance spot, seam and projection welding of metallic materials
This standard recommends procedures for determining the generic weldability for resistance spot, seam and projection welding of metallic materials for welding
prEVS 53824
Tähtaeg: 2002-12-01
Identne ISO/DIS 18278-2:2002
ja identne prEN ISO 18278-2:2002
Resistance welding - Weldability - Part 2: Alternative procedures for the assessment of steel sheets for spot welding
This standard specifies a laboratory test procedure for the determination of the acceptable welding current range and the assessment of electrode life using a multi-spot test with specific conditions. This standard applies to the assessment of new uncoated and coated steel sheets of thicknesses up to 3 mm
prEVS 53829
Tähtaeg: 2002-12-01
Identne prEN 14448:2002
Heated tool welding of thermoplastics mouldings in mass production
This specification applies for the hot plate welding of moulded parts between each other and for combinations of moulded parts and semi-finished parts
prEVS 53881
Tähtaeg: 2002-12-01
Identne ISO/DIS 17660:2002
ja identne prEN ISO 17660:2002
Welding of reinforcing steel
This standard applies to the welding of weldable reinforcing steels and stainless reinforcing steels according to relevant standards or technical qualifications in workshops or on site. It covers also joints between reinforcing steel bars and other steel components such as connection devices, insert anchors including prefabricated assemblies

25.160.20 Elektroodid ja täidisemetallid

Welding consumables

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53775
Tähtaeg: 2002-12-01
Identne prEN 756:2002
Welding consumables - Solid wire, tubular cored electrodes and electrode-flux combinations for submerged arc welding of non alloy and fine grain steels - Classification
This standard specifies requirements for classification of electrode-flux combinations and all-weld metal in the as-welded condition for submerged arc welding of non alloy and fine grain steels with a minimum yield strength of up to 500 N/mm^2. Classification can be made with solid wire electrodes or tubular cored electrodes. One flux may be classified with different electrodes. The solid wire electrode is also classified separately based on its chemical composition. Fluxes for the single and two run techniques are classified on the basis of the two run technique
prEVS 53821
Tähtaeg: 2002-12-01
Identne ISO/DIS 18273:2002
ja identne prEN ISO 18273:2002
Welding consumables - Wire electrodes, wires and rods for welding of aluminium and aluminium alloys - Classification
This standard specifies requirements for classification of wire electrodes, wires and rods for gas shielded metal arc welding, gas tungsten arc welding, plasma arc welding or other processes for welding of aluminium and aluminium alloys. The classification of the wire electrodes, wires and rods is based on their chemical composition

25.160.30 Keevitusseadmed

Welding equipment

UUED STANDARDID

EVS-EN ISO 7287:2002
Hind 109,00
Identne ISO 7287:2002
ja identne EN ISO 7287:2002
Termolõikamisseadmete graafilised tingmärgid
This International Standard covers graphical symbols which are to be placed on thermal cutting equipment in order to instruct the persons handling the equipment as to its use and operation.

EVS-EN ISO 15615:2002
Hind 126,00
Identne ISO 15615:2002
ja identne EN ISO 15615:2002
Gas welding equipment - Acetylene manifold systems for welding, cutting and allied processes - Safety requirements in high-pressure devices
This standard lays down the general specifications, requirements and tests of devices located on the high-pressure side of acetylene manifold systems as defined in EN ISO 14114. The standard does not cover the high-pressure piping, flexible hoses and the regulator.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53773
Tähtaeg: 2002-12-01
Identne EN 13622:2002
Gas welding equipment - Terminology - Terms used for gas welding equipment
This standard constitutes a compilation of technical terms and definitions specificly related to gas welding equipment.

25.180.10
Elektriahjud

Electric furnaces

KAVANDITE ARVAMUSKÜSITLUS

prEVS 32346
Tähtaeg: 2002-11-01
Identne IEC 60239:1997
ja identne EN 60239:1997
Nominal dimensions of cylindrical machined graphite electrodes with threaded sockets and nipples for use in electric arc furnaces
This standard applies to turned and threaded cylindrical electrodes and to graphite nipples for use as full graphite columns on arc furnaces.
prEVS 34323
Tähtaeg: 2002-11-01
Identne IEC 60646:1992
ja identne EN 60646:1998
Test method for crucible induction furnaces
This International Standard applies to electrical installations comprising industrial crucible induction furnaces for melting, holding and superheating. Its object is the standardization of test methods to determine the essential parameters and technical characteristic of electroheat installations comprising the type of furnaces indicated above.
prEVS 53941
Tähtaeg: 2002-11-01
Identne IEC 60240-1:1992
ja identne EN 60240-1:1994
Characteristics of electric infra-red emitters for industrial heating - Part 1: Short wave infra-red emitters
This part deals with bulb reflector infra-red lamps and tubular emitters.

25.220.01
Pinnatöötlus ja pindamine üldiselt

Surface treatment and coating in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53862
Tähtaeg: 2002-12-01
Identne prEN 14462:2002
Surface treatment equipment - Noise test code for surface treatment equipment including its ancillary handling equipment - Accuracy grades 2 and 3
This standard specifies all the information necessary to carry out efficiently and under standardised conditions the determination, declaration and verification of the airborne noise emission of surface treatment machines as stated in annex A

25.220.20
Pinnatöötlus

Surface treatment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53827
Tähtaeg: 2002-12-01
Identne ISO/DIS 17836:2002
ja identne prEN ISO 17836:2002
Determination of the deposition efficiency for thermal spraying
This standard defines the procedure for determining the deposition efficiency for a thermal spray process in connection with a spray material and related equipment and auxiliary materials. It is applicable for all thermal spray processes (see EN 657) and all wire, rod, cord and powder spray materials
prEVS 53887
Tähtaeg: 2002-12-01
Identne ISO/DIS 14924:2002
ja identne prEN ISO 14924:2002
Thermal spraying - Post-treatment and finishing of thermally sprayed coatings
The successful service of a thermally sprayed component depends decisively on the right choice of procedure for post treatment and/or finishing after spraying. In order to work and/or to treat a thermally sprayed coating especially the property of the lamellae structure shall be taken into account. The structure is quite different from those of the same materials in the cast or wrought state and finishing techniques which may be suitable in these latters cases would be likely to damage thermally sprayed coatings

25.220.60
Orgaanilised pinded

Organic coatings

UUED STANDARDID

EVS-EN 10288:2002
Hind 199,00
Identne EN 10288:2002
Steel tubes and fittings for onshore and offshore pipelines - External two layer extruded polyethylene based coatings
This European Standard defines the application of factory applied external two layer extruded polyethylene based coatings for the corrosion protection of tubes and pipeline components. External extruded polyethylene coating can be used for the protection of buried or submerged tubes service at temperatures up to + 60 °C for type 1 and + 30 °C for type 2. The coatings in this standard can be applied to longitudinally or spirally welded and to seamless steel tubes and components used for the construction of pipelines for conveying liquids or gases. Tubes coated with this type of coating may be further protected by means of cathodic protection.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 31801
Tähtaeg: 2002-12-01
Identne EN 10289:2002
Steel tubes and fittings for onshore and offshore pipelines - External liquid applied epoxy and epoxy-modified coatings
This European Standard specifies the reqiurements of liquid applied external coating, epoxy (EP) and epoxymodified (EP-MOD), for the corrosion protection of steel tubes and pipeline fittings. The coating in this standard can be applied to longitudinally or spirally welded and to seamless steel tubes and fittings used for the construction of pipelines for conveying liquids or gases

25.220.99
Muud pinnatöötlus- ja pindamismeetodid

Other treatments and coatings

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53811
Tähtaeg: 2002-12-01
Identne prEN 10298:2002
Steel tubes and fittings for onshore and offshore pipelines - Internal lining with cement mortar
This European standard specifies requirements for cement mortar linings for protecting the internal surface of steel tubes and pipeline components. It also specifies requirements for their application. It is applicable to the linings of tubes which have been welded longitudinally or spirally, seamless tubes and non-alloy steel components used for fluid transportation. This standard does not cover in situ applied or rehabilitation linings

27.140
Hüdroenergeetika

Hydraulic energy engineering

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53939
Tähtaeg: 2002-11-01
Identne IEC 60193:1999
ja identne EN 60193:1999
Hydraulic turbines, storage pumps and pump-turbines - Model acceptance tests
This International Standard applies to laboratory models of any type of impulse or reaction hydraulic turbine, storage pump or pump-turbine.

27.160
Päikeseenergeetika

Solar energy engineering

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22888
Tähtaeg: 2002-11-01
Identne IEC 60904-3:1989
ja identne EN 60904-3:1993
Photovoltaic devices - Part 3: Measurement principles for terrestrial photovoltaic (PV) solar devices with reference spectral irradiance data
Applies to the following crystalline silicon photovoltaic devices for terrestrial applications: single solar cells with or without protective cover, sub-assemblies at solar cells, and flat modules.
prEVS 22890
Tähtaeg: 2002-11-01
Identne IEC 60904-2:1989+A1:1998
ja identne EN 60904-2:1993+A1:1998
Photovoltaic devices - Part 2: Requirements for reference solar cells
Applies to the following crystalline silicon photovoltaic devices for terrestrial applications: single solar cells with or without protective cover, sub-assemblies at solar cells, and flat modules.
prEVS 22891
Tähtaeg: 2002-11-01
Identne IEC 60904-1:1987
ja identne EN 60904-1:1993
Photovoltaic devices - Part 1: Measurement of photovoltaic current-voltage characteristics
Describes measurement procedures for current-voltage characteristics of crystalline silicon photovoltaic devices in natural or simulated sunlight. These procedures are applicable to a single solar cell, a sub-assembly of solar cells, or a flat module.
prEVS 26280
Tähtaeg: 2002-11-01
Identne IEC 61173:1992
ja identne EN 61173:1994
Overvoltage protection for photovoltaic (PV) power generating systems - Guide
This International Standard gives guidance on the protection of overvoltage issues for both stand-alone and grid-connected photovoltaic power generating systems. It is intended to identify sources of overvoltage hazards (including lightning) to define the types of protection such as grounding, shielding, stroke interception and protective devices.
prEVS 30285
Tähtaeg: 2002-11-01
Identne IEC 60904-7:1998
ja identne EN 60904-7:1998
Photovoltaic devices - Part 7: Computation of spectral mismatch error introduced in the testing of a photovoltaic device
This part of IEC 904 describes the procedure for determining the error introduced in the testing of a photovoltaic device caused by the interaction of the mismatch between the spectral responses of the test specimen and the reference device, and the mismatch between the test spectrum and the reference spectrum. The procedure applies only to linear photovoltaic devices.
prEVS 30286
Tähtaeg: 2002-11-01
Identne IEC 60904-8:1998
ja identne EN 60904-8:1998
Photovoltaic devices - Part 8: Measurement of spectral response of a photovoltaic (PV) device
This part of IEC 60904 gives guidance for the measurement of the relative spectral response of both linear and non-linear photovoltaic devices. This is only applicable to single-junction devices.
prEVS 30483
Tähtaeg: 2002-11-01
Identne IEC 60904-10:1998
ja identne EN 60904-10:1998
Photovoltaic devices - Part 10: Methods of linearity measurement
This standard describes procedures for determining the degree of linearity of any photovoltaic device parameter with respect to a test parameter. It is primarily intended for use by calibration laboratories, module manufacturers and system designers. It applies to all PV devices and is intended to be carried out on a sample or on a comparable device of indentical technology. It is to be performed prior to all measurement and correction procedures that require a linear device.

29.020
Elektrotehnika üldküsimused

Electrical engineering in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 21279
Tähtaeg: 2002-11-01

Identne IEC 61082-2:1993
ja identne EN 61082-2:1994
Preparation of documents used in electrotechnology - Part 2: Function-oriented diagrams
This standard provides rules for function oriented-diagrams such as overview diagrams, function diagrams and circuit diagrams.
prEVS 21280
Tähtaeg: 2002-11-01
Identne IEC 61082-3:1993
ja identne EN 61082-3:1994
Preparation of documents used in electrotechnology - Part 3: Connection diagrams, tables and lists
This standard provides rules for connection diagrams, tables and lists.
prEVS 22569
Tähtaeg: 2002-11-01
Identne IEC 61082-4:1996
ja identne EN 61082-4:1996
Preparation of documents used in electrotechnology - Part 4: Location and installation documents
This part of IEC 1082 provides rules for location and installation documents mainly used for installation work. It covers different systems and objects such as arrangement or installation drawings for site, buildings and equipment, installation drawings or diagrams for site or buildings, and drawings for location on or in components.
prEVS 25497
Tähtaeg: 2002-11-01
Identne IEC 60073:1996
ja identne EN 60073:1996
Basic and safety principles for man-machines interface, marking and identification - Coning principles for indication devices and actuators
This International Standard establishes general rules for assigning particular meanings to certain visual, acoustic and tactile indications in order to - increase the safety of persons, property and/or the environment through the safe monitoring and control of the equipment or process; - faciliate the proper monitoring, control and maintenance of the equipment or process; - facilitate the rapid recognition of control conditions and actuator positions.
prEVS 34050
Tähtaeg: 2002-11-01
Identne IEC 60695-9-1:1998
ja identne EN 60695-9-1:1999
Fire hazard testing - Part 9-1: Surface spread of flame - General Guidance
This part of IEC 60695 provides guidance in the assessment of surface spread of flame for the electrotechnical products and materials from which they are formed.
prEVS 36046
Tähtaeg: 2002-11-01
Identne IEC 60695-5-1:1993
ja identne EN 60695-5-1:1993
Fire hazard testing - Part 5: Assessment of potential corrosion damage by fire effluent - Section 1: General guidance
This section of IEC 60695-5 is intended to give guidance on the assessment of corrosion damage: a) to electrotechnical equipment and systems from fire effluent; b) to building structures from fire effluent emitted by electrotechnical equipment and systems.
prEVS 53714
Tähtaeg: 2002-11-01
Identne IEC 61180-2:1994
ja identne EN 61180-2:1994
High-voltage test techniques for low-voltage equipment - Part 2: Test equipment
Applicable to the test equipment used for dielectric tests on low-voltage equipment. It covers tests with direct, alternating or impulse voltage, impulse current, and tests with a combination of impulse current.
prEVS 53974
Tähtaeg: 2002-12-01
Identne IEC 60027-3:1989+A1:2000
ja identne HD 245.3 S3:2001
Letter symbols to be used in electrical technology - Part 3: Logarithmic quantities and units
Applies to logarithmic quantities and units. Quantities that can be expressed as the logarithm of a dimensionless quantity, such as the ratio of two physical quantities of the same kind, can be regarded and treated in different ways. In many cases, differences do not affect practical treatment.

29.035.01 Isolatsioonimaterjalid üldiselt

Insulating materials in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22136
Tähtaeg: 2002-11-01
Identne IEC 60626-3:1996+A1:1999
ja identne EN 60626-3:1996+A1:1999
Combined flexible materials for electrical insulation - Part 3: Specifications for individual materials
This part of IEC 626 specifies dimensional and performance requirements for individual combined flexible materials. This part is in the form of groups of sheets. Sheets are numbered in accordance with TABLE 1 entitled "Master Listing for IEC-626 Part 3 Sheet Identification"
prEVS 28271
Tähtaeg: 2002-11-01
Identne IEC 60684-3-151:1998
ja identne EN 60684-3-151:1998
Flexible insulating sleeving - Part 3: Specification for individual types of sleeving - Sheet 151: Extruded PVC/nitrile rubber - General purposes
This sheet of IEC 60684-3 gives the requirements for non-heat-shrinkable sleeving, extruded from compounds based on a blend of polyvinyl chloride and acrylonitrile elastomers. Sleeving of this type is normally available with internal diameter up to 25 mm, and in the following opaque colours: Black, brown, red, orange, yellow, green, blue, violet, grey, white, pink and green/yellow.
prEVS 28272
Tähtaeg: 2002-11-01
Identne IEC 60684-3-212:1998
ja identne EN 60684-3-212:1998
Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 212: Heat-shrinkable polyolefin sleeving, flame retarded, shrink ratio 2:1

This sheet of IEC 60684-3 gives the requirements for one type of heat-shrinkable, flame retarded polyolefin sleeving with a temperature index of 135 °C and a nominal shrink ratio of 2:1. This sleeving is normally supplied with internal diameter up to 102 mm and in the following colours: black,brown, red, yellow, green blue, orange, violet, grey, white and green/yellow. Sizes or colours other than those specifically listed in this standard may by available as custom items. These items shall be considered to comply with this standard if they comply with the property requirements listed in tables 1, 2, 3, 4 and 5.
prEVS 28274
Tähtaeg: 2002-11-01
Identne IEC 60684-3-213:1998
ja identne EN 60684-3-213:1999
Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 213: Heat-shrinkable, polyolefin sleeving, not flame retarded, shrink ratio 2:1

This sheet of IEC 60684-3 gives the requirements for one type of heat-shrinkable polyolefin sleeving with a thermal index of 135 and a nominal shrink ratio of 2:1. The sleeving is not flame retarded. This sleeving is normally supplied with internal diameter up to 102 mm and is transparent. Sizes other than those specifially listed in this standard may be available as custom items. These items shall be considered to comply with this standard if they comply with the property requirements listed in tables 1, 2, 3, 4 and 5.
prEVS 28275
Tähtaeg: 2002-11-01
Identne IEC 60684-3-217:1998
ja identne EN 60684-3-217:1998
Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 217: Heat-shrinkable, polyolefin sleeving, flame retarded, shrink ratio 3:1

This sheet of IEC 60684-3 gives the requirements for one type of heat-shrinkable, flame retarded polyolefin sleeving with a temperature index of 135 and a nominal shrink ratio of 3:1. This sleeving is normally supplied with internal diameters up to 39 mm and in the following colours: black, brown, red, yellow, green, blue, orange, violet, grey and white. Sizes or colours other than those specifically listed in this standard may by available as custom items. These items shall be considered to comply with this standard if they comply with the property requirements listed in tables 1, 2, 3, 4 and 5.
prEVS 28277
Tähtaeg: 2002-11-01
Identne IEC 60684-3-218:1998
ja identne EN 60684-3-218:1998
Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 218: Heat-shrinkable, polyolefin sleeving, not flame retarded, shrink ratio 3:1

This sheet of IEC 60684-3 gives the requirements for one type of heat-shrinkable, polyolefin sleeving with a temperature index of 135 and a nominal shrink ratio of 3:1. The sleeving is not flame retarded. This sleeving is normally supplied with internal diameter up to 39 mm and is transparent. Sizes or colours other than those specifically listed in this standard may by available as custom items. These items shall be considered to comply with this standard if they comply with the property requirements listed in tables 1, 2, 3, 4 and 5.
prEVS 28278
Tähtaeg: 2002-11-01
Identne IEC 60684-3-228:1998
ja identne EN 60684-3-228:1998
Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 228: Heat-shrinkable semi-rigid, polyvinylidene fluoride sleeving, flame retarded, fluid resistant, shrink ratio 2:1

This sheet of IEC 60684-3 gives the requirements for one type of heat-shrinkable, flame retarded fluid resistant polyvinylidene fluoride sleeving with a temperature index of 175 and a nominal shrink ratio of 2:1. This sleeving is normally supplied with internal diameter up to 25,4 mm and the standard colour is transparent. Sizes or colours other than those specifically listed in this standard may by available as custom items. These items shall be considered to comply with this standard if they comply with the property requirements listed in tables 1, 2, 3, 4 and 5.
prEVS 28279
Tähtaeg: 2002-11-01
Identne IEC 60684-3-233:1998
ja identne EN 60684-3-233:1998
Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 233: Heat-shrinkable, fluoroelastomer sleeving, flame retarded, fluid resistant, shrink ratio 2:1

This sheet of IEC 60684-3 gives the requirements for one type of heat-shrinkable, flame retarded fluid resistant, fluoroelastomer sleeving with a temperature index of 200 and a nominal shrink ratio of 2:1. This sleeving is normally supplied with internal diameter up to 51 mm and the standard colour is black. Sizes or colours other than those specifically listed in this standard may by available as custom items. These items shall be considered to comply with this standard if they comply with the propterty requirements listed in tables 1, 2, 3, 4 and 5.
prEVS 28281
Tähtaeg: 2002-11-01
Identne IEC 60684-3-271:1998
ja identne EN 60684-3-271:1998
Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 271: Heat-shrinkable elastomer sleeving, flame retarded, fluid resistant, shrink ratio 2:1

This sheet of IEC 60684-3 gives the requirements for one type of heat-shrinkable, flame retarded, fluid resistant, elastomer sleeving with a temperature index of 120 and a nominal shrink ratio of 2:1. This sleeving is normally supplied with internal diameter up to 102 mm and the standard colour is black. Sizes or colours other than those specifically listed in this standard may be available as custom items. These items shall be considered to comply with this standard if they comply with the property requirements listed in tables 1, 2, 3, 4 and 5.
prEVS 28287
Tähtaeg: 2002-11-01
Identne IEC 60684-3-272:1998
ja identne EN 60684-3-272:1998
Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 272: Heat-shrinkable elastomer sleeving, flame retarded, fluid resistant, shrink ratio 2:1, thin wall
This sheet of IEC 60684-3 gives the requirements for one type of heat-shrinkable, flame retarded, fluid resistant, elastomer sleeving with a temperature index of 120 and a nominal shrink ratio of 2:1. This sleeving is normally supplied with internal diameter up to 102 mm and the standard colour is black. Sizes or colours other than those specifically listed in this standard may be available as custom items. These items shall be considered to comply with this standard if they comply with the property requirements listed in tables 1, 2, 3, 4 and 5.
prEVS 32201
Tähtaeg: 2002-11-01
Identne IEC 60684-2:1997
ja identne EN 60684-2:1997
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.
prEVS 38369
Tähtaeg: 2002-11-01
Identne IEC 60243-3:2001
ja identne EN 60243-3:2001
Electrical strength of insulating materials - Test methods - Part 3: Additional requirements for 1, 2/50 µs impulse tests
This international standard gives requirements additional to those in IEC 60243-1 for the determination of the electric strength of solid insulating materials under 1,2/50 micro seconds impulse voltage stress.

29.035.10
Paberist ja kartongist isolatsioonimaterjalid

Paper and board insulating materials

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53960
Tähtaeg: 2002-11-01
Identne IEC 60641-3-1:1992
ja identne EN 60641-3-1:1994
Specification for pressboard and presspaper for electrical purposes - Part 3: Specifications for individual materials - Sheet 1: Requirements for pressboard, types B.0.1, B.2.1, B.2.3, B.3.1, B.3.3, B.4.1, B.4.3, B.5.1, B.6.1 and B.7.1
Gives the requirements for pressboard for electrical purposes comprised of 100 % sulphate wood pulp or a mixture of sulphate wood pulp and cotton.
prEVS 53961
Tähtaeg: 2002-11-01
Identne IEC 60641-3-2:1992
ja identne EN 60641-3-2:1994
Specification for pressboard and presspaper for electrical purposes - Part 3: Specifications for individual materials - Sheet 2: Requirements for presspaper, types P.2.1, P.4.1, P.4.2, P.4.3, P.6.1 and P.7.1
Gives the requirements for presspaper for electrical purposes comprised of 100 % sulphate wood pulp or 100 % cotton or a mixture of sulphate wood pulp and cotton.

29.035.20
Plastikust ja kummist isolatsioonimaterjalid

Plastics and rubber insulating materials

KAVANDITE ARVAMUSKÜSITLUS

prEVS 25679
Tähtaeg: 2002-11-01
Identne IEC 60684-3-409:1999
ja identne EN 60684-3-409:1999
Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheets 409: Glass textile sleeving with polyurethane (PUR)-based coating
This standard gives requirements for E type glass sleeving in a braided construction with a continuous polyurethane(PUR)-based coating.The sleeving is normally available in bore sizes between 0,5 mm and 30 mm.
prEVS 26067
Tähtaeg: 2002-11-01
Identne IEC 60684-3-246:2001
ja identne EN 60684-3-246:2002
Specification for flexible insulating sleeving - Part 3: Specification requirements for individual types of sleeving - Sheet 246: Heat-shrinkable polyolefin sleeving, dual-wall, not flame-retarded
The outer layer is a semi-rigid crosslinked polyolefin material as described in IEC 684-3-211, type 2. The inner layer is a substantially non-crosslinked polyolefin that flows and fuses during the shrinkage process to provide a seal. Sleeving of this type is normally available in bore sizes up to 25 mm.
prEVS 28255
Tähtaeg: 2002-11-01
Identne IEC 60684-3-136:1997
ja identne EN 60684-3-136:1998
Flexible insulating sleeving - Part 3: Specification for individual types of sleeving - Sheet 136: Extruded fluorosilicone sleeving - General purpose
This sheet of IEC 60684-3 gives the requirements for non-heat-shrinkable sleeving, extruded from compounds based on fluorosilicone rubber. Sleeving of this type is normally available with internal diameters up to 25 mm, and in a range of different wall

thicknesses between 0.1 mm and 2.0 mm. National standards may select a restricted list of preferred combinations of internal diameter and wall thickness. These sleevings are normally available in the following opaque colours: black, brown, red, orange, yellow, green, blue, violet, grey, white, pink and green/yellow. They are also availabe in colourless translucent/transparent form.
prEVS 30964
Tähtaeg: 2002-11-01
Identne IEC 60674-1:1980
ja identne EN 60674-1:1998
Specification for plastic films for electrical purposes - Part 1: Definitions and general requirements
This standard is applicable to plastic films used for electrical purposes. This Part 1 gives definitions for, and specifies general requirements to be fulfilled by, plastic films used for electrical purposes.
prEVS 36846
Tähtaeg: 2002-12-01
Identne IEC 60684-3-145/147: 2001
ja identne EN 60684-3-145/147: 2001
Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 145 to 147: Extruded PTFE sleeving
This sheet of IEC 60684-3 gives the requirements for three type of non-heat shrinkable sleeving, extruded from PTFE. Sleeving of this type is normally available with internal diameters up to 8,53 mm and in the range of wall thicknesses between 0,15 and 0,51 mm.
prEVS 53774
Tähtaeg: 2002-11-01
Identne IEC 60684-3-211:1992
ja identne EN 60684-3-211:1994
Specification for flexible insulating sleeving - Part 3: Specification requirements for individual types of sleeving - Sheet 211: Heat-shrinkable sleeving, general purpose, semi-rigid polyolefin, shrink ratio 2:1
Gives the requirements for semi-rigid, heat-shrinkable polyolefin sleeving with a nominal shrink ratio of 2:1 that has been found suitable for temperatures up to 135 °C. Type 1: General purpose, flame-retarded, opaque colours. Type 2: General purpose, n
prEVS 53793
Tähtaeg: 2002-11-01
Identne IEC 60684-3-100 to 105:2001
ja identne EN 60684-3-100 to 105:2001
Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving; Sheets 100 to 105: Extruded PVC sleeving
Gives the requirements for three types of non-heatshrinkable sleeving, extruded from PVC. Sleeving of this type is normally available with an internal diameter up to 50 mm and in a range of wall thicknesses between 0,2 mm and 1,8 mm. Each sheet covers up to three levels of wall thickness, "thin wall", "standard wall" and "thick wall" related to nominal internal diameter and with corresponding differences in requirements for breakdown voltage. Sheets 100 and 103 cover sleeving having a temperature range of -10 °C to 90 °C. Sheets 101 and 104 cover sleeving having a temperature range of -10 °C to 105 °C. Sheets 102 and 105 cover sleeving having a temperature range of -40 °C to 70 °C.
prEVS 53794
Tähtaeg: 2002-11-01
Identne IEC 60684-3-121 to 124:2001
ja identne EN 60684-3-121 to 124:2001
Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving; Sheets 121 to 124: Extruded silicone sleeving
Gives the requirements for four types of non-heatshrinkable sleeving, extruded from silicone elastomer. These sleevings are normally available with internal diameter up to 25 mm and in a range of wall thicknesses between 0,1 mm and 2,0 mm. National standards may select a restricted list of preferred combinations of internal diameter and wall thickness.

29.035.30
Klaasist ja keraamilised isolatsioonimaterjalid

Glass and ceramic insulating materials

KAVANDITE ARVAMUSKÜSITLUS

prEVS 33603
Tähtaeg: 2002-11-01
Identne IEC 60672-3:1997
ja identne EN 60672-3:1997
Ceramic and glass-insulating materials - Part 3: Specifications for individual materials
The part of IEC 60672 is applicable to ceramic, glass-ceramic, glass-mica and glass materials for electrical insulation purposes. It provides, for guidance, a classification of materials for general electrical insulating purposes, and indicates, typical numerical values for the characteristics relevant to each subgroup or type of material as determined by the test methods defined in IEC 60672-2.
prEVS 53959
Tähtaeg: 2002-11-01
Identne IEC 60672-2:1999
ja identne EN 60672-2:2000
Ceramic and glass insulating materials - Part 2: Methods of test
Applicable to ceramic, glass and glass-ceramic materials to be used for electrical insulation purposes. Specifies methods of test. Intended to provide test results typical of the material from which the test pieces are processed. Since, in the majority of cases, ceramic components for insulating purposes are of rather different size and shape to test pieces, the results of such tests provide only a guide to the actual properties of components. The limitations imposed by the method of forming and processing are discussed where relevant.

29.040.10
Isoleerivad õlid

Insulating oils

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22472
Tähtaeg: 2002-11-01
Identne IEC 61181:1993
ja identne EN 61181:1993

Impregnated insulating materials - Application of dissolved gas analysis (DGA) to factory tests on electrical equipment
This European Standard specifies analysis requirements and procedures, and recommends sensitivity and precision criteria for factory testing of power transformers, reactors and instrument transformers.
prEVS 22476
Tähtaeg: 2002-11-01
Identne IEC 61179:1993
ja identne EN 61179:1993
Helical-scan digital composite video cassette recording system using 19 mm magnetic tape, format D2 (NTSC, PAL, PAL-M)
This European Standard specifies the content, format and recording method of the data blocks forming the helical records of the tape containing video, audio and associated data using the 19 mm type D-2 cassette.
prEVS 22498
Tähtaeg: 2002-11-01
Identne IEC 61144:1992
ja identne EN 61144:1993
Test method for the determination of oxygen index of insulating liquids
This standard describes a method for measuring the oxygen index of insulating liquids. This test method is applicable to all liquids, the viscosity of which is lower than or equal to 50 mm2/S at 40 C +/- 1 C.
prEVS 22525
Tähtaeg: 2002-11-01
Identne IEC 61125:1992 + Cor.:1992
ja identne EN 61125:1993
Unused hydrocarbon-based insulating liquids - Test methods for evaluating the oxidation stability
This European Standard describes three test methods using the same apparatus for evaluating the oxidation stability of mineral insulating oils and of hydrocarbon-based insulating liquids.
prEVS 22586
Tähtaeg: 2002-11-01
Identne IEC 61100:1992
ja identne EN 61100:1992
Classification of insulating liquids according to fire point and net calorific value
The standard defines a system for classifying insulating liquids according to firepoint and net calorific value. The characteristics on which the system is based are given together with limiting values.
prEVS 22588
Tähtaeg: 2002-11-01
Identne IEC 61099:1992
ja identne EN 61099:1992
Specification for unused synthetic organic esters for electrical purposes
Specifies characteristics of synthetic organic esters intended for use as insulating liquids in transformers and other electrical equipment.
prEVS 38460
Tähtaeg: 2002-11-01
Identne IEC 61198:1993
ja identne EN 61198:1994
Mineral insulating oils - Methods for the determination of 2-furfural and related compounds
This International Standard specifies test methods for the analysis of 2-furfural and related furan compounds resulting from the degradation of cellulosic insulation and found in mineral insulating oil samples taken from electrical equipment.

29.040.20
Isoleerivad gaasid

Insulating gases

KAVANDITE ARVAMUSKÜSITLUS

prEVS 26854
Tähtaeg: 2002-11-01
Identne HD 621 S1:1996
Medium voltage impregnated paper insulated distribution cables
HD 621 applies to impregnated paper insulated cables for rated voltages U0/U(Um) from 3.6/6(7.2)kV up to 20.8/36(42)kV used in power distribution systems. Part 1 specifies the general requirements applicable to these cables, unless otherwise specified in the particular sections of this HD. Test methods are given in HD 605 EN 60811, HD 383 and HD 405 and in IEC 55-1and IEC 229. Part 2 covers all those test methods which are specified to paper insulated cables, and not included in HD 605. The particular types of cables are specified in Parts 3 and 4.
prEVS 27064
Tähtaeg: 2002-11-01
Identne IEC 60674-3-4 to 6:1993
ja identne EN 60674-3-4 to 6:1995
Specification for plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheets 4 to 6: Requirements for polyimide films used for electrical insulation
Gives the requirements for the following polyimide films with or without heat sealable fluoroethylene-propylene (FEP) coatings; based on poly (N, N'-p,p'-oxydiphenylene pyromellitimide) (sheet 4); based on poly (N, N'-p-phenylene biphenyl tetra carboxylimide) (sheet 5); based on poly (N, N'-p,p'-oxydiphenylene biphenyl-tetracarboxylimide) (sheet 6).
prEVS 27079
Tähtaeg: 2002-11-01
Identne IEC 61086-3-1:1995
ja identne EN 61086-3-1:1995
Coatings for loaded printed wire boards (conformal coatings) - Part 3: Specifications for individual materials - Sheet 1: Coatings for general purpose (class 1) and for high reliability (class 2)
This sheet of IEC 1086-3 gives the methods of test for electrical insulating materials suitable for application as coatings for loaded printed wire boards (conformal coatings).
prEVS 38459
Tähtaeg: 2002-11-01
Identne IEC 61203:1992
ja identne EN 61203:1994
Synthetic organic esters for electrical purposes - Guide for maintenance of transformer esters in equipment
This International Standard is a guide to the maintenance of synthetic organic esters, originally complying with the requirements of IEC 1099, in transformers with rated voltages up to 35 kV. It is intended to assist the equipment operator in assessing the quality of the liquid during use in the equipment and maintaining it in a serviceable condition.
prEVS 53748
Tähtaeg: 2002-11-01
Identne IEC 61086-1:1992
ja identne EN 61086-1:1994

Specification for coatings for loaded printed wire boards (conformal coatings) - Part 1: Definitions, classification and general requirements
Gives the definition, classification and general requirements for electrical insulating materials suitable for application as coatings for loaded printed wire boards (conformal coatings).
prEVS 53750
Tähtaeg: 2002-11-01
Identne IEC 61086-2:1992
ja identne EN 61086-2:1994
Specification for coatings for loaded printed wire boards (conformal coatings) - Part 2: Methods of test
Gives the methods of test for electrical insulating materials suitable for application as coatings for loaded printed wire boards (conformal coatings). The tests are: visual assessment, properties after thermal cycling, resistance to organic liquids, coating removal, dissipation factor and permittivity, insulation resistance after damp heat, mould growth, shelf life, flammability, tackiness, loss of volatile matter, thermal ageing, insulation resistance after salt mist, extreme altitude and temperature test, electric strength.
prEVS 53990
Tähtaeg: 2002-12-01
Identne IEC 60664-1:1992
ja identne HD 625.1 S1:1996
Insulation coordination for equipment within low-voltage systems - Part 1: Principles, requirements and tests
Specifies the requirements for clearances, creepage distances and solid insulation for equipment based upon their performance criteria. Applies to equipment for use up to 2 000 m above sea level having a rated voltage up to 1 000 V a.c. with rated frequencies up to 30 kHz or a rated voltage up to 1 500 V d.c. Supersedes IEC 664 and IEC 664A. Has the status of a basic safety publication in accordance with IEC Guide 104.
prEVS 53998
Tähtaeg: 2002-12-01
Identne HD 631.1 S1:1998
Material characterisation - Part 1: Compounds for use in cable accessories: Resinous compounds before cure and in the cured state
This HD details a minimum number of simple tests, identifying the properties' profile of reacting resinous compounds used for casting or encapsulation in accessories for low and medium voltage cables up to 20,8/36(42) kV as specified in HD 623, hd 629.1 and 629.2.

29.045
Pooljuhtmaterjalid

Semiconducting materials

KAVANDITE ARVAMUSKÜSITLUS
prEVS 53931
Tähtaeg: 2002-11-01
Identne IEC 60146-1-3:1991
ja identne EN 60146-1-3:1993
Semiconductor convertors; general requirements and line commutated convertors; Part 1-3: transformers and reactors
Specifies characteristics wherein convertor transformers differ from ordinary power transformers. In all other respects, the rules specified in IEC 60076 shall apply.

29.050
Juhid

Conducting materials

KAVANDITE ARVAMUSKÜSITLUS
prEVS 53965
Tähtaeg: 2002-11-01
Identne IEC 60228:1978+A1:1993
ja identne HD 383 S2:1986+A1:1989+A2:1993
Conductors of insulated cables; guide to the dimensional limits of circular conductors
Specifies standardized nominal cross-section areas from 0.5 mm2 to 2 000 mm2, numbers and diameters of wires and resistance values of conductors in electric cables and flexible cords. Classifies conductors for: 1.Cables for fixed installations -Class 1, solid conductors; -Class 2, stranded conductors. 2.Flexible copper conductors -Class 5, -Class 6 (more flexible than Class 5). Includes table of temperature correction factors kt for conductor resistance to correct the measured resistance at t °C to 20°C. Does not apply to conductors for telecommunication purposes. Applies to conductors of special design only when stated in the specification for the type of cable. Conductors of special design are, for example. conductors for pressure cables, conductors in extra-flexible welding cables or in special types of flexible cables for having the cores twisted together with unusually short lays. This publication supersedes IEC 60180 (1965). Note: -In this edition, the number of classes of conductors has been reduced from 6 to 4.

29.060.10
Elektrijuhid

Wires

KAVANDITE ARVAMUSKÜSITLUS
prEVS 25695
Tähtaeg: 2002-11-01
Identne IEC 60317-0-5:1992+ A1:1997+A2:1999
ja identne EN 60317-0-5:1994+ A1:1998+A2:2000
Specifications for particular types of winding wires - Part 0: General requirements - Section 5: Glass-fibre braided, bare or enamelled rectangular copper wire
Deals with insulated wires used for windings of electrical equipment. This recommendation is composed by basic dimensions, methods of test, specifica- tions for particular types of wires and packaging. It recommends require-ments for a well-defined range of wires. Specifies the general requirements of glass-fibre braided bare and of glass-fibre braided enamelled rectangular copper winding wires.
prEVS 25696
Tähtaeg: 2002-11-01
Identne IEC 60317-1:1990+A1:1997+A2:1997
ja identne EN 60317-1:1994+A1:1997+A2:1998
Specifications for particular types of winding wires - Part 1: Polyvinyl acetal enamelled round copper wire, class 105
Deals with insulated wires used for windings of electrical equipment. This recommendation is composed by basic dimensions, methods of test, specifications for particular types of wires and packaging. It recommends requirements for a well-defined range of wires. Part 1: Polyvinyl acetal enamelled round copper wire, class 105.
prEVS 25861
Tähtaeg: 2002-11-01

Identne IEC 60317-4:1990+A1:1997+A2:1999
ja identne EN 60317-4:1994+A1:1998+A2:2000
Specifications for particular types of winding wires - Part 4: Solderable polyurethane enamelled round copper wire, class 130
This International Standard specifies the requirements of solderable ena- melled round copper winding wire of class 130 with a sole coating based on polyurethane resin, which may be modified provided it remains the chemical identity of the original resin and meets all specified wire requirements. Class 130 is a thermal class that requires a minimum temperature index of 130 and a heat shock temperature of at least 155 °C. The range of nominal conductor diameters covered by this standard is: - Grade 1: 0,018 mm up to and including 2,000 mm, - Grade 2: 0,020 mm up to and including 2,000 mm.
prEVS 25873
Tähtaeg: 2002-11-01
Identne IEC 60317-7:1990+A1:1997+A2:1997
ja identne EN 60317-7:1994+A1:1997+A2:1998
Specifications for particular types of winding wires - Part 7: Polyimide enamelled round copper wire, class 220
This International Standard specifies the requirements of enamelled round copper winding wire of class 220 with a sole coating based on polyimide resin. Class 220 is a thermal class that requires a minimum temperature index of 220 and a heat shock temperature of at least 240 °C. The range of nominal conductor diameters covered by this standard is: - Grade 1: 0,020 mm up to and including 2,000 mm, - Grade 2: 0,020 mm up to and including 5,000 mm.
prEVS 25875
Tähtaeg: 2002-11-01
Identne IEC 60317-8:1990+A1:1997+A2:1997
ja identne EN 60317-8:1994+A1:1997+A2:1998
Specifications for particular types of winding wires - Part 8: Polyesterimide enamelled round copper wire, class 180
This International Standard specifies the requirements of enamelled round copper winding wire of class 180 with a sole coating based on poly- esterimide resin, which may be modified provided it remains the chemical identity of the original resin and meets all specified wire requirements. Class 180 is a thermal class that requires a minimum temperature index of 180 and a heat shock temperature of at least 200 °C. The range of nominal conductor diameters covered by this standard is Grade 1: 0,018 mm up to and incl. 3.150 mm, Gr.2: 0,020 mm to 5,000 mm, Gr.3: 0,250 mm to 1,600 mm.
prEVS 25877
Tähtaeg: 2002-11-01
Identne IEC 60317-11:1999
ja identne EN 60317-11:2000
Specifications for particular types of winding wires - Part 11: Bunched solderable polyurethane enamelled round copper wires, class 130, with silk covering
This International Standard specifies the requirements of bunched solder-able enamelled round copper winding wires, class 130, with silk covering. This covering consists of one or two layers of silk. The single wire is a solderable polyurethane enamelled round copper winding wire, class 130 (IEC 317-4).
prEVS 25878
Tähtaeg: 2002-11-01
Identne IEC 60317-12:1990+A1:1997
ja identne EN 60317-12:1994+A1:1998
Specifications for particular types of winding wires - Part 12: Polyvinyl acetal enamelled round copper wire, class 120
This International Standard specifies the requirements of enamelled round copper winding wire of class 120 with a sole coating based on polyvinyl acetal resin, which may be modified provided it remains the chemical identity of the original resin and meets all specified wire requirements. Class 120 is a thermal class that requires a minimum temperature index of 120 and a heat shock temperature of at least 155 °C. The range of nominal conductor diameters covered by this standard is: - Grade 1: 0,040 mm up to and incl. 2,500 mm, - Gr.2: 0,040 mm to 5,000 mm, Gr.3:0,040 mm to 5,000 mm
prEVS 25882
Tähtaeg: 2002-11-01
Identne IEC 60317-13:1990+A1:1997+A2:1997
ja identne EN 60317-13:1994+A1:1997+A2:1998
Specifications for particular types of winding wires - Part 13: Polyester or polyesterimide overcoated with polyamide-imide, enamelled round copper wire, class 200
This International Standard specifies the requirements of enamelled round copper winding wire of class 200 with a dual coating. The coating may be modified provided it remains the chemical identity of the original resin and meets all specified wire requirements. Class 200 is a thermal class that requires a minimum temperature index of 200 and a heat shock temperature of at least 220 °C. The range of nominal conductor diameters covered by this standard is: - Grade 1: 0,050 mm up to and including 2,000 mm, - Grade 2: 0,050 mm up to and including 5,000 mm.
prEVS 25883
Tähtaeg: 2002-11-01
Identne IEC 60317-14:1990+A1:1997
ja identne EN 60317-14:1994+A1:1998
Specifications for particular types of winding wires - Part 14: Polyvinyl acetal enamelled round aluminium wire, class 105
This International Standard specifies the requirements of enamelled round aluminium winding wire of class 105 with a sole coating based on polyvinyl acetal resin, which may be modified provided it remains the chemical identity of the original resin and meets all specified wire requirements. Class 105 is a thermal class that requires a minimum temperature index of 105 and a heat shock temperature of at least 155 °C. The range of nominal conductor diameters covered by this standard is: - Grade 1: 0,040 mm up to and including 1,600 mm, - Grade 2: 0,040 mm up to and including 5,000 mm.
prEVS 27366
Tähtaeg: 2002-11-01

Identne IEC 60317-35:1992+A1:1997+A2:1999
ja identne EN 60317-35:1994+A1:1998+A2:2000
Specifications for particular types of winding wires - Part 35: Solderable polyurethane enamelled round copper wire, class 155, with a bonding layer
This part of IEC 317 specifies the requirements of solderable enamelled round copper winding wire of class 155 with a dual coating. The underlying coating is based on polyurethane resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements. The superimposed coating is a bonding layer based on a thermoplasitc resin. Class 155 is a thermal class that requires a minimum temperature index of 155 and a heat shock temperature of at least 175 °C.
prEVS 27369
Tähtaeg: 2002-11-01
Identne IEC 60317-36:1992+A1:1997+A2:1999
ja identne EN 60317-36:1994+A1:1998+A2:2000
Specifications for particular types of winding wires - Part 36: Solderable polyesterimide enamelled round copper wire, class 180, with a bonding layer
This part of IEC 317 specifies the requirements of solderable enamelled round copper winding wire of class 180 with a dual coating. The underlying coating is based on polyesterimide resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements. The superimposed coating is a bonding layer based on thermoplastic resin. Class 180 is a thermal class that requires a minimum temperature index of 180 and a heat shock temperature of at least 200 °C.
prEVS 27371
Tähtaeg: 2002-11-01
Identne IEC 60317-37:1992+A1:1997+A2:1999
ja identne EN 60317-37:1994+A1:1998+A2:2000
Specifications for particular types of winding wires - Part 37: Polyesterimide enamelled round copper wire, class 180, with a bonding layer
This part of IEC 317 specifies the requirements of enamelled round copper winding wire of class 180 with a dual coating. The underlying coating is based on polyesterimide resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements. The superimposed coating is a bonding layer based on a thermoplastic resin. Class 180 is a thermal class that requires a minimum temperature index of 180 and a heat shock temperature of at least 200 °C.
prEVS 27385
Tähtaeg: 2002-11-01
Identne IEC 60317-38:1992+A1:1997+A2:1999
ja identne EN 60317-38:1994+A1:1998+A2:2000
Specifications for particular types of winding wire - Part 38: Polyester or polyesterimide overcoated with polyamide-imide enamelled round copper wire, class 200, with a bonding layer
This part of IEC 317 specifies the requirements of enamelled round copper winding wire of class 200 with a triple coating. The underlying coating is based on polyester or polyester-imide resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements. The secondary coating is based on polyamide-imide resin. The third coating is a bonding layer based on a thermoplastic or thermosetting resin.
prEVS 27387
Tähtaeg: 2002-11-01
Identne IEC 60317-39:1992+A1:1997
ja identne EN 60317-39:1994+A1:1998
Specifications for particular types of winding wires - Part 39: Glass-fibre braided, polyester or polyesterimide varnish-treated, bare or enamelled rectangular copper wire, temperature index 180
This part of IEC 317 specifies the requirements of glass-fibre braided, polyester or polyesterimide varnish-treated, bare or enamelled rectangular copper winding wire, temperature index 180. The temperature index of the glass-fibre braided varnish-treated wire is dependent upon the type of varnish used. The varnish applied to the glass-fibre is based upon polyester or polyesterimide resin and shall have a minimum temperature index of 180. The method of test is to be agreed between purchaser and supplier.
prEVS 27388
Tähtaeg: 2002-11-01
Identne IEC 60317-40:1992+A1:1997
ja identne EN 60317-40:1994+A1:1998
Specifications for particular types of winding wires - Part 40: Glass-fibre braided, silicone varnish-treated, bare or enamelled rectangular copper wire, temperature index 200
This part of IEC 317 specifies the requirements of glass-fibre braided, silicone varnish treated, bare or enamelled rectangular copper winding wire, temperature index 200. The temperature index of the glass-fibre wound varnish-treated wire is dependent upon the type of varnish used. The varnish applied to the glass-fibre is based upon silicone resin and shall have a minimum temperature index of 200. The method of test is to be agreed between purchaser and supplier.
prEVS 27639
Tähtaeg: 2002-11-01
Identne IEC 60317-25:1990+A1:1997+A2:1997
ja identne EN 60317-25:1996+A1:1997+A2:1998
Specifications for particular types of winding wires - Part 25: Polyester or polyesterimide overcoated with polyamide-imide enamelled round aluminium wire, class 200
This International Standard specifies the requirements of enamelled round aluminium winding wire of class 200 with a dual coating. The underlying coating is based on polyester or polyesterimide resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements. The superimposed coating is based on polyamide-imide resin. Class 200 is a thermal class that requires a minimum temperature index of 200 and a heat shock temperature of at least 220 °C.
prEVS 27640
Tähtaeg: 2002-11-01

Identne IEC 60317-26:1990+A1:1997
ja identne EN 60317-26:1996+A1:1998
Specifications for particular types of winding wires Part 26: Polyamide-imide enamelled round copper wire, class 200
This International Standard specifies the requirements of enamelled round copper winding wire of class 200 with a sole coating based on polyamide-imide resin. The temperature in degrees Celsius corresponding to the temperature index is not necessarily that at which it is recommended that the wire be operated and this will depend on many factors, including the type of equipment involved.
prEVS 27644
Tähtaeg: 2002-11-01
Identne IEC 60317-29:1990+A1:1997
ja identne EN 60317-29:1996+A1:1998
Specifications for particular types of winding wires - Part 29: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular copper wire, class 200
This International Standard specifies the requirements of enamelled rectangular copper winding wire of class 200 with a dual coating. The underlying coating is based on polyester or polyesterimide resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements. The superimposed coating is based on polyamide-imide resin. Class 200 is a thermal class that requires a minimum temperature index of 200 and a heat shock temperature of at least 220 °C.
prEVS 27647
Tähtaeg: 2002-11-01
Identne IEC 60317-30:1990+A1:1997
ja identne EN 60317-30:1996+A1:1998
Specifications for particular types of winding wires - Part 30: Polyimide enamelled rectangular copper wire, class 220
This International Standard specifies the requirements of enamelled rectangular copper winding wire of class 220 with a sole coating based on polyimide resin. Class 220 is a thermal class that requires a minimum temperature index of 220 and a heat shock temperature of at least 240 °C.
prEVS 27718
Tähtaeg: 2002-11-01
Identne IEC 60317-34:1997
ja identne EN 60317-34:1997
Specifications for particular types of winding wires - Part 34: Polyester enamelled round copper wire, class 130 L
This International Standard specifies the requirements of enamelled round copper winding wire of class 130 L with a sole coating based on polyester resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements. Class 130 L is a thermal class that requires a minimum temperature index of 130 and a heat shock temperature of at least 155 °C.
prEVS 29426
Tähtaeg: 2002-11-01
Identne IEC 60317-0-2:1997+A1:1999
ja identne EN 60317-0-2:1998+A1:2000
Specifications for particular types of winding wires - Part 0: General requirements - Section 2: Enamelled rectangular copper wire
Deals with insulated wires used for windings of electrical equipment. This recommendation is composed of basic dimensions, methods of test, specifications for particular types of wires and packaging. It recommends requirements for a well-defined range of wires. Specifies the general requirements of enamelled round copper winding wires with or without bonding layer. This publication supersedes IEC 182-1:1984 and IEC 182-2:1987.
prEVS 29430
Tähtaeg: 2002-11-01
Identne IEC 60317-0-3:1997+A1:1999
ja identne EN 60317-0-3:1998+A1:2000
Specifications for particular types of winding wires - Part 0: General requirements - Section 3: Enamelled round aluminium wire
Deals with insulated wires used for windings of electrical equipment. This recommendation is composed of basic dimensions, methods of test, specifications for particular types of wires and packaging. It recommends requirements for a well-defined range of wires. Specifies the general requirements of enamelled round copper winding wires with or without bonding layer. This publication supersedes IEC 182-1:1984 and IEC 182-2:1987.
prEVS 29431
Tähtaeg: 2002-11-01
Identne IEC 60317-0-1:1997+A1:1999
ja identne EN 60317-0-1:1998+A1:2000
Specifications for particular types of winding wires - Part 0: General requirements - Section 1: Enamelled round copper wire
Deals with insulated wires used for windings of electrical equipment. This recommendation is composed of basic dimensions, methods of test, specifications for particular types of wires and packaging. It recommends requirements for a well-defined range of wires. Specifies the general requirements of enamelled round copper winding wires with or without bonding layer. This publication supersedes IEC 182-1:1984 and IEC 182-2:1987.
prEVS 30189
Tähtaeg: 2002-11-01
Identne IEC 60317-32:1990+A1:1997
ja identne EN 60317-32:1996+A1:1997
Specifications for particular types of winding wires - Part 32: Glass-fibre wound, polyester or polyesterimide varnish-treated, bare or enamelled rectangular copper wire, temperature index 155
This International Standard specifies the requirements of polyester or polyesterimide varnish-treated glass-fibre wound, polyester or polyesterimide varnish-treated, bare or grade 2 enamelled rectangular copper winding wire, temperature index 155. When an enamelled wire is

used, it must have a minimum class of 130.
prEVS 30192
Tähtaeg: 2002-11-01
Identne IEC 60317-0-4:1997+A1:1999
ja identne EN 60317-0-4:1998+A1:2000

Specifications for particular types of winding wires - Part 0: General requirements - Section 4: Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire

Deals with insulated wires used for windings of electrical equipment. This recommendation is composed of basic dimensions, methods of test, specifications for particular types of wires and packaging. It recommends requirements for a well-defined range of wires. Specifies the general requirements of enamelled rectangular copper winding wires with or without bonding layer. This publication supersedes IEC 182-3.
prEVS 30193
Tähtaeg: 2002-11-01
Identne IEC 60317-31:1990+A1:1997
ja identne EN 60317-31:1996+A1:1997

Specifications for particular types of winding wires - Part 31: Glass-fibre wound, polyester or polyesterimide varnish-treated, bare or enamelled rectangular copper wire, temperature index 180

This International Standard specifies the requirements of glass-fibre wound, polyester or polyesterimide varnish-treated, bare or grade 2 enamelled rectangular copper winding wire, temperature index 180. The temperature index of the glass-fibre wound varnish-treated wire is dependent upon the type of varnish used. The varnish applied to the glass-fibre is based upon polyester or polyesterimide resin and shall have a minimum temperature index of 180. The method of test is to be agreed between purchaser and supplier.
prEVS 30194
Tähtaeg: 2002-11-01
Identne IEC 60317-33:1990+A1:1997
ja identne EN 60317-33:1996+A1:1997

Specifications for particular types of winding wires - Part 33: Glass-fibre wound, silicone varnished-treated, bare or enamelled rectangular copper wire, temperature index 200

This International Standard specifies the requirements of glass-fibre wound, silicone varnish-treated, bare or grade 2 enamelled rectangular copper winding wire, temperature index 200. When an enamelled wire is used, it must have a minimum class of 180.
prEVS 30196
Tähtaeg: 2002-11-01
Identne IEC 60317-45:1998
ja identne EN 60317-45:1998

Specification for particular types of winding wires - Part 45: Polyester enamelled round copper wire, class 130

This part of IEC 317 specifies the requirements of solderable enamelled round copper winding wire of class 130 with a sole coating based on polyester resin, which may be modified providing it retains the chemical identity or the original resin and meets all specified wire requirements.
prEVS 30772
Tähtaeg: 2002-11-01
Identne IEC 60317-27:1998+A1:1999
ja identne EN 60317-27:1998+A1:2000

Specifications for particular types of winding wires - Part 27: Paper tape covered rectangular copper wire

This International Standard specifies the general requirements of paper covered rectangular copper winding wires. This covering consists of two or more lappings of paper tape. The range of nominal conductor dimensions covered by this standard is: - width: min. 2,0 mm max. 16,0 mm; - thickness: min. 0,80 mm max. 5,60 mm.
prEVS 31181
Tähtaeg: 2002-11-01
Identne IEC 60317-42:1997
ja identne EN 60317-42:1997

Specifications for particular types of winding wires - Part 42: Polyester-amide-imide enamelled round copper wire, class 200

Specifications for particular types of winding wires - Part 42: Polyester-amide-imide enamelled round copper winding wire, class 200
prEVS 31555
Tähtaeg: 2002-11-01
Identne IEC 60317-43:1997
ja identne EN 60317-43:1997

Specifications for particular types of winding wires - Part 43: Aromatic polyimide tape wrapped round copper wire, class 240

This part of IEC 317 specifies requirements of tape wrapped round copper winding wire of class 240. The insulation consists of one or two wrappings of aromatic polyimide tape.
prEVS 31556
Tähtaeg: 2002-11-01
Identne IEC 60317-44:1997
ja identne EN 60317-44:1997

Specifications for particular types of winding wires - Part 44: Aromatic polyimide tape wrapped rectangular copper wire, class 240

This part of IEC 317 specifies requirements of tape wrapped rectangular copper winding wire of class 240. The insulation consists of one or two wrappings of aromatic polyimide tape.
prEVS 32422
Tähtaeg: 2002-11-01
Identne IEC 60317-46:1997
ja identne EN 60317-46:1997

Specification for particular types of winding wires - Part 46: Aromatic polyimide enamelled round copper wire, class 240

This part of IEC 317 specifies the requirements of enamelled round copper winding wire of class 240 with a sole coating of aromatic polyimide resin. Class 240 is thermal class that requires a minimum temperature index of 240 and heat shock temperature of at least 260 Degrees celcius.
prEVS 32423
Tähtaeg: 2002-11-01
Identne IEC 60317-47:1997
ja identne EN 60317-47:1997

Specification for particular types of winding wires - Part 47: Aromatic polyimide enamelled rectangular copper wire, class 240

This part of IEC 317 specifies the requirements of enamelled rectangular copper winding wire of class 240 with a sole coating of aromatic polyimide resin. Class 240 is thermal class that requires a minimum temperature index of 240 and heat shock temperature of at least 260 Degrees celcius.
prEVS 34944

Tähtaeg: 2002-11-01
Identne IEC 60317-49:1999
ja identne EN 60317-49:2000
Specifications for particular types of winding wires. Part 49: Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire, temperature index 180
This International Standard specifies the requirements of glass-fibre wound resin or varnish impregnated, bare, grade 1 or grade 2 enamelled round copper winding wire, temperature index 180. The impregnating agent can be, for instance, polyester or polyesterimide resin based.
prEVS 34947
Tähtaeg: 2002-11-01
Identne IEC 60317-50:1999
ja identne EN 60317-50:2000
Specifications for particular types of winding wires. - Part 50: Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire, temperature index 200
This International Standard specifies the requirements of glass-fibre wound resin or varnish impregnated, bare, grade 1 or grade 2 enamelled round copper winding wire, temperature index 200. The impregnating agent can b, for instance, polyesterimide or silicone resin based.
prEVS 36183
Tähtaeg: 2002-11-01
Identne IEC 60317-48:1999
ja identne EN 60317-48:2000
Specification for particular types of winding wires - Part 48: Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire, temperature index 155
This part of IEC 60317 specifies requirements of glass-fibre wound or varnish impregnated, bare, grade 1 or grade 2 enamelled round copper winding wire, temperature index 155. The impregnating agent can be, for instance, polyester or polyesterimide resin based.
prEVS 36972
Tähtaeg: 2002-11-01
Identne IEC 60317-52:1999
ja identne EN 60317-52:1999
Specifications for particular types of winding wires - Part 52: Aromatic polyamide (aramid) tape wrapped round copper wire, temperature index 220
This part of IEC 60317 specifies requirements for tape wrapped round copper winding wire of temperature index 220. The insulation consists of one or more wrappings of aromatic polyamide (aramid) tape of various thicknesses. NOTE - For this type of wire the heat shock test is inappropriate and therefore a heat shock temperature cannot be established. Consequently, a class based on the requirements for temperature index and heat shock temperature cannot be specified.
prEVS 37036
Tähtaeg: 2002-11-01
Identne IEC 60317-53:1999
ja identne EN 60317-53:1999
Specifications for particular types of winding wires - Part 53: Aromatic polyamide (aramid) tape wrapped rectangular copper wire, temperature index 220
This part of IEC 60317 specifies requirements for tape wrapped rectangular copper winding wire of temperature index 220. The insulation consists of one or more wrappings of aromatic polyamide (aramid) tape of various thickness. NOTE - For this type of wire, the heat shock test is inappropriate and therefore a heat shock temperature cannot be established. Consequently, a class based on the requirements for temperture index and heat shock temperature cannot be specified.

29.060.20 Kaablid

Cables

KAVANDITE ARVAMUSKÜSITLUS

prEVS 23172
Tähtaeg: 2002-11-01
Identne IEC 61138:1994 + A1:1995
ja identne EN 61138:1997
Cables for portable earthing and short-circuiting equipment
Applies to flexible cables with covering based on ethylene propylene rubber (EPR) or on polyvinyl chloride (PVC) for portable earthing and short-circuiting equipment.
prEVS 26854
Tähtaeg: 2002-11-01
Identne HD 621 S1:1996
Medium voltage impregnated paper insulated distribution cables
HD 621 applies to impregnated paper insulated cables for rated voltages U0/U(Um) from 3.6/6(7.2)kV up to 20.8/36(42)kV used in power distribution systems. Part 1 specifies the general requirements applicable to these cables, unless otherwise specified in the particular sections of this HD. Test methods are given in HD 605 EN 60811, HD 383 and HD 405 and in IEC 55-1and IEC 229. Part 2 covers all those test methods which are specified to paper insulated cables, and not included in HD 605. The particular types of cables are specified in Parts 3 and 4.
prEVS 30353
Tähtaeg: 2002-12-01
Identne HD 632 S1:1998
Power cables with extruded insulation and their accessories for rated voltages above 36 kV (Um = 42 kV) up to 150 kV (Um = 170 kV)
This standard specifies test requirements for power cables for fixed installations with extruded insulation of the types listed in sub-clause 1.5 and their accessories for rated voltages U above 36 kV (Um = 42 kV) up to and including 150 kV (Um = 170 kV).
prEVS 30357
Tähtaeg: 2002-12-01
Identne HD 633 S1:1997
Tests on oil-filled (fluid-filled), paper- and polypropylene paper laminate-insulated, metal-sheathed cables and accessories for alternating voltages up to and including 400 kV (Um=420 kV)
HD 633 applies to tests on radial field, oil-filled, paper-insulated metal-sheated cables and their accessories, which operate with a minimum static pressure of between 20 kPa (0.2 bar) and 300 kPa (3.0 bar) inclusive , a maximum static pressure of not more than 800 kPa (8.0 bar) and a minimum transient pressure of not less than 20 kPa (0.2 bar). (The quoted pressures are above atmospheric pressure).
prEVS 30361
Tähtaeg: 2002-12-01
Identne HD 635 S1:1997

Tests on external gas-pressure (gas compression) cables and accessories for alternating voltages up to and including 275 kV (Um = 300 kV)
HD 635 applies to tests on radial-field impregnated-paper insulated cables and accessories which, during normal operation, work under a gas pressure exceeding 1200 kPa (12 bar) applied outside a sheath or jacket, so that the gas is not in direct contact with the insulation. The tests are applicable to cables and accessories intended to be used in systems with a nominal voltage not exceeding 275 kV between phases.
prEVS 53994
Tähtaeg: 2002-12-01
Identne HD 629.1 S1:1996+ A1:2001
Test requirements on accessories for use on power cables of rated voltages from 3, 6/6(7, 2) kV up to 20, 8/36(42) kV - Part 1: Cables with extruded insulation
This standard specifies performance requirements for type tests for cable accessories for use on extruded insulation power cables as specified in HD 620.
prEVS 53996
Tähtaeg: 2002-12-01
Identne HD 629.2 S1:1997+A1:2001
Test requirements on accessories for use on power cables of rated voltage from 3, 6/6(7, 2) kV up to 20, 8/36(42) kV - Part 2: Cables with impregnated paper insulation
This standard specifies performance requirements for cable accessories for use on impregnated paper insulated power cables as specified in HD 621.
prEVS 53998
Tähtaeg: 2002-12-01
Identne HD 631.1 S1:1998
Material characterisation - Part 1: Compounds for use in cable accessories: Resinous compounds before cure and in the cured state
This HD details a minimum number of simple tests, identifying the properties' profile of reacting resinous compounds used for casting or encapsulation in accessories for low and medium voltage cables up to 20,8/36(42) kV as specified in HD 623, hd 629.1 and 629.2.
prEVS 54009
Tähtaeg: 2002-12-01
Identne HD 634 S1:1997
Tests on internal gas-pressure cables and accessories for alternating voltages up to and including 275 kV (Um=300 kV)
HD 634 applies to tests on radial-field impregnated-paper-insulated cables and accessories in which, during normal operation, a gas pressure exceeding 1,2 MPa (12 bar) gauge is applied internally i.e with the gas in direct contact with the insulation. The tests are applicable to cables and accessories intended to be used in systems with a nominal voltage not exceeding 275 kV between phases.

29.080.01 Elektriisolatsioon üldiselt

Electrical insulation in general

UUED STANDARDID

EVS-EN 50124-1:2002
Hind 179,00
Identne EN 50124-1:2001
Railway applications - Insulation coordination Part 1: Basic requirements - Clearances and creepage distances for all electrical and electronic equipment
The whole document deals with insulation coordination in railways. It applies to equipment for use in signalling, rolling stock and fixed installations up to 2000 m above sea level

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53992
Tähtaeg: 2002-12-01
Identne IEC 60664-3:1992
ja identne HD 625.3 S1:1997
Insulation coordination for equipment within low-voltage systems - Part 3: Use of coatings to achieve insulation coordination of printed board assemblies
Applies to rigid printed board assemblies protected by a coating of insulating material on one or both sides. Describes the requirements and test procedures. Has the status of a basic safety publication in accordance with IEC Guide 104.

29.080.10 Isolaatorid

Insulators

KAVANDITE ARVAMUSKÜSITLUS

prEVS 29773
Tähtaeg: 2002-11-01
Identne IEC 60660:1999
ja identne EN 60660:1999
Insulators Tests on indoor post insulators of organic material for systems with nominal voltages greater than 1kV up to but not including 300 kV
This standard is applicable to post insulators of organic material for indoor service in electrical installations or equipment operating in air at atmospheric pressure on alternating current with a nominal voltage greater than 1000 V up to but not including 300 kV, as defined by range I of IEC 71-1, and a frequency not greater than 100 Hz. Composite insulators are not covered by this standard.

29.080.99 Muud isolatsiooniga seotud standardid

Other standards related to insulation

UUED STANDARDID

EVS-EN 50124-2:2002
Hind 83,00
Identne EN 50124-2:2001
Railway applications - Insulation coordination Part 2: Overvoltages and related protection
This prEN 50124-2 applies to: - Fixed installations (downstream the secondary of the substation transformer) and rolling stock equipment linked to the contact line of one of the systems defined in EN 50163; - Rolling stock equipment linked to a train line. This prEN 50124-2 gives simulation and/or test requirements for protection against transient overvoltages of such equipment. Long-term overvoltages are not treated in this document

29.100.10
Magnetosad

Magnetic components

UUED STANDARDID

EVS-EN 61860:2002
Hind 126,00
Identne IEC 61860:2000
ja identne EN 61860:2000
Dimensions of low-profile cores made of magnetic oxides
This International Standard specifies the dimensions that are of importance for mechanical interchangeability for a preferred range of low profile cores made of magnetic oxides and the effective parameter values to be used in calculations involving these cores. The general considerations upon which the design of this range of cores is based is given in annex A.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 24871
Tähtaeg: 2002-11-01
Identne EN 125500:1996
Sectional Specification : Magnetic oxide ring cores for interference suppression and low level signal transformer applications
This sectional specification prescribes the characteristics, ratings and inspection requirements of assessed quality for ring cores made of soft magnetic oxides and iron powders. Such cores are intended for chokes for interference suppression and also for low level signal transformers for professional and industrial application .
prEVS 30289
Tähtaeg: 2002-11-01
Identne IEC 61185:1992+A1:1995
ja identne EN 61185:1997
Magnetic oxide cores (ETD-cores) intended for use in power supply applications - Dimensions
This International Standard specifies the dimensions that are of importance for mechanical interchangeability for ETD-cores made of magnetic oxides, the essential dimensions of coil formers to be used with them, and the effective values to be used in calculations involving them.
prEVS 32427
Tähtaeg: 2002-11-01
Identne EN 125000:1997
Generic specification: Cores made of ferrite materials
This Generic Specification is applicable to cores made of ferrite materials. These products are used in a wide range of inductive components required for many applications in almost all industries. It establishes standard terms, inspection procedures and methods of testing for use in sectional and detail specifications within the CECC System for electronic components.
prEVS 37506
Tähtaeg: 2002-12-01
Identne IEC 60938-2:1999
ja identne EN 60938-2:1999
Fixed inductors for electromagnetic interference suppression - Part 2: Sectional specification
This standard applies to fixed inductors designed for electromagnetic interference suppression and which fall within the scope of the Generic specification, IEC 60938-1. It is restricted to fixed inductors for which electrical shock hazard protection tests are appropriate. This implies that inductors specified according to this specification will either be connected to mains supplies, when compliance with the mandatory tests of table 1 is necessary, or used in other circuit positions where the equipment specification prescribes that some or all of these electrical shock hazard protection tests are required.
prEVS 37507
Tähtaeg: 2002-12-01
Identne IEC 60938-2-1:1999
ja identne EN 60938-2-1:1999
Fixed inductors for electromagnetic interference suppression - Part 2-1: Blank detail specification: Inductors for which safety tests are required. Assessment level D
A blank detail specification is a supplementary document to the Sectional specification and contains requirments for style, layout and minimum content of detail specification.Detail specifications not complying with these requirements may not be considered as being in accordance with IEC specifications nor shall they so be described. In the preparation of detail specifications the content of 1.4 of the sectional specification shall be taken into account.
prEVS 37513
Tähtaeg: 2002-12-01
Identne IEC 60938-1:1999
ja identne EN 60938-1:1999
Fixed inductors for electromagnetic interference suppression - Part 1: Generic specification
This standard applies to inductors designed for electomagnetic interference suppression intended for use within, or associated with, electronic or electrical equipment and machines. It is restricted to inductors, for which electrical shock hazard protection tests are appropriate. The combination of two or more inductors within one enclosure is also included. Inductors within the scope of this standard may also be used to protect apparatus and machines from electrical noise and voltage or current transients coming from either the supply or from other parts of the apparatus. The standard does not necessarily apply in its entirety to inductors intended for use on motor vehicles, in aircraft or for marine applications.
prEVS 54015
Tähtaeg: 2002-12-01
Identne IEC 60938-2-2:1999
ja identne EN 60938-2-2:1999
Fixed inductors for electromagnetic interference suppression - Part 2-2: Blank detail specification - Inductors for which safety tests are required (only)
Forms the basis for a uniform procedure for a common mark. It implements the approval schedule for safety tests only in IEC 60938-2, requires a declaration of design for parameters relevant ot safety tests and prescribes conformance tests to be conducted on every lot prior to its release and re-qualification tests depending on changes of the design. May be more appropriate for components manufactured in mass production, whereas this specification may be necessary in those cases where approval and re-qualification tests contribute considerably to the costs of the product.

29.120.00
Elektriaparaadid ja -tarvikud

Electrical accessories. General

KAVANDITE ARVAMUSKÜSITLUS

prEVS 25776
Tähtaeg: 2002-11-01
Identne EN 175500:1997
Sectional specification: Cable outlet accessories for connectors, including qualification approval and capability approval
This Sectional Specification (SS) is applicable to cable outlet accessories for connectors. It shall be used in conjunction with the relevant Detail Specification (DS). The object of this SS is to establish uniform specifications, type test requirements and quality assessement procedures for cable outlet accessories and to establish rules for the preparation of detail specifications for cable outlet accessories of assessed quality.

29.120.10
Elektrijuhtide paigaldustorud jms

Conduits for electrical purposes

UUED STANDARDID

EVS-EN 50086-2-4:2001/ A1:2002
Hind 66,00
Identne EN 50086-2-4:1994/A1:2001
Conduit systems for electrical installations - Part 2-4: Particular requirements for conduit systems buried underground
This standard specifies requirements and tests for conduit systems buried underground including conduits and conduit fittings for the protection and management of insulated conductors and/or cables in electrical installations or in communication systems. This standard applies to metallic, non-metallic and composite systems including threaded and non-threaded entries which terminate the system.

29.120.20
Liiteseadised ja klemmid

Connecting devices

KAVANDITE ARVAMUSKÜSITLUS

prEVS 26323
Tähtaeg: 2002-12-01
Identne HD 623 S1:1996+A1:2001
Specifications for joints, stop ends and outdoor terminations for distribution cables of rated voltage 0,6/1,0 kV
This specification details the performance requirements for joints, stop ends and outdoor terminations for cables of rated voltage 0,6/1,0(1,2) kV as defined in HD 603. Joints, stop ends and outdoor terminations for extruded solid dielectric insulated cables and transition joints between extruded solid dielectric insulated and impregnated paper insulated cables are included. Joints, stop ends and outdoor terminations for impregnated paper insulated cables are not included.

29.120.30
Pistikud, pistikupesad, pistikühendused

Plugs, socket-outlets, couplers

KAVANDITE ARVAMUSKÜSITLUS

prEVS 30560
Tähtaeg: 2002-11-01
Identne IEC 60320-2-3:1998
ja identne EN 60320-2-3:1998
Appliance couplers for household and similar general purposes - Part 2: Appliance couplers with a degree of protection higher than IPXO
This standard applies to two-pole non-reversible cold condition appliance couplers for a.c. only, with a degree of protection against ingress of water higher than IPXO, with a rated voltage not exceeding 250 V and a rated current not exceeding 10 A for 50 Hz or 60 Hz supply. They are intended for the connection of the supply cord to portable electrical appliances of class II for household, commercial and light industrial use.
prEVS 53891
Tähtaeg: 2002-11-01
Identne EN 186000-1:1993
Generic specification: connector sets for optical fibres and cables; part 1: requirements, test methods and qualification approval procedures
This specification applies to fibre optic connector sets for optical fibres and cables. It includes:- connector set requirements,- measurement and test procedures for quality assessment of both connector sets and their individual components, such as adaptors, plugs and sockets.

29.120.40
Lülitid

Switches

KAVANDITE ARVAMUSKÜSITLUS

prEVS 23177
Tähtaeg: 2002-11-01
Identne IEC 61129:1992
ja identne EN 61129:1994
Alternating current earthing switches - Induced current switching
Applies to alternating current earthing switches, rated 52 kV and above, capable of switching induced currents. Specifies switching requirements for earthing switches used to earth transmission lines.
prEVS 24186
Tähtaeg: 2002-11-01
Identne IEC 60214:1989
ja identne EN 60214:1997
On-load tap-changers
This standard applies to on-load tap-changers for power transformers and their motor-drive mechanisms. It relates mainly to tap-changers immersed in transformer oil according to IEC Publication 296, but may also be used for gas-insulated tap-changers in so far as conditions are applicable.

29.120.50
Kaitsmed jm liigvoolukaitseaparaadid

Fuses and other overcurrent protection devices

UUED STANDARDID

EVS-EN 50122-1:2002
Hind 259,00
Identne EN 50122-1:1997

Railway applications - Fixed installations - Part 1: Protective provisions relating to electrical safety and earthing
This standard specifies requirements for the protective provisions relating to electrical safety in fixed installations associated with a.c. - and d.c. - traction systems and to any installations that may be endangered by the traction power supply system

KAVANDITE ARVAMUSKÜSITLUS

prEVS 25115
Tähtaeg: 2002-12-01
Identne IEC 60282-2:1995
ja identne HD 636 S1:1996
High-voltage fuses - Part 2: Expulsion fuses
This International Standard specifies requirements for expulsion fuses designed for use outdoors and indoors on alternating current systems of 50 Hz and 60 Hz, and of rated voltages exceeding 1 000 V. Expulsion fuses are fuses in which the arc is extinguished by the expulsion effects of the gases produced by the arc.
prEVS 26438
Tähtaeg: 2002-11-01
Identne IEC 60099-5:1996+A1:1999
ja identne EN 60099-5:1996+A1:1999
Surge arresters - Part 5: Selection and application recommendations
This part of IEC 99 provides recommendations for the selection and application of surge arresters to be used in three-phase systems with nominal voltages above 1 kV. It applies to non-linear resistor type gapped surge arresters as defined in IEC 99-1 and to gapless metal-oxide surge arresters as defined in IEC 99-4.
prEVS 33014
Tähtaeg: 2002-11-01
Identne IEC 60644:1979
ja identne EN 60644:1993
Specification for high-voltage fuse-links for motor circuit applications
This standard applies primarily to fuse-links used with motors started direct-on-line on alternating current systems of 50 Hz and 60 Hz. Note.- When motors are used with assisted starting this specification can also be applied but particular attention should be paid to the selection of the rated current of the fuse-link (see Sub-clause 8.1) and the manufacturer of the fuse-link should preferably be consulted.
prEVS 35729
Tähtaeg: 2002-11-01
Identne IEC 60099-4:1991
ja identne EN 60099-4:1993
Surge arresters - Part 4: Metal-oxide surge arresters without gaps for a.c. systems
This International Standard applies to non-linear metal-oxide resistor type surge arresters without spark gaps designed to limit voltage surges on a.c. power circuits. This standard basically applies to all metal-oxide surge arresters; however, polymeric housed, GIS, liquid immersed and other special designs may require special consideration in design, test and application.
prEVS 36753
Tähtaeg: 2002-11-01
Identne IEC 60099-1:1991+A1:1999
ja identne EN 60099-1:1994+A1:1999
Surge arresters - Part 1:Non-linear resistor type gapped surge arresters for a.c. systems
This part of International Standard IEC 99 applies to surge protective devices designed for repeated operation to limit voltage surges on a.c. power circuits and to interrupt power-follow current. In particular, it applies to surge arresters consisting of single or multiple spark gaps in series with one or more non-linear resistors.
prEVS 53930
Tähtaeg: 2002-11-01
Identne IEC 60127-5:1988
ja identne EN 60127-5:1991
Miniature fuses; part 5: guidelines for quality assessment of miniature fuse-links
Gives a guide for tests for assessing the quality of miniature fuse-links other than type tests, for the case where there is no complete agreement between the user and the manufacturer on what such tests should be.

29.120.60 Lülitus- ja juhtimisaparaadid

Switchgear and controlgear

UUED STANDARDID

EVS-EN 50123-5:2002
Hind 179,00
Identne EN 50123-5:1997+A1:1999
Railway applications - Fixed installations - D.C. switchgear - Part 5: Surge arresters and low-voltage limiters for specific use in d.c. systems
Divisions 1, 2, 3, and 4 of EN 50123-5 cover particular requirements for surge arresters for specific use in fixed installations of d.c. traction systems. These are surge arresters consisting of one or more nonlinear resistors which may be in series with single or multiple spark gaps. Low-voltage limiters are covered under 5 of this EN 50123-5. These are protective devices mainly used to connect certain portions of the circuit, in case of voltages exceeding,because of an abnormal situation,a predetermined limited value. They are not used in general to provide surge protection

EVS-EN 50152-1:2002
Hind 212,00
Identne EN 50152-1:1997
Railway applications - Fixed installations - Particular requirements for a.c. switchgear - Part 1: Single-phase circuit-breakers with Um above 1 kV
This EN 50152-1 is applicable to single-phase a.c. one-pole circuit-breakers designed for indoor or outdoor fixed installations for operation at frequencies of 16 2/3 Hz and 50 Hz on traction systems having an U Nm above 1 kV up to 52 kV.

EVS-EN 50152-2:2002
Hind 101,00
Identne EN 50152-2:1997
Railway applications - Fixed installations - Particular requirements for a.c. switchgear - Part 2: Single-phase disconnectors, earthing switches and switches with Um above 1 kV

This Part of EN 50152 is applicable to single-phase a.c. one-pole disconnectors, earthing switches and switches (switch-disconnectors and general purpose switches) designed for indoor or outdoor fixed installations for operation at frequencies of 16 2/3 Hz and 50 Hz on traction systems having an U Nm above 1 kV up to 52 kV.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22156
Tähtaeg: 2002-11-01
Identne IEC 60129:1984+A1:1992+A2:1996
ja identne EN 60129:1994+A1:1994+A2:1996
Alternating current disconnectors and earthing switches (includes Amendment A1:1994)
This standard applies to alternating current disconnectors and earthing switches designed for indoor and outdoor installation, for voltages above 1000 V and for service frequencies up to and including 60 Hz. This standard also applies to the operating devices and their auxiliary equipment.

29.120.70 Releed

Relays

KAVANDITE ARVAMUSKÜSITLUS

prEVS 23013
Tähtaeg: 2002-11-01
Identne IEC 60255-21-3:1993
ja identne EN 60255-21-3:1995
Electrical relays - Part 21: Vibration, shock, bump and seismic tests on measuring relays and protection equipment - Section 3: Seismic tests
Specifies the vibration, shock, bump and seismic tests applicable to electromechanical and static measuring relays and protection equipment, with or without output contacts.
prEVS 25482
Tähtaeg: 2002-11-01
Identne IEC 60255-22-2:1996
ja identne EN 60255-22-2:1996
Electrical relays - Part 22: Electrical disturbance tests for measuring relays and protection equipment - Section 2: Electrostatic discharge tests
This section of IEC 255-22 is based on IEC 1000-4-2 and it refers to that standard where applicable. This section specifies general requirements for electrostatic discharge tests of static measuring relays and protection equipment, with or without output contacts. The object of the tests is to confirm the equipment being tested will not maloperate when energized and subjected to an electrostatic discharge.
prEVS 28718
Tähtaeg: 2002-11-01
Identne IEC 60255-23:1994
ja identne EN 60255-23:1996
Electrical relays - Part 23: Contact performance
Is applicable to contact assemblies of relays within the scope of the IEC and covers basic considerations which are, in general, common to all types of relays covered by IEC 255.
prEVS 30213
Tähtaeg: 2002-11-01
Identne EN 119000:1996
Generic Specification: Dry and mercury wetted reed contact units
This Generic Specification applies to dry and mercury wetted reed contact units of assessed quality. It lists the tests and measurement procedures which may be selected for use in Detail Specifications for such units. This document also specifies the quality assessment procedures to be followed. This specification applies to those reed contact units which are operated by an applied magnetic field; it is not restricted to any particular type contact load.
prEVS 30553
Tähtaeg: 2002-11-01
Identne EN 116203:1994
Blank detail specification: Electromechanical all-or-nothing relays for enhanced industrial application
Blank detail specification.
prEVS 30556
Tähtaeg: 2002-11-01
Identne EN 116204:1994
Blank detail specification: Electromechanical all-or-nothing sealed relays for aggressive industrial application
Blank detail specification.
prEVS 31454
Tähtaeg: 2002-11-01
Identne EN 116300:1993
Sectional Specification: Electromechanical All-Or-Nothing Heavy Load Relays of Assessed Quality (Rated from 5 A and above)
This sectional specification applies to electromechanical all-or-nothing heavy load relays of assessed quality, rated from 5 A and above.
prEVS 31488
Tähtaeg: 2002-11-01
Identne EN 147000:1993
Generic specification: Sockets for use with electrical relays of assessed quality
This specification covers the general requirements for sockets used with plug in electrical relays of assessed quality.
prEVS 31489
Tähtaeg: 2002-11-01
Identne EN 147100:1993
Sectional specification: Relay sockets of assessed quality
This sectional specification applies to relay sockets of assessed quality. It selects from the generic specification EN 147000:1993 and other sources the appropriate methods of test to be used in detail specifications derived from this specification, and contains basic test schedules to be used in the preparation of such specifications.
prEVS 31490
Tähtaeg: 2002-11-01
Identne EN 147101:1994
Blank detail specification: Relay sockets of assessed quality
Blank detail specification.

29.130.10 Kõrgepingelised lülitusseadmed ja nende juhtseadmed

High voltage switchgear and controlgear

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22495
Tähtaeg: 2002-11-01
Identne IEC 61166:1993
ja identne EN 61166:1993
High-voltage alternating current circuit-breakers - Guide for seismic qualification of high-voltage alternating current circuit-breakers
This European Standard specifies seismic severity levels and gives a choice of methods that can be applied to demonstrate the performance of HV circuit

breakers for which seismic qualification is required.
prEVS 53558
Tähtaeg: 2002-11-01
Identne IEC 62271-100:2001
ja identne EN 62271-100:2001
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.

29.140.20 Hõõglambid

Incandescent lamps

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22746
Tähtaeg: 2002-11-01
Identne IEC 61047:1991+A1:1996+A2:2001
ja identne EN 61047:1992+A1:1996+A2:2001
D.c. or a.c. supplied electronic step-down convertors for filament lamps - Performance requirements
Specifies performance requirements for electronic step-down convertors for use on d.c. supplies up to 250 V and a.c. supplies up to 1000 V at 50 Hz or 60 Hz with operating frequencies deviating from the supply frequency, associated with tungsten halogen lamps (as specified in IEC 357) and other filament lamps.
prEVS 26107
Tähtaeg: 2002-11-01
Identne IEC 60630:1994+A1,A2,A3:1999
ja identne EN 60630:1998+A3:1999
Maximum lamp outlines for incandescent lamps
Comprises maximum lamp outlines for tungsten filament lamps for domestic and similar general lighting purposes.
prEVS 28352
Tähtaeg: 2002-11-01
Identne IEC 60682:1980+A1:1987+A2:1997
ja identne EN 60682:1993+A2:1997
Method of measuring the pinch temperature of quartz glass lamps
Specifies details of the type of thermocouple to be used to measure the pinch temperature of quartz glass lamps, three methods of preparation of the lamp and thermocouple, and the measurement to be made.

29.140.30 Luminofoorlambid. Lahenduslambid

Fluorescent lamps. Discharge lamps

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22229
Tähtaeg: 2002-11-01
Identne IEC 60921:1988+A1:1990+A2:1994
ja identne EN 60921:1991+A1:1992+A2:1995
Ballasts for tubular fluorescent lamps - Performance requirements
Specifies performance requirements for ballasts excluding resistance types for use on a.c. supplies up to 1 000 V at 50 Hz or 60 Hz, associated with tubular fluorescent lamps with or without pre-heated cathodes operated with or without a starter or starting device and having rated wattages, dimensions and characteristics as specified in IEC 81. A.C. supplied electronic ballasts for high frequency operation are excluded. These are specified in IEC 928. Supersedes IEC 82.
prEVS 22861
Tähtaeg: 2002-12-01
Identne IEC 60929:1990+Cor+A1:1994+A2:1996
ja identne EN 60929:1992+A1:1995+A2:1996
A.C.-supplied electronic ballasts for tubular fluorescent lamps - Performance requirements
Specifies performance requirements for electronic ballasts for use on a.c. supplies up to 1000 V at 50 Hz or 60 Hz with operating frequencies deviating from the supply frequency, associated with tubular fluorescent lamps as specified in IEC 81 and 901 and other tubular fluorescent lamps for high frequency operation.
prEVS 22865
Tähtaeg: 2002-12-01
Identne IEC 60927:1996+A1:1999
ja identne EN 60927:1996+A1:1999
Auxiliaries for lamps - Starting devices (other than glow starters) - Performance requirements
Specifies performance requirements for starting devices (starters and ignitors) for tubular fluorescent and other discharge lamps for use on a.c. supplies up to 1000 V at 50 Hz or 60 Hz which produce starting pulses not greater than 5 kV. Should be read in conjunction with IEC 926.
prEVS 22866
Tähtaeg: 2002-11-01
Identne IEC 60925:1989+A1:1996+A2:2001
ja identne EN 60925:1991+A1:1996+A2:2001
D.C. supplied electronic ballasts for tubular fluorescent lamps - Performance requirements
Specifies general performance requirements for electronic ballasts for use on d.c. supplies having rated voltages not exceeding 250 V associated with tubular fluorescent lamps.
prEVS 27988
Tähtaeg: 2002-11-01
Identne IEC 60081:1997+A1:2000
ja identne EN 60081:1998+A1:2002
Double-capped fluorescent lamps - Performance specifications
This International Standard specifies the performance requirements for double-capped fluorescent lamps for general lighting service. The requirements of this standard relate only to type testing, Conditions of compliance, including methods of statistical assessment, are under consideration.
prEVS 30152
Tähtaeg: 2002-11-01
Identne IEC 60923:1995+A1:2001
ja identne EN 60923:1996+A1:2001
Auxiliaries for lamps - Ballasts for discharge lamps (excluding tubular fluorescent lamps) - Performance requirements
Specifies performance requirements for ballasts for discharge lamps such as high-pressure mercury vapour, low-pressure and high-pressure sodium vapour, high-pressure sodium and metal halide lamps. Each section details specific requirements for a particular type of ballasts. The

standard covers inductive type ballasts for use on a.c. supplies up to 1 000 V at 50 Hz to 60 Hz associated with discharge lamps, having rated wattage, dimensions and characteristics as specified in the relevant IEC lamp standards.

29.140.40 Valgustid

Luminaires

KAVANDITE ARVAMUSKÜSITLUS

prEVS 27164
Tähtaeg: 2002-11-01
Identne IEC 60634:1993
ja identne EN 60634:1995
Heat test source (H.T.S.) lamps for carrying out heating tests on luminaires
Specifies requirements for heat test source (H.T.S.) lamps used for carrying out the thermal tests of IEC 598.

29.140.99 Muud lampide ja valgustitega seotud standardid

Other standards related to lamps

UUED STANDARDID

EVS-EN 61347-2-5:2002
Hind 163,00
Identne IEC 61347-2-5:2000
ja identne EN 61347-2-5:2001
Lamp controlgear - Part 2-5: Particular requirements for d.c. supplied electronic ballasts for public transport lighting
This Part 2 of IEC 61347 specifies the particular safety requirements for d.c. supplied electronic ballasts intended for operation from power sources likely to have attendant transient and surges, e.g. for road and railway vehicles, tramcars, and craft used for public transport.

EVS-EN 61347-2-6:2002
Hind 163,00
Identne IEC 61347-2-6:2000
ja identne EN 61347-2-6:2001
Lamp controlgear - Part 2-6: Particular requirements for d.c. supplied electronic ballasts for aircraft lighting
This part of IEC 61347 specifies particular safety requirements for d.c. supplied electronic ballasts intended for operation from power sources likely to have attendant transients and surges such as in aircraft. This first edition of IEC 61347-2-6, together with IEC 61347-1, cancels and replaces section five of the first edition of IEC 60924, published in 1990, and constitutes a minor revision. This standard shall be used in conjunction with IEC 61347-1. It was established on the basis of the first edition (2000) of that standard.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 27085
Tähtaeg: 2002-11-01
Identne IEC 60810:1993+A1:1994+A2:2001
ja identne EN 60810:1994+A1:2001+A2:2001
Lamps for road vehicles - Performance requirements
One of a series of IEC standards for incandescent lamps to be used in headlamps, fog-lamps and signalling lamps of road vehicles.

29.180 Trafod. Reaktorid

Transformers. Reactors

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22472
Tähtaeg: 2002-11-01
Identne IEC 61181:1993
ja identne EN 61181:1993
Impregnated insulating materials - Application of dissolved gas analysis (DGA) to factory tests on electrical equipment
This European Standard specifies analysis requirements and procedures, and recommends sensitivity and precision criteria for factory testing of power transformers, reactors and instrument transformers.
prEVS 22667
Tähtaeg: 2002-11-01
Identne IEC 60076-2:1993
ja identne EN 60076-2:1997
Power transformers - Part 2: Temperature rise
This part of International Standard IEC 76 identifies transformers according to their cooling methods, defines temperature-rise limits and details the methods of test for temperature-rise measurements. It applies to transformers as defined in the scope of IEC 76-1.
prEVS 25858
Tähtaeg: 2002-11-01
Identne IEC 60310:1991
ja identne EN 60310:1996
Railway applications - Traction transformers and inductors on rolling stock
This European Standard EN 60310 applies to traction transformer installed on board rolling stock and to the various type of inductors inserted in the power and auxiliary circuits of electric vehicles. The term "inductor" is used in the Standard with the same meaning as the term "reactor" mentioned in IEC Publications 50(421), 50(811) and 289 (EN 60289) and is considered equivalent.
prEVS 27900
Tähtaeg: 2002-12-01
Identne HD 428.1 S1:1992 + A1:1995
Three phase oil-immersed distribution transformers 50 Hz, from 50 to 2500 kVA with highest voltage for equipment not exceeding 36 kV - Part 1: General requirements and requirements for transformers with highest voltage for equipment not exceeding 24 kV
This harmonization document covers transformers from 50 to 2500 kVA intended for operation in three-phase distribution networks, for indoor or outdoor continuous service, 50 Hz, immersed in mineral-oil, natural cooling, with two windings: - a primary (high-voltage) winding with a highest voltage for equipment from 3,6 to 24 kV, - a secondary (low-voltage) winding with a highest voltage for equipment not exceeding 1,1 kV.
prEVS 38459
Tähtaeg: 2002-11-01
Identne IEC 61203:1992
ja identne EN 61203:1994
Synthetic organic esters for electrical purposes - Guide for maintenance of transformer esters in equipment

This International Standard is a guide to the maintenance of synthetic organic esters, originally complying with the requirements of IEC 1099, in transformers with rated voltages up to 35 kV. It is intended to assist the equipment operator in assessing the quality of the liquid during use in the equipment and maintaining it in a serviceable condition.
prEVS 53789
Tähtaeg: 2002-11-01
Identne EN 138121:2001
Blank detail specification: Fixed inductors for electromagnetic interference suppression - Inductors for which safety tests are required (safety tests only)
This blank detail specification forms the basis of a uniform procedure for a common European Mark. It implements the approval schedule for safety test in EN 138100, requires a declaration of design for parameters relevant to safety and prescribes conformance tests to be conducted on every lot prior to its release and requalification tests depending on changes of the design.
prEVS 53931
Tähtaeg: 2002-11-01
Identne IEC 60146-1-3:1991
ja identne EN 60146-1-3:1993
Semiconductor convertors; general requirements and line commutated convertors; Part 1-3: transformers and reactors
Specifies characteristics wherein convertor transformers differ from ordinary power transformers. In all other respects, the rules specified in IEC 60076 shall apply.
prEVS 53976
Tähtaeg: 2002-12-01
Identne HD 428.2.1 S1:1994
Three phase oil-immersed distribution transformers 50 Hz, from 50 to 2500 kVA with highest voltage for equipment not exceeding 36 kV - Part 2: Distribution transformers with cable boxes on the high voltage and/or low voltage side - Section 1: General requirements
HD 428.1 subclause 3.3 states that a distribution transformer could have different termination features.
prEVS 53977
Tähtaeg: 2002-12-01
Identne HD 428.2.2 S1:1997
Three-phase oil-immersed distribution transformers 50 Hz, from 50 to 2500 kVA with highest voltage for equipment not exceeding 36 kV - Part 2: Distribution transformers with cable boxes on the high-voltage and/or low-voltage side - Section 2: Cable boxes type 1 for use on distribution transformers meeting the requirements of HD 428.2.1 S1
This document specifies the requirements for cable boxes, Type 1, in which the cable cores are terminated. The cable boxes are suitable for use on transformers defined in HD 428.2.1 S1, Distribution transformers with cable boxes, for side mounted or cover mounted use. The cable boxes are suitable for operation indoors and outdoors under environmental conditions specified in HD 428.1 S1. Important design and construction requirements of the cable boxes are given.
prEVS 53978
Tähtaeg: 2002-12-01
Identne HD 428.2.3 S1:1998
Three-phase oil-immersed distribution transformers 50 Hz, from 50 to 2500 kVA with highest voltage for equipment not exceeding 36 kV - Part 2: Distribution transformers with cable boxes on the high-voltage and/or low-voltage side - Section 3: Cable boxes type 2 for use on distribution transformers meeting the requirements of HD 428.2.1
Cable boxes described in this document correspond to cable boxes Type 2 in HD 428.2.1 and are suitable for assembly on the cover of oil-immersed distribution transformers meeting the requirements of HD 428.2.1.
prEVS 53979
Tähtaeg: 2002-12-01
Identne HD 428.3 S1:1994
Three phase oil-immersed distribution transformers 50 Hz, from 50 to 2500 kVA with highest voltage for equipment not exceeding 36 kV; Part 3: supplementary requirements for transformers with highest voltage for equipment equal to 36 kV
This Harmonization Document covers transformers from 50 to 2500 kVA intended for operation in three-phase distribution networks, for indoor or outdoor continuous service, 50 Hz, immersed in mineral-oil, natural cooling, with two windings.
prEVS 53981
Tähtaeg: 2002-12-01
Identne HD 428.4 S1:1994
Three phase oil-immersed distribution transformers 50 Hz, from 50 to 2500 kVA with highest voltage for equipment not exceeding 36 kV; Part 4: determination of the power rating of a transformer loaded with non-sinusoidal currents
This document gives to the user guidance to determine the loadability of an oil-immersed distribution transformer, as defined in and covered by HD 428, in the case of load current with harmonic factors exceeding the maximum values allowed.

29.200
Alaldid. Muundurid. Stabiliseeritud toiteallikad

Rectifiers. Converters. Stabilized power supply

UUED STANDARDID

EVS-EN 50152-3-2:2002
Hind 75,00
Identne EN 50152-3-2:2001
Railway applications - Fixed installations - Particular requirements for a.c. switchgear - Part 3-2: Measurement, control and protection devices for specific use in a.c. traction systems - Single-phase current transformers
EN 50152-3-2 gives particular requirements for single-phase current transformers used in a.c. railway applications, fixed installations. This standard refers to single-phase current transformers for railway applications on 15 kV, 16 2/3 Hz and 25 kV, 50 Hz overhead lines, these voltages and frequencies being defined in accordance with EN 50163. The main use of these current transformers are: Measurement and protection.

EVS-EN 50152-3-3:2002
Hind 83,00
Identne EN 50152-3-3:2001

Railway applications - Fixed installations - Particular requirements for a.c. switchgear - Part 3-3: Measurement, control and protection devices for specific use in a.c. traction systems - Single-phase inductive voltage transformers
EN 50152-3-2 gives particular requirements for single-phase voltage transformers used in a.c. railway applications, fixed installations. This standard refers to single-phase voltage transformers for railway applications on 15 kV, 16 2/3 Hz and 25 kV, 50 Hz overhead lines, these voltages and frequencies being defined in accordance with EN 50163. The main use of these voltage transformers are: Measurement and protection.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 31182
Tähtaeg: 2002-11-01
Identne IEC 60146-1-1:1991 + A1:1996
ja identne EN 60146-1-1:1993 + A1:1997
Semiconductor convertors - General requirements and line commutated convertors - Part 1-1: Specifications of basic requirements
Specifies the requirements for the performance of all electronic power convertors and electronic power switches using controllable and/or non-controllable electronic valves. Specifies the requirements applicable to line commutated convertors for conversion of a.c. power to d.c. power or vice versa including tests and service conditions which influence the basis of rating.
prEVS 32977
Tähtaeg: 2002-11-01
Identne IEC 60633:1998
ja identne EN 60633:1999
Terminology for high-voltage direct current (HVDC) transmission
This International Standard defines terms for high-voltage direct current (HVDC) power transmission systems and for HVDC substations using electronic power converters for the conversion from a.c. to d.c. or vice versa.
prEVS 37262
Tähtaeg: 2002-11-01
Identne IEC 60700-1:1998
ja identne EN 60700-1:1998
Thyristor valves for high voltage direct current (HVDC) power transmission - Part 1: Electrical testing
This standard applies to thyristor valves with metal oxide surge arresters directly connected between the valve terminals, for use in a line commutated converter for high voltage d.c. power transmission or as part of a back-to-back link. It is restricted to electrical type and production tests. The tests specified in this standard are based on air insulated valves. For other types of valves, the test requirements and acceptance criteria must be agreed.

29.220.20 Happeakud ja -akupatareid

Acid secondary cells and batteries

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22841
Tähtaeg: 2002-11-01
Identne IEC 60952-1:1988
ja identne EN 60952-1:1993
Aircraft batteries - Part 1: General test requirements and performance levels
This standard, published in two parts, covers both vented nickel-cadmium and vented lead-acid aircraft batteries containing vented or valve-regulated cells or monoblocs. The batteries are used for general purposes and dedicated applications.
prEVS 22842
Tähtaeg: 2002-11-01
Identne IEC 60952-2:1991
ja identne EN 60952-2:1993
Aircraft batteries - Part 2: Design and construction requirements
This part of IEC 952 covers both nickel-cadmium and lead-acid aircraft batteries containing vented or valve-regulated cells or monoblocs. The batteries are used for both general purposes and specific applications.
prEVS 22930
Tähtaeg: 2002-11-01
Identne IEC 60896-1:1987+A1:1988+A2:1990
ja identne EN 60896-1:1991+A2:1992
Stationary lead-acid batteries - General requirements and methods of test - Part 1: Vented types
The standard applies to lead-acid cells and batteries which are designed for service in a fixed location (i.e. not habitually to be moved from place to place) and which are permanently connected to the load and to the d.c. power supply.
prEVS 23252
Tähtaeg: 2002-11-01
Identne IEC 60952-3:1993
ja identne EN 60952-3:1995
Aircraft batteries - Part 3: External electrical connectors
Defines the design and dimensions of the external electrical connectors on aircraft batteries which interface with the connector plugs on the aircraft.
prEVS 27643
Tähtaeg: 2002-11-01
Identne IEC 60095-4:1989
ja identne EN 60095-4:1993 + A11:1994
Lead-acid starter batteries - Part 4: Dimensions of batteries for heavy commercial vehicles
This standard is applicable to lead-acid batteries used for starting, lighting and igniting of agriculture machines, buses, coaches and lorries.
prEVS 27667
Tähtaeg: 2002-11-01
Identne IEC 60095-2:1984
ja identne EN 60095-2:1993 + A11:1994
Lead-acid starter batteries - Part 2: Dimensions of batteries and dimensions and marking of terminals
This standard is applicable to lead-acid batteries with a nominal voltage of 12 V, used primarily as a power source for starting and ignition of internal combusion engines, lighting and also for auxiliary equipment of internal combustion engine vehicles. These batteries are commonly called "Starter batteries". This standard is not applicable to batteries for other purposes, for example the starting of railcar internal combustion engines.

29.220.30
Leelisakud ja -akupatareid

Alkaline secondary cells and batteries

UUED STANDARDID

EVS-EN 61809:2002
Hind 170,00
Identne IEC 61809:2000
ja identne EN 61809:2000
Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed alkaline secondary cells and batteries
This International Standard specifies tests and requirements for portable sealed alkaline secondary cells and batteries (other than button) for their safer operation under intended use and reasonably foreseeable misuse.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22497
Tähtaeg: 2002-11-01
Identne IEC 61150:1992 + Cor.:1992
ja identne EN 61150:1993
Alkaline secondary cells and batteries - Sealed nickel-cadmium rechargeable monobloc batteries in button cell design
Specifies tests and requirements for sealed nickel-cadmium rechargeable monobloc batteries in button cell design, suitable for use in any orientation.

29.240.01
Elektrijaotusvõrgud üldiselt

Power transmission and distribution networks in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 23172
Tähtaeg: 2002-11-01
Identne IEC 61138:1994 + A1:1995
ja identne EN 61138:1997
Cables for portable earthing and short-circuiting equipment
Applies to flexible cables with covering based on ethylene propylene rubber (EPR) or on polyvinyl chloride (PVC) for portable earthing and short-circuiting equipment.

29.240.10
Alajaamad. Liigpingepiirikud

Substations. Surge arresters

KAVANDITE ARVAMUSKÜSITLUS

prEVS 26438
Tähtaeg: 2002-11-01
Identne IEC 60099-5:1996+A1:1999
ja identne EN 60099-5:1996+A1:1999
Surge arresters - Part 5: Selection and application recommendations
This part of IEC 99 provides recommendations for the selection and application of surge arresters to be used in three-phase systems with nominal voltages above 1 kV. It applies to non-linear resistor type gapped surge arresters as defined in IEC 99-1 and to gapless metal-oxide surge arresters as defined in IEC 99-4.
prEVS 35729
Tähtaeg: 2002-11-01
Identne IEC 60099-4:1991
ja identne EN 60099-4:1993
Surge arresters - Part 4: Metal-oxide surge arresters without gaps for a.c. systems
This International Standard applies to non-linear metal-oxide resistor type surge arresters without spark gaps designed to limit voltage surges on a.c. power circuits. This standard basically applies to all metal-oxide surge arresters; however, polymeric housed, GIS, liquid immersed and other special designs may require special consideration in design, test and application.
prEVS 36753
Tähtaeg: 2002-11-01
Identne IEC 60099-1:1991+A1:1999
ja identne EN 60099-1:1994+A1:1999
Surge arresters - Part 1: Non-linear resistor type gapped surge arresters for a.c. systems
This part of International Standard IEC 99 applies to surge protective devices designed for repeated operation to limit voltage surges on a.c. power circuits and to interrupt power-follow current. In particular, it applies to surge arresters consisting of single or multiple spark gaps in series with one or more non-linear resistors.

29.240.20
Elektrijaotusliinid

Power transmission and distribution lines

UUED STANDARDID

EVS-EN 61779-2:2002
Hind 83,00
Identne IEC 61779-2:1998
ja identne EN 61779-2:2000
Electrical apparatus for the detection and measurement of flammable gases - Part 2: Performance requirements for group I apparatus indicating a volume fraction up to 5 % methane in air
This part of IEC 61779 specifies requirements for group I (as defined in part 1) portable, transportable and fixed apparatus for the detection and measurement of methane concentrations in mine air.The apparatus, or parts thereof, are intended for use in mines susceptible to firedamp. The requirements and test methods applicable to the apparatus covered by this standard are specified in part 1.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 26323
Tähtaeg: 2002-12-01
Identne HD 623 S1:1996+A1:2001
Specifications for joints, stop ends and outdoor terminations for distribution cables of rated voltage 0,6/1,0 kV
This specification details the performance requirements for joints, stop ends and outdoor terminations for cables of rated voltage 0,6/1,0(1,2) kV as defined in HD 603. Joints, stop ends and outdoor terminations for extruded solid dielectric insulated cables and transition joints between extruded solid dielectric insulated and impregnated paper insulated cables are included. Joints, stop ends and outdoor terminations for

impregnated paper insulated cables are not included.
prEVS 53763
Tähtaeg: 2002-11-01
Identne IEC 60834-1:1999
ja identne EN 60834-1:1999
Teleprotection equipment of power systems - Performance and testing - Part 1: Command systems
Applies to teleprotection command systems used to convey command information, generally in conjunction with protection equipment. Aims at establishing performance requirements and recommended testing methods for command type teleprotection equipment. The information conveyed by the teleprotection equipment can be in analogue or digital form.

29.260.00 Eritingimustes töötavad elektriseadmed

Electrical equipment for working in special conditions. General

UUED STANDARDID

EVS-EN 50125-1:2002
Hind 109,00
Identne EN 50125-1:1999
Railway applications - Environmental conditions for equipment - Part 1: Equipment on board rolling stock
This standard takes into account environmental conditions within Europe. It can also be applied elsewhere by agreement. The scope of this standard covers the use of on board electrical and electronic equipment for rolling stock, with the following parameters: Altitude, Temperature, Humidity, Air movement, Rain, Snow and Hail, Ice, Solar radiation, Lightning, Pollution, Vibrations and Shocks, Electromagnetic interference environment, Acoustic noise environment, Supply System characteristics

29.260.20 Plahvatusohtlikus keskkonnas töötavad elektriseadmed

Electrical apparatus for explosive atmospheres

UUED STANDARDID

EVS-EN 61779-3:2002
Hind 83,00
Identne IEC 61779-3:1998
ja identne EN 61779-3:2000
Electrical apparatus for the detection and measurement of flammable gases - Part 3: Performance requirements for group I apparatus indicating a volume fraction up to 100 % methane in air
This part of IEC 61779 specifies requirements for group 1 (as defined in part 1) portable, transportable and fixed apparatus for the detection and measurement of methane concentrations in mine air. The apparatus, or parts thereof, are intended for use in mines susceptible to firedamp. The requirements and test methods applicable to the apparatus covered by this standard are specified in part 1.

EVS-EN 61779-4:2002
Hind 83,00
Identne IEC 61779-4:1998
ja identne EN 61779-4:2000
Electrical apparatus for the detection and measurement of flammable gases - Part 4: Performance requirements for group II apparatus indicating a volume fraction up to 100 % lower explosive limit
This part of IEC 61779 specifies requirements for group II (as defined in part 1) portable, transportable and fixed apparatus for the detection and measurement of combustible gas or vapour concentrations with air.The apparatus, or parts thereof, may be installed or used in potentially explosive atmospheres (i.e. group I). The requirements and test methods applicable to the apparatus covered by this standard are specified in part 1.

EVS-EN 61779-5:2002
Hind 83,00
Identne IEC 61779-5:1998
ja identne EN 61779-5:2000
Electrical apparatus for the detection and measurement of flammable gases - Part 5: Performance requirements for group II apparatus indicating a volume fraction up to 100 % gas
This part of IEC 61779 specifies requirements for group II (as defined in part 1) portable, transportable and fixed apparatus for the detection and measurement of combustible gas or vapour concentrations with air.The apparatus, or parts thereof, may be installed or used in potentially explosive atmospheres, other than mines susceptible to firedamp (i.e. group I). The requirements and test methods applicable to the apparatus covered by this standard are specified in part 1.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 26328
Tähtaeg: 2002-11-01
Identne IEC 60079-17:1996
ja identne EN 60079-17:1997
Electrical apparatus for explosive gas atmospheres - Part 17: Inspection and maintenance of electrical installations in hazardous areas (other than mines)
The standard is intended to be applied by users, and covers factors directly related to the inspection and maintenance of electrical installations within hazardous areas only. It does not include conventional requirements for electrical installations nor the testing and certification of electrical apparatus. It does not cover Group I (applications for mines susceptible to firedamp) apparatus. It does not cover the alternative of "Continuous supervision by skilled personnel". This standard supplements the requirements laid down in IEC 364-6-61.
prEVS 30368
Tähtaeg: 2002-11-01
Identne IEC 60079-14:1996
ja identne EN 60079-14:1997
Electrical apparatus for explosive gas atmospheres - Part 14: Electrical installations in hazardous areas (other than mines)

This part of IEC 79 contains the specific requirements for the design, selection and erection of electrical installations in explosive gas atmospheres. These requirements are in addition to the requirements for installations in non-hazardous areas. This standard applies to all electrical equipment and installations in hazardous areas whether permanent, temporary, portable, transportable or hand-held. It applies to installations at all voltages.

29.260.99
Muud eritingimustes töötavad elektriseadmed

Other electrical equipment for working in special conditions

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22463
Tähtaeg: 2002-11-01
Identne IEC 61219:1993
ja identne EN 61219:1993
Live working - Earthing or earthing and short-circuiting equipment using lances as a short-circuiting device - Lance earthing
This European Standard applies to equipment for temporary earthing or earthing and short-circuiting of electrically isolated parts of a.c. installations, the disconnection of which has been verified, for the protection of workers while work is in progress using lance(s) as the earthing or earthing and short-circuiting device.

29.280
Elekterveoseadmed

Electric traction equipment

UUED STANDARDID

EVS-EN 50119:2002
Hind 0,00
Identne EN 50119:2001
Railway applications - Fixed installations - Electric traction overhead contact lines
This European Standard applies for the design and construction of electric traction overhead contact lines in railway and tramway applications (see clause 4). The standard is intended to be used by the system designer for the new construction of electric traction overhead contact lines or for the complete transformation of existing lines according to the client performance objectives. This document does not deal in detail with railway traction electrical supply systems or EMC requirements and is not applicable to feeders which are remote from the track

EVS-EN 50126:2002
Hind 247,00
Identne EN 50126:1999
Railway applications - The specification and demonstration of reliability, availability, maintainability and safety (RAMS)
This European Standard: - defines RAMS in terms of reliability, availabiliy, maintainability and safety and their interaction; - defines a process, based on the system lifecycle and tasks within it, for managing RAMS; - enables conflicts between RAMS elements to be controlled and managed effectively; - defines a systematic process for specifying reqiurements for RAMS and demonstrating that these requirements are achieved; - adresses railway specifics; - does not define RAMS targets, quantities, requirements or solutions for specific railway applications; - does not specify requirements for ensuring system sucurity; - does not define rules or processes pertaining to the certification of railway produkts against the requirements of this standard; - does not define an approval process by the safety regulatory authority. This European Standard is applicable: - to the specification and demonstration of RAMS for all railway applications and at all levels of such an application, as appropriate, from complete railway routes to major systems within a railway route, and to individual and combined sub-systems and components within these major systems, including those containing software; - at all relevant phases of the lifecycle of an application; - for use by Railway Authorities and the railway support industry.

EVS-EN 50128:2002
Hind 283,00
Identne EN 50128:2001
Railway applications - Communications, signalling and processing systems - Software for railway control and protection systems
This European Standard specifies procedures and technical requirements for the development of programmable electronic systems for use in railway control and protection applications. It is aimed at use in any area where there are safety implications. These may range from the very critical, such as safety signalling to the non-critical, such as management information systems. These systems may be implemented using dedicated microprocessors, programmable logic controllers, multiprocessor distributed systems, larger scale central processor systems or other architectures.

EVS-EN 50149:2002
Hind 163,00
Identne EN 50149:2001
Railway applications - Fixed installations - Electric traction - Copper and copper alloy grooved contact wires
This standard specifies the characteristics of copper and copper alloy wires of cross sections of 80, 100, 107, 120 and 150 mm² for use on overhead contact lines. It establishes the product characteristics, the test methods, checking procedures to be used with the wires, together with the ordering and delivery condition.

EVS-EN 50155:2002
Hind 190,00
Identne EN 50155:2001
Railway applications - Electronic equipment used on rolling stock
This standard applies to all electronic equipment for control, regulation, protection, supply, etc., installed on rail vehicles and associated with: - either the accumulator battery of the vehicle; - or a low voltage power supply source with or without a direct connection to the contact system (transformer, potentiometer device, auxiliary supply); with the exception of electronic power circuits, which conform to EN 50207.

EVS-EN 60322:2002
Hind 190,00
Identne IEC 60322:2001
ja identne EN 60322:2001

Railway applications - Electric equipment for rolling stock - Rules for power resistors of open construction
This International Standard gives the rules for all power resistors (for example, braking, heating, snubber and filter) used in the power and auxiliary circuits on board rolling stock irrespective on the circuit and the type of vechicle where they are used.

EVS-EN 50121-1:2002
Hind 109,00
Identne EN 50121-1:2000
Railway applications - Electromagnetic compatibility - Part 1: General
This part 1 of the European Standards series EN 50121 outlines the structure and the content of the whole set. Annex A describes the characteristics of the Railway System and Annex B a management process for achieving Electromagnetic Compatibility(EMC) at the interface between the railway infrastructure, as defined in the EU Directive 91/440 EEC, and trains. The objective of the whole set of Standards is to specify the Electromagnetic (EM) emission and immunity requirements for railway products, and for railway as an installation

EVS-EN 50121-2:2002
Hind 130,00
Identne EN 50121-2:2000
Railway applications - Electromagnetic compatibility - Part 2: Emission of the whole railway system to the outside world
This Standard sets the emission limits from the whole railway system, it describes the measurement method to verify the emissions, and gives the cartography values of the fields most frequently encountered. These specific provisions are to be used in conjunction with the general provisions in EN 50121-1

EVS-EN 50121-4:2002
Hind 126,00
Identne EN 50121-4:2000
Railway applications - Electromagnetic compatibility - Part 4: Emission and immunity of the signalling and telecommunications apparatus
This Standard specifies limits for emission and immunity and provides performance criteria for signalling and telecommunications (S&T) apparatus which may interfere with other apparatus in the railway environment, or increase the total emissions for the railway environment beyond the limits defined in the appropriate standard, and so risk causing Electro-magnetic Interference (EMI) to apparatus outside the railway system

EVS-EN 50121-5:2002
Hind 146,00
Identne EN 50121-5:2000
Railway applications - Electromagnetic compatibility - Part 5: Emission and immunity of fixed power supply installations and apparatus
This standard applies to emission and immunity aspects of EMC for electrical and electronic apparatus and components intended for use in railway fixed installations associated with power supply. This includes the power feed to the apparatus, the apparatus itself with its protective control circuits, conductors at railway system voltage but not carrying current (e.g. overhead contact lines), trackside items such as, switching stations, power autotransformers, bootster transformers, substation power switchgear and power switchgear to other longitudinal and local supplies

EVS-EN 50124-1:2002
Hind 179,00
Identne EN 50124-1:2001
Railway applications - Insulation coordination Part 1: Basic requirements - Clearances and creepage distances for all electrical and electronic equipment
The whole document deals with insulation coordination in railways. It applies to equipment for use in signalling, rolling stock and fixed installations up to 2000 m above sea level

EVS-EN 50124-2:2002
Hind 83,00
Identne EN 50124-2:2001
Railway applications - Insulation coordination Part 2: Overvoltages and related protection
This prEN 50124-2 applies to: - Fixed installations (downstream the secondary of the substation transformer) and rolling stock equipment linked to the contact line of one of the systems defined in EN 50163; - Rolling stock equipment linked to a train line. This prEN 50124-2 gives simulation and/or test requirements for protection against transient overvoltages of such equipment. Long-term overvoltages are not treated in this document

EVS-EN 50125-1:2002
Hind 109,00
Identne EN 50125-1:1999
Railway applications - Environmental conditions for equipment - Part 1: Equipment on board rolling stock
This standard takes into account environmental conditions within Europe. It can also be applied elsewhere by agreement. The scope of this standard covers the use of on board electrical and electronic equipment for rolling stock, with the following parameters: Altitude, Temperature, Humidity, Air movement, Rain, Snow and Hail, Ice, Solar radiation, Lightning, Pollution, Vibrations and Shocks, Electromagnetic interference environment, Acoustic noise environment, Supply System characteristics

EVS-EN 50121-3-1:2002
Hind 101,00
Identne EN 50121-3-1:2002
Railway applications - Electromagnetic compatibility - Part 3-1: Rolling stock; Train and complete vehicle
This European Standard specifies the emission and immunity requirements for all types of rolling stock. It covers traction stock and trainsets as well as independent hauled stock (for individual definitions see clause 4). The frequency range considered is from DC to 400 GHz. At present, testing is not defined for frequencies above 1 GHz

EVS-EN 50121-3-2:2002
Hind 109,00
Identne EN 50121-3-2:2002
Railway applications - Electromagnetic compatibility - Part 3-2: Rolling stock; Apparatus

This Standard applies to emission and immunity aspects of EMC for electrical and electronic apparatus intended for use on railway rolling stock. The frequency range considered is from DC to 400 GHz. At present, testing is not defined for frequencies above 1 GHz. The application of tests shall depend on the particular apparatus, its configuration, its ports, its technology and its operating conditions

KAVANDITE ARVAMUSKÜSITLUS

prEVS 25858
Tähtaeg: 2002-11-01
Identne IEC 60310:1991
ja identne EN 60310:1996
Railway applications - Traction transformers and inductors on rolling stock
This European Standard EN 60310 applies to traction transformer installed on board rolling stock and to the various type of inductors inserted in the power and auxiliary circuits of electric vehicles. The term "inductor" is used in the Standard with the same meaning as the term "reactor" mentioned in IEC Publications 50(421), 50(811) and 289 (EN 60289) and is considered equivalent.

31.020 Elektroonikaseadiste üldküsimused

Electronic components in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 25547
Tähtaeg: 2002-11-01
Identne EN 100114-1:1996
Rule of Procedure - Quality Assessment Procedures - Part 1: CECC requirements for the approval of an organization
This section is intended for use by manufactureres, distributors and specialist contractors operating in the field of electronic components, who wish to obtain quality system approval for an organization under the CECC System. This RP shall prevail in cases of apparent conflict.
prEVS 27968
Tähtaeg: 2002-11-01
Identne EN 100114-6:1996+A1:1999
Rule of procedure 14: Quality assessment procedures - Part 6: Technology approval of electronic component manufacturers
Technology approval is a method of approving a complete technological process (design, process realization, product manufacture, test and shipment) covering the qualification aspects common to all products as determined by the technology under consideration. This method has evolved to meet the needs of users and manufacturers and incorporates many of the latest principles and technicques in the management of quality i.e. TQM.
prEVS 36222
Tähtaeg: 2002-11-01
Identne EN 160200-2:1997
Sectional specification: Microwave modular electronic units of assessed quality - Part 2: Index of test methods
This part 2 of the Sections Specification EN 160200 defines standard/reference test methods for electrical, mechanical and visual inspection as prescribed in Part 1 of the Sectional Specification EN 160200 and blank detail specification EN 160201 for microwave modular electronic units (MMEUs).
prEVS 37506
Tähtaeg: 2002-12-01
Identne IEC 60938-2:1999
ja identne EN 60938-2:1999
Fixed inductors for electromagnetic interference suppression - Part 2: Sectional specification
This standard applies to fixed inductors designed for electromagnetic interference suppression and which fall within the scope of the Generic specification, IEC 60938-1. It is restricted to fixed inductors for which electrical shock hazard protection tests are appropriate. This implies that inductors specified according to this specification will either be connected to mains supplies, when compliance with the mandatory tests of table 1 is necessary, or used in other circuit positions where the equipment specification prescribes that some or all of these electrical shock hazard protection tests are required.
prEVS 37507
Tähtaeg: 2002-12-01
Identne IEC 60938-2-1:1999
ja identne EN 60938-2-1:1999
Fixed inductors for electromagnetic interference suppression - Part 2-1: Blank detail specification: Inductors for which safety tests are required. Assessment level D
A blank detail specification is a supplementary document to the Sectional specification and contains requirments for style, layout and minimum content of detail specification.Detail specifications not complying with these requirements may not be considered as being in accordance with IEC specifications nor shall they so be described. In the preparation of detail specifications the content of 1.4 of the sectional specification shall be taken into account.
prEVS 37513
Tähtaeg: 2002-12-01
Identne IEC 60938-1:1999
ja identne EN 60938-1:1999
Fixed inductors for electromagnetic interference suppression - Part 1: Generic specification
This standard applies to inductors designed for electomagnetic interference suppression intended for use within, or associated with, electronic or electrical equipment and machines. It is restricted to inductors, for which electrical shock hazard protection tests are appropriate. The combination of two or more inductors within one enclosure is also included. Inductors within the scope of this standard may also be used to protect apparatus and machines from electrical noise and voltage or current transients coming from either the supply or from other parts of the apparatus. The standard does not necessarily apply in its entirety to inductors intended for use on motor vehicles, in aircraft or for marine applications.
prEVS 54015
Tähtaeg: 2002-12-01
Identne IEC 60938-2-2:1999
ja identne EN 60938-2-2:1999
Fixed inductors for electromagnetic interference suppression - Part 2-2: Blank detail specification - Inductors for which safety tests are required (only)

Forms the basis for a uniform procedure for a common mark. It implements the approval schedule for safety tests only in IEC 60938-2, requires a declaration of design for parameters relevant ot safety tests and prescribes conformance tests to be conducted on every lot prior to its release and re-qualification tests depending on changes of the design. May be more appropriate for components manufactured in mass production, whereas this specification may be necessary in those cases where approval and re-qualification tests contribute considerably to the costs of the product.

31.040.10 Püsitakistid

Fixed resistors

KAVANDITE ARVAMUSKÜSITLUS

prEVS 26734
Tähtaeg: 2002-11-01
Identne EN 140401:2002
Blank Detail Specification - Fixed low power non wire-wound surface mount (SMD) resistors
A blank detail specification is a supplementary document to the sectional specification and contains requirements for style and layout and minimum content of detail specifications. Detail specifications not complying with these requirements shall not be considered as being in accordance with European standards nor shall they be so described.
prEVS 26735
Tähtaeg: 2002-11-01
Identne EN 140400:1996+A1:2001
Sectional specification: Fixed low power surface mounting (SMD) resistors
This sectional specification prescribes the preferred values for characteristics and ratings and also the inspection requirements for fixed surface resistors of assessed quality. These resistors generally have metallised connecting pads and are intended to be mounted directly on to substrates, for example hybrid integrated circuits or printed boards. It selects from the generic specification, EN 140 000, the appropriate methods of test to be used in detail specifications derived from this specification.
prEVS 30818
Tähtaeg: 2002-11-01
Identne EN 140402:1998
Blank Detail Specification: Fixed low power wire wound surface mounting (SMD) resistors
The first page of the Detail Specification should have the layout recommended on page 3. The numbers in square brackets correspond to the indications to be completed hereunder.
prEVS 36182
Tähtaeg: 2002-11-01
Identne EN 140200:1996+A1:2001
Sectional Specification: Fixed power resistors
This sectional specification prescribes the preferred values for characteristics and ratings and also the inspection requirements for fixed surface mounting resistors of assessed quality having a rated dissipation up to 1 000 W. It selects from the generic specification, EN 140000, the appropriate methods of test to be used in detail specifications derived from this specification.
prEVS 36291
Tähtaeg: 2002-11-01
Identne EN 140100:1996+A1:2001
Sectional specification: Fixed low power non-wire wound resistors
This sectional specification prescribes the preferred values for characteristics and ratings and also the inspection requirements for fixed low power non-wire wound resistors of assessed quality. It selects from the generic specification, EN 140000, the appropriate methods of test to be used in detail specifications derived from this specification.
prEVS 53875
Tähtaeg: 2002-11-01
Identne EN 140101:1996
Blank detail specification: Fixed low power non-wire wound resistors (Assessment level S)
The numbers between square brackets on the first page correspond to the following indications which should be given.
prEVS 53876
Tähtaeg: 2002-11-01
Identne EN 140201:1996
Blank detail specification: Fixed power resistors (Assessment level S)
The numbers between square brackets on the first page correspond to the following indications which should be given.
prEVS 53877
Tähtaeg: 2002-11-01
Identne EN 140202:1996
Blank detail specification: Fixed power resistors (Assessment level M)
The numbers between square brackets on the first page correspond to the following indications which should be given.
prEVS 53878
Tähtaeg: 2002-11-01
Identne EN 140203:1996
Blank detail specification: Fixed power resistors (Assessment level H)
The numbers between square brackets on the first page correspond to the following indications which should be given.
prEVS 53879
Tähtaeg: 2002-11-01
Identne EN 140210:1994+corr:1994
Sectional specification: Fixed power resistors - Capability approval
This specification applies to foxed power resistors with related dissipation not less than 2 W, primarily intended for applications in electronic equipment. These resistors may be either manufactured to customers' requirements or manufacturers' standard catalogue items.
prEVS 53880
Tähtaeg: 2002-11-01
Identne EN 140211:1994
Blank detail specification: Fixed power resistors - Capability approval
The numbers between square brackets correspond to the following indications, all of which should be given in a manufacturer's detail specification for standard catalogue items; only those indicated by an asterisk (*) are required in a detail specification not intended for registration.

31.040.30 Termistorid

Thermistors

KAVANDITE ARVAMUSKÜSITLUS

prEVS 34307
Tähtaeg: 2002-11-01
Identne IEC 60738-1:1998

ja identne EN 60738-1:1999
Thermistors - directly heated positive step-function temperature coefficient. Part 1: Generic specification
This standard prescribes terms and methods of test for positive step-function temperature coefficient thermistors, insulated and non-insulated types, typically made from ferro-electric semi-conductor materials.
prEVS 38174
Tähtaeg: 2002-11-01
Identne IEC 60738-1-2:1998
ja identne EN 60738-1-2:1999
Thermistors - Directly heated positive step-function temperature coefficient - Part 1-2: Blank detail specification - Heating element application - Assessment level EZ
Supplementary document to the generic specification, contains requirements for style and layout and minimum content of detail specifications.

31.060.01 Kondensaatorid üldiselt

Capasitors in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53950
Tähtaeg: 2002-11-01
Identne EN 132421:1997
Blank detail specification: Fixed capacitors for electromagnetic interference suppression - Capacitors for which safety tests are required (Safety tests only)
This blank detail specification forms the basis for a uniform procedure for a common European Safety Mark. It implements the approval schedule for safety test in EN 132400, requires a declaration of design for parameters relevant to safety and prescribes conformance tests to be conducted on every lot prior to its release and requalification tests depending on changes of the declared design.

31.060.10 Püsikondensaatorid

Fixed capacitors

KAVANDITE ARVAMUSKÜSITLUS

prEVS 29199
Tähtaeg: 2002-11-01
Identne EN 132400:1994+A2,A3,A4:2001
Sectional Specification: Fixed capacitors for electromagnetic interference suppression and connection to the supply mains (Assessment level D)
This specification applies to fixed capasitors and resistor-capasitor combinations for electromagnetic inteference suppression (formerly called radio inteference suppression) for use within, or associated with, electronic or electrical apparatus and machines where the capacitors will be connected to a mains supply with a voltage not exceeding 500 V d.c. or 500 V a.c. (r.m.s.) between conductors or 250 V d.c. or 250 V a.c. (r.m.s.) between any one conductor and earth and with a freguency not exceeding 100 Hz.
prEVS 53949
Tähtaeg: 2002-11-01
Identne EN 132401:1994
Blank detail specification: Fixed capacitors for electromagnetic interference suppression and connection to the supply mains (Assessment level D)
A blank detail specification is a supplementary document to the sectional specification and contains requirements for style and layout and minimum content of detail specifications. In the preparation of detail specifications the content of 1.4 of the sectional specification shall be taken into account.

31.060.20 Keraamilised ja vilkkondensaatorid

Ceramics and mica capacitors

KAVANDITE ARVAMUSKÜSITLUS

prEVS 27099
Tähtaeg: 2002-11-01
Identne EN 132101:1996
Blandk Detail Specification: Fixed multilayer ceramic surface mounting capacitors - Assessment level EZ
This specification applies to fixed unencapsulated multilayer surface mounting capacitors of ceramic dielectric Class 1 and Class 2 with rated voltage normally not exceeding 200 V. These capacitors generally have terminations consisting of metallized connecting pads or solderable strips and are intended to be mounted directly onto substrates for hybrid circuits or onto printed boards.
Detailspecification.
prEVS 33407
Tähtaeg: 2002-11-01
Identne EN 132100:1996
Sectional Specification: Fixed multilayer ceramic surface mounting capacitors. Assessment levels EZ and DZ
This specification applies to fixed unencapsulated multilayer surface mounting capacitors of ceramic dielectric Class 1 and Class2 with rated voltage normally not exceeding 200 V. These capacitors generally have terminations consisting of metallized connecting pads or solderable strips and are intended to be mounted directly onto substrates for hybrid circuits or onto printed boards.
prEVS 53928
Tähtaeg: 2002-11-01
Identne EN 132102:1996
Blank detail specification: Fixed multilayer ceramic surface mounting capacitors - Assessment level DZ
The numbers in square brackets correspond to the following information which shall be inserted at the position indicated.

31.060.30 Paber- ja polümeerkondensaatorid

Paper and plastics capacitors

KAVANDITE ARVAMUSKÜSITLUS

prEVS 36188
Tähtaeg: 2002-11-01
Identne EN 131800:1997
Sectional Specification: Fixed polypropylene film dielectric metal foil d.c. capacitors
This European Standard specifies requirements for fixed capacitors for direct current, using as dielectric a polypropylene film and electrodes of thin metal foils. The capacitors covered by this specification are intended for use in electronic equipment.
prEVS 36190
Tähtaeg: 2002-11-01
Identne EN 131801:1997

Blank Detail Specifikation: Fixed polypropylene film dielectric metal foil d.c. capacitors - Assessment level E
This European Standard specifies requirements for fixed capacitors for direct current, using as dielectric a polypropylene film and electrodes of thin metal foils. The capacitors covered by this specification are intended for use in electronic equipment.
prEVS 36191
Tähtaeg: 2002-11-01
Identne EN 131802:1997

Blank Detail Specification: Fixed polypropylene film dielectric metal foil d.c. capacitors - Assessment level EZ
This European Standard specifies requirements for fixed capacitors for direct current, using as dielectric a polypropylene film and electrodes of thin metal foils. The capacitors covered by this specification are intended for use in electronic equipment.
prEVS 36193
Tähtaeg: 2002-11-01
Identne EN 131700:1997

Sectional Specification: Fixed capacitors for direct current with electrodes of thin metal foils and a polycarbonate film dielectric
This European Standard specifies requirements for fixed capacitors for direct current with electrodes of thin metal foils and a polycarbonate film dielectric. It specifies preferred ratings and characteristics and selects from EN 130000 the appropriate quality assessment procedures, tests and measuring methods and gives general performance requirements for this type of capacitor.
prEVS 36194
Tähtaeg: 2002-11-01
Identne EN 131701:1997

Blank Detail Specification: Fixed capacitors for direct current with electrodes of thin metal foils and a polycarbonate film dielectric - Assessment level E
This European Standard specifies requirements for fixed capacitors for direct current with electrodes of thin metal foils and a polycarbonate film dielectric. It specifies preferred ratings and characteristics and selects from EN 130000 the appropriate quality assessment procedures, tests and measuring methods and gives general performance requirements for this type of capacitor.
prEVS 36195
Tähtaeg: 2002-11-01
Identne EN 131702:1997

Blank Detail Specification: Fixed capacitors for direct current with electrodes of thin metal foils and a polycarbonate film dielectric - Assessment level EZ
This European Standard specifies requirements for fixed capacitors for direct current with electrodes of thin metal foils and a polycarbonate film dielectric. It specifies preferred ratings and characteristics and selects from EN 130000 the appropriate quality assessment procedures, tests and measuring methods and gives general performance requirements for this type of capacitor.
prEVS 36298
Tähtaeg: 2002-11-01
Identne EN 130900:1997

Sectional Specification: Fixed polystyrene film dielectric metal foil d.c. capacitors
This European Standard specifies requirements for fixed capacitors for direct current, for rated voltages not exceeding 6300 V, with electrodes of thin metal foils and a polystyrene film dielectric. They are intended for use in electronic equipment.
prEVS 36299
Tähtaeg: 2002-11-01
Identne EN 130901:1997

Blank Detail Specification: Fixed polystyrene film dielectric metal foil d.c. capacitors - Assessment level E
This European Standard specifies requirements for fixed capacitors for direct current, for rated voltages not exceeding 6300 V, with electrodes of thin metal foils and a polystyrene film dielectric. They are intended for use in electronic equipment.
prEVS 36300
Tähtaeg: 2002-11-01
Identne EN 130902:1997

Blank Detail Specification: Fixed polystyrene film dielectric metal foil d.c. capacitors - Assessment level EZ
This European Standard specifies requirements for fixed capacitors for direct current, for rated voltages not exceeding 6300 V, with electrodes of thin metal foils and a polystyrene film dielectric. They are intended for use in electronic equipment.
prEVS 40110
Tähtaeg: 2002-11-01
Identne EN 130501:1998

Blank Detail Specification: Fixed metallized polycarbonate film dielectric capacitors for direct current. Assessment level E
Blank detail specification.
prEVS 40112
Tähtaeg: 2002-11-01
Identne EN 130502:1998

Blank Detail Specification: Fixed metallized polycarbonate film dielectric capacitors for direct current. Assessment level EZ
Blank detail specification.
prEVS 40118
Tähtaeg: 2002-11-01
Identne EN 130500:1998

Sectional Specification: Fixed metallized polycarbonate film dielectric capacitors for direct current
This European Standard specifies requirements for fixed capacitors for direct current, with metallized electrodes and polycarbonate dielectric for use in electronic equipment. These capacitors may have "self-healing properties" depending on conditions of use. They are primarily intended for applications where the a.c. component is small with respect to the rated voltage. Two performance grades of capacitors are covered, grade 1 for long-life application and grade 2 for general application. It specifies preferred ratings and characteristics and selects from EN 130000 the appropriate quality assessment procedures, test and measuring methods and gives general performance requirements for this type of capacitor. Capacitors for direct connection to the supply mains to provide radio interference suppression are not included.
prEVS 53951
Tähtaeg: 2002-11-01
Identne EN 130100:1997

Sectional specification: Fixed polyethylene-terephtalate film dielectric metal foil capacitors for direct current
This European Standard specifies requirements for fixed capacitors for direct current, with electrodes of thin metal foils and a polyethylene-terephthalate film dielectric.

prEVS 53952
Tähtaeg: 2002-11-01
Identne EN 130101:1997
Blank detail specification: Fixed polyethylene-terephtalate film dielectric metal foil capacitors for direct current; Assessment level E
Blank detail specification.
prEVS 53953
Tähtaeg: 2002-11-01
Identne EN 130102:1997
Blank detail specification: Fixed polyethylene-terephtalate film dielectric metal foil capacitors for direct current; Assessment level EZ
Blank detail specification.

31.060.40 Elektrolüütilised tantaalkondensaatorid

Tantalum electrolytic capacitors

KAVANDITE ARVAMUSKÜSITLUS

prEVS 40097
Tähtaeg: 2002-11-01
Identne EN 130201:1993+A2:1998
Blank Detail Specification: Fixed Tantalum Capacitors with Solid Electrolyte, Porous Anode (SUB-FAMILY 3)
The first page of the detail specification should have the layout recommended on page 4 of this blank detail specification. The numbers in square brackets correspond to the following information which shall be inserted at the position indicated.
prEVS 40117
Tähtaeg: 2002-11-01
Identne EN 130202:1998
Blank Detail Specifiation: Fixed tantalum capacitors with non-solid electrolyte, porous anode (sub-family 2)
Blank detail specification.
prEVS 40138
Tähtaeg: 2002-11-01
Identne EN 130200:1993+A3:1998
Sectional Specification: Fixed tantalum capacitors with non-solid or solid electrolyte
This specification applies to polar and bipolar tantalum electrolytic capacitors with solid or non-solid electrolyte. It comprises capacitors for long-life applications and capacitors for general-purpose applications. Capacitors for special purpose application may need additional requirements. Surface mounting styled capacitors are not covered.

31.060.50 Elektrolüütilised alumiiniumkondensaatorid

Aluminium electrolytic capacitors

KAVANDITE ARVAMUSKÜSITLUS

prEVS 40120
Tähtaeg: 2002-11-01
Identne EN 130300:1998
Sectional Specification: Aluminium electrolytic capacitors with solid and non-solid electrolyte
This specification applies to aluminium electrolytic capacitors with solid or non-solid electrolyte primarily intended for d.c. applications for use in electronic equipment. SMD capacitors are not covered. The object of this specification is to prescribe preferred ratings and characteristics and to select from the generic specification EN 130000 the appropriate quality assessment procedures, test and measuring methods and to give general performance requirements for this type of capacitor.

31.060.70 Jõukondensaatorid

Power capacitors

KAVANDITE ARVAMUSKÜSITLUS

prEVS 35277
Tähtaeg: 2002-11-01
Identne IEC 60143-3:1998
ja identne EN 60143-3:1998
Series capacitors for power systems - Part 3: Internal fuses
This part of IEC 60143 concerns internal fuses designed to isolate faulty capacitor elements, to allow operation of the remaining parts of that capacitor unit and the bank in which the capacitor units is connected. Such fuses are not a substitute for a switching device such as a circuitbreaker, or for external protection of the capacitor bank, or any part thereof.

31.080 Pooljuhtseadised

Semi-conductor devices

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53938
Tähtaeg: 2002-11-01
Identne IEC 60191-4:1999+A1:2001
ja identne EN 60191-4:1999+A1:2002
Mechanical standardization of semiconductor devices - Part 4: Coding system and classification into forms of package outlines for semiconductor device packages
Describes a method for the designation and the classification into forms of package outlines for semiconductor devices. Provides a systematic method for generating universal descriptive designators for semiconductor packages.

31.080.00 Pooljuhtseadised

Semi-conductor devices. General

KAVANDITE ARVAMUSKÜSITLUS

prEVS 24839
Tähtaeg: 2002-11-01
Identne EN 153000:1998
Generic specification: Discrete pressure contact power semiconductor devices (Qualification approval)
This document applies to discrete pressure contact power semiconductor devices namely rectifier diodes, transistors and their derivatives. The requirements also cover encapsulated assemblies. The document does not apply to stact or assemblies made with these encapsulated components.

31.080.01
Pooljuhtseadised üldiselt

Semiconductor devices in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53937
Tähtaeg: 2002-11-01
Identne IEC 60191-3:1999
ja identne EN 60191-3:1999
Mechanical standardization of semiconductor devices - Part 3: General rules for the preparation of outline drawings of integrated circuits
Gives guidance on the preparation of drawings of integrated circuits outlines.

31.080.99
Muud pooljuhtseadised

Other semiconductor devices

KAVANDITE ARVAMUSKÜSITLUS

prEVS 37188
Tähtaeg: 2002-11-01
Identne IEC 60146-2:1999
ja identne EN 60146-2:2000
Semiconductor converters - Part 2: Self-commutated semiconductor converters including direct d.c. converters
This standard applies to all types of electronic power converters of the self-commutated type including power converters which contain at least one part of a self-commutated type, e.g. AC converters, indirect DC converters, direct DC converters.

31.120
Elektronnäidikud

Electronic display devices

UUED STANDARDID

EVS-EN 61966-5:2002
Hind 247,00
Identne IEC 61966-5:2000
ja identne EN 61966-5:2001
Multimedia systems and equipment - Colour measurement and management - Part 5: Equipment using plasma display panels
Gives methods and parameters for colour measurements and management applicable to the assessment of colour production and reproduction for plasma display panels (PDP). Allows objective performance assessment and characterization. Defines test signals, measurement conditions, methods of measurement and reporting of measured data.

31.140
Piesoelektrilised seadised

Piezoelectric and dielectric devices

KAVANDITE ARVAMUSKÜSITLUS

prEVS 29424
Tähtaeg: 2002-11-01
Identne IEC 60679-4:1997
ja identne EN 60679-4:1998
Quartz crystal controlled oscillators of assessed quality - Part 4: Sectional specification - Capability approval
This sectional specification applies to quartz crystal controlled oscillators as custom built products or as standard catalogue items and whose quality is assessed on the basis of capability approval.
prEVS 29601
Tähtaeg: 2002-11-01
Identne IEC 60679-1:1997+A1:2002
ja identne EN 60679-1:1998+A1:2002
Quartz crystal controlled oscillators of assessed quality - Part 1: Generic specification
This standard applies to quartz crystal controlled oscillators intended for use in electronic applications and which are commercially available as separate and independent units. It should be used in conjunction with IEC Publication 68: Basic Environmental Testing Procedures.
prEVS 29700
Tähtaeg: 2002-11-01
Identne IEC 60679-4-1:1998
ja identne EN 60679-4-1:1998
Quartz crystal controlled oscillators of assessed quality - Part 4- 1: Blank detail specification - Capability approval
This sectional specification applies to quartz crystal controlled oscillators as custom built products or as standard catalogue items and whose quality is assessed on the basis of capability approval.
prEVS 29771
Tähtaeg: 2002-11-01
Identne IEC 60679-5:1998
ja identne EN 60679-5:1998
Quartz crystal controlled oscillators of assessed quality - Part 5: Sectional specification - Qualification approval
This sectional specification applies to quartz crystal controlled oscillators whose quality is assessed on the basis of capability approval. It prescribes the preferred ratings and characteristics with appropriate tests and measuring methods contained in the generic specifcation IEC 60679-1, and gives the general performance requirements to be used in detail specifications for quartz crystal controlled oscillators.
prEVS 29772
Tähtaeg: 2002-11-01
Identne IEC 60679-5-1:1998
ja identne EN 60679-5-1:1998
Quartz crystal controlled oscillators of assessed quality - Part 5- 1: Blank detail specification - Qualification approval
This sectional specification applies to quartz crystal controlled oscillators whose quality is assessed on the basis of capability approval. It prescribes the preferred ratings and characteristics with appropriate tests and measuring methods contained in the generic specifcation IEC 60679-1, and gives the general performance requirements to be used in detail specifications for quartz crystal controlled oscillators.
prEVS 53778
Tähtaeg: 2002-11-01
Identne EN 170100:2001
Sectional specification: Waveguide type dielectric resonators
This sectional specification applies to waveguide type dielectric resonators as custom built products or as standard catalogue items whose quality is assessed on the basis of capability approval.
prEVS 53779
Tähtaeg: 2002-11-01
Identne EN 171000:2001

Generic specification: Filters using waveguide type dielectric resonators
This Generic Specification applies to filters using waveguide type dielectric resonators of assessed quality using either capability approval or qualification approval procedures. It also lists the test and measurement procedures which may be selected for use in Detail Specifications for such filters.
prEVS 53886
Tähtaeg: 2002-11-01
Identne EN 168100:1993+A1,A2:1993
Sectional specification: quartz crystal units (capability approval) (includes amendments A1 and A2:1993)
This sectional specification applies to quartz crystal units manufactured as custom built products or as standard catalogue items and whose quality is assessed on the basis of capability approval.

31.160 Elektrifiltrid

Electric filters

KAVANDITE ARVAMUSKÜSITLUS

prEVS 33150
Tähtaeg: 2002-11-01
Identne EN 166100:1998
Sectional Specification: Surface acoustic wave (SAW) filters
This sectional specification applies to surface acoustic wave (SAW) filters as custom built products or as standard catalogue items whose quality is assessed on the basis of capability approval. It prescribes the preferred ratings and characteristics, with the appropriate tests and measuring methods contained in the generic specification EN 166 000, and gives the general performance requirements to be used in detail specifications for surface acoustic wave (SAW) filters.
prEVS 33374
Tähtaeg: 2002-11-01
Identne EN 133000:1997
Generic Specification: Passive filter units for electromagnetic interference suppression
This standard relates to passive filter units for electomagnetic interference suppression for use within, or associated with, electronic or electrical equipment and machines. Both sigle- and multi-channel filters within one enclosure are included within the scope of this specification.
prEVS 36671
Tähtaeg: 2002-11-01
Identne EN 133200:1999
Sectional Specification: Passive filter units for electromagnetic interference suppression (Filters for which safety tests are required)
This specification applies to passive filter units for electromagnetic interference suppression which fall within the scope of the Generic Specification EN 133 000. The scope of this specification is restricted to passive filter units for which safety tests are appropriate. This implies that filters specified according to this specification will either be connected to mains supplies, when compliance with the mandatory tests of Table 2 is necessary, or used in other circuit positions where the equipment specification prescribes that some or all of these safety tests are required.
prEVS 36678
Tähtaeg: 2002-11-01
Identne EN 133201:1998
Blank Detail Specification: Passive filter units for electromagnetic interference suppression. Filters for which safety tests are required
The numbes in square brackets correspond to the following indications which should be given.
prEVS 36679
Tähtaeg: 2002-11-01
Identne EN 133221:1998
Blank Detail Specification: Passive filter units for electromagnetic interference suppression - Filters for which safety tests are required (safety tests only)
This blank detail specification forms the basis for a uniform procedure for a common European Safety Mark. It implements the approval schedule for safety test in EN 133200, requires a declaration of design for parameters relevant to safety and prescribes conformance tests to be conducted on every lot prior to its release and requalification tests depending on changes of the declared design.
prEVS 36935
Tähtaeg: 2002-11-01
Identne EN 166101:1999
Blank detail specification: Surface acoustic wave (SAW) filters - Capability approval
A blank detail specification is a supplementary document to the sectional specification and contains requirements for the minimum content of detail specification.
prEVS 40114
Tähtaeg: 2002-11-01
Identne EN 133100:1998
Sectional Specification: Passive filter units for electromagnetic interference suppression. Filter for which safety tests are note required
This specification applies to passive filter units for electromagnetic interference suppression which fall within the scope of the Generic Specification, EN 133000.The scope of this specification is restricted to passive filter units for which safety tests are not appropriate. This implies that filters specified according to this specification will not be connected to mains supplies that such tests are required.
prEVS 40115
Tähtaeg: 2002-11-01
Identne EN 133101:1998
Blank Detail Specification: Passive filter units for electromagnetic interference suppression. Filters for which safety test are not required
Blank detail specification.
prEVS 53779
Tähtaeg: 2002-11-01
Identne EN 171000:2001
Generic specification: Filters using waveguide type dielectric resonators
This Generic Specification applies to filters using waveguide type dielectric resonators of assessed quality using either capability approval or qualification approval procedures. It also lists the test and measurement procedures which may be selected for use in Detail Specifications for such filters.

31.180 Trükklülitused ja -plaadid

Printed circuits and boards

KAVANDITE ARVAMUSKÜSITLUS

prEVS 28887
Tähtaeg: 2002-11-01
Identne EN 160100:1997

Sectional specification: Capability approval of manufacturers of printed board assemblies of assessed quality
This document is a sectional specification relating to printed board assemblies of assessed quality which meet the criteria for a modular electronic unit as defined in the generic specification EN 160 000. It applies to both custom built products and to standard catalogue items and defines the characteristics to be assessed and the test methods to be used for capability approval, for quality conformance inspection (lot-by-lot) and maintenance of approval.
prEVS 29354
Tähtaeg: 2002-11-01
Identne IEC 61188-1-1:1997
ja identne EN 61188-1-1:1997

Printed boards and printed board assemblies - Design and use - Part 1-1: Generic requirements - Flatness considerations for electronic assemblies
This part of IEC 61188 describes those factors which control the flatness of rigid printed boards and their assemblies. The object of this standard is to inform the designer, manufacturer, assembler and user of rigid printed boards and their assemblies about those factors affecting their flatness. This standard incorporates advice regarding: design; base material; unassembled printed boards; printed board assemblies.
prEVS 29357
Tähtaeg: 2002-11-01
Identne IEC 61188-1-2:1998
ja identne EN 61188-1-2:1998

Printed boards and printed board assemblies - Design and use - Part 1-2: Generic requirements - Controlled impedance
This part of IEC 61188 is intended to be used by circuit designers, packaging engineers, printed board manufacturers and procurement personnel so that all may have a common understanding of each area. The aim in packaging is to transfer a signal from one device to one or more other devices through a conductor. High-speed designs are defined as designs in which the interconnecting properties affect circuit performance and require unique considerations.
prEVS 30142
Tähtaeg: 2002-12-01
Identne IEC 62326-4-1:1996
ja identne EN 62326-4-1:1997

Printed boards - Part 4: Rigid multilayer printed boards with interlayer connections - Sectional specification - Section 1: Capability Detail Specification - Performance levels A, B and C
This Capability Detail Specification (Cap DS) is based on IEC 2326-4. It relates to rigid multilayer printed boards with interlayer connections manufactured with materials specificed in 3.1. It specifies the capability qualifying component (CQC), the characteristics to be tested, the test methods and conditions to be applied and the requirements to be fulfilled for testing capability performance level A, B or C.
prEVS 30146
Tähtaeg: 2002-12-01
Identne IEC 62326-1:2002
ja identne EN 62326-1:2002

Printed boards - Part 1: Generic specification
This part of IEC 2326 is a Generic Specification (GS) applying to printed boards within the IEC quality assessment system for electronic components (IECQ). It relates to printed boards irrespective of their method of manufacture, when they are ready for mounting of components. This standard specifies the system and procedure for approval of manufacturers and products, and provides rules for the preparation of specifications for printed boards.
prEVS 30230
Tähtaeg: 2002-12-01
Identne IEC 62326-4:1996
ja identne EN 62326-4:1997

Printed boards - Part 4: Rigid multilayer boards with interlayer connections - Sectional specification
This part of IEC 2326 is applicable to rigid multilayer printed boards irrespective of their method of manufacture. It is the basis on which agreements between manufacturer and user are to be made. This standard provides additional information necessary to supplement the requirements of the Generic Specification, IEC 2326-1, for the printed boards intended to be accepted under the IECQ.
prEVS 33246
Tähtaeg: 2002-11-01
Identne EN 123600:1996

Sectional Specification: Flex-rigid multilayer printed boards with through connections
This document is a Sectioonal Specification relating to flex-rigid multilayer printed boards with through connections irrespective of their method of manufacture, when they are ready for the mounting of the components. It defines the characteristics to be assessed and the test methods to be used for capability approval testing and for quality conformance inspection (lot-by-lot and periodic inspection).
prEVS 33453
Tähtaeg: 2002-11-01
Identne EN 123700:1996

Sectional Specification: Flex-rigid double sided printed boards with through connections
This document is a Sectioonal Specification relating to flex-rigid double sided printed boards with through connections irrespective of their method of manufacture, when they are ready for the mounting of the components. It defines the characteristics to be assessed and the test methods to be used for capability approval testing and for quality conformance inspection (lot-by-lot and periodic inspection).
prEVS 33457
Tähtaeg: 2002-11-01
Identne EN 123800:1996

Sectional Specification: Flexible multilayer printed boards with through connections
This document is a Sectional Specification relating to flexible multilayer printed boards with through connections irrespective of their method of manufacture, when they are ready for the mounting of the components. It defines the characteristics to be assessed and the test methods to be used for capability approval testing and for quality conformance inspection (lot-by-lot and periodic inspection).
prEVS 53715
Tähtaeg: 2002-11-01
Identne IEC 61189-1:1997+ A1:2001
ja identne EN 61189-1:1997+ A1:2001

Test methods for electrical materials, interconnection structures and assemblies - Part 1: General test methods and methodology
This series relates to test methods for printed boards and printed board assemblies, as well as related materials or component robustness, irrespective of their method of manufacture. This part contains test methods for evaluating printed boards and other forms of interconnection structures. The methods are designed to achieve uniformity and reproducibility in the procedures and test methodologies.
prEVS 53929
Tähtaeg: 2002-11-01
Identne IEC 60097:1991
ja identne EN 60097:1993
Grid system for printed circuits
Relates to grid systems for printed circuits to ensure compatibility between the printed circuits and parts to be mounted on them at the intersections of the grid.

31.190 Elektroonikakomponentide koosted

Electronic component assemblies

KAVANDITE ARVAMUSKÜSITLUS

prEVS 32182
Tähtaeg: 2002-11-01
Identne IEC 60068-2-58:1999
ja identne EN 60068-2-58:1999
Environmental testing - Part 2-58: Tests - Test Td: Test methods for solderability, resistance to dissolution of metallisation and to soldering heat of Surface Mounting Devices (SMD)
The standard provides a standard procedure for determining the solderability, resistance to dissolution of metallization and resistance to soldering heat devices (SMD) (hereafter referred to as specimens). The procedure uses a solder bath and is applicable only to specimens of products designed to withstand short-term immersion in molten solder.
prEVS 36226
Tähtaeg: 2002-11-01
Identne EN 160201:1997
Blank detail specification: Microwave modular electronic units of assessed quality - Capability Approval
The document defines the requirements for a blank detail specification (BDS) and includes, as examples, formats for Customer's Detail Specification (CDS) and detail specification for Standard Catalogues Items.
prEVS 36231
Tähtaeg: 2002-11-01
Identne EN 160200-1:1997
Sectional Specification: Microwave modular electronic units of assessed quality - Part 1: Capability approval procedure
This CECC sectional specification in conjunction with the generic specification EN 160000 describes a system for capability approval of manufactureres of microwave modular electronic units (mmeu's) which are not covered by other CECC specifications.
prEVS 37581
Tähtaeg: 2002-11-01
Identne EN 160101:1998
Blank detail specification: Printed board assembly modular electronic units of assessed quality. Capability approval
This blank detail specification is a supplementary document to sectional specification EN 160100 and contains requirements for style,layout and minimum content of detail specifications.
prEVS 53853
Tähtaeg: 2002-11-01
Identne IEC 60068-2-77:1999
ja identne EN 60068-2-77:1999
Environmental testing - Part 2-77: Tests - Test 77: Body strength and impact shock
Provides test methods applicable to surface mounting devices made of glass or sintered materials such as capacitors, resistors and inductors incorporating ferrites. Two test methods exist: body strength and impact shock. The object of both tests is to evaluate the mechanical stresses applied to SMDs during and after mounting; these tests look at different mechanical stresses.

31.200 Integraallülitused. Mikroelektroonika

Integrated circuits. Microelectronics

KAVANDITE ARVAMUSKÜSITLUS

prEVS 23875
Tähtaeg: 2002-11-01
Identne EN 165000-1:1996
Film and hybrid integrated circuits - Part 1: Generic specification - Capability approval procedure
This specification prescribes the quality assessment procedures and methods of tests to be used in the assessment of film and hybrid integrated circuits intended for use in electronic equipment, under the capability approval procedure. It also applies to part completed devices supplied to customers for subsequent processing. It should be read in conjunction with EN 165000-2, -3 and -4.
prEVS 32612
Tähtaeg: 2002-11-01
Identne EN 165000-5:1997
Film and hybrid integrated circuits - Part 5: Procedure for qualification approval
This specification applies to film and hybrid integrated circuits manufactured as catalogue products or as custom built products using thick/thin film techniques and whose quality is assessed on the basis of Qualification Approval.
prEVS 33099
Tähtaeg: 2002-11-01
Identne EN 165000-2:1996
Film and hybrid integrated circuits - Part 2: Internal visual inspection and special tests
This specification prescribes the quality assessment procedures and methods of tests to be used in the assessment of film and hybrid integrated circuits intended for use in electronic equipment, under the capability approval procedure. It also applies to part completed devices supplied to customers for subsequent processing. It should be read in conjunction with EN 165000-1, -3 and -4.
prEVS 33100
Tähtaeg: 2002-11-01
Identne EN 165000-3:1996

Film and hybrid integrated circuits - Part 3: Self-audit checklist and report for film and hybrid integrated circuit manufacturers
This specification prescribes the quality assessment procedures and methods of tests to be used in the assessment of film and hybrid integrated circuits intended for use in electronic equipment, under the capability approval procedure. It also applies to part completed devices supplied to customers for subsequent processing. It should be read in conjunction with EN 165000-1, -2 and -4.
prEVS 33101
Tähtaeg: 2002-11-01
Identne EN 165000-4:1996
Film and hybrid integrated circuits - Part 4: Customer information, product assessment level schedules and blank detail specification
This specification prescribes the quality assessment procedures and methods of tests to be used in the assessment of film and hybrid integrated circuits intended for use in electronic equipment, under the capability approval procedure. It also applies to part completed devices supplied to customers for subsequent processing. It should be read in conjunction with EN 165000-1, -2 and -3.

31.220.10
Pistikseadised. Liitmikud

Plug-and-socket devices. Connectors

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22268
Tähtaeg: 2002-11-01
Identne IEC 60118-12:1996
ja identne EN 60118-12:1996
Hearing aids - Part 12: Dimensions of electrical connector systems
This International Standard applies to plugs and connector systems for hearing aids and specifies the dimensions and their tolerances essential for ensuring interchangeability.
prEVS 22849
Tähtaeg: 2002-11-01
Identne IEC 61076-4-101:2001
ja identne EN 61076-4-101:2001

Connectors for electronic equipment - Part 4-101: Printed board connectors with assessed quality; Detail specification for two-part connector modules, having a basic grid of 2, 0 mm for printed boards and backplanes in accordance with IEC 60917
This publication also bears the number QC 480301XX0002 which is the specification number in the IEC Quality Assessment System for Electronic Components (IECQ).
prEVS 22856
Tähtaeg: 2002-12-01
Identne IEC 60933-5:1992
ja identne EN 60933-5:1993
Audio, video and audiovisual systems - Interconnections and matching values - Part 5: Y/C connector for video systems - Electrical matching values and description of the connector
Applies to the transfer of video signals between two pieces of equipment in an NTSC, PAL or SECAM high-resolution video system, in the form of a Y-signal, consisting of luminance + blanking + sync, and a C-signal, the same as the modulated chrominance signal of the composite video signal. It specifies the signal levels and impedances at the interface and the type of connector to be used.
prEVS 25776
Tähtaeg: 2002-11-01
Identne EN 175500:1997
Sectional specification: Cable outlet accessories for connectors, including qualification approval and capability approval
This Sectional Specification (SS) is applicable to cable outlet accessories for connectors. It shall be used in conjunction with the relevant Detail Specification (DS). The object of this SS is to establish uniform specifications, type test requirements and quality assessement procedures for cable outlet accessories and to establish rules for the preparation of detail specifications for cable outlet accessories of assessed quality.
prEVS 25843
Tähtaeg: 2002-11-01
Identne IEC 61076-4-104:1999
ja identne EN 61076-4-104:1999

Connectors for use in d.c., low frequency analogue and digital high speed data applications - Part 4-104: Printed board connectors with assessed quality - Detail specification for two-part modular connectors, basic grid of 2,0 mm, with terminations on multiple grid of 0,5 mm
This publication also bears the number QC 480301XX0005 which is the specification number in the IEC Quality Assessment System for Electronic Components (IECQ).
prEVS 26179
Tähtaeg: 2002-11-01
Identne IEC 61076-4-102:1997
ja identne EN 61076-4-102:1997
Connectors with assessed quality, for use in d.c., low-frequency analogue and in digital high speed data applications - Part 4: Printed board connectors - Section 102: Detail specification for two-part single-pole connectors, for multiple uses on plug-in units, with pre-centring, coding and early mating features, having a metric grid in accordance with IEC 60917
This part of IEC 1076 establishes uniform specifications, type testing requirements and quality assessment procedures for a sub-family of connectors for printed board applications. It contains a choice of all test methods and sequences, severities and preferred values for dimensions and characteristics. Detail specification for two-part single-pole connectors, for multiple uses on plug-in units, with pre-centring, coding and early mating features, having a metric grid in accordance with IEC 917.
prEVS 27425
Tähtaeg: 2002-12-01
Identne IEC 60933-4:1994
ja identne EN 60933-4:1994
Audio, video and audiovisual systems - Interconnections and matching values - Part 4: Connector and cordset for domestic digital bus (D2B)
This International Standard deals with the application of a connector and cordset for transmitting domestic digital bus (D2B) control data signals independently from other (audio and video) signals.
prEVS 29214
Tähtaeg: 2002-11-01

Identne IEC 61076-4-001:1996
ja identne EN 61076-4-001:1996
Connectors with assessed quality for use in d.c., low-frequency analogue and in digital high-speed data applications - Part 4: Printed board connectors - Section 001: Blank detail specification
This part of IEC 1076 established uniform specifications, type testing requirements and quality assessement procedures for a sub-family of connectors for printed board applications. It contains a choice of all test methods and sequences, severities and preferred values for dimensions and characteristics. Blank detail specification.
prEVS 29869
Tähtaeg: 2002-11-01
Identne IEC 60130-17:1998
ja identne EN 60130-17:1999
Connectors for frequencies below 3 MHz - Part 17: Detail specification for interconnection devices which permit multi-directional mating, for use with rechargeable batteries
This is a connector detail specification for a battery interconnection system for portable computers, cellular telephones and other electronic devices requiring power not to exceed 50 V d.c. SELV (Safety Extra Low Voltage).
prEVS 30330
Tähtaeg: 2002-11-01
Identne IEC 61076-4-103:1999
ja identne EN 61076-4-103:1999
Connectors for use in d.c. low-frequency analogue and digital high speed data applications - Part 4-103: Printed board connectors with assessed quality - Detail specification for two-part connectors with shielding and a basic grid of 2,5 mm
This document specifies a connector family having a basic grid of 2,5 mm and a mounting pitch of 25 mm (System Unit = SU), which consists of a fixed connector with a modular shielded shroud, where a plurality of shielded free cable connectors may by plugged-in.
prEVS 30657
Tähtaeg: 2002-11-01
Identne IEC 61076-4-100:2001
ja identne EN 61076-4-100:2001
Connectors for electronic equipment - Part 4-100: Printed board connectors with assessed quality; Detail specification for two-part connector modules having a grid of 2, 5 mm for printed boards and backplanes
This specification contains a range of modular two-part connectors having a grid of 2,5 mm for printed boards and backplanes. The connectors cover a variety of multiple modules n x 25 mm, with n=1, 2, 4, 9, 10, in five rows (1 to 475 contacts) with optional coding, shielding and special contacts.
prEVS 30771
Tähtaeg: 2002-11-01
Identne EN 175200:1996
Sectional Specification: Circular connectors
This Sectional Specification is applicable to circular connectors for use in electrical and electronic equipment and systems. It shall be used in conjunction with the basic specification, IEC 512: Electromechanical components for electronic equipment, basic testing procedures and measuring methods, and the relevant Detail Specification.
prEVS 30779
Tähtaeg: 2002-11-01
Identne EN 175300:1996
Sectional Specification: Rectangular connectors for frequencies below 3 MHz
This Sectional Specification is applicable to rectangular connectors particularily designed for use in equipment for telecommunication, electronic data processing and in electronic devices employing similar techniques. Connectors essentially designed for use at frequencies exceeding 3 MHz are not covered. The object of this Sectional Specification is to establish uniform specifications and type test requirements for rectangular connectors and to establish rules for the preparation of Detail Specifications.
prEVS 40225
Tähtaeg: 2002-11-01
Identne EN 175301-801:1999
Detail specification: High density rectangular connectors, round removable crimp contacts
Draft - Detail specification for high-density rectangular connectors, round removable crimp contacts.
prEVS 40226
Tähtaeg: 2002-11-01
Identne EN 175101-809:1999
Detail specification: Two-part connectors for printed boards having a grid of 2,54 mm, short version in compliance with CECC 75 101-801, with assessed quality
Two-part connectors for printed boards having a grid of 2,54 mm, short version in compliance with CECC 75 101-801 Issue 2 (1993), with assessed quality.
prEVS 40227
Tähtaeg: 2002-11-01
Identne EN 175101-802:1999
Detail specification: Two-part connectors for printed boards for high number of contacts with basic grid of 2,54 mm on 3 or 4 rows
Detail specification for two part connectors for printed boards for high number of contacts with basic grid of 2,54 mm (0,1 in) on 3 or 4 rows.
prEVS 40228
Tähtaeg: 2002-11-01
Identne EN 175301-803:1999
Detail specification: Rectangular connectors - Flat contacts, 0, 8 mm thickness, locking screw not detachable
Detail specification for rectangular connectors, flat contacts, 0,8 mm thickness, locking screw not detachable.
prEVS 40229
Tähtaeg: 2002-11-01
Identne EN 175201-804:1999
Detail specification: Circular connectors - Round contacts, size diameter 1, 6 mm, threaded coupling
Detail specification for circular connectors, round contacts, size diameter 1,6 mm, threaded coupling.
prEVS 53911
Tähtaeg: 2002-11-01
Identne EN 122003:1994
Blank detail specification for the preparation of customer detail specifications (CDS) and detail specifications for standard production items with capability approval
Blank detail specification.

31.220.20
Lülitid

Switches

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53781
Tähtaeg: 2002-11-01
Identne EN 196000:1992+A1:2001
Generic specification: electromechanical switches
This generic specification relates to electromechanical switches intended primarily for use in telecommunications equipment and in electronic equipment employing similar techniques. It is limited toswitches with a rated voltage not exceeding 500 V (d.c or a.c. r.m.s.) and a rated carrying current not exceeding 25 A. It specifies the terms, definitions, symbols, test methods and other material necessary to prepare detail specifications for these components in the CECC System.
prEVS 53782
Tähtaeg: 2002-11-01
Identne EN 196500:1993+A1:2001
Sectional specification: membrane switches including blank detail specification EN 196501
This sectional specification applies to membrane switches of assessed quality. It contains detailed instructions for the preparation of detail specifications and describes the capability approval procedures for membrane switches and panels.

31.220.99
Muud osad

Other electromechanical components

KAVANDITE ARVAMUSKÜSITLUS

prEVS 33464
Tähtaeg: 2002-11-01
Identne EN 129100:1993
Sectional specification: Wirewound surface mounting inductors
This specification applies to wire wound fixed rectangular shaped surface mounting (SM) inductors with a magnetic or non-magnetic core for use in electronic equipment. These inductors are intended to be mounted directly onto substrates or boards by their terminations. It presribes preferred ratings and characteristics and selects from CECC 29000 (EN 129000:1993) the appropriate quality assessment procedures and measuring methods and gives general performance requirements for this type of inductor.

31.240
Elektronseadmete mehaanilised osad

Mechanical structures for electronic equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 36915
Tähtaeg: 2002-11-01
Identne IEC 61191-1:1998
ja identne EN 61191-1:1998
Printed board assemblies - Part 1: Generic specification - Requirements for soldered electrical and electronic assemblies using surface mount and related assembly technologies
This specification prescribes requirements for materials, methods and verification criteria for producing quality soldered interconnections and assemblies using surface mounted and related assembly technologies. Also included are recommendations for good manufacturing processes.
prEVS 37059
Tähtaeg: 2002-11-01
Identne IEC 61191-3:1998
ja identne EN 61191-3:1998
Printed board assemblies - Part 3: Sectional specification - Requirements for through-hole mount soldered assemblies
This standard prescribes requirements for lead and hole solder assembly. The requirements pertain to those assemblies that are totally lead and hole, through-hole mounting technology (THT), or the THT portions of those assemblies that include other related technologies (i.e. surface mount, chip mounting, terminal mounting).
prEVS 37134
Tähtaeg: 2002-11-01
Identne IEC 61191-4:1998
ja identne EN 61191-4:1998
Printed board assemblies - Part 4: Sectional specification - Requirements for terminal soldered assemblies
This standard prescribes requirements for terminal soldered assemblies. The requirements pertain to those assemblies that are totally terminal/wire interconnecting structures, or to the terminal/wire portions of those assemblies that include other related technologies (i.e. surface mount, chip mounting, terminal mounting).
prEVS 53720
Tähtaeg: 2002-11-01
Identne IEC 61191-2:1998
ja identne EN 61191-2:1998
Printed board assemblies - Part 2: Sectional specification: Requirements for surface mount soldered assemblies
Prescribes the requirements for surface mounted solder connections. The requirements pertain to those assemblies that are totally surface mounted or to the surface mounted portions of those assemblies that include other related technologies (e.g. through-hole, chip mounting, terminal mounting, etc.).
prEVS 53838
Tähtaeg: 2002-11-01
Identne IEC 60917-2:1992
ja identne EN 60917-2:1994
Modular order for the development of mechanical structures for electronic equipment practices - Part 2: Sectional specification - Interface co-ordination dimensions for the 25 mm equipment practice
Defines a sectional specification for the mechanical structure of a 25 mm equipment practice to provide for dimensional compatibility at mechanical interfaces with related engineering applications. Specifies the co-ordination dimensions and pitches for cabinets, racks, subracks and chassis of all types used for electronic equipment.

31.260
Optoelektroonika. Laserseadmed

Optoelectronics. Laser equipment

UUED STANDARDID

EVS-EN 60825-2:2002
Hind 179,00
Identne IEC 60825-2:2000
ja identne EN 60825-2:2000

Safety of laser products - Part 2: Safety of optical fibre communication systems
Provides requirements and specific guidance for the safe use of optical fibre and/or control communication systems where optical power may be accessible at great distance from the optical source. Does not apply to optical fibre systems primarily designed to transmit optical power for applications such as material processing or medical treatment.

KAVANDITE ARVAMUSKÜSITLUS
prEVS 24292
Tähtaeg: 2002-11-01
Identne IEC 60904-6:1994+A1:1998
ja identne EN 60904-6:1994+A1:1998
Photovoltaic devices - Part 6: Requirements for reference solar modules
This part of IEC 904 gives requirements for the selection, packaging calibration, marking and care of reference solar modules. It is intended to supplement IEC 904-2.
prEVS 53785
Tähtaeg: 2002-11-01
Identne IEC 60747-5-1:1997+A1:2001+A2:2002
ja identne EN 60747-5-1:2001+A1:2002+A2:2002
Discrete semiconductor devices and integrated circuits - Part 5-1: Optoelectronic devices; General
Deals with the terminology relating to the semiconductor optoelectronic devices.
prEVS 53908
Tähtaeg: 2002-11-01
Identne EN 120008:1993
Blank detail specification: light emitting diodes and infrared emitting diodes for fibre optic system or sub-system
Blank detail specification.

33.060.01 Raadioside üldiselt

Radiocommunications in general

KAVANDITE ARVAMUSKÜSITLUS
prEVS 34384
Tähtaeg: 2002-12-01
Identne IEC 60936-2:1998
ja identne EN 60936-2:1999
Maritime navigation and radiocommunication equipment and systems - Radar - Part 2: Shipborne radar for high speed craft (HSC) - Methods of testing and required test results
This International standard specifies the minimum operational and performance requirements, methods of testing and required test results as required by IMO resolution A.820 and Chapter X of the high speed craft (HSC) code. It complies with the requirements of 13.13 of the HSC code and incorporates applicable parts of 13.5 of the HCS code on radar installations. In addition it takes account of IMO resolution A.694 and is associated with IEC 60945. When a requirement in this standard is different from IEC 60945, the requirements in this standard takes precedence.
prEVS 38904
Tähtaeg: 2002-12-01
Identne IEC 60936-1:1999
ja identne EN 60936-1:2000
Maritime navigation and radiocommunication equipment and systems - Radar - Part 1: Shipborne radar - Performance requirements - Methods of test and required test results
This International Standard specifies the minimum performance requirements, methods of testing and required test results for conformance to performance standards not inferior to those required by IMO resolution MSC.64(67), Annex 4, Radar. In addition it takes account of IMO resolution A.694 and is associated with IEC 60945. When a requirements of this standard is different from IEC 60945, the requirement in this standard shall take precedence. This standard does not include the optional performance requirements for superimposition of selected parts of SENC information. These are specified in IEC 60936-3 - Radar with chart facilities.

33.060.20 Vastuvõtu- ja saateseadmed

Receiving and transmitting equipment

KAVANDITE ARVAMUSKÜSITLUS
prEVS 22589
Tähtaeg: 2002-11-01
Identne IEC 61097-1:1992
ja identne EN 61097-1:1993
Global maritime distress and safety system (GMDSS) - Part 1: Radar transponder - Marine search and rescue (SART) - Operational and performance requirements, methods of testing and required test results
Specifies the performance standards and type testing of marine radar transponders used in search and rescue operations at sea (SART), as required by the relevant regulations of the international SOLAS convention. Is associated with IEC 936 and IEC 945.
prEVS 22661
Tähtaeg: 2002-11-01
Identne IEC 61079-5:1993
ja identne EN 61079-5:1993
Methods of measurement on receivers for satellite broadcast transmissions in the 12 GHz band - Part 5: Electrical measurements on decoder units for MAC/Packet systems
This standard defines the conditions and methods of measurement to be applied to MAC/packet decoder units.
prEVS 22663
Tähtaeg: 2002-11-01
Identne IEC 61079-3:1993
ja identne EN 61079-3:1993
Methods of measurements on receivers for satellite broadcast transmissions in the 12 GHz band - Part 3: Electrical measurements of overall performance of receiver systems comprising an outdoor unit and a DBS tuner unit
This standard applies to the conditions and methods of measurement of overall performance of receiver systems comprising an outdoor unit and a DBS tuner unit for direct reception of satellite broadcast transmissions in the 12 GHz band.
prEVS 22664
Tähtaeg: 2002-11-01
Identne IEC 61079-2:1992

ja identne EN 61079-2:1993
Methods of measurement on receivers for satellite broadcast transmission in the 12 GHz band - Part 2: Electrical measurements on DBS tuner units
This standard applies to the conditions and methods of measurement of overall performance of receiver systems comprising an outdoor unit and a DBS tuner unit for direct reception of satellite broadcast transmissions in the 12 GHz band.
prEVS 22665
Tähtaeg: 2002-11-01
Identne IEC 61079-1:1992
ja identne EN 61079-1:1993
Methods of measurement on receivers for satellite broadcast transmissions in the 12 GHz band - Part 1: Radio-frequency measurements on outdoor units
This standard applies to the conditions and methods of measurement of overall performance of receiver systems comprising an outdoor unit and a DBS tuner unit for direct reception of satellite broadcast transmissions in the 12 GHz band.
prEVS 26409
Tähtaeg: 2002-11-01
Identne IEC 60244-14:1997
ja identne EN 60244-14:1997
Methods of measurement for radio transmitters - Part 14: External intermodulation products caused by two or more transmitters using the same or adjacent antennas
This part of IEC 60244 details a measurement method for external intermodulation products (intermodulation components) caused by two or more transmitters using the same or adjacent antennas. It describes recommended methods of assessing the performance of radio broadcast transmitters.
prEVS 36223
Tähtaeg: 2002-11-01
Identne IEC 60244-1:1999
ja identne EN 60244-1:2000
Methods of measurement for radiotransmitters. Part 1: General characteristics for broadcast transmitters
The scope of this standard is to standardise the conditions and methods of measurement to be used to ascertain the performance of a broadcast transmitter and to make possible the comparison of the results of measurements made by different observers.
prEVS 36224
Tähtaeg: 2002-11-01
Identne IEC 60244-15:1999
ja identne EN 60244-15:2000
Methods of measurement for radio transmitters. Part 15: Amplitude modulated transmitters for sound broadcasting
This part of IEC 244 contains the methods of measurement to assess the performance characteristics of amplitude modulated transmitters for sound broadcasting in the LF, MF and HF bands.This standard is intended to be used for type tests and acceptance or factory tests.
prEVS 53940
Tähtaeg: 2002-11-01
Identne IEC 60244-13:1991
ja identne EN 60244-13:1993
Methods of measurement for radio transmitters; part 13: performance characteristics for FM sound broadcasting
Intended to be used for type tests and acceptance or factory tests.
prEVS 53942
Tähtaeg: 2002-11-01
Identne IEC 60244-10:1986
ja identne EN 60244-10:1993
Methods of measurement for radio transmitters; part 10: methods of measurement for television transmitters and transposers employing insertion test signals
Applies to television transmitters and transposers operating in accordance with television systems for monochrome and colour transmission employing 625 or 525 lines as described in CCIR publications. Deals with the application of insertion test signal measurement to television transmitters and transposers. This method of measurement is useful for checking the line time performance of the transmitters or transposers during programme service and provides a convenient method of testing transmission performance stability during acceptance tests. May also be used as an alternative means of carrying out some of the line time measurements described in IEC 60244-5 and 60244-9.
prEVS 53943
Tähtaeg: 2002-11-01
Identne IEC 60244-12-2:1989
ja identne EN 60244-12-2:1993
Methods of measurement for radio transmitters; part 12: guideline for drawing up descriptive leaflets for transmitters and transposers for sound and television broadcasting; specification sheets
Contains the specification sheets described in IEC 60244-12-1.
prEVS 53944
Tähtaeg: 2002-11-01
Identne IEC 60244-12-1:1989
ja identne EN 60244-12-1:1993
Methods of measurement for radio transmitters; part 12: guideline for drawing up descriptive leaflets for transmitters and transposers for sound and television broadcasting; characteristics to be specified
Applies to manufacturers' descriptive leaflets providing information on transmitters and transposers for sound and television broadcasting. Lays down uniform methods of expressing the performance characteristics of transmitters and transposers for sound and television broadcasting. Lists the essential characteristics and technical information needed for the appraisal and comparison of equipment. Provides, where appropriate, cross-references to standardized methods of measurement for the performance characteristics listed.
prEVS 53945
Tähtaeg: 2002-11-01
Identne IEC 60244-11:1989
ja identne EN 60244-11:1993
Methods of measurement for radio transmitters; Part 11: transposers for FM sound broadcasting
Applies to transposers operating in accordance with CCIR Recommendation 450 for FM sound broadcasting at VHF, including stereophony. Also covers requirements for other multiplexed subcarrier services. Lays down detailed methods of measurements, selected and recommended for assessing the essential performance and general characteristics of FM sound broadcasting transposers.
prEVS 53946

Tähtaeg: 2002-11-01
Identne IEC 60244-5:1992
ja identne EN 60244-5:1994
Methods of measurement for radio transmitters - Part 5: Performance characteristics of television transmitters
Intended for type tests and acceptance and factory tests. The performance charactèristics measured in accordance with this standard make it possible to compare the results of measurements made by different observers.
prEVS 53947
Tähtaeg: 2002-11-01
Identne IEC 60244-8:1993
ja identne EN 60244-8:1994
Methods of measurement for radio transmitters - Part 8: Performance characteristics of vestigial-sideband demodulators used for testing television transmitters and transposers
To be used for type tests and acceptance or factory tests or to check the characteristics of a demodulator measuring television transmitters and transposers.
prEVS 53948
Tähtaeg: 2002-11-01
Identne IEC 60244-9:1993
ja identne EN 60244-9:1994
Methods of measurement for radio transmitters - Part 9: Performance characteristics for television transposers
Assesses the perfomance characteristics of television transposers. Enables the comparison of the results of measurements made by different observers.

33.060.30 Raadioreleeliinid ja statsionaarsed satelliitsidesüsteemid

Radio relay and fixed satellite communications systems

KAVANDITE ARVAMUSKÜSITLUS

prEVS 21908
Tähtaeg: 2002-11-01
Identne IEC 60835-2-5:1993
ja identne EN 60835-2-5:1995
Methods of measurement for equipment used in digital microwave radio transmission systems - Part 2: Measurements on terrestrial radio-relay systems - Section 5: Digital signal processing sub-system
Deals with the methods of measurement on a digital radio signal processing sub-system.
prEVS 22791
Tähtaeg: 2002-11-01
Identne IEC 60835-1-2:1992 + A1:1995
ja identne EN 60835-1-2:1993 + A1:1995
Methods of measurement for equipment used in digital microwave radio transmission systems - Part 1: Measurements common to terrestrial radio-relay systems and satellite earth stations - Section 2: Basic characteristics
Deals with the measurement of basic characteristics common to terrestrial radio-relay systems and satellite earth stations. These basic characteristics apply to all of the frequency ranges employed in the radio systems.
prEVS 23107
Tähtaeg: 2002-11-01
Identne IEC 60835-3-1:1990
ja identne EN 60835-3-1:1992
Methods of measurement for equipment used in digital microwave radio transmission systems - Part 3: Measurements on satellite earth stations - Section one: General
Describes measurements for satellite earth stations. Should be used in conjunction with IEC 835-1-1.
prEVS 23110
Tähtaeg: 2002-11-01
Identne IEC 60835-2-10:1992
ja identne EN 60835-2-10:1993
Methods of measurement for equipment used in digital microwave radio transmission systems - Part 2: Measurements on terrestrial radio-relay systems - Section ten: Overall system performance
Deals with measurements to be carried out during factory acceptance tests and type approval tests on a complete simulated digital radio-relay system, following tests on the individual parts of the system.
prEVS 23119
Tähtaeg: 2002-11-01
Identne IEC 60835-2-3:1992
ja identne EN 60835-2-3:1993
Methods of measurement for equipment used in digital microwave radio transmission systems - Part 2: Measurements on terrestrial radio-relay systems - Section 3: RF branching networks
Deals with methods of measurement for branching networks used in digital radio-relay systems.
prEVS 26904
Tähtaeg: 2002-11-01
Identne IEC 60835-1-1:1990
ja identne EN 60835-1-1:1992
Methods of measurement for equipment used in digital microwave radio transmission systems - Part 1: Measurements common to terrestrial radio-relay systems and satellite earth stations - Section 1: General
The conditions of measurement and the methods of measuring the characteristics given in this part of the standard are common to terrestrial radio-relay and satellite earth station systems using digital modulation. These test methods are general and are applicable to systems of all capacities and the tests to be made should be agreed between the parties concerned.
prEVS 26906
Tähtaeg: 2002-11-01
Identne IEC 60835-2-1:1990
ja identne EN 60835-2-1:1992
Methods of measurement for equipment used in digital microwave radio transmission systems - Part 2: Measurements on terrestrial radio-relay systems - Section 1: General
This part of the standard, which is supplementary to Part 1, IEC 835-1-1, describes methods of measurement applicable to terrestrial radio-relay systems using digital modulation.
prEVS 26907
Tähtaeg: 2002-11-01
Identne IEC 60835-2-2:1994
ja identne EN 60835-2-2:1994
Methods of measurement for equipment used in digital microwave radio transmission systems - Part 2: Measurements on terrestrial radio-relay systems - Section 2: Antenna
This section of IEC 835-2 gives methods of measurement of the electrical characteristics of antennas used in terrestrial radio-relay systems at frequencies above 1 GHz.

prEVS 26908
Tähtaeg: 2002-11-01
Identne IEC 60835-2-7:1994
ja identne EN 60835-2-7:1994
Methods of measurement for equipment used in digital microwave radio transmission systems - Part 2: Measurements on terrestrial radio-relay systems - Section 7: Diversity switching and combining equipment
This section of IEC 835-2 deals with measurements for diversity equipment used in digital microwave systems. For the purpose of this section, diversity equipment is assumed to consist of the circuits for switching and/or combining the diversity channels, excluding the channel equipment itself, i.e transmitters, receivers, modulators demodulators, etc. although these may also be involved in the measurements.
prEVS 26912
Tähtaeg: 2002-11-01
Identne IEC 60835-3-5:1994
ja identne EN 60835-3-5:1994
Methods of measurement for equipment used in digital microwave radio transmission systems - Part 3: Measurements on satellite earth stations - Section 5: Up and down converters
This section of IEC 835-3 describes methods of measurement of the electrical characteristics of up-converters and down-converters used in satellite earth station transmitters and receivers with digital modulation.
prEVS 27832
Tähtaeg: 2002-11-01
Identne IEC 60835-3-6:1996
ja identne EN 60835-3-6:1996
Methods of measurement for equipment used in digital microwave radio transmission systems - Part 3: Measurements on satellite earth stations - Section 6: High power amplifiers
This section of IEC 835-3 defines and describes the measurements normally carried out on high-power amplifiers used in satellite earth station transmitters.
prEVS 27915
Tähtaeg: 2002-11-01
Identne IEC 60835-3-14:1996
ja identne EN 60835-3-14:1996
Methods of measurement for equipment used in digital microwave radio transmission systems - Part 3: Measurements on satellite earth stations - Section 14: Earth stations for satellite news gathering (SNG)
This section of IEC 835-3 deals with measurement methods applicable to satellite news gathering (SNG) terminals.
prEVS 27985
Tähtaeg: 2002-11-01
Identne IEC 60835-3-13:1996
ja identne EN 60835-3-13:1996
Methods of measurement for equipment used in digital microwave radio transmission systems - Part 3: Measurements on satellite earth stations - Section 13: VSAT systems
This section of IEC 835-3 deals with measurement methods applicable to very small aperture terminals (VSATs) of data transmit/receive type both in the star network (many VSATs controlled by the hub earth station) and in the point to point network. Some clauses may also be applicable to the receive-only type VSATs. This section does not handle the measurements of the hub earth stations' equipment.
prEVS 28121
Tähtaeg: 2002-11-01
Identne IEC 60315-9:1996
ja identne EN 60315-9:1996
Methods of measurement on radio receivers for various classes of emission - Part 9: Measurement of the characteristics relevant to radio data system (RDS) reception
This part of IEC 315 specifies the conditions, characteristics and methods of measurement to be used to determine the RDS reception characteristics of a sound-broadcasting receiver, so as to make possible the comparison of results of measurements made by different observers. Performance requirements (limit values for the characteristics required for acceptable RDS performance) are not specified. The methods of measurement are conceived for determining the overall performance of the receiver, without attempting to study its functional units separately.
prEVS 28540
Tähtaeg: 2002-11-01
Identne IEC 61108-1:1996
ja identne EN 61108-1:1996
Global navigation satellite systems (GNSS) - Part 1: Global positioning system (GPS) - Receiver equipment - Performance standards, methods of testing and required test results
This International Standard specifies the minimum performance standards, methods of testing and required test results for GPS shipborne receiver equipment, based upon IMO Resolution A.819(19), which uses the signals from the USA, Department of Defense (US DOD), Global Positioning System (GPS) in order to determine position. It is assumed that Selective Availability (SA), as defined in the GPS Standard Positioning Service (SPS) signal specification, is activated.
prEVS 29449
Tähtaeg: 2002-11-01
Identne IEC 60835-2-11:1996
ja identne EN 60835-2-11:1997
Methods of measurement for equipment used in digital microwave radio transmission systems - Part 2: Measurements on terrestrial radio-relay systems - Section 11: Cross-polarization interference canceller
This section of IEC 835-2 deals with measurement for cross-polarization interference cancellers (XPIC) used in digital microwave radio-relay systems.
prEVS 53768
Tähtaeg: 2002-11-01
Identne IEC 60835-3-10:1994
ja identne EN 60835-3-10:1994
Methods of measurement for equipment used in digital microwave radio transmission systems - Part 3: Measurements on satellite earth stations - Section 10: Terminal equipment TDMA traffic earth station
Deals with methods of measurment on Time Division Multiple Access (TDMA) terminal equipment. There are various types of TDMA systems which may differ, for instance, in the bit rate, the frame/burst format, and/or the acquisition and synchronisation scheme. The methods of measurement are described as generally as possible so that they may be applicable to various TDMA terminal equipment used in

many international and regional satellite systems.

33.060.40 Kaabeljaotussüsteemid

Cabled distribution systems

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53456
Tähtaeg: 2002-10-01
Identne EN 50083-7:1996/A1:2000
Cabled distribution systems for television and sound signals - Part 7: System performance
This standard is applicable to any distribution system (including individual receiving systems) having a coaxial cable output and primarily intended for television and sound signals operating between about 30 MHz and 1750 MHz. This standard lays down the basic methods of measurement of the operational characteristics of cabled distribution systems having coaxial cable outputs in order to assess the performance of those systems and their performance limits.

33.100 Elektromagnetiline ühilduvus

Electromagnetic compatibility (EMC)

UUED STANDARDID

EVS-EN 60942:2002
Hind 247,00
Identne IEC 942:1997 + A1:2000
ja identne EN 60942:1998 + A1:2001
Electroacoustics - Sound calibrators
This International Standard specifies the performance requirements for three classes of sound calibrator: class 0, class 1, and class 2 in decreasing order of accuracy under specified conditions. Class 0 calibrators are normally used in the laboratory, whilst classes 1 and 2 are considered as calibrators for field use. Annexes A and B of this International Standard are normative and describe test procedures for sound calibrators. Annex C is informative and contains a Bibliography.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 27839
Tähtaeg: 2002-11-01
Identne IEC 60118-13:1997
ja identne EN 60118-13:1997
Hearing aids - Part 13: Electromagnetic compatibility (EMC)
This International standard covers all relevant EMC-phenomena for hearing aids. It specifies measurement methods and acceptance levels for hearing aid immunity to high frequency electromagnetic fields originating from digital telephone systems as specified in IEC 61000-4-3. Measurement methods for hearing aids with non-acoustic outputs and for hearing aids connected to other equipment by cables are not given in this standard.
prEVS 29199
Tähtaeg: 2002-11-01
Identne EN 132400:1994+A2,A3,A4:2001
Sectional Specification: Fixed capacitors for electromagnetic interference suppression and connection to the supply mains (Assessment level D)
This specification applies to fixed capasitors and resistor-capasitor combinations for electromagnetic inteference suppression (formerly called radio inteference suppression) for use within, or associated with, electronic or electrical apparatus and machines where the capacitors will be connected to a mains supply with a voltage not exceeding 500 V d.c. or 500 V a.c. (r.m.s.) between conductors or 250 V d.c. or 250 V a.c. (r.m.s.) between any one conductor and earth and with a freguency not exceeding 100 Hz.
prEVS 36671
Tähtaeg: 2002-11-01
Identne EN 133200:1999
Sectional Specification: Passive filter units for electromagnetic interference suppression (Filters for which safety tests are required)
This specification applies to passive filter units for electromagnetic interference suppression which fall within the scope of the Generic Specification EN 133 000. The scope of this specification is restricted to passive filter units for which safety tests are appropriate. This implies that filters specified according to this specification will either be connected to mains supplies, when compliance with the mandatory tests of Table 2 is necessary, or used in other circuit positions where the equipment specification prescribes that some or all of these safety tests are required.
prEVS 36678
Tähtaeg: 2002-11-01
Identne EN 133201:1998
Blank Detail Specification: Passive filter units for electromagnetic interference suppression. Filters for which safety tests are required
The numbes in square brackets correspond to the following indications which should be given.
prEVS 36679
Tähtaeg: 2002-11-01
Identne EN 133221:1998
Blank Detail Specification: Passive filter units for electromagnetic interference suppression - Filters for which safety tests are required (safety tests only)
This blank detail specification forms the basis for a uniform procedure for a common European Safety Mark. It implements the approval schedule for safety test in EN 133200, requires a declaration of design for parameters relevant to safety and prescribes conformance tests to be conducted on every lot prior to its release and requalification tests depending on changes of the declared design.

33.100.01 Elektromagnetiline ühilduvus üldiselt

Electromagnetic compatibility in general

UUED STANDARDID

EVS-EN 50357:2002
Hind 212,00
Identne EN 50357:2001
Evaluation of human exposure to electromagnetic fields from devices used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications
This European Standard applies to devices used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications. The objective of the Standard is to

specify, for such equipment, the methods for demonstration of compliance with basic restrictions or reference levels related to human exposure to electromagnetic fields.

EVS-EN 50360:2002
Hind 66,00
Identne EN 50360:2001
Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz - 3 GHz)
This product standard applies to any transmitting devices intended to be used with the radiating part of the equipment in closee proximity to the human ear (e.g mobile phones, cordless phones, etc.). The frequency range covered is 300 MHz to 3 GHz

EVS-EN 50361:2002
Hind 212,00
Identne EN 50361:2001
Basic standard for the measurement of Specific Absorption Rate related to human exposure to electromagnetic fields from mobile phones (300 MHz - 3 GHz)
This basic standard applies to any electromagnetic field (EM) transmitting devices intended to be used with the radiating part of the equipment in close proximity to the human ear including mobile phones, cordless phones, etc. The frequency range is 300 MHz to 3 GHz. The objective of the standard is to specify the method for demonstration of compliance with the specific absorption rate (SAR) limits for such equipment

EVS-EN 50121-1:2002
Hind 109,00
Identne EN 50121-1:2000
Railway applications - Electromagnetic compatibility - Part 1: General
This part 1 of the European Standards series EN 50121 outlines the structure and the content of the whole set. Annex A describes the characteristics of the Railway System and Annex B a management process for achieving Electromagnetic Compatibility(EMC) at the interface between the railway infrastructure, as defined in the EU Directive 91/440 EEC, and trains. The objective of the whole set of Standards is to specify the Electromagnetic (EM) emission and immunity requirements for railway products, and for railway as an installation

EVS-EN 50121-4:2002
Hind 126,00
Identne EN 50121-4:2000
Railway applications - Electromagnetic compatibility - Part 4: Emission and immunity of the signalling and telecommunications apparatus
This Standard specifies limits for emission and immunity and provides performance criteria for signalling and telecommunications (S&T) apparatus which may interfere with other apparatus in the railway environment, or increase the total emissions for the railway environment beyond the limits defined in the appropriate standard, and so risk causing Electro-magnetic Interference (EMI) to apparatus outside the railway system

EVS-EN 50121-5:2002
Hind 146,00
Identne EN 50121-5:2000
Railway applications - Electromagnetic compatibility - Part 5: Emission and immunity of fixed power supply installations and apparatus
This standard applies to emission and immunity aspects of EMC for electrical and electronic apparatus and components intended for use in railway fixed installations associated with power supply. This includes the power feed to the apparatus, the apparatus itself with its protective control circuits, conductors at railway system voltage but not carrying current (e.g. overhead contact lines), trackside items such as, switching stations, power autotransformers, bootster transformers, substation power switchgear and power switchgear to other longitudinal and local supplies

EVS-EN 50121-3-1:2002
Hind 101,00
Identne EN 50121-3-1:2002
Railway applications - Electromagnetic compatibility - Part 3-1: Rolling stock; Train and complete vehicle
This European Standard specifies the emission and immunity requirements for all types of rolling stock. It covers traction stock and trainsets as well as independent hauled stock (for individual definitions see clause 4). The frequency range considered is from DC to 400 GHz. At present, testing is not defined for frequencies above 1 GHz

EVS-EN 50121-3-2:2002
Hind 109,00
Identne EN 50121-3-2:2002
Railway applications - Electromagnetic compatibility - Part 3-2: Rolling stock; Apparatus
This Standard applies to emission and immunity aspects of EMC for electrical and electronic apparatus intended for use on railway rolling stock. The frequency range considered is from DC to 400 GHz. At present, testing is not defined for frequencies above 1 GHz. The application of tests shall depend on the particular apparatus, its configuration, its ports, its technology and its operating conditions

33.100.10 Kiirgus

Emission

UUED STANDARDID

EVS-EN 50121-2:2002
Hind 130,00
Identne EN 50121-2:2000
Railway applications - Electromagnetic compatibility - Part 2: Emission of the whole railway system to the outside world
This Standard sets the emission limits from the whole railway system, it describes the measurement method to verify the emissions, and gives the cartography values of the fields most frequently encountered. These specific provisions are to be used in conjunction with the general provisions in EN 50121-1

33.100.20 Immuunsus

Immunity

UUED STANDARDID

EVS-EN 61837-2:2002
Hind 247,00

Identne IEC 61837-2:2000
ja identne EN 61837-2:2000
Surface mounted piezoelectric devices for frequency control and selection - Standard outlines and terminal lead connections - Part 2: Ceramic enclosures (IEC 61837-2:2000)
Deals with standard outlines and terminal lead connections as they apply to surface mounted devices for frequency control and selection in ceramic enclosures and is based on IEC 61240.

EVS-EN 61837-3:2002
Hind 199,00
Identne IEC 61837-3:2000
ja identne EN 61837-3:2000
Surface mounted piezoelectric devices for frequency control and selection - Standard outlines and terminal lead connections - Part 3: Metal enclosures
These standard outlines and terminal lead connections apply to SMDs for frequency control and selection in metal enclosures based on IEC 1240.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22530
Tähtaeg: 2002-11-01
Identne IEC 61000-4-3:2002
ja identne EN 61000-4-3:2002
Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test
This section of IEC 1000-4 is applicable to the immunity of electrical and electronic equipment of radiated electromagnetic energy. It establishes test levels and the required test procedures.
prEVS 40114
Tähtaeg: 2002-11-01
Identne EN 133100:1998
Sectional Specification: Passive filter units for electromagnetic interference suppression. Filter for which safety tests are note required
This specification applies to passive filter units for electromagnetic interference suppression which fall within the scope of the Generic Specification, EN 133000.The scope of this specification is restricted to passive filter units for which safety tests are not appropriate. This implies that filters specified according to this specification will not be connected to mains supplies that such tests are required.
prEVS 40115
Tähtaeg: 2002-11-01
Identne EN 133101:1998
Blank Detail Specification: Passive filter units for electromagnetic interference suppression. Filters for which safety test are not required
Blank detail specification.
prEVS 53789
Tähtaeg: 2002-11-01
Identne EN 138121:2001
Blank detail specification: Fixed inductors for electromagnetic interference suppression - Inductors for which safety tests are required (safety tests only)
This blank detail specification forms the basis of a uniform procedure for a common European Mark. It implements the approval schedule for safety test in EN 138100, requires a declaration of design for parameters relevant to safety and prescribes conformance tests to be conducted on every lot prior to its release and requalification tests depending on changes of the design.

33.120 Sideaparatuuri osad ja lisaseadmed

Components and accessories for telecommunication equipment

UUED STANDARDID

EVS-EN 61966-4:2002
Hind 247,00
Identne IEC 61966-4:2000
ja identne EN 61966-4:2000
Multimedia systems and equipment - Colour measurement and management - Part 4: Equipment using liquid crystal display panels
A series of characteristics for colour reproduction and management, and the associated methods of measurement for use in multimedia systems and equipment is applicable to the assessment of colour reproduction. This part 4 of IEC 61966 deals with equipment using transmissive type liquid crystal display (LCD) panels to display colour images for use in multimedia applications. This part of IEC 61966 defines input test signals, measurement conditions and methods of measurement, so as to make possible the colour management and comprehensive comparison of the results of measurement.

33.120.10 Koaksiaalkaablid. Lainejuhid

Coaxial cables. Waveguides

UUED STANDARDID

EVS-EN 61935-1:2002
Hind 295,00
Identne IEC 61935-1:2000
ja identne EN 61935-1:2000
Generic cabling systems - Specification for the testing of balanced communication cabling in accordance with ISO/IEC 11801 - Part 1: Installed cabling
This document, IEC 61935-1, has two objectives. First, it specifies reference measurement procedures for cabling parameters identified in ISO/IEC 11801. Secondly, it specifies requirements for field tester accuracy to measure cabling parameters identified in ISO/IEC 11801. This document presumes that the cable assemblies are made of cables complying with IEC 1156-1 and IEC 1156-2, IEC 1156-3, IEC 1156-4 respectively and connecting hardware as specified in IEC 603-7 or IEC 807-8. In case where cables and or connectors do not comply respectively with these standards additional test may be required.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22818
Tähtaeg: 2002-11-01
Identne IEC 60966-1:1999
ja identne EN 60966-1:1999
Radio frequency and coaxial cables assemblies - Part 1: Generic specification - General requirements and test methods
Establishes uniform requirements for testing the electrical, mechanical and climatic properties of r.f. and coxial cable assemblies composed of cables and connectors operating in the transverse electromagnetic mode (TEM).
prEVS 27257
Tähtaeg: 2002-11-01
Identne IEC 61196-3-2:1997
ja identne EN 61196-3-2:1997

Radio frequency cables - Part 3-2: Coaxial cables for digital communication in horizontal floor wiring - Detail specification for coaxial cables with solid dielectric for local area networks of 185 m reach and up to 10 Mb/s
This sectional specification specifies requirements for coaxial cables for local area networks. It is intended to be used with the generic specification, IEC 1196-1. The object of this sectional specification is to prescribe recommended ratings and characteristics and to select from the generic specification the appropriate quality assesment procedures, test and measuring methods, and to give a general performance requirements for semi-rigid coaxial cables plus complementary test methods.
prEVS 27258
Tähtaeg: 2002-11-01
Identne IEC 61196-3-3:1997
ja identne EN 61196-3-3:1997

Radio frequency cables - Part 3-3: Coaxial cables for digital communication in horizontal floor wiring - Detail specification for coaxial cables with foamed dielectric for local area networks of 185 m reach and up to 10 Mb/s
This sectional specification specifies requirements for coaxial cables for local area networks. It is intended to be used with the generic specification, IEC 1196-1. The object of this sectional specification is to prescribe recommended ratings and characteristics and to select from the generic specification the appropriate quality assesment procedures, test and measuring methods, and to give general performance requirements for semi-rigid coaxial cables plus complementary test methods.
prEVS 29233
Tähtaeg: 2002-11-01
Identne IEC 60966-2-3:1996
ja identne EN 60966-2-3:1999

Radio frequency and coaxial cable assemblies - Part 2-3: Detail specification for flexible coaxial cable assemblies
This detail specification relates to the sub-family of flexible coaxial cables and BNC connector assemblies. This detail specification should be used together with IEC 966-2-1 and IEC 966-1
prEVS 29235
Tähtaeg: 2002-11-01
Identne IEC 60966-3-2:1996
ja identne EN 60966-3-2:1999

Radio-frequency and coaxial cable assemblies - Part 3-2: Detail specification for semi-flexible coaxial cable assemblies for GSM use (0,8 GHz - 1 GHz)
This detail specification relates to the sub-family of coaxial cables and connector assemblies operating in the frequency range of GSM (0,8 GHz - 1 GHz) This detail specification should be used together with IEC 966-3 and IEC 966-1
prEVS 30508
Tähtaeg: 2002-11-01
Identne IEC 60966-2-4:1997
ja identne EN 60966-2-4:1997

Radio frequency and coaxial cable assemblies - Part 2-4: Detail specification for cable assemblies for radio and TV receivers (Frequency range 0 to 3000 MHz, IEC 60169-2 connectors)
This detail specification relates to cable assemblies for radio and TV receivers, and in particular to the cable subfamily 9.52. This detail specification should be used together with IEC 60966-1:1988, IEC 60966-2-1:1991 and IEC 60966-2-2:1992.
prEVS 32702
Tähtaeg: 2002-11-01
Identne IEC 60154-2:1980+A1:1997
ja identne EN 60154-2:1997+A1:1997

Flanges for waveguides - Part 2:Relevant specifications for flanges for ordinary rectangular waveguides
This standard relates to the dimensions of waveguide flanges for use in electronic equipment. It covers requirements for flanges drilled before or after mounting on waveguides. It should be noted that for optimum electrical performance, post-drilling of the alignment holes after mounting is recommended.
prEVS 34206
Tähtaeg: 2002-11-01
Identne IEC 61196-3:1998
ja identne EN 61196-3:1998

Radio frequency cables - Part 3: Sectional specification for coaxial cables for local area networks
This sectional specification specifies requirements for radio frequency coaxial cables for local area networks. The object of this sectional specification is to prescribe recommended ratings and characteristics and to select from the generic specification the appropriate quality assesment procedures, test and measuring methods, and to give a general performance requirements for coaxial cables for local area networks plus complementary test methods.
prEVS 35332
Tähtaeg: 2002-11-01
Identne IEC 60966-2-5:1998
ja identne EN 60966-2-5:1999

Radio frequency and coaxial cable assemblies - Part 2-5: Detail specification for cable assemblies for radio and TV receivers - Frequency range 0 to 1000 MHz, IEC 60169-2 connectors
This detail specification relates to cable assemblies for radio and TV receivers, and in particular to the cable sub-family 9.52.
prEVS 35333
Tähtaeg: 2002-11-01
Identne IEC 60966-2-6:1998
ja identne EN 60966-2-6:1999

Radio frequency and coaxial cable assemblies - Part 2-6: Detail specification for cable assemblies for radio and TV receivers - Frequency range 0 to 3000 MHz, IEC 60169-24 connectors
This detail specification relates to cable assemblies for radio and TV receivers, and in particular to the cable sub-family type F.
prEVS 39656
Tähtaeg: 2002-11-01
Identne EN 50289-3-7:2001

Communication cables - Specifications for test methods - Part 3-7: Mechanical test methods - Abrasion resistance of the cable sheath
This Part 3-7 of EN 50289 specifies the method of test to determine the ability of the sheath of a finished cable used in analogue and digital communication systems to withstand abrasion. It is to be read in conjunction with Part 3-1 of EN 50289, which contains essential provisions for its application.
prEVS 39658
Tähtaeg: 2002-11-01
Identne EN 50289-3-8:2001

Communication cables - Specifications for test methods - Part 3-8: Mechanical test methods - Abrasion resistance of cable sheath markings
This Part 3-8 of EN 50289 details the method of test to determine the ability of the sheath markings of a finished cable used in analogue and digital communication systems to withstand abrasion. It is to be read in conjunction with Part 3-1 of EN 50289, which contains essential provisions for its application.
prEVS 39659
Tähtaeg: 2002-11-01
Identne EN 50289-3-9:2001
Communication cables - Specifications for test methods - Part 3-9: Mechanical test methods - Bending tests
This Part 3-9 of EN 50289 specifies the method of test to - determine the ability of a finished cable used in analogue and digital communications systems to withstand - bending around a test mandrel (clause 4); - repeated bending (clause 5); - flexing in service (clause 6); - repeated flexing in service (clause 7); - bending around rollers or bows during installation (clause 8); and - measure the stiffness (clause 9) of such a table. It is to be read in conjunction with Part 3-1 of EN 50289, which contains essential provisions for its application.
prEVS 39662
Tähtaeg: 2002-11-01
Identne EN 50289-3-11:2001
Communication cables - Specifications for test methods - Part 3-11: Mechanical test methods - Cable cut-through resistance
This Part 3-11 of EN 50289 details the method of test to determine the cut-through resistance of the sheath of a finished cable used in analogue and digital communication systems. It is to be read in conjunction with Part 3-11 of EN 50289, which contains essential provisions for its application.
prEVS 39664
Tähtaeg: 2002-11-01
Identne EN 50289-3-16:2001
Communication cables - Specifications for test methods - Part 3-16: Mechanical test methods - Cable tensile performance
This Part 3-16 of EN 50289 specifies the method of test to determine the ability of a finished cable used in analogue and digital communication systems to withstand a tensile load. It is to be read in conjunction with Part 3-1 of EN 50289, which contains essential provisions for its application.
prEVS 53791
Tähtaeg: 2002-11-01
Identne EN 50289-3-12:2001
Communication cables - Specifications for test methods - Part 3-12: Mechnical test methods; Shot gun damage
This Part 3-12 of EN 50289 details the method of test to determine the ability of a cable used in analogue and digital communication systems to withstand shot-gun damage. It is to be read in conjunction with Part 3-1 of EN 50289, which contains essential provisions for its application.

33.120.30 Raadiosagedusliitmikud

R.F. connectors

KAVANDITE ARVAMUSKÜSITLUS
prEVS 25810
Tähtaeg: 2002-11-01
Identne IEC 60169-24:1991
ja identne EN 60169-24:1993
Radio-frequency connectors - Part 24: Radio-frequency coaxial connectors with screw coupling, typically for use in 75 ohm cable distribution systems (Type F)
This standard specifies radio-frequency coaxial connectors which are typically for use in 75 ohm cable distribution systems with a variety of flexible cables, but which may also be used in both matched and unmatched applications. These connectors are in general intended for permanent mounting and for use with infrequent engagement and seperation. This standard only specifies interface dimensions
prEVS 28612
Tähtaeg: 2002-11-01
Identne IEC 61169-31:1999
ja identne EN 61169-31:1999
R.F. connectors. Part 31: R.F. coaxial connectors with inner diameter of outer conductor 1,0 mm (0,039 in) with screw coupling - Characteristics impedance 50 ohms (Type 1,0)
This specification standardizes the interfaces and ratings of the Type 1,0 R.F. connectors of 50 ohms impedance and having a screw coupling mechanism. These connectors are recommended for use with semi-rigid and flexible cable and in microwave applications requiring high performance. These connectors have an operating frequency range of up to 110 GHz.
prEVS 28614
Tähtaeg: 2002-11-01
Identne IEC 61169-32:1999
ja identne EN 61169-32:1999
R.F. connectors. Part 32: R.F. coaxial connectors with inner diameter of outer conductor 1,85 mm (0,072 in) with screw coupling - Characteristics impedance 50 ohms (Type 1,85)
This specification standardizes the interfaces and ratings of the Type 1,85 R.F. connectors of 50 ohms impedance and having a screw coupling mechanism.These connectors are recommended for use with semi-rigid and flexible cable and in microwave applications requiring high performance. These connectors have an operating frequency range of up to 65 GHz.
prEVS 29641
Tähtaeg: 2002-11-01
Identne IEC 61169-1-1:1996
ja identne EN 61169-1-1:1997
Radio-frequency connectors - Part 1-1. Single, multi-series, dual-language blank detail specification
This standard relates to connectors for r.f. transmission lines for use in telecommunications, electronic and similar equipment
prEVS 29642
Tähtaeg: 2002-11-01
Identne IEC 61169-33:1996
ja identne EN 61169-33:1997
Radio-frequency connectors - Part 33: Sectional specification for series BMA r.f. connectors
Series BMA connectors have a characteristic impedance of 50 ohm and are normally used for blind-entry low-power microwave applications in conjunction with flexible and semi-rigid cables having a dielectric diameter of up

to 3,00 mm. The connectors are usable up to a frequency of at least 18 GHz.
prEVS 29643
Tähtaeg: 2002-11-01
Identne IEC 61169-36:1996
ja identne EN 61169-36:1997
Radio-frequency connectors - Part 36: Sectional specification for microminiature r.f. coaxial connectors with snap-on coupling - Characteristic impedance 50 ohm (type MCX)
This part of IEC 169 concerns microminiature coaxial connectors for use with flexible and semi-rigid r.f. cables (96 IEC 50-1-... and 96 IEC 50-2-...). These connectors have a snap-on coupling mechanism 50 ohms impedance, an operating frequency range at 3 GHz and are known commercially as MCX connectors.
prEVS 31608
Tähtaeg: 2002-11-01
Identne IEC 60169-21:1985 + A1:1996
ja identne EN 60169-21:1997
Radio-frequency connectors - Part 21: Two types of radio-frequency connectors with inner diameter of outer conductor 9,5 mm (0,374 in) with different versions of screw coupling - Characteristic impedance 50 ohms (types SC-A and SC-B)
This specification standardizes the interface and ratings of two versions of a medium size r.f. connector for use with flexible and semi-rigid cables.The connectors are recommended to be utilized in medium power and low reflection applications up to 11 GHz.The dielectric filled interface is especially beneficial in applications involving severe environmental exposure.
prEVS 53909
Tähtaeg: 2002-11-01
Identne EN 122001:1993
Blank detail specification: CECC military specification for radio frequency connectors [type MIL-C-39012]
This general Blank Detail Specification was prepared by wg22 in conjunction with MUAHAG to meet the need for European produced r.f. connectors covered by approval and quality assessment procedures equivalent to those in MIL-C-39012 but using IEC test methods wherever possible.
prEVS 53910
Tähtaeg: 2002-11-01
Identne EN 122002:1993
Blank detail specification: radio frequency coaxial connectors
Blank detail specification.
prEVS 53912
Tähtaeg: 2002-11-01
Identne EN 122110:1993
Sectional specification: radio frequency coaxial connectors; series SMA
This sectional specification applies to miniature screw-coupled coaxial connectors, Series SMA. It prescribes mating-face dimensions for general purpose connectors and standard test connectors, Grade O, together with gauging information. It also indicates recommended performance characteristics to be considered when writing detail specifications, and covers the test schedules and inspection requirements for Assessment Level M, H and U.
prEVS 53913
Tähtaeg: 2002-11-01
Identne EN 122140:1993
Sectional specification: radio frequency coaxial connectors; series SMC
This sectional specification (SS) provides information and rules for the preparation of detail specifications (DS) for miniature screw-coupled coaxial connectors Series SMC.
prEVS 53914
Tähtaeg: 2002-11-01
Identne EN 122170:1993
Sectional specification: radio frequency coaxial connectors; series SSMB
This sectional specification (SS) provides information and rules the preparation of detail specifications (DS) for miniature snap-on coaxial connectors Series SSMB.
prEVS 53915
Tähtaeg: 2002-11-01
Identne EN 122200:1994
Sectional specification: radio frequency coaxial connectors; series TNC
This sectional specification (SS) provides information and rules for the preparation of detail specification (DS) for screw-coupled coaxial connectors Series TNC.
prEVS 53934
Tähtaeg: 2002-11-01
Identne IEC 60169-23:1991
ja identne EN 60169-23:1993
Radio-frequency connectors; part 23: pin and socket connector for use with 3, 5 mm rigid precision coaxial lines with inner diameter of outer conductor 3, 5 mm (0, 1378 in)
Covers a precision pin and socket connector for use with 3,5 mm rigid precision coaxial lines so as to minimize test apparatus errors attributable to coaxial connectors. These connectors are constructed so as to affix on the 50 ohm, 3,5 mm rigid precision coaxial line described in IEC 60457-5, and to provide low reflection to 34 GHz.
prEVS 53935
Tähtaeg: 2002-11-01
Identne IEC 60169-25:1992
ja identne EN 60169-25:1993
Radio-frequency connectors; Part 25: two-pole screw (3/4-20 UNEF) coupled connectors for use with shielded balanced cables having twin inner conductors with inner diameter of outer conductor 13, 56 mm (0, 534 in) (type TWHN)
Shielded balanced cables having twin inner conductors are being used extensively in data processing systems. These cables are used to interconnect parts of computer systems which feature 2-pole screw (3/4-20 UNEF) coupled connectors having an inner diameter of outer conductor (IDOC) of 13,56 mm (0,534 in).

33.160.01
Audio- ja videoseadmed ning -süsteemid üldiselt

Audio, video and audiovisual systems in general

UUED STANDARDID

EVS-EN 61937:2002
Hind 212,00
Identne IEC 61937:2000
ja identne EN 61937:2000
Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958
International standard IEC 60958 specifies a widely used method of interconnecting digital audio equipment with 2 channel linear PCM audio. This standard describes a way in which the IEC 60958 interface may be used in order to convey non-linear PCM encoded audio bitstreams for consumer applications.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 27425
Tähtaeg: 2002-12-01
Identne IEC 60933-4:1994
ja identne EN 60933-4:1994
Audio, video and audiovisual systems - Interconnections and matching values - Part 4: Connector and cordset for domestic digital bus (D2B)
This International Standard deals with the application of a connector and cordset for transmitting domestic digital bus (D2B) control data signals independently from other (audio and video) signals.
prEVS 35262
Tähtaeg: 2002-11-01
Identne IEC 60958-4:1999
ja identne EN 60958-4:2000
Digital audio interface - Part 4: Professional applications
This standard describes an application of a serial, uni-directional, self-clocking interface as defined in part 1, for the interconnection of digital audio equipment for professional applications. In both cases, the clock references and auxiliary information are transmitted along with the programme. Provision is also made to allow the interface to carry data related to computer software.
prEVS 35351
Tähtaeg: 2002-11-01
Identne IEC 60958-3:1999
ja identne EN 60958-3:2000
Digital audio interface - Part 3: Consumer applications
This standard describes an application of a serial, uni-directional, self-clocking interface as defined in part 1, for the interconnection of digital audio equipment for professional applications. When used in a consumer digital processing environment, the interface is primarily intended to carry stereophonic programmes, with a resolution of up to 20 bits per sample, an extension to 24 bits per sample being possible.
prEVS 35714
Tähtaeg: 2002-11-01
Identne IEC 60958-1:1999
ja identne EN 60958-1:2000
Digital audio interface - Part 1: General
This standard describes a serial, unidirectional, self-clocking interface for the interconnection of digital audio equipment for consumer and professional applications, using linear PCM coded audio samples.This document provides the basic structure of the interface. Separate documents define application specific items. In all cases, the clock references and auxiliary information are transmitted along with the programme.

33.160.20 Raadiovastuvõtjad

Radio receivers

KAVANDITE ARVAMUSKÜSITLUS

prEVS 25671
Tähtaeg: 2002-11-01
Identne IEC 60107-1:1997
ja identne EN 60107-1:1997
Methods of measurement on receivers for television broadcast transmissions - Part 1: General considerations - Measurements at radio and video frequencies
This part of IEC 60107 deals with the standard conditions and methods of measurement on television receivers that conform to the terrestrial broadcast television standards specified by the ITU-R (former C.C.I.R) Such receivers may be used for direct off air reception, reception via cabled networks or as a monitor for prerecorded video, home movies and games among other applications. This part does not include the measurements specific to the sound channels, which are dealt with by other parts: IEC 60107-2, 60107-3 60107-4, 60107-5. Measurements for the non-broadcast signals see 60107-6.
prEVS 26466
Tähtaeg: 2002-11-01
Identne IEC 60107-2:1997
ja identne EN 60107-2:1997
Methods of measurement on receivers for television broadcast transmissions - Part 2: Audio channels - General methods and methods for monophonic channels
This part of IEC 60107 deals with the general methods of measurement of the audio channels of receivers for monophonic systems and multichannel sound systems. General conditions for the measurements are specified in IEC 60107-1 and the measurements specific to the multichannel sound systems are dealt with by IEC 60107-3, IEC 60107-4 and IEC 60107-5. Measurements for non-broadcast signals are dealt with by IEC 60107-6.
prEVS 26467
Tähtaeg: 2002-11-01
Identne IEC 60107-7:1997
ja identne EN 60107-7:1997
Methods of measurement on receivers for television - Part 7: HDTV displays
This part of IEC 60107 deals with the standard conditions and methods of measurement on high definition television (HDTV) displays. Such displays may be used as an integral part of an HDTV receiver for direct off air reception, reception via cabled networks or as a monitor for pre-recorded video, home movies and games among other applications
prEVS 27635
Tähtaeg: 2002-11-01
Identne IEC 60315-4:1997
ja identne EN 60315-4:1998
Methods of measurement on radio receivers for various classes of emission - Part 4: Receivers for frequency-modulated sound broadcasting emissions
This part of IEC 60315 applies to radio receivers and tuners for the reception of frequency-modulated sound-broadcasting emissions with rated maximum system deviations of ±75 kHz and ±50 kHz in ITU Band 8. It deals mainly with methods of measurement using radio-frequency signals applied to the antenna terminals of the receiver. The measurements and specified conditions of test are selected to permit the comparison of results obtained by different observers and on other receivers. Performance requirements are not specified in this standard.
prEVS 28071
Tähtaeg: 2002-11-01
Identne IEC 60107-8:1997
ja identne EN 60107-8:1997

Recommended methods of measurement on receivers for television broadcast transmissions - Part 8: Measurement on D2-MAC/packet equipment
The object of this part of IEC 60107 is to define quality parameters and to provide a guideline for measurement on D2-MAC/packet equipments, under uniform and repetitive conditions. The D2-MAC/packet process is specified in EBU SPB 489. The specifications of the limit values of the various parameters of the equipment are outside the scope of this standard; however theoretical curves and references are provided which could be used as a guide for presentation of measurement results.
prEVS 36221
Tähtaeg: 2002-11-01
Identne IEC 60315-3:1989+ corr:1994+A1:1999
ja identne EN 60315-3:1999+ A1:1999
Methods of measurement on radio receivers for various classes of emission - Part 3: Receivers for amplitude-modulated sound-broadcasting emissions
The standard applies to radio receivers for the reception of amplitude-modulated sound broadcasting emissions. Deals mainly with measurements using radio-frequency signals applied to the antenna terminals of the receiver, or induced in a magnetic antenna.

33.160.30 Helisalvestussüsteemid

Audio systems

UUED STANDARDID

EVS-EN 61909:2002
Hind 456,00
Identne IEC 61909:2000
ja identne EN 61909:2000
Audio recording - Minidisc system
This International Standard, IEC 1909 applies to MiniDisc (MD). It defines the mechanical and electrical characteristics necessary to ensure the interchangeability of both pre-mastered optical discs and recordable magneto-optical discs of 64 mm in diameter for the compressed digital audio recording system.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 21936
Tähtaeg: 2002-11-01
Identne IEC 61119-5:1993
ja identne EN 61119-5:1995
Digital audio tape cassette system (DAT) - Part 5: DAT for professional use
Applies to professional use of the digital audio tape cassette system (DAT) for recording and/or reproducing digital audio signals. Defines the mechanical and electrical characteristics necessary to ensure full interchangeability between software and hardware in any geographical location.
prEVS 22532
Tähtaeg: 2002-11-01
Identne IEC 61120-4:1992
ja identne EN 61120-4:1992
Digital audio tape recorder reel-to-reel system, using 6.3 mm magnetic tape, for professional use - Part 4: Magnetic tape properties: definitions and methods of measurement
Applies to methods of measurement for the properties of magnetic tapes used in digital audio reel-to-reel recording and reproducing systems using 6.3 mm magnetic tape for professional use.
prEVS 22542
Tähtaeg: 2002-11-01
Identne IEC 61120-3:1991
ja identne EN 61120-3:1993
Digital audio tape recorder reel to reel system, using 6.3 mm magnetic tape, for professional use - Part 3: Format B
This standard applies to methods of measurement for the properties of magnetic tapes used in digital audio reel-to reel-recording and reproducing systems using 6,3 mm magnetic tape for professional use. Part 3: Format B.
prEVS 22543
Tähtaeg: 2002-11-01
Identne IEC 61120-2:1991
ja identne EN 61120-2:1993
Digital audio tape recorder reel to reel system, using 6.3 mm magnetic tape, for professional use - Part 2: Format A
Applies to methods of measurement for the properties of magnetic tapes used in digital audio reel-to-reel recording and reproducing systems using 6.3 mm magnetic tape for professional use. Part 2: Format A.
prEVS 22578
Tähtaeg: 2002-11-01
Identne IEC 61105:1991
ja identne EN 61105:1993
Reference tapes for video tape recorder systems
Describes the general data for reference tapes applicable to various video tape recorder (VTR) formats already covered by existing IEC standards.
prEVS 23365
Tähtaeg: 2002-11-01
Identne IEC 60094-5:1988+ A1:1996
ja identne EN 60094-5:1993+ A1:1996
Magnetic tape sound recording and reproducing systems - Part 5: Electrical magnetic tape properties
This standard applies to non-perforated magnetic tape used for professional and domestic analogue sound recording and reproduction.
prEVS 23366
Tähtaeg: 2002-11-01
Identne IEC 60094-7:1986
ja identne EN 60094-7:1993
Magnetic tape sound recording and reproducing systems - Part 7: Cassette for commercial tape records and domestic use
This part applies only to cassette recording and reproducing systems.
prEVS 23602
Tähtaeg: 2002-11-01
Identne IEC 60094-3:1979+ A1,A2,A3:1996
ja identne EN 60094-3:1996 + A3:1996
Magnetic tape sound recording and reproducing systems - Part 3: Methods of measuring the characteristics of recording and reproducing equipment for sound on magnetic tape
This standard applies to recording and reproducing equipment for sound on magnetic tape (reel-to-reel, cassette and cartridge) for both professional and domestic applications. This standard does not apply to special purpose equipment such as high speed duplicators, artificial reverberation recorders or dictation machines not employing the reel-to-reel, cassette or cartridge principle. This standard excludes all aspects of safety, which are to be found in IEC 65. It also excludes magnetic tape properties, which are to be found in IEC 94-4 and 94-5.
prEVS 26423
Tähtaeg: 2002-11-01

Identne IEC 61096:1992+A1:1996
ja identne EN
61096:1993+A1:1996
Methods of measuring the characteristics of reproducing equipment for digital audio compact discs
Lists and defines the characteristics affecting the performance of CD players, establishes conditions and methods of measurement of those characteristics and standardizes the presentation of results.
prEVS 35878
Tähtaeg: 2002-11-01
Identne IEC 61119-2:1991
ja identne EN 61119-2:1994
Digital audio tape cassette system (DAT) - Part 2: DAT calibration tape
This part of IEC 1119 applies to calibration tapes for assessing and correcting the technical performance of equipment for the digital audio tape (DAT) cassette system.The object of this part is to specify programme content, format and other parameters of calibration tapes, so that direct comparison may be made between the technical performance of different equipment for the DAT cassette system.
prEVS 35879
Tähtaeg: 2002-11-01
Identne IEC 61119-3:1992
ja identne EN 61119-3:1994
Digital audio tape cassette system (DAT) - Part 3: DAT tape properties
This part of IEC 1119 applies to properties of magnetic tapes used in the DAT cassette system.The purpose of this part is to specify the measurement methods and the minimum requirements applicable to these tapes.
prEVS 35880
Tähtaeg: 2002-11-01
Identne IEC 61119-6:1992
ja identne EN 61119-6:1994
Digital audio tape cassette system (DAT) - Part 6: Serial copy management system
This part of IEC 1119 is applicable to the Digital Audio Tape (DAT) cassette system for consumer applications. It states the requirements for the recording function with digital audio interface signals and for digital output signals on DAT recorders.
prEVS 39903
Tähtaeg: 2002-11-01
Identne IEC 60908:1999
ja identne EN 60908:1999
Audio recording - Compact disc digital audio system
Applies to a pre-recorded optical reflective digital audio disc system. Defines those parameters of compact discs that affect interchangeability between discs and players.
prEVS 53867
Tähtaeg: 2002-11-01
Identne IEC 60094-1:1981+A1:1994
ja identne EN 60094-1:1993+A1:1994
Magnetic tape sound recording and reproducing systems; Part 1: general conditions and requirements
Applies to the dimensional, mechanical and electrical requirements for non-perforated blank and pre-recorded magnetic tape and for the associated recording and reproducing systems such as reel-to-reel, cassette and cartridge. Gives methods of measurement and necessary tolerances to secure interchangeability of recordings.
prEVS 53868
Tähtaeg: 2002-11-01
Identne IEC 60094-4:1986+A1:1994
ja identne EN 60094-4:1994+A1:1994
Magnetic tape sound recording and reproducing systems - Part 4: Mechanical magnetic tape properties
Applies to non-perforated magnetic tape used for professional and domestic analogue sound recording and reproduction. Lists and defines the methods of measurement and equipment necessary to determine the mechanical characteristics of magnetic recording tape. Will also enable users of magnetic tapes to compare technical product data of different manufacturers, produced in accordance with this standard.
prEVS 53964
Tähtaeg: 2002-11-01
Identne IEC 60574-10:1983+A1:1988+A2:1989
ja identne HD 369.10 S4:1991
Audio-visual, video and television equipment and systems; Part 10: audio cassette systems
Lays down requirements for the track configuration on the compact cassette for language laboratory, language trainer, tape-slide synchronization systems or other similar applications. Specifies frequencies and durations of cue tones.

33.160.40 Videosalvestussüsteemid

Video systems

UUED STANDARDID

EVS-EN 61904:2002
Hind 326,00
Identne IEC 61904:2000
ja identne EN 61904:2000
Video recording - Helical-scan digital component video cassette recording format using 12, 65 mm magnetic tape and incorporating data compression (format Digital-L)
This International Standard is applicable to the format for video cassette recording of digital component video signals and associated digital audio signals and related control signals, using the 12,65 mm magnetic tape. The video data are recorded incorporating bit rate reduction. This standard specifies characteristics of the cassettes, the tape, the recording patterns on the tape, the processes of digital audio and video coding, bit rate reduction, error protection and channel coding which are the essential requirements for the interchangeability of the recordings.

EVS-EN 62071:2002
Hind 433,00
Identne IEC 62071:2000
ja identne EN 62071:2001
Helical-scan compressed digital video cassette recording system using 6,35 mm magnetic tape - Format D-7
Specifies the content, format and recording method of the data blocks containing video, audio and associated data which form the helical records on 6.35 mm tape in cassettes as given in SMPTE 306M.

EVS-EN 61834-6:2002
Hind 272,00
Identne IEC 61834-6:2000
ja identne EN 61834-6:2000

Recording - Helical-scan digital video cassette recording system using 6,35 mm magnetic tape for consumer use (525-60, 625-50, 1125-60 and 1250-50 systems) - Part 6: SDL format
Format extension, using higher compression to increase recording time and reduce running cost.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22529
Tähtaeg: 2002-11-01
Identne IEC 61122:1992
ja identne EN 61122:1993
Still video floppy disk magnetic recording system
The standard provides technical requirements for still video floppy disk systems which use a magnetic disk in a jacket, known as a still video floppy disk.
prEVS 22557
Tähtaeg: 2002-11-01
Identne IEC 61118:1993
ja identne EN 61118:1993
Helical-scan video tape cassette using 12,65 mm (0,5 in) magnetic tape - Type M2
Defines dimensions and other characteristics of equipment which are necessary to ensure the interchangeability of recorded cassettes. The requirements relate to 525 line-60 field and 625 line-50 field systems.
prEVS 22574
Tähtaeg: 2002-11-01
Identne IEC 61106:1993
ja identne EN 61106:1993
Videodisks - Methods of measurements for parameters
The standard collects the different typical parameters for videodisks described in IEC 844, 845, 856 og 857 and proposes a method of measurement for each.
prEVS 22581
Tähtaeg: 2002-11-01
Identne IEC 61104:1992
ja identne EN 61104:1992
Compact disc video system - 12 cm CD-V
Specifies system parameters and applies to the pre-recorded optical reflective disc system called "compact disc video (CD video)" containing digital audio and "Laser Vision" video information. In the case of CD video, this standard modifies the relevant text in IEC 908.
prEVS 22713
Tähtaeg: 2002-11-01
Identne IEC 61077:1991
ja identne EN 61077:1991
Helical-scan video tape cassette system using 12,65 mm (0,5 in) magnetic tape on type VHS - Compact VHS video cassette
Defines the mechanical parameters and the necessary characteristics of the compact (VHS) video cassette.
prEVS 22856
Tähtaeg: 2002-12-01
Identne IEC 60933-5:1992
ja identne EN 60933-5:1993
Audio, video and audiovisual systems - Interconnections and matching values - Part 5: Y/C connector for video systems - Electrical matching values and description of the connector
Applies to the transfer of video signals between two pieces of equipment in an NTSC, PAL or SECAM high-resolution video system, in the form of a Y-signal, consisting of luminance + blanking + sync, and a C-signal, the same as the modulated chrominance signal of the composite video signal. It specifies the signal levels and impedances at the interface and the type of connector to be used.
prEVS 22859
Tähtaeg: 2002-12-01
Identne IEC 60933-3:1992
ja identne EN 60933-3:1992
Audio, video and audiovisual systems - Interconnections and matching values - Part 3: Interface for the interconnection of ENG cameras and portable VTRs using non-composite signals, for 625 line/50 field systems
Defines an interface which is designed to enable the Electronic News Gathering (ENG) signals produced in a non-composite form to be sent through a parallel link between a camera and a portable video tape recorder (VTR) which are separated by about 5 m to 10 m, instead of being combined in a camera recorder.
prEVS 23102
Tähtaeg: 2002-11-01
Identne IEC 60843-1:1993
ja identne EN 60843-1:1994
Helical-Scan video tape cassette system using 8 mm magnetic tape - 8 mm video - Part 1: General specifications
This part of IEC 843 applies to magnetic video recording and/or playback with 8 mm tape cassettes on two-head helical-scan video cassette recorders, suitable for the recording and/or playback of monochrome as well as colour television signals.
prEVS 27841
Tähtaeg: 2002-11-01
Identne IEC 61146-2:1997
ja identne EN 61146-2:1997
Video cameras (PAL/SECAM/NTSC) - Methods of measurement - Part 2: Two- and three-sensor professional cameras
This part of IEC 61146 applies to the assessment of performance of professional colour video cameras equipped with two and three tubes or solid state imagers, used for educational purposes and in other applications.This part of IEC 61146 defines test patterns, measurement conditions, and methods of measurement, so as to enable the comparison of the results of measurements. The methods of measurement are designed to enable the assessment of the performance of cameras by using light input from the lens and any electrical outputs of the cameras, for example, R-G-B signals, Y-C separate signals, and composite video signals.
prEVS 27875
Tähtaeg: 2002-11-01
Identne IEC 61146-1:1994
ja identne EN 61146-1:1996
Video cameras (PAL/SECAM/NTSC) - Methods of measurement - Part 1:Non-broadcast single-sensor cameras
This part of IEC 1146 is applicable to the assessment of performance of non-broadcast colour video cameras equipped with a single-tube or solid-state imager. This part of IEC 1146 defines test patterns and measurement conditions, so as to make possible the comparison of the results of measurements. The methods of measurement are designed to make possible the assessment of the performance of the camera by using the lens input and any electrical output terminals of the device (e.g. Y/C and composite).
prEVS 30717
Tähtaeg: 2002-11-01
Identne IEC 61016:1989+A1:1999
ja identne EN 61016:2001
Helical-scan digital component video cassette recording system using 19 mm magnetic tape (format D-1)

Applies to magnetic recording of one digital video and four digital audio signals using 19 mm tape cassettes. Is valid for TV signals in digital component form, generated according to the rules of CCIR Recommendations 601 and 656 and for digital audio signals according to IEC 958. Also describes the digital recording of ancillary data and the analogue recording of one cue track and the control track
prEVS 32978
Tähtaeg: 2002-11-01
Identne IEC 61146-3:1997
ja identne EN 61146-3:1997
Video cameras (PAL/SECAM/NTSC) - Methods of measurement - Part 3:Non-broadcast camera-recorders
The measuring methods described in this part of IEC 1146 concern the assessment of the performance of non-broadcast camera-recorders (NTSC/PAL/SECAM). The appropriate measurements are to be applied according to whether the camera-recorder has a tube or semi-conductor camera. In the case of a camera-recorder without playback capability, the details of the separate player used for the measurements shall be stated. In this standard, the characteristics apply to the camera-recorder as a complete entity.
prEVS 33589
Tähtaeg: 2002-11-01
Identne IEC 61146-4:1998
ja identne EN 61146-4:1998
Video cameras (PAL/SECAM/NTSC) - Methods of measurement - Part 4: Automatic functions of video cameras and camera-recorders
This part of IEC 61146 applies to the assessment of caracteristics of automatic functions which are implemented in colour video cameras and camera-recorders. The performance to be assessed in this standard is limited to automatic functions relating to light input from the lens and to the electronic output from video cameras and the video camera portions of camera-recorders. This standard defines test patterns, measurement conditions, methods of measurement and presentation of measured results so as to make possible the comparison of the results of measurement.
prEVS 38192
Tähtaeg: 2002-11-01
Identne IEC 60774-2:1999
ja identne EN 60774-2:2000
Helical-scan video tape cassette system using 12,65 mm (0,5 in) magnetic tape on type VHS - Part 2: FM audio recording
This part of IEC 60774 is applicable to frequency modulation (FM) audio recording fully compatible with the VHS system defined in IEC 60774-1. The object of this standard is to define the electrical and mechanical characteristics of FM audio recording which will provide for the interchangeability of recorded cassettes. The requirements given relate to 525 line-60 field and 625 line 50-field systems.
prEVS 53731
Tähtaeg: 2002-11-01
Identne IEC 61213:1993
ja identne EN 61213:1994
Analogue audio recording on video tape; polarity of magnetization
Applies to audio recording and processing, and gives requirements for the preservation of signal polarity, together with methods of test which are not already included in other standards. It is based on, and consistent with, the relevant text in IEC 60268-2, and the connector applications standardized in IEC 60268-11 and IEC 60268-12.
prEVS 53752
Tähtaeg: 2002-11-01
Identne IEC 60735:1991
ja identne EN 60735:1991
Measuring methods for video tape properties
Describes the measuring methods for evaluation of the properties of magnetic tapes for video recording reproduction. The following properties are considered: - mechanical; - electromagnetic and electrical; - tape on a video tape recorder.
prEVS 53753
Tähtaeg: 2002-11-01
Identne IEC 60756:1991
ja identne EN 60756:1993
Non-broadcast video tape recorders; time base stability
Specifies the time base errors of the monochrome as well as of the colour composite video signal reproduced from two head helical-scan domestic video recorders, recording one field on each track. This standard gives characteristics and maximum figures of the time base errors to make it possible to design the horizontal flywheel of television receivers so as to ensure stability on the screen.
prEVS 53754
Tähtaeg: 2002-11-01
Identne IEC 60774-1:1994
ja identne EN 60774-1:1994
Helican-scan video-tape cassette system using 12, 65 mm (0, 5 in) magnetic tape on type VHS; part 1: VHS and compact VHS video cassette system
Defines the electrical and mechanical parameters and the necessary characteristics of the VHS and the compact VHS video cassette system. The requirements relate to the 525 line-60 field and 625 line-50 field TV systems. Equipment manufactured according to this standard and tapes recorded following this standard, provide the necessary interchangeability of recorded video cassettes.
prEVS 53755
Tähtaeg: 2002-11-01
Identne IEC 60774-3:1993
ja identne EN 60774-3:1993
Helican-scan video tape cassette system using 12, 65 mm (0, 5 in) magnetic tape on type VHS; part 3: S-VHS
Applies to magnetic video recording on 12,65 mm (0,5 in) wide tape using the wide band VHS recording system.
prEVS 53958
Tähtaeg: 2002-11-01
Identne IEC 60961:1993
ja identne EN 60961:1994
Helican-scan video-tape cassette system using 12, 65 mm (0, 5 in) magnetic tape on type L
Applies to magnetic video recording and/or reproduction using 12,65 mm (0,5 in) tape on helical-scan video cassette recorders suitable for broadcast applications.

33.160.50 Lisaseadmed

Accessories

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22659
Tähtaeg: 2002-11-01
Identne IEC 61094-2:1992
ja identne EN 61094-2:1993

Measurement microphones - Part 2: Primary method for pressure calibration of laboratory standard microphones by the reciprocity technique
Applies to laboratory standard microphones meeting the requirements of IEC 1094-1 and other types of condenser microphones having the same mechanical dimensions or specifies a primary method of determining the pressure sensivity so as to establish a reproducible and accurate basis for the measurement of sound pressure.

33.160.60 Multimeedia süsteemid ja telekonverentsi seadmed

Multimedia systems and teleconferencing equipment

UUED STANDARDID

EVS-EN 61966-3:2002
Hind 247,00
Identne IEC 61966-3:2000
ja identne EN 61966-3:2000
Multimedia systems and equipment - Colour measurement and management - Part 3: Equipment using cathode ray tubes
The IEC 61966 standards are a series of methods and parameters for colour measurements and management for use in multimedia systems and equipment applicable to the assessment of colour reproduction. This part of IEC 61966 deals with equipment using cathode ray tubes (CRT) to display colour images for use in multimedia applications. This part of IEC 61966 defines input test signals, measurement conditions and methods of measurement, so as to make possible the colour management and comprehensive comparison of the results of measurement.

EVS-EN 61966-4:2002
Hind 247,00
Identne IEC 61966-4:2000
ja identne EN 61966-4:2000
Multimedia systems and equipment - Colour measurement and management - Part 4: Equipment using liquid crystal display panels
A series of characteristics for colour reproduction and management, and the associated methods of measurement for use in multimedia systems and equipment is applicable to the assessment of colour reproduction. This part 4 of IEC 61966 deals with equipment using transmissive type liquid crystal display (LCD) panels to display colour images for use in multimedia applications. This part of IEC 61966 defines input test signals, measurement conditions and methods of measurement, so as to make possible the colour management and comprehensive comparison of the results of measurement.

EVS-EN 61966-5:2002
Hind 247,00
Identne IEC 61966-5:2000
ja identne EN 61966-5:2001
Multimedia systems and equipment - Colour measurement and management - Part 5: Equipment using plasma display panels
Gives methods and parameters for colour measurements and management applicable to the assessment of colour production and reproduction for plasma display panels (PDP). Allows objective performance assessment and characterization. Defines test signals, measurement conditions, methods of measurement and reporting of measured data.

EVS-EN 61966-9:2002
Hind 229,00
Identne IEC 61966-9:2000
ja identne EN 61966-9:2000
Multimedia systems and equipment - Colour measurement and management - Part 9: Digital cameras
Applies to the assessment of colour reproduction of digital cameras used in open computer systems and similar applications. Deals with digital cameras designed to capture colour still images and moving images for use in multimedia applications.

33.180.01 Kiudoptikasüsteemid üldiselt

Fibre optic systems in general

UUED STANDARDID

EVS-EN 60825-2:2002
Hind 179,00
Identne IEC 60825-2:2000
ja identne EN 60825-2:2000
Safety of laser products - Part 2: Safety of optical fibre communication systems
Provides requirements and specific guidance for the safe use of optical fibre and/or control communication systems where optical power may be accessible at great distance from the optical source. Does not apply to optical fibre systems primarily designed to transmit optical power for applications such as material processing or medical treatment.

33.180.10 Optilised kiud ja kaablid

Fibres and cables

KAVANDITE ARVAMUSKÜSITLUS

prEVS 26341
Tähtaeg: 2002-11-01
Identne EN 187101:1995
Family Specification: Optical telecommunication cables to be used in ducts or direct buried application
This Family Specification covers Optical Telecommunication Cables to be used in ducts or direct buried application. Requirements of the Sectional Specification for Optical Telecommunication Cables are applicable to cables covered by this Standard.
prEVS 32015
Tähtaeg: 2002-11-01
Identne IEC 60794-3:2001
ja identne EN 60794-3:2002
Optical fibre cables - Part: Sectional specification - Outdoor cables
This part of IEC 794 specifies the requirements of single-mode optical fibre cables which are intended to be used primarily in public telecommunications networks. Other types of applications requiring similar types of cables can be considered.
prEVS 35659

Tähtaeg: 2002-11-01
Identne IEC 60794-1-2:1999
ja identne EN 60794-1-2:1999
Optical fibre cables - Part 1-2: Generic specification - Basic optical cable test procedures
This section of International Standard IEC 60794-1 applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques and to cables having a combination of both optical fibres and electrical conductors. The object of this section is to establish uniform requirements for the geometrical, transmission, material, mechanical, ageing (environmental exposure) and climatic characterisation of optical fibre cables, and electrical requirements where appropriate.
prEVS 53780
Tähtaeg: 2002-11-01
Identne EN 187104:2001
Family specification - Single-mode optical fibre cables to be used as underwater cables for lakes and river crossings etc.
This family specification covers optical telecommunication cables to be used as underwater cables. Types of cables included in this family specification are "underwater cables" for lakes, river crossings etc. and are for cable systems without power feeding requirements. This specification does not cover repair capability. Requirements of the sectional specification for optical telecommunication cables EN 187100 (EN 60794-3) are applicable to cables covered by this standard.
prEVS 53906
Tähtaeg: 2002-11-01
Identne EN 187000:1992
Generic specification: optical fibre cables
This specification applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques and to cables having a combination of both optical fibres and electrical conductors.
prEVS 53907
Tähtaeg: 2002-11-01
Identne EN 188000:1992
Generic specification: optical fibres
This standard applies to primary coated or buffered optical fibres for use in telecommunication equipment and in devices employing similar techniques.

33.180.20 Kiudoptika liitmikud

Fibre optic interconnecting devices

UUED STANDARDID

EVS-EN 61978-1:2002
Hind 212,00
Identne IEC 61978-1:2000
ja identne EN 61978-1:2001
Fibre optic passive dispersion compensators - Part 1: Generic specification
Applies to fibre optic passive dispersion compensators which are wavelength sensitive and may be polariyation sentive. Establishes uniform requirements and quality assessment procedures.

EVS-EN 61753-2-1:2002
Hind 179,00
Identne IEC 61753-2-1:2000
ja identne EN 61753-2-1:2000
Fibre optic interconnecting devices and passive components performance standard - Part 2-1: Fibre optic connectors terminated on single-mode fibre for category U; Uncontrolled environment
This standard contains the minimum requirements and severities which a single mode connector/cable assembly should satisfy in order to be categorised as meeting the IEC standard, Category U - Uncontrolled environment, as defined in annex A (Part 1 General and guidance). It contains optional grades of optical performance for the attenuation random mate and return loss tests.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 26334
Tähtaeg: 2002-11-01
Identne EN 186170:1998
Sectional Specification: Connector sets for optical fibres and cables - Type RCC
This sectional specification covers a family of single way multi-mode fibre optic connector sets which are classified as type RCC. The connector set featuring a self-locking screw thread coupling mechanism and butting 2.50 mm ferrules. The fiber alignment mechanism is self-contained within the plug. There are six options for keyed mechanical orientation, and universal mechanical orientation for test equipment application.
prEVS 30574
Tähtaeg: 2002-11-01
Identne EN 186290:1997
Sectional Specification: Connector sets for optical fibres and cables - Type MPO
This specification covers type MPO fibre optic connector sets. Type MPO defines a multiway connector characterised by a rectangular ferrule nominally 6,4 mm x 2,5 mm which utilises two pins of 0,7 mm diameter as its alignment technology. It is applicable to a joint of multiple fibres by arranging them between two pin-positioning holes in the plug.
prEVS 33109
Tähtaeg: 2002-11-01
Identne EN 181103:1997
Blank Detail Specification: Fibre optic branching devices - Type: Non wavelength selective transmissive star for telecommunication application
This specification is a BDS for Fibre Optic Branching Devices of the "Non wavelenght selective transmissive star`` type.
prEVS 33111
Tähtaeg: 2002-11-01
Identne EN 181104:1997
Blank Detail Specification: Fibre optic branching devices - Type: Wavelength selective transmissive star for telecommunication application
This specification is a BDS for Fibre Optic Branching Devices of the ``Wavelenght selective transmissive star`` type.
prEVS 33112
Tähtaeg: 2002-11-01
Identne EN 186300:1999
Sectional Specification: Connector sets for optical fibres and cables - Type MSC

This sectional specification covers a family of single way fibre optic connector sets which are classified as type MSC. Type MSC is a connector set of the plug-adaptor-plug configuration. It features a push-pull coupling mechanism and cylindrical butting ferrules. The optical alignment mechanism is a split sleeve contained within the adaptor. The specification contains the requirements for type MSC connector sets.
prEVS 36079
Tähtaeg: 2002-11-01
Identne EN 186270:1997
Sectional Specification: Connector sets for optical fibres and cables - Type LSH
This SS covers a family of single way fibre optic connector sets which are classified as type LSH. Type LSH is a connector set of plug-adaptor-plug configuration. It features a locked latch push-pull coupling mechanism and a cylindrical butting ferrule. The optical alignment mechanism may be a split sleeve or a rigid bore contained within the adaptor.
prEVS 36080
Tähtaeg: 2002-11-01
Identne EN 186260:1997
Sectional Specification: Connector sets for optical fibres and cables - Type SC
This sectional specification covers a family of single way fibre optic connector sets which are classified as type SC. Type SC is a connector set of the plug-adaptor-plug configuration. It features a push-pull coupling mechanism and cylindrical butting ferrules. The optical alignment mechanism is a split sleeve contained within the adaptor.
prEVS 38050
Tähtaeg: 2002-11-01
Identne EN 186310:1999
Sectional Specification: Connector sets for optical fibres and cables - Type MF
This specification covers Type MF fibre optic connector sets.The specification contains the requirements for Type MF connector sets to fix into a housing suitable for back plane use.
prEVS 39007
Tähtaeg: 2002-11-01
Identne IEC 61202-1:2000
ja identne EN 61202-1:2000
Fibre optic isolators - Part 1: Generic specification
This part of IEC 61202 applies to isolators used in the field of fibre optics. These have all of the following general features: - they are non-reciprocal optical devices, in which each port is either a fibre or a pig-tail connector; - they are passive components containing no opto-electronic or other transducing elements; - they have two optical ports for directionally transmitting optical power. This standard establishes uniform requirements for the following: - fibre optic isolator requirements; - quality assessment procedures.
prEVS 53783
Tähtaeg: 2002-11-01
Identne EN 50377-2-1:2001
Connector sets and interconnect components to be used in optical fibre communication systems - Product specifications - Part 2-1: Type FC-PC terminated on IEC 60793-2 category B1 singlemode fibre
This specification contains the initial, start of life dimensional, optical, mechanical and environmental performance requirements which a terminated and assembled singlemode resilient alignment sleeve FC/PC connector set (plug adaptor plug) must meet in order for it to be categorised as an EN standard product. Since different variants and grades of performance are permitted, product marking details are given in 3.5.
prEVS 53784
Tähtaeg: 2002-11-01
Identne EN 50377-3-1:2001
Connector sets and interconnect components to be used in optical fibre communication systems - Product specifications - Part 3-1: Type SG terminated on IEC 60793-2 category A1a and A1b multimode fibre
This specification contains the initial, start of life dimensional, optical, mechanical and environmental performance requirements which a terminated and assembled multimode V-groove alignment SG connector set (plug socket) must meet in order for it to be categorised as an EN standard product. Product marking details are given in 3.5.
prEVS 53892
Tähtaeg: 2002-11-01
Identne EN 186001:1993
Blank detail specification: connectors for optical fibres and cables; environmental category I
This BDS is not by itself a specification level. It forms part of the CECC specification system and applies to environmental category III.
prEVS 53893
Tähtaeg: 2002-11-01
Identne EN 181102:1994
Blank detail specification: Fibre optic branching devices - Type: Wavelength selective transmissive star
This specification is a BDS for Fibre Optic Branching Devices of the ``Wavelenght selective transmissive star`` type. This includes instructions for preparing a DS.
prEVS 53894
Tähtaeg: 2002-11-01
Identne EN 181101:1994
Blank detail specification: Fibre optic branching devices - Type: Non wavelength selective transmissive star
This specification is a BDS Fibre Optic Branching Devices of the ``Non wavelenght selective transmissive star`` type. This includes instructions for preparing a DS.
prEVS 53895
Tähtaeg: 2002-11-01
Identne EN 181000:1994
Generic specification: Fibre optic branching devices
This specification is applicable to fibre optic branching devices. These have all of the following general features:-they are passive in that they contain no optoelectronic or other transducing elements; - they have three or more ports for the ingress and/or egress of optical power and share optical power among these ports in a predetermined fashion; -the ports are optical fibres or optical fibre connectors.
prEVS 53898
Tähtaeg: 2002-11-01
Identne EN 186002:1993
Blank detail specification: connectors for optical fibres and cables; environmental category II
This BDS is not by itself a specification level. It forms part of the CECC specification system and applies to environmental category III.
prEVS 53899

Tähtaeg: 2002-11-01
Identne EN 186003:1993
Blank detail specification: connectors for optical fibres and cables; environmental category III
This BDS is not by itself a specification level. It forms part of the CECC specification system and applies to environmental category III.
prEVS 53900
Tähtaeg: 2002-11-01
Identne EN 186004:1993
Blank detail specification: connectors for optical fibres and cables; environmental category IV
This BDS is not by itself a specification level. It forms part of the CECC specification system and applies to environmental category III.
prEVS 53902
Tähtaeg: 2002-11-01
Identne EN 186005:1993
Blank detail specification: connectors for optical fibres and cables; environmental category V
This BDS is not by itself a specification level. It forms part of the CECC specification system and applies to environmental category III.
prEVS 53904
Tähtaeg: 2002-11-01
Identne EN 186100:1994
Sectional specification: connector sets for optical fibres and cables; type F-SMA
This specification covers Type F-SMA fibre optic connector sets. Type F-SMA defines a singleway connector characterized by a 1/4 36 UNS screw thread coupling mechanism and a sylindrical ferrule of 3,175 mm nominal diameter.
prEVS 53905
Tähtaeg: 2002-11-01
Identne EN 186110:1994
Sectional specification: Connector sets for optical fibres and cables - Type FC
This specification covers a family of fibre optic connector sets classified as Type FC. Type FC is a single way keyed connector characterized by a M8 x 0,75 screw thread coupling mechanism and spring-loaded, sylindrical, butting ferrules of 2,5 mm nominal diameter.

35.040
Märgistikud ja informatsiooni kodeerimine

Character sets and information coding

UUED STANDARDID

EVS-EN 61966-9:2002
Hind 229,00
Identne IEC 61966-9:2000
ja identne EN 61966-9:2000
Multimedia systems and equipment - Colour measurement and management - Part 9: Digital cameras
Applies to the assessment of colour reproduction of digital cameras used in open computer systems and similar applications. Deals with digital cameras designed to capture colour still images and moving images for use in multimedia applications.

35.060
Infotehnoloogias kasutatavad keeled

Languages used in information technology

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22500
Tähtaeg: 2002-11-01
Identne IEC 61131-3:1993
ja identne EN 61131-3:1993
Programmable controllers - Part 3: Programming languages
This European Standard applies to the printed and displayed representation, using characters of the ISO/IEC 646 character set, of the programming languages to be used for programmable controllers. Specifies the syntax and semantics.
prEVS 33381
Tähtaeg: 2002-11-01
Identne IEC 61131-1:1992
ja identne EN 61131-1:1994
Programmable controllers - Part 1: General information
The International Standard IEC 1131 applies to programmable controllers and their associated peripherals such as programming and debugging tools (PADTs), test equipment (TE) and man-machnie interfaces (MMIs), etc. Equipment covering in this standard is intended for use in overvoltage category II (see IEC 364-4-443), in low voltage installations, where the rated mains supply voltage does not exceed 1000 V a.c. (50/60 Hz), or 1500 V d.c., for the control and command of machines and industrial processes.

35.180
Lõppseadmed jm välisseadmed

IT terminal and other peripheral equipment

UUED STANDARDID

EVS-EN 61966-5:2002
Hind 247,00
Identne IEC 61966-5:2000
ja identne EN 61966-5:2001
Multimedia systems and equipment - Colour measurement and management - Part 5: Equipment using plasma display panels
Gives methods and parameters for colour measurements and management applicable to the assessment of colour production and reproduction for plasma display panels (PDP). Allows objective performance assessment and characterization. Defines test signals, measurement conditions, methods of measurement and reporting of measured data.

35.200
Liidestus- ja ühendusseadmed

Interface and interconnection equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22573
Tähtaeg: 2002-11-01
Identne IEC 61107:1996
ja identne EN 61107:1996
Data exchange for meter reading, tariff and load control - Direct local data exchange
Specifies hardware and protocol specifications for local systems. Deals with direct local systems, in which the hand held unit is connected to one tariff device only at a time.

35.240.50
IT rakendused tööstuses

IT applications in industry

KAVANDITE ARVAMUSKÜSITLUS

prEVS 13818
Tähtaeg: 2002-12-01
Identne ISO/DIS 19439:2002
ja identne prEN ISO 19439:2002
Enterprise integration - Framework for enterprise modelling
This International/European standard specifies a framework that serves as a common basis to identify and co-ordinate standards development for computer-based modelling of enterprises, emphasising, but not restricted to, computer integrated manufacturing. The standard also serves as the basis for further standards for the development of models that will be computer-enactable and enable business process model-based decision support leading to model-based operation, monitoring and control

prEVS 22500
Tähtaeg: 2002-11-01
Identne IEC 61131-3:1993
ja identne EN 61131-3:1993
Programmable controllers - Part 3: Programming languages
This European Standard applies to the printed and displayed representation, using characters of the ISO/IEC 646 character set, of the programming languages to be used for programmable controllers. Specifies the syntax and semantics.

prEVS 33381
Tähtaeg: 2002-11-01
Identne IEC 61131-1:1992
ja identne EN 61131-1:1994
Programmable controllers - Part 1: General information
The International Standard IEC 1131 applies to programmable controllers and their associated peripherals such as programming and debugging tools (PADTs), test equipment (TE) and man-machnie interfaces (MMIs), etc. Equipment covering in this standard is intended for use in overvoltage category II (see IEC 364-4-443), in low voltage installations, where the rated mains supply voltage does not exceed 1000 V a.c. (50/60 Hz), or 1500 V d.c., for the control and command of machines and industrial processes.

35.240.60
IT rakendused transpordis ja kaubanduses

IT applications in transport and trade

UUED STANDARDID

EVS-EN 50159-1:2002
Hind 109,00
Identne EN 50159-1:2001
Railway applications - Communication, signalling and processing systems - Part 1: Safety-related communication in closed transmission systems
This European Standard is applicable to safety-related electronic systems using a closed transmission system for communication purposes. It gives the basic requirements needed in order to achieve safety-related communication between safety-related equipment connected to the transmission system. This standard is applicable to the safety requirement specification and design of the communication system in order to obtain the assigned safety integrity level.

EVS-EN 50159-2:2002
Hind 190,00
Identne EN 50159-2:2001
Railway applications - Communication, signalling and processing systems - Part 1: Safety-related communication in open transmission systems
This European Standard is applicable to safety-related electronic systems using an open transmission system for communication purposes. It gives the basic requirements needed in order to achieve safety-related communication between safety-related equipment connected to the transmission system. This standard is applicable to the safety requirement specification of the safety-related equipment, connected to the open transmission system, in order to obtain the allocated safety integrity level.

37.040
Fotograafia

Photography

UUED STANDARDID

EVS-EN 61966-9:2002
Hind 229,00
Identne IEC 61966-9:2000
ja identne EN 61966-9:2000
Multimedia systems and equipment - Colour measurement and management - Part 9: Digital cameras
Applies to the assessment of colour reproduction of digital cameras used in open computer systems and similar applications. Deals with digital cameras designed to capture colour still images and moving images for use in multimedia applications.

37.080
Mikrograafia

Document imaging applications

UUED STANDARDID

EVS-EN 61966-3:2002
Hind 247,00
Identne IEC 61966-3:2000
ja identne EN 61966-3:2000
Multimedia systems and equipment - Colour measurement and management - Part 3: Equipment using cathode ray tubes
The IEC 61966 standards are a series of methods and parameters for colour measurements and management for use in multimedia systems and equipment applicable to the assessment of colour reproduction. This part of IEC 61966 deals with equipment using cathode ray tubes (CRT) to display colour images for use in multimedia applications. This part of IEC 61966 defines input test signals, measurement conditions and methods of measurement, so as to make possible the colour management and comprehensive comparison of the results of measurement.

43.040.10
Elektriseadmed

Electrical and electronic equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 27667
Tähtaeg: 2002-11-01
Identne IEC 60095-2:1984
ja identne EN 60095-2:1993 + A11:1994

Lead-acid starter batteries - Part 2: Dimensions of batteries and dimensions and marking of terminals
This standard is applicable to lead-acid batteries with a nominal voltage of 12 V, used primarily as a power source for starting and ignition of internal combusion engines, lighting and also for auxiliary equipment of internal combustion engine vehicles. These batteries are commonly called "Starter batteries". This standard is not applicable to batteries for other purposes, for example the starting of railcar internal combustion engines.

43.100 Sõiduautod. Haagiselamud ja järelkärud (kergehaagised)

Passenger cars. Caravans and light trailers

KAVANDITE ARVAMUSKÜSITLUS

prEVS 16316
Tähtaeg: 2002-12-01
Identne EN 1949:2002
Specification for the installation of LPG systems for habitation purposes in leisure accomodation vehicles and in other road vehicles
This European Standard specifies the requirements for the installation of liquefied petroleum gas systems for habitation purposes in leisure accommodation vehicles and in other road vehicles. It details safety and health requirements on the selection of materials, components and appliances, on design considerations and soundness testing of installations and on the contents of the user's handbook
prEVS 53921
Tähtaeg: 2002-12-01
Identne prEN 1645-1:2002
Leisure accommodation vehicles - Caravans - Part 1: Habitation requirements relating to health and safety
This European Standard specifies requirements intended to ensure the safety and health of people when they use caravans for temporary or seasonal habitation. It also specifies the corresponding test methods. EN 1645-2 gives requirements relating to user payloads for caravans
prEVS 53922
Tähtaeg: 2002-12-01
Identne prEN 1646-1:2002
Leisure accommodation vehicles - Motor caravans - Part 1: Habitation requirements relating to health and safety
This European Standard specifies requirements intended to ensure the safety and health of persons when they use motor caravans for temporary or seasonal habitation. It also specifies the corresponding test methods
prEVS 53923
Tähtaeg: 2002-12-01
Identne prEN 1647:2002
Leisure accommodation vehicles - Caravan holiday homes - Habitation requirements relating to health and safety
This European Standard specifies requirements intended to ensure safety and health of persons using caravan holiday homes as defined in clause 3, as temporary or seasonal accommodation
prEVS 53924
Tähtaeg: 2002-12-01
Identne prEN 1648-1:2002
Leisure accommodation vehicles - 12 V direct current extra low voltage electrical installations - Part 1: Caravans
This European Standard specifies safety, health and functional requirements for 12 V direct current (DC) extra low voltage (ELV) electrical installations for habitation aspects of caravans. It covers the design and integration of the caravan system with the towing vehicle system
prEVS 53927
Tähtaeg: 2002-12-01
Identne prEN 1648-2:2002
Leisure accommodation vehicles - 12 V direct current extra low voltage electrical installations - Part 2: Motor caravans
This European Standard specifies safety, health and functional requirements for 12 V direct current (DC) extra low voltage (ELV) electrical installations for habitation aspects of motor caravans

45.020 Raudteetehnika üldküsimused

Railway engineering in general

UUED STANDARDID

EVS-EN 50126:2002
Hind 247,00
Identne EN 50126:1999
Railway applications - The specification and demonstration of reliability, availability, maintainability and safety (RAMS)
This European Standard: - defines RAMS in terms of reliability, availabiliy, maintainability and safety and their interaction; - defines a process, based on the system lifecycle and tasks within it, for managing RAMS; - enables conflicts between RAMS elements to be controlled and managed effectively; - defines a systematic process for specifying reqiurements for RAMS and demonstrating that these requirements are achieved; - adresses railway specifics; - does not define RAMS targets, quantities, requirements or solutions for specific railway applications; - does not specify requirements for ensuring system sucurity; - does not define rules or processes pertaining to the certification of railway produkts against the requirements of this standard; - does not define an approval process by the safety regulatory authority. This European Standard is applicable: - to the specification and demonstration of RAMS for all railway applications and at all levels of such an application, as appropriate, from complete railway routes to major systems within a railway route, and to individual and combined sub-systems and components within these major systems, including those containing software; - at all relevant phases of the lifecycle of an application; - for

use by Railway Authorities and the railway support industry.

EVS-EN 50121-4:2002
Hind 126,00
Identne EN 50121-4:2000
Railway applications - Electromagnetic compatibility - Part 4: Emission and immunity of the signalling and telecommunications apparatus
This Standard specifies limits for emission and immunity and provides performance criteria for signalling and telecommunications (S&T) apparatus which may interfere with other apparatus in the railway environment, or increase the total emissions for the railway environment beyond the limits defined in the appropriate standard, and so risk causing Electro-magnetic Interference (EMI) to apparatus outside the railway system

EVS-EN 50121-5:2002
Hind 146,00
Identne EN 50121-5:2000
Railway applications - Electromagnetic compatibility - Part 5: Emission and immunity of fixed power supply installations and apparatus
This standard applies to emission and immunity aspects of EMC for electrical and electronic apparatus and components intended for use in railway fixed installations associated with power supply. This includes the power feed to the apparatus, the apparatus itself with its protective control circuits, conductors at railway system voltage but not carrying current (e.g. overhead contact lines), trackside items such as, switching stations, power autotransformers, bootster transformers, substation power switchgear and power switchgear to other longitudinal and local supplies

EVS-EN 50122-1:2002
Hind 259,00
Identne EN 50122-1:1997
Railway applications - Fixed installations - Part 1: Protective provisions relating to electrical safety and earthing
This standard specifies requirements for the protective provisions relating to electrical safety in fixed installations associated with a.c. - and d.c. - traction systems and to any installations that may be endangered by the traction power supply system

EVS-EN 50123-5:2002
Hind 179,00
Identne EN 50123-5:1997+A1:1999
Railway applications - Fixed installations - D.C. switchgear - Part 5: Surge arresters and low-voltage limiters for specific use in d.c. systems
Divisions 1, 2, 3, and 4 of EN 50123-5 cover particular requirements for surge arresters for specific use in fixed installations of d.c. traction systems. These are surge arresters consisting of one or more nonlinear resistors which may be in series with single or multiple spark gaps. Low-voltage limiters are covered under 5 of this EN 50123-5. These are protective devices mainly used to connect certain portions of the circuit, in case of voltages exceeding,because of an abnormal situation,a predetermined limited value. They are not used in general to provide surge protection

EVS-EN 50125-1:2002
Hind 109,00
Identne EN 50125-1:1999
Railway applications - Environmental conditions for equipment - Part 1: Equipment on board rolling stock
This standard takes into account environmental conditions within Europe. It can also be applied elsewhere by agreement. The scope of this standard covers the use of on board electrical and electronic equipment for rolling stock, with the following parameters: Altitude, Temperature, Humidity, Air movement, Rain, Snow and Hail, Ice, Solar radiation, Lightning, Pollution, Vibrations and Shocks, Electromagnetic interference environment, Acoustic noise environment, Supply System characteristics

EVS-EN 50152-1:2002
Hind 212,00
Identne EN 50152-1:1997
Railway applications - Fixed installations - Particular requirements for a.c. switchgear - Part 1: Single-phase circuit-breakers with Um above 1 kV
This EN 50152-1 is applicable to single-phase a.c. one-pole circuit-breakers designed for indoor or outdoor fixed installations for operation at frequencies of 16 2/3 Hz and 50 Hz on traction systems having an U Nm above 1 kV up to 52 kV.

EVS-EN 50152-2:2002
Hind 101,00
Identne EN 50152-2:1997
Railway applications - Fixed installations - Particular requirements for a.c. switchgear - Part 2: Single-phase disconnectors, earthing switches and switches with Um above 1 kV
This Part of EN 50152 is applicable to single-phase a.c. one-pole disconnectors, earthing switches and switches (switch-disconnectors and general purpose switches) designed for indoor or outdoor fixed installations for operation at frequencies of 16 2/3 Hz and 50 Hz on traction systems having an U Nm above 1 kV up to 52 kV.

EVS-EN 50159-1:2002
Hind 109,00
Identne EN 50159-1:2001
Railway applications - Communication, signalling and processing systems - Part 1: Safety-related communication in closed transmission systems
This European Standard is applicable to safety-related electronic systems using a closed transmission system for communication purposes. It gives the basic requirements needed in order to achieve safety-related communication between safety-related equipment connected to the transmission system. This standard is applicable to the safety requirement specification and design of the communication system in order to obtain the assigned safety integrity level.

EVS-EN 50159-2:2002
Hind 190,00
Identne EN 50159-2:2001
Railway applications - Communication, signalling and processing systems - Part 1: Safety-related communication in open transmission systems
This European Standard is applicable to safety-related electronic systems using an open transmission system for communication purposes. It gives

the basic requirements needed in order to achieve safety-related communication between safety-related equipment connected to the transmission system. This standard is applicable to the safety requirement specification of the safety-related equipment, connected to the open transmission system, in order to obtain the allocated safety integrity level.

45.060.00
Raudtee veerem

Railway rolling stock. General

UUED STANDARDID

EVS-EN 50153:2002
Hind 146,00
Identne EN 50153:1996
Railway applications - Rolling stock - Protective provisions relating to electrical hazards
This standard states a set of rules that are applied in the design and manufacture of electrical installations and equipment to be used on rolling stock so as to protect the persons from electric shocks. The methods used to satisfy the rules may be different, according to the procedures and practices of the operating organization. This standard is applicable to vehicles of rail transport systems, road vehicles powered by an external supply (trolley buses), magnetic levitated vehicles and to the electrical equipment installed in these vehicles.

45.060.01
Raudtee veerem üldiselt

Railway rolling stock in general

UUED STANDARDID

EVS-EN 50121-3-1:2002
Hind 101,00
Identne EN 50121-3-1:2002
Railway applications - Electromagnetic compatibility - Part 3-1: Rolling stock; Train and complete vehicle
This European Standard specifies the emission and immunity requirements for all types of rolling stock. It covers traction stock and trainsets as well as independent hauled stock (for individual definitions see clause 4). The frequency range considered is from DC to 400 GHz. At present, testing is not defined for frequencies above 1 GHz

EVS-EN 50121-3-2:2002
Hind 109,00
Identne EN 50121-3-2:2002
Railway applications - Electromagnetic compatibility - Part 3-2: Rolling stock; Apparatus
This Standard applies to emission and immunity aspects of EMC for electrical and electronic apparatus intended for use on railway rolling stock. The frequency range considered is from DC to 400 GHz. At present, testing is not defined for frequencies above 1 GHz. The application of tests shall depend on the particular apparatus, its configuration, its ports, its technology and its operating conditions

45.060.10
Vedurid

Tractive stock

UUED STANDARDID

EVS-EN 50128:2002
Hind 283,00
Identne EN 50128:2001
Railway applications - Communications, signalling and processing systems - Software for railway control and protection systems
This European Standard specifies procedures and technical requirements for the development of programmable electronic systems for use in railway control and protection applications. It is aimed at use in any area where there are safety implications. These may range from the very critical, such as safety signalling to the non-critical, such as management information systems. These systems may be implemented using dedicated microprocessors, programmable logic controllers, multiprocessor distributed systems, larger scale central processor systems or other architectures.

EVS-EN 50155:2002
Hind 190,00
Identne EN 50155:2001
Railway applications - Electronic equipment used on rolling stock
This standard applies to all electronic equipment for control, regulation, protection, supply, etc., installed on rail vehicles and associated with: - either the accumulator battery of the vehicle; - or a low voltage power supply source with or without a direct connection to the contact system (transformer, potentiometer device, auxiliary supply); with the exception of electronic power circuits, which conform to EN 50207.

47.020.01
Laevaehituse ja mereehitistega seotud üldised standardid

General standards related to shipbuilding and marine stuctures

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53790
Tähtaeg: 2002-12-01
Identne EN 13195-1:2002
Aluminium and aluminium alloys - Wrought and cast products for marine applications (shipbuilding, marine and offshore) - Part 1: Specifications
This European Standard specifies properties and technical conditions for inspection and delivery of wrought and cast aluminium and aluminium alloy products recommended for marine applications such as shipbuilding, maritime and offshore applications

47.020.50
Tekid, tekiseadmed

Deck equipment and installations

UUED STANDARDID

EVS-EN 13711:2002
Hind 92,00
Identne EN 13711:2002
Inland navigation vessels - Winches for ship operation - Safety requirements

This European Standard specifies safety requirements for winches for ship operation. These winches are windlasses, mooring winches, towing winches, mast and funnel winches, boat winches. The standard is not applicable to: - cargo winches as specified in ISO 3078; - winches on recreational craft in accordance with "Directive 94/25/EC of the European Parliament and of the Council of 16 June 1994 on the approximation of laws, regulations and administrative provisions of the Member States relating to recreational craft"; - manually-operated coupling winches for push-tows as specified in ISO 6218; - movable or fixed lifting devices (chain hoists etc.}; - rackwork and hydraulic equipment and similar devices (e.g. wheelhouse lift).

47.020.70 Navigatsiooni- ja juhtimisseadmed

Navigation and control equipment

UUED STANDARDID

EVS-EN 61996:2002
Hind 199,00
Identne IEC 61996:2000
ja identne EN 61996:2000
Maritime navigation and radiocommunication equipment and systems - Shipborne voyage data recorder (VDR) - Performance requirements - Methods of testing and required test results
AThis International Standard specifies the minimum performance requirements, technical characteristics and methods of testing, and required test results, for shipborne voyage data recorder (VDR) installations as required by Chapter (V) of the International Convention for Safety of Life at Sea (SOLAS):1974, as amended. It takes account of IMO resolution A.694 and is associated with IEC 60945. When a requirement in this standard is different from IEC 60945, the requirement in this standard takes precedence.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22589
Tähtaeg: 2002-11-01
Identne IEC 61097-1:1992
ja identne EN 61097-1:1993
Global maritime distress and safety system (GMDSS) - Part 1: Radar transponder - Marine search and rescue (SART) - Operational and performance requirements, methods of testing and required test results
Specifies the performance standards and type testing of marine radar transponders used in search and rescue operations at sea (SART), as required by the relevant regulations of the international SOLAS convention. Is associated with IEC 936 and IEC 945.
prEVS 22855
Tähtaeg: 2002-12-01
Identne IEC 60936:1988
ja identne EN 60936:1993
Shipborne radar - Operational and performance requirements - Methods of test and required test results
Specifies the performance and type testing of shipborne radar required by Regulation 12 of Chapter V of the International Convention for the Safety of Life at Sea (SOLAS) 1974.
prEVS 32693
Tähtaeg: 2002-11-01
Identne IEC 61108-2:1998
ja identne EN 61108-2:1998
Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS) - Part 2: Global navigation satellite system (GLONASS) - Receiver equipment - Performance standards, methods of testing and required test results
This International Standard specifies the minimum performance standards, methods of testing and required test results for GLONASS shipborne receiver equipment, based upon IMO Resolution MSC.(XX) (66), which use the signals from the Russian Ministry of Defense Global Navigation Satellite System (GLONASS), in order to determine position. This receiver standard applies to phases of the voyage in "other waters" as defined in IMO Resolution A.529.
prEVS 32855
Tähtaeg: 2002-11-01
Identne IEC 61162-2:1998
ja identne EN 61162-2:1998
Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 2: Single talker and multiple listeners, high-speed transmission
This part of IEC 61162 contains the requirements for data communication between maritime electronic instruments, navigation and radiocommunication equipment when interconnected via an appropriate interface. This standard is intended to support one-way serial data transmission from a single talker to one or more listeners. This data is in printable ASCII form and may include any information as specified by approved sentences or information coded according to the rules for proprietary sentences.
prEVS 32867
Tähtaeg: 2002-11-01
Identne IEC 61174:2001
ja identne EN 61174:2001
Maritime navigation and radiocommunication equipment and systems - Electronic chart display and information system (ECDIS) - Operational and performance requirements, methods of testing and required test results
This International Standard specifies the performance requirements, methods of testing and required test results of equipment conforming to performance standards not inferior to those adapted by the IMO resolution A.817. This standard is based upon the performance standards of IMO resolution A.817, and is also associated with IMO resolution A.694 and IEC 60945. Reference is made, where appropriate, to IMO resolution A.817, and all subclauses whose wording is identical to that in the resolution are printed in italics.
prEVS 34384
Tähtaeg: 2002-12-01
Identne IEC 60936-2:1998
ja identne EN 60936-2:1999
Maritime navigation and radiocommunication equipment and systems - Radar - Part 2: Shipborne radar for high speed craft (HSC) - Methods of testing and required test results

This International standard specifies the minimum operational and performance requirements, methods of testing and required test results as required by IMO resolution A.820 and Chapter X of the high speed craft (HSC) code. It complies with the requirements of 13.13 of the HSC code and incorporates applicable parts of 13.5 of the HCS code on radar installations. In addition it takes account of IMO resolution A.694 and is associated with IEC 60945. When a requirement in this standard is different from IEC 60945, the requirements in this standard takes precedence.
prEVS 35647
Tähtaeg: 2002-11-01
Identne IEC 61209:1999
ja identne EN 61209:1999
Maritime navigation and radiocommunication equipment and systems - Integrated Bridge Systems (IBS) - Operational and performance requirements, methods of testing and required test results
This International Standard specifies the minimum requirements for the design, manufacture, integration and testing of integrated bridge systems (IBS) to comply with IMO resolution MSC 64.(67) annex 1 of the International Maritime Organization, and other relevant IMO performance standards, in order to meet the functional requirements contained in applicable IMO instruments, not precluding multiple usage of equipment and modules or the need for duplication. This International Standard aims to increase safe and efficient ship's management by suitably qualified personnel taking care of, inter alia, uninterrupted functional availability of systems and of human factors.
prEVS 38904
Tähtaeg: 2002-12-01
Identne IEC 60936-1:1999
ja identne EN 60936-1:2000
Maritime navigation and radiocommunication equipment and systems - Radar - Part 1: Shipborne radar - Performance requirements - Methods of test and required test results
This International Standard specifies the minimum performance requirements, methods of testing and required test results for conformance to performance standards not inferior to those required by IMO resolution MSC.64(67), Annex 4, Radar. In addition it takes account of IMO resolution A.694 and is associated with IEC 60945. When a requirements of this standard is different from IEC 60945, the requirement in this standard shall take precedence. This standard does not include the optional performance requirements for superimposition of selected parts of SENC information. These are specified in IEC 60936-3 - Radar with chart facilities.

47.060
Siseveelaevad

Inland navigation vessels

UUED STANDARDID

EVS-EN 13711:2002
Hind 92,00
Identne EN 13711:2002
Inland navigation vessels - Winches for ship operation - Safety requirements
This European Standard specifies safety requirements for winches for ship operation. These winches are windlasses, mooring winches, towing winches, mast and funnel winches, boat winches. The standard is not applicable to: - cargo winches as specified in ISO 3078; - winches on recreational craft in accordance with "Directive 94/25/EC of the European Parliament and of the Council of 16 June 1994 on the approximation of laws, regulations and administrative provisions of the Member States relating to recreational craft"; - manually-operated coupling winches for push-tows as specified in ISO 6218; - movable or fixed lifting devices (chain hoists etc.}; - rackwork and hydraulic equipment and similar devices (e.g. wheelhouse lift).

47.080
Väikelaevad

Small craft

UUED STANDARDID

EVS-EN ISO 12217-1:2002
Hind 199,00
Identne ISO 12217-1:2002
ja identne EN ISO 12217-1:2002
Small craft - Stability and buoyancy assessment and categorization - Part 1: Non-sailing boats of hull length greater than or equal to 6 m
This part of ISO 12217 specifies methods for evaluating the stability and buoyancy of intact boats. The flotation characteristics of boats vulnerable to swamping are also encompassed.

EVS-EN ISO 12217-2:2002
Hind 212,00
Identne ISO 12217-2:2002
ja identne EN ISO 12217-2:2002
Small craft - Stability and buoyancy assessment and categorization - Part 2: Sailing boats of hull length greater than or equal to 6 m
This part of ISO 12217 specifies methods for evaluating the stability and buoyancy of intact boats. The floation characteristics of boats vulnerable to swamping are also encompassed.

49.030.20
Poldid, kruvid, tikkpoldid

Bolts, screws, studs

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53758
Tähtaeg: 2002-12-01
Identne prEN 3274:2002
Aerospace series - Bolts, double hexagon head, relieved shank, long thread, in titanium alloy TI-P63, MoS2 coated - Classification: 1 100 MPa (at ambient temperature)
This standard specifies the characteristics of double hexagon headed bolts with relieved shank and long thread, in titanium alloy TI-P63, MoS2 coated, for aerospace applications.
Classification: 1 100 MPa 1)
prEVS 53759
Tähtaeg: 2002-12-01
Identne prEN 3818:2002

Aerospace series - Bolts with MJ threads, in titanium alloy TIP63 - Classification: 1 100 MPa (at ambient temperature) - Technical Specification
This standard specifies the characteristics, qualification and acceptance requirements for bolts with MJ threads in TI-P63. Classification : 1 100 MPa 1)) It is applicable whenever referenced
prEVS 53766
Tähtaeg: 2002-12-01
Identne prEN 3725:2002
Aerospace series - Bolts, pan head, six lobe recess, normal shank, long thread, in titanium alloy TI-P63, MoS2 coated - Classification: 1 100 MPa (at ambient temperature)
This standard specifies the characteristics of pan head bolts with six lobe recess, normal shank and long thread, in TI-P63, MoS2 coated, for aerospace applications

49.030.30
Mutrid

Nuts

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53760
Tähtaeg: 2002-12-01
Identne prEN 4011:2002
Aerospace series - Nuts, bihexagonal, self-locking, in heat resisting nickel base alloy NI-P100HT (Inconel 718), silver plated - Classification: 1 550 MPa (at ambient temperature)/600°C
This standard specifies the characteristics of self-locking bihexagonal nuts in NI-P100HT, silver plated, for aerospace applications. Classification : 1 550 MPa 1)/600 °C 2)
prEVS 53761
Tähtaeg: 2002-12-01
Identne prEN 4013:2002
Aerospace series - Shank nuts, self-locking, in heat resisting nickel base alloy NI-P100HT (Inconel 718), silver plated - Classification: 1 550 MPa (at ambient temperature)/600°C
This standard specifies the characteristics of self-locking shank nuts in NI-P100HT, silver plated, for aerospace applications
prEVS 53772
Tähtaeg: 2002-12-01
Identne prEN 4123:2002
Aerospace series - Shank nuts, self-locking, in heat resisting nickel base alloy NI-P100HT (Inconel 718), silver plated on thread - Classification: 1 550 MPa (at ambient temperature)/600°C
This standard specifies the characteristics of self-locking shank nuts in NI-P100HT, silver plated on thread, for aerospace applications
prEVS 53842
Tähtaeg: 2002-12-01
Identne prEN 4120:2002
Aerospace series - Nuts, bihexagonal, self-locking, in heat resisting nickel base alloy NI-P101HT (Waspaloy), silver plated on thread - Classification: 1 210 MPa (at ambient temperature) / 730 °C
This standard specifies the characteristics of self-locking bihexagonal nuts in NI-P1 01 HT, silver plated on thread, for aerospace applications.
Classification: 1 210 MPa 1) / 730 °C 29

49.060
Õhu- ja kosmosesõidukite elektriseadmed ja -süsteemid

Aerospace electric equipment and systems

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22841
Tähtaeg: 2002-11-01
Identne IEC 60952-1:1988
ja identne EN 60952-1:1993
Aircraft batteries - Part 1: General test requirements and performance levels
This standard, published in two parts, covers both vented nickel-cadmium and vented lead-acid aircraft batteries containing vented or valve-regulated cells or monoblocs. The batteries are used for general purposes and dedicated applications.
prEVS 22842
Tähtaeg: 2002-11-01
Identne IEC 60952-2:1991
ja identne EN 60952-2:1993
Aircraft batteries - Part 2: Design and construction requirements
This part of IEC 952 covers both nickel-cadmium and lead-acid aircraft batteries containing vented or valve-regulated cells or monoblocs. The batteries are used for both general purposes and specific applications.
prEVS 23252
Tähtaeg: 2002-11-01
Identne IEC 60952-3:1993
ja identne EN 60952-3:1995
Aircraft batteries - Part 3: External electrical connectors
Defines the design and dimensions of the external electrical connectors on aircraft batteries which interface with the connector plugs on the aircraft.

49.080
Õhu- ja kosmosesõidukite hüdrosüsteemid ja nende koostisosad

Aerospace fluid systems and components

UUED STANDARDID

EVS-EN 3275:2002
Hind 155,00
Identne EN 3275:2002
Aerospace series - Pipe coupling 8°30' up to 28000 kPA - Dynamic beam seal - Metric series - Technical specification
This Standard specifies the requirements characteristics, inspection and test methods, quality assurance and procurement requirements for metric series 8°30' dynamic beam seal pipe couplings, for temperature ranges type II and III according to ISO 6771 and noinal pressure up to 28000 kPa.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53764
Tähtaeg: 2002-12-01
Identne prEN 4117:2002
Aerospace series - Nuts, bihexagonal, self-locking, in heat resisting nickel base alloy NI-P100HT (Inconel 718), silver plated on thread - Classification: 1 550 MPa (at ambient temperature)/600°C
This standard specifies the characteristics of self-locking bihexagonal nuts in NI-P100HT, silver plated on thread, for aerospace applications
prEVS 53767
Tähtaeg: 2002-12-01

Identne prEN 3851:2002
Aerospace series - Pipe couplings, 60°, spherical, in titanium alloy TI-P64001 - Swivel nuts, straight
This standard specifies the characteristics of straight swivel nuts for pipe couplings, 60°, spherical, in TI-P64001, for aerospace applications
prEVS 53770
Tähtaeg: 2002-12-01
Identne prEN 3858:2002
Aerospace series - Pipe couplings, 60°, spherical, in titanium alloy TI-P64001 - Thrust wires in steel FE-PA 13
This standard specifies the characteristics of thrust wires for titanium alloy pipe couplings, 60°, spherical, in FE-PA 13, for aerospace applications
prEVS 53771
Tähtaeg: 2002-12-01
Identne prEN 4051:2002
Aerospace series - Pipe couplings, 60°, spherical, in titanium alloy - Port connection
This standard specifies the characteristics of port connection for pipe couplings, 60°, spherical, in titanium alloy, for aerospace applications. It is applicable to 60° Ispherical tube coupling in titanium alloy defined by the EN 3853 standard, to be mounted with O-ring defined in accordance with the TR 4052
prEVS 53843
Tähtaeg: 2002-12-01
Identne prEN 3852:2002
Aerospace series - Pipe couplings, 60°, spherical, in titanium alloy TI-P64001 - Straight unions, welded, threaded
This standard specifies the characteristics of threaded welded straight unions for pipe couplings, 60°, spherical, in TI-P64001, for aerospace applications
prEVS 53844
Tähtaeg: 2002-12-01
Identne prEN 3853:2002
Aerospace series - Pipe couplings, 60°, spherical, in titanium alloy TI-P64001 - Straight unions, threaded
This standard specifies the characteristics of threaded straight unions for pipe couplings, 60° spherical, in TIP64001, for aerospace applications
prEVS 53845
Tähtaeg: 2002-12-01
Identne prEN 3854:2002
Aerospace series - Pipe couplings, 60°, spherical in titanium alloy TI-P64001 - Ferrules, welded
This standard specifies the characteristics of welded ferrules for pipe couplings, 60°, spherical, in TI-P64001, for aerospace applications
prEVS 53846
Tähtaeg: 2002-12-01
Identne prEN 3856:2002
Aerospace series - Pipe couplings, 60°, spherical, in titanium alloy TI-P64001 - Swivel nuts for thrust wire
This standard specifies the characteristics of swivel nuts for thrust wire for pipe couplings, 60°, spherical, in TIP64001, for aerospace applications
prEVS 53847
Tähtaeg: 2002-12-01
Identne prEN 3857:2002
Aerospace series - Pipe couplings, 60°, spherical, in titanium alloy TI-P64001 - Elbows 90°, welded
This standard specifies the characteristics of welded elbows 90° for pipe couplings, 60°, spherical, in TI-P64001, for aerospace applications

49.100
Maapealse teeninduse ja hoolduse seadmed

Ground service and maintenance equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54005
Tähtaeg: 2003-01-01
Identne prEN 1915-4:2002
Aircraft ground support equipment - General requirements - Part 4: Noise measurement methods
This Part of EN 1915 deals with noise reduction as a safety requirement and describes the methods for determining the sound pressure level at workstations, other specified positions and the sound power level of GSE during intended use. The test results are not applicable to the determination of daily exposure to noise for the operator

53.020.20
Kraanad

Cranes

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53802
Tähtaeg: 2002-12-01
Identne prEN 14439:2002
Cranes - Tower cranes
This European Standard specifies requirements on tower cranes. This European Standard applies to tower cranes for construction work, which are either erected by parts or self erecting cranes. This European Standard is not applicable to mobile cranes, mobile harbour cranes, crawler cranes, slewing jib cranes, bridge and gantry cranes, offshore cranes, floating cranes, loader cranes, hand operated cranes or railway cranes

53.040.10
Konveierid

Conveyors

UUED STANDARDID

EVS-EN 618:2002
Hind 229,00
Identne EN 618:2002
Continuous handling equipment and systems - Safety and EMC requirements for equipment for mechanical handling of bulk materials except fixed belt conveyors
This standard deals with the technical requirements to minimise the risks due to the hazards listed in clause 4, which can arise during operation and maintenance of mechanical handling equipment defined in clauses 3.1 to 3.3 and which are designed for continuously conveying bulk materials from the loading point(s) to the unloading point(s).In general, it also applies to equipment which are built into machines or attached to machines. This standard deals with the technical requirements for EMC. The standard does not apply to : - continuous handling equipment and systms for open-cast lignite mining ; - continuous handling equipment and systems for underground mining ; - tunnel digging and excavating machines ; - bulk material processing or classification machines such as

grinders, crushers, screens ; - fixed belt conveyors for bulk materials. These are covered by the standard EN 620:2002; - fixed pneumatic handling equipment. These equipment and systems are covered by the standard EN 741 ; - the interface between the machinery dealt with in this standard and the fixed belt or pneumatic conveyor. This standard does not give the additional requirements for : a) use in public areas or for man-riding ; b) floating, dredging and ship mounted equipment ; c) conveyors requiring a high level of cleanliness for hygiene reasons, e.g. in direct contact with foodstuffs or pharmaceuticals ; d) transportation of the equipment ; e) hazards caused by vibration ; f) use in ambient air temperature below 20 °C and above + 40 °C

53.060
Tööstuslikud mootorkärud

Industrial trucks

UUED STANDARDID

EVS-EN 13059:2002
Hind 146,00
Identne EN 13059:2002
Safety of industrial trucks - Test methods for measuring vibration
This European Standard is a type test procedure for establishing the values of vibration emission transmitted to the whole body of operators of industrial trucks under specified conditions. It is not applicable to hand-arm vibration. This standard is applicable to powered industrial trucks listed in ISO 5053:1987. The annex A is applicable for "all-terrain" trucks. It also applies to other powered industrial trucks not covered by ISO 5053:1987, e.g. variable-reach trucks and "low-lift" "order picking" trucks, etc. This standard is not applicable to non-stacking "low-lift" straddle carriers (as specified in 3.1.3.2.3 of ISO 5053:1987) and stacking "high-lift" straddle carriers (as specified in 3.1.3.1.11 of ISO 5053:1987). The test results, however, are not applicable to the determination of whole-body vibration exposure.

55.180.20
Üldotstarbelised kaubaalused

General purpose pallets

UUED STANDARDID

EVS-EN 13382:2002
Hind 101,00
Identne EN 13382:2001
Flat pallets for materials handling - Principal dimensions
This European Standard specifies the principal dimensions and tolerances for new single-deck and double-deck non-reversible flat pallets of all entry types related to their transportation and handling by pallet trucks, fork lift trucks and other appropriate equipment. NOTE Depending on end use and the meeting of tests specified in ISO 8611, such pallets are intended to be stacked: a) in store up to 4-high; b) in transit up to 2-high.

EVS-EN 13545:2002
Hind 130,00
Identne EN 13545:2002
Pallet superstructures - Pallet collars - Test methods and performance requirements
This European Standard specifies test methods and performance requirements for reusable wooden and woodbased pallet collars. There are two categories of construction: i) - class 1: general purpose pallet collars; ii) - class 2: light duty pallet collars.

59.080.30
Kangasmaterjalid

Textile fabrics

KAVANDITE ARVAMUSKÜSITLUS

prEVS 32316
Tähtaeg: 2002-12-01
Identne prEN 14465:2002
Textiles - Upholstery fabrics - Specification and methods of test
This standard specifies a set of properties relevant to the assessment of upholstery fabrics for indoor furniture and the appropriate test methods to determine these properties. It also describes a matrix system to express the material properties of an upholstery fabric

59.080.70
Geotekstiil

Geotextiles

KAVANDITE ARVAMUSKÜSITLUS

prEVS 38179
Tähtaeg: 2002-12-01
Identne ISO/FDIS 13426-1:2002 ja identne prEN ISO 13246-1:2002
Geotextiles and geotextile-related products - Strength of internal structural junctions - Part 1: Geocells
This standard describes index test methods for the determination of the strength of internal structural junctions of geocells under different loading conditions
prEVS 53679
Tähtaeg: 2002-12-01
Identne prEN 14418:2002
Geosynthetic barriers - Test method for the determination of the influence of freezing-thawing cycles on the permeability of clay geosynthetic barriers
This test method specifies an index test to determine the influence ratio of freezing-thawing cycles on the flux through saturated clay geosynthetic barriers. The influence ratio is an indication of the behaviour of the product when exposed to repeated freezing and thawing cycles in earth constructions. The permeability of saturated clay geosynthetic barriers may increase in consequence of repeated freezing-thawing cycles
prEVS 53683
Tähtaeg: 2002-12-01
Identne prEN 14417:2002
Geosynthetic barriers - Test method for the determination of the influence of wetting-drying cycles on the permeability of clay geosynthetic barriers
This test method specifies an index test to determine the influence ratio of wetting-drying cycles on the flux through saturated clay geosynthetic barriers. The influence ratio is an indication of the behaviour of the product when exposed to repeated wetting and drying cycles in earth constructions. The permeability of saturated clay geosynthetic barriers may increase after exposure to repeated wetting-drying cycles
prEVS 53710
Tähtaeg: 2002-07-01
Identne prEN 14414:2002

Geosynthetics - Screening test method for determining chemical resistance for landfill applications
This standard describes a laboratory immersion procedure for the testing of geosynthetics (geotextiles, including geotextile-related products, and geosynthetic barriers, formerly known as geomembranes) for chemical resistance to liquid municipal, agricultural and industrial wastes. The procedure includes three chemical compounds chosen to initiate known types

61.060 Jalatsid

Footwear

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53741
Tähtaeg: 2002-12-01
Identne ISO/DIS 19956:2002
ja identne prEN ISO 19956:2002
Footwear - Test methods for heels - Fatigue resistance
This draft International Standard specifies a test method for determining the ability of heels of ladies shoes to withstand the repeated small impacts imposed by normal walking. Although intended primarily for plastics heels, the procedure is also usable for testing steel heel dowels on their own
prEVS 53742
Tähtaeg: 2002-12-01
Identne ISO/DIS 19957:2002
ja identne prEN ISO 19957:2002
Footwear - Test methods for heels - Heel pin holding strength
This draft International Standard specifies a test method for measuring the force required to pull a single heel pin out of a heel. This test method can be used to measure the heel pin holding strength of heel materials by using a standard heel pin and a method of insertion, or it can be used to assess the heel nailing of commercial production
prEVS 53743
Tähtaeg: 2002-12-01
Identne ISO/DIS 19958:2002
ja identne prEN ISO 19958:2002
Footwear - Test methods for heels and top pieces - Top piece retention strength
This draft International Standard specifies a test method for measuring the force required to detach the top piece from the underside of the shoe heel. The test is applicable to heels with the top piece already attached which have been removed from complete shoes, to heels alone with the top piece attached and, in some instances, to heels with separate push-in top pieces. All heels, except reinforced slender heels with top pieces attached by steel spigots and built stacked heels, may be tested by this method
prEVS 53744
Tähtaeg: 2002-12-01
Identne ISO/DIS 19953:2002
ja identne prEN ISO 19953:2002
Footwear - Test methods for heels - Resistance to lateral impact
This draft International Standard specifies a test method for determining the impact strength of the heels of ladies shoes. The result provides an assessment of the liability to failure under the occasional heavy blows received during wear

65.060.25 Väetiste ladustamise, ettevalmistamise ja laotamise seadmed

Equipment for storage, preparation and distribution of fertilizers

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52737
Tähtaeg: 2002-12-01
Identne EN 690:1994
Põllumajandusmasinad. Sõnnikulaoturid. Ohutus
This European Standard specifies safety requirements and their verification for the design and construction of all types of manure spreaders including self-propelled machines, whether the spreading is made to the rear or laterally. It describes methods for elimination or reduction of hazards which need specific requirements for manure spreaders. It does not deal with general hazards, particularly general hazards related to the mobility, including those specific to self-propelled machines.
prEVS 52750
Tähtaeg: 2002-12-01
Identne EN 707:1999
Põllumajandusmasinad. Virtsalaoturid. Ohutus
Standard specifies safety requirements and their verification for the design and construction of semi-mounted, trailed and self-propelled slurry tankers, including their spreading or injecting devices, intended for spreading or injecting slurry which are operated by either pneumatic or mechanical power.

65.060.35 Niisutusseadmed

Irrigation and drainage equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 50467
Tähtaeg: 2002-12-01
Identne prEN 12484-5:2002
Irrigation techniques - Automatic turf irrigation systems - Part 5: Testing methods of systems
This European Standard provides a document to test the performance of uniformity of water distribution of an automatic turf irrigation system in order to commission the system

65.060.50 Koristusseadmed

Harvesting equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52738
Tähtaeg: 2002-12-01
Identne EN 704:1999
Põllumajandusmasinad. Presskogurid. Ohutus.
Standard specifies safety requirements and their verification for design and construction of self-propelled and trailed pick-up balers independent of the shape or size of the balers formed.
prEVS 52751
Tähtaeg: 2002-12-01
Identne EN 745:1999
Põllumajandusmainad. Püst- ja rõhtrootorniidukid (Ketas- ja vasartrummelniidukid). Ohutus.
Standard specifies specific safety requirements and their verification for the design and construction of rotary mowers and flail-mowers with one or several vertical axes or a horizontal axis, mounted, semi-

mounted or trailed. This standard is also applicable to mowers equipped with a conditioning device. This standard applies only to mowers intended to work at ground level.

67.050
Üldised toidu katse- ja analüüsimeetodid

General methods of tests and analysis for food products

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53810
Tähtaeg: 2002-12-01
Identne ISO/DIS 21572:2002
ja identne prEN ISO 21572:2002
Foodstuffs - Detection of genetically modified organisms and derived products - Protein based methods
This draft European Standard specifies general guidelines and performance criteria for methods for the detection and/or quantitation of specific proteins in a specified matrix derived from genetically modified (GM) crop material containing detectable protein. The method itself is included in the annex

67.060
Teravili ja kaunvili ning nendest valmistatud tooted

Cereals, pulses and derived products

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53293
Tähtaeg:
Identne ISO 3093:1982
Teravili. Langemisarvu määramine
Standard gives a method of determination of falling number as a measure of alpha-amylase activity.

67.200.10
Loomsed ja taimsed rasvad ja õlid

Animal and vegetable fats and oils

UUED STANDARDID

EVS-EN ISO 8420:2002
Hind 75,00
Identne ISO 8420:2002
ja identne EN ISO 8420:2002
Animal and vegetable fats and oils - Determination of content of polar compounds
This International Standard describes a method for the determination of the content of polar compounds in animal and vegetable fats and oils, hereinafter referred to as fats.

67.200.20
Õlikultuuride seemned

Oilseeds

UUED STANDARDID

EVS-EN ISO 658:2002
Hind 83,00
Identne ISO 658:2002
ja identne EN ISO 658:2002
Õlikultuurid. Võõrlisandite sisalduse määramine
See rahvusvaheline standard esitab meetodi lisandite sisalduse määramiseks peamiselt tööstuslikes õliseemnetes. Ühtlasi määratleb standard eri lisandite kategooriad tavalises mõistes.

67.250
Toiduga kokkupuutuvad materjalid ja esemed

Materials and articles in contact with foodstuffs

UUED STANDARDID

EVS-EN 1186-1:2002
Hind 199,00
Identne EN 1186-1:2002
Materials and articles in contact with foodstuffs - Plastics - Part 1: Guide to the selection of conditions and test methods for overall migration
This Part of this European Standard provides a guide to the selection of the appropriate conditions and test methods for the determination of overall migration into food simulants and test media from plastics which are intended to come into contact with foodstuffs.

EVS-EN 1186-2:2002
Hind 170,00
Identne EN 1186-2:2002
Materials and articles in contact with foodstuffs - Plastics - Part 2: Test methods for overall migration into olive oil by total immersion
This Part of this European Standard describes test methods for the determination of the overall migration into fatty food simulants from plastics materials and articles, by total immersion of test specimens in a fatty food simulant at temperatures above 20 °C and up to, but not including, 100 °C for selected times. This method is most suitable for plastics in the form of films and sheets, but can be applied to a wide range of articles or containers from which test pieces of a suitable size can be cut. The test method described is applicable to most types of plastics, although there are some plastics for which it is known not to be applicable.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 37815
Tähtaeg: 2002-11-01
Identne prEN 13258:2002
Materials and articles in contact with foodstuffs - Test methods for crazing resistance of ceramic articles
This European Standard specifies two test methods (methods A and B) for the determination of crazing resistance of glazed ceramic tableware articles in contact with food with water absorption higher than 0,5 % (determined according to method C of EN 1217:1997)

71.040.10
Keemialaborid. Laboriseadmed

Chemical laboratories. Laboratory equipment

KAVANDITE ARVAMUSKÜSITLUS
prEVS 54013
Tähtaeg: 2003-01-01
Identne prEN 14470-1:2002
Fire safety storage cabinets - Part 1: Safety storage cabines for flammable liquids
This European standard is a product specification, giving performance requirements for fire safety cabinets to be used for the storage of flammable liquids in laboratories. It is applicable to cabinets with a total internal volume of not greater than 1 m3, which may be free standing, restrained to a wall or mounted on wheels or castors. It is not applicable to brick enclosures or walk-in storage rooms

71.040.20
Laborinõud ja -aparaadid

Laboratory ware and related apparatus

KAVANDITE ARVAMUSKÜSITLUS
prEVS 53726
Tähtaeg: 2002-11-01
Identne IEC 61207-2:1994+ corr:1994
ja identne EN 61207-2:1994
Expression of performance of gas analyzers - Part 2: Oxygen in gas (utilizing high-temperature electrochemical sensors)
Applies to gas analyzers using high temperature electrochemical sensors for measurement of oxygen in gas. Applies to both 'in situ' and extractive analyzers installed indoors or outdoors.

71.040.40
Keemiline analüüs

Chemical analysis

KAVANDITE ARVAMUSKÜSITLUS
prEVS 25782
Tähtaeg: 2002-11-01
Identne IEC 61207-3:2002
ja identne EN 61207-3:2002
Gas analyzers - Expression of performance - Part 3: Paramagnetic oxygen analyzers
This standard applies to the three main methods outlined in Section 1.0; it considers essentail ancillary units and it applies to analysers installed indoors and outdoors. It shall be used in conjunction with Publication IEC 1207-1 "Expression of Performance of Gas Analysers". Note: Safety Critical App. may require an additional requirement of system and analyser specifications not covered in this document.
prEVS 53724
Tähtaeg: 2002-11-01
Identne IEC 61207-1:1994
ja identne EN 61207-1:1994
Expression of performance of gas analyzers; Part 1: general
Applies to gas analyzers used for the determination of certain constituents in gaseous mixtures. Specifies general aspects of terminology and definitions related to the performance. Unifies methods for making and verifying statements on functional performance. Specifies tests to determine functional performance.
prEVS 53726
Tähtaeg: 2002-11-01
Identne IEC 61207-2:1994+corr:1994
ja identne EN 61207-2:1994
Expression of performance of gas analyzers - Part 2: Oxygen in gas (utilizing high-temperature electrochemical sensors)
Applies to gas analyzers using high temperature electrochemical sensors for measurement of oxygen in gas. Applies to both 'in situ' and extractive analyzers installed indoors or outdoors.
prEVS 53728
Tähtaeg: 2002-11-01
Identne IEC 61207-6:1994
ja identne EN 61207-6:1994
Expression of performance of gas analyzers - Part 6: Photometric analyzers
Applies to analyzers using non-dispersive and dispersive wavelength selection and using absorption, emission, or wavelength derivative techniques. Applies to analyzers receiving conditioned or unconditioned samples of gas under vacuum or pressurized, and to measurements directly within the sample gas.

71.100.30
Lõhkeained. Pürotehnika

Explosives. Pyrotechnics

KAVANDITE ARVAMUSKÜSITLUS
prEVS 26810
Tähtaeg: 2002-12-01
Identne prEN 14035-29:2002
Fireworks - Part 29: Serpents - Specification and test methods
This European Standard specifies requirements for the construction, performance, primary packaging and labelling of serpents and the corresponding test methods. It is applicable to fireworks which are classified as serpents in category 1 in EN prEN 14035-2 and which are contained in a primary pack or selection pack
prEVS 26812
Tähtaeg: 2002-12-01
Identne prEN 14035-24:2002
Fireworks - Part 24: Novelty matches - Specification and test methods
This European Standard specifies requirements for the construction, performance, primary packaging and labelling of novelty matches and the corresponding test methods. It is applicable to fireworks which are classified as novelty match in category 1 in prEN 14035-2 and which are contained in a primary pack or selection pack
prEVS 26813
Tähtaeg: 2002-12-01
Identne prEN 14035-28:2002
Fireworks - Part 28: Roman candles - Specification and test methods
This European Standard specifies requirements for the construction, performance, primary packaging and labelling of Roman candles and the corresponding test methods. It is applicable to fireworks which are classified as Roman candles in categories 2 and 3 in prEN 14035-2
prEVS 26814
Tähtaeg: 2002-12-01
Identne prEN 14035-22:2002
Fireworks - Part 22: Mines - Specification and test methods
This European Standard specifies requirements for the construction, performance, primary packaging and labelling of mines and the corresponding test methods. It is applicable to fireworks which are

classified as mines in categories 2 and 3 in prEN 14035-2
prEVS 26815
Tähtaeg: 2002-12-01
Identne prEN 14035-30:2002
Fireworks - Part 30: Shells - Specification and test methods
This European Standard specifies requirements for the construction, performance, primary packaging and labelling of shells and the corresponding test methods. It is applicable to fireworks which are classified as shells in category 3 in prEN 14035-2 which are supplied together with (a) mortar(s) in a primary pack or selection pack
prEVS 26817
Tähtaeg: 2002-12-01
Identne prEN 14035-6:2002
Fireworks - Part 6: bengal flames - Specification and test methods
This European Standard specifies requirements for the construction, performance, primary packaging and labelling of bengal flames and the corresponding test methods. It is applicable to fireworks which are classified as bengal flames in categories 1, 2 and 3 in prEN 14035-2
prEVS 26818
Tähtaeg: 2002-12-01
Identne prEN 14035-7:2002
Fireworks - Part 7: Bengal matches - Specification and test methods
This European Standard specifies requirements for the construction, performance, primary packaging and labelling of bengal matches and the corresponding test methods. It is applicable to fireworks which are classified as bengal match in category 1 in prEN 14035-2 and which are contained in a primary pack or selection pack
prEVS 26819
Tähtaeg: 2002-12-01
Identne prEN 14035-8:2002
Fireworks - Part 8: Bengal sticks - Specification and test methods
This European Standard specifies requirements for the construction, performance, primary packaging and labelling of bengal sticks and the corresponding test methods. It is applicable to fireworks which are classified as bengal sticks in categories 1 and 2 in prEN 14035-2 and which are contained in a primary pack or selection pack
prEVS 26820
Tähtaeg: 2002-12-01
Identne prEN 14035-3:2002
Fireworks - Part 3: Aerial wheels - Specification and test methods
This European Standard specifies requirements for the construction, performance, primary packaging and labelling of aerial wheels and the corresponding test methods. It is applicable to fireworks which are classified as aerial wheels in category 3 in prEN 14035-2
prEVS 35072
Tähtaeg: 2002-12-01
Identne prEN 14035-36:2002
Fireworks - Part 36: Wheels - Specification and test methods
This European Standard specifies requirements for the construction, performance, primary packaging and labelling of wheels and the corresponding test methods. It is applicable to fireworks which are classified as wheels in categories 1, 2 and 3 in prEN 14035-2
prEVS 53869
Tähtaeg: 2002-12-01
Identne prEN 13631-6:2002
Explosives for civil uses - High explosives - Part 6: Determination of resistance to hydrostatic pressure
This European Standard specifies a method for determining the ability of high explosives for civil uses to detonate while under applied hydrostatic pressure
prEVS 53870
Tähtaeg: 2002-12-01
Identne prEN 13630-6:2002
Explosives for civil use - Detonating cords and safety fuses - Part 6: Measurement of resistance to tension of detonating cords
This European Standard specifies a method for the determination of the resistance to tension of flexible, plasticscoated detonating cords, and flexible fibrous-overbraided detonating cords for civil uses, with a core of explosive of not more than 40 g/m
prEVS 53871
Tähtaeg: 2002-12-01
Identne prEN 13763-23:2002
Explosives for civil uses - Detonators and relays - Part 23: Determination of the shock-wave velocity of shock tube
This European Standard specifies a method for determining the shock-wave velocity of shock tubes for use with non-electric detonators
prEVS 53872
Tähtaeg: 2002-12-01
Identne prEN 13763-24:2002
Explosives for civil uses - Detonators and relays - Part 24: Determination of the electrical non-conductivity of shock tube
This European Standard specifies methods of determining the electrical insulation resistance (non-conductivity) and the electrical flash-over distance of shock tubes for use with non-electric detonators.

71.100.80
Kemikaalid vee puhastamiseks

Chemicals for purification af water

KAVANDITE ARVAMUSKÜSITLUS

prEVS 36925
Tähtaeg: 2002-12-01
Identne prEN 13177:2002
Chemicals used for treatment of water intended for human consumption - Methanol
This European Standard is applicable to synthetic methanol used for treatment of water intended for human consumption. It specifies the characteristics of synthetic methanol and specifies the requirements and the corresponding test methods for synthetic methanol. Annex A gives information on its use in water treatment
prEVS 53856
Tähtaeg: 2002-12-01
Identne prEN 14456:2002
Products used for treatment water intended for human consumption - Bone charcoal
This European standard is applicable to bone charcoal used for the treatment of water intended for human consumption. It describes the characteristics of bone charcoal and specifies the requirements and the corresponding test methods for bone charcoal. It gives information on its use in water treatment

75.080
Naftasaadused üldiselt

Petroleum products in general

UUED STANDARDID

EVS-EN ISO 1516:2002
Hind 83,00
Identne ISO 1516:2002

ja identne EN ISO 1516:2002
Determination of flash/no flash - Closed cup equilibrium method
This International Standard specifies a method to determine if paints, varnishes, paint binders, solvents, petroleum or related products, when maintained at a selected equilibrium temperature and under the conditions of the test, give off sufficient flammable vapour to cause ignition on application of an external source of flame applied in a standard manner.

77.120.60
Plii, tsink, tina ja nende sulamid

Lead, zinc, tin and their alloys

KAVANDITE ARVAMUSKÜSITLUS

prEVS 38383
Tähtaeg: 2002-12-01
Identne prEN 13283:2002
Zinc and zinc alloys - Secondary zinc
This European Standard specifies designations, chemical compositions, marking and other requirements for secondary zinc. These grades are mainly used for hot dip-galvanizing purposes according to EN ISO 1461 and for the production of brass

77.140
Malm- ja terastooted

Iron and steel products

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53995
Tähtaeg: 2002-11-01
Identne EVS 1090-1:2002
Teraskonstruktsioonide valmistamine ja montaaž. Osa 1: Üldreeglid ja reeglid hoonekonstruktsioonidele
prEVS 53997
Tähtaeg: 2002-11-01
Identne EVS 1090-2:2002

77.140.01
Malm- ja terastooted üldiselt

Iron and steel products in general

UUED STANDARDID

EVS-EN 40-5:2002
Hind 146,00
Identne EN 40-5:2002
Lighting columns - Part 5: Requirements for steel lighting columns
This European Standard specifies requirements for steel lighting columns. It includes materials and conformity control. It applies to post top columns not exceeding 20 m height for post top lanterns and to columns with brackets not exceeding 18 m height for side entry lanterns. This European Standard specifies performance related to the essential requirements of resistance to horizontal (wind) loads and performance under vehicle impact (passive safety) in support of the Essential Requirement No 4 Safety in use measured according to the corresponding test methods included in this European Standard or available in separate European Standards. It provides for the evaluation of conformity of the products to this European Standard.

77.140.15
Armatuurterased

Steels for reinforcement of concrete

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53987
Tähtaeg: 2002-11-02
Identne EVS 833-1:2002
Pingestusterased. Osa 1: Üldised nõuded
Standardi EVS 833 esimene osa määrab kindlaks üldised nõuded kõrge tõmbetugevusega terasest toodetele, mida kasutatakse laialdaselt betooni eelpingestamisel ning muude ehitusvaldkondade tõmbeelementides, nagu pinnasankrud, tõsteseadmed ning sildade kande- ja ankurdustrossid.
prEVS 54064
Tähtaeg: 2002-11-02
Identne EVS 832-1:2002
Teras betooni sarrustamiseks. Osa 1: Üldised nõuded
Standardi EVS 832 esimene osa määrab kindlaks üldised nõuded betoonkonstruktsioonide sarrustamisel kasutatavale keevitatavale venivusklasside A, B ja C sarrusterasele, mida tarnitakse kas varraste ja vihtidena kohapeal kasutamiseks või tehases valmistatud masinkeevisvõrkudena või sarruskarkassidena

UUED STANDARDID

EVS-EN ISO 15630-1:2002
Hind 109,00
Identne EN ISO 15630-1:2002
Steel for the reinforcement and prestressing of concrete - Test methods - Part 1: Reinforcing bars, wire rod and wire
This part of ISO 15630 specifies test methods applicable to reinforcing bars, wire rod and wire.

EVS-EN ISO 15630-2:2002
Hind 109,00
Identne ISO 15630-2:2002
ja identne EN ISO 15630-2:2002
Steel for the reinforcement and prestressing of concrete - Test methods - Part 2: Welded fabric
This part of ISO 15630 specifies test methods applicable to welded fabric.

EVS-EN ISO 15630-3:2002
Hind 130,00
Identne ISO 15630-3:2002
ja identne EN ISO 15630-3:2002
Steel for the reinforcement and prestressing of concrete - Test methods - Part 3: Prestressing steel
This part of ISO 15630 specifies test methods applicable to prestressing steels (bar, wire or strand).

77.140.20
Roostevabad terased

Stainless steels

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53999
Tähtaeg: 2002-10-01
Identne EVS 1090-3:2002
Teraskonstruktsioonide valmistamine. Osa 3: Lisanõuded kõrgtugevast terasest konstruktsioonidele

77.140.60
Teraskangid ja varbmaterjal

Steel bars and rods

UUED STANDARDID

EVS-EN ISO 15630-1:2002
Hind 109,00
Identne EN ISO 15630-1:2002
Steel for the reinforcement and prestressing of concrete - Test methods - Part 1: Reinforcing bars, wire rod and wire
This part of ISO 15630 specifies test methods applicable to reinforcing bars, wire rod and wire.

EVS-EN ISO 15630-3:2002
Hind 130,00
Identne ISO 15630-3:2002
ja identne EN ISO 15630-3:2002
Steel for the reinforcement and prestressing of concrete - Test methods - Part 3: Prestressing steel
This part of ISO 15630 specifies test methods applicable to prestressing steels (bar, wire or strand).

77.140.65
Terastraat, terastrossid ja ühendusketid

Steel wire, wire ropes and link chains

KAVANDITE ARVAMUSKÜSITLUS

prEVS 39803
Tähtaeg: 2002-12-01
Identne prEN 10223-7:2002
Steel wire and wire products for fences - Part 7: Steel wire welded panels - For fencing
This Part of this European Standard specifies requirements for steel wire welded mesh panels for fencing. The panels are used for fencing parks, schools, sport stadia, public buildings, factories, airports, military sites, etc. This International Standard specifies the general characteristics of welded mesh supplied as panels and recommended coatings, properties and tolerances. This International Standard is applicable to panels made from round or shaped wires not thicker than 10 mm

77.140.80
Malm- ja terasvalu

Iron and steel castings

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54014
Tähtaeg: 2003-01-01
Identne prEN 10293:2002
Steel castings for general engineering uses
This European Standard applies to steel castings : - for general engineering uses. Its uses include machinery (mechanical, electrical...), automotive industries, railroad, armament, agricultural equipment In cases where castings are joined by welding by the founder, this European Standard applies

77.140.85
Malm- ja terassepised

Iron and stel forgings

UUED STANDARDID

EVS-EN 10222-1:1999/A1:2002
Hind 57,00
Identne EN 10222-1:1998/ A1:2002
Steel forgings for pressure purposes - Part 1 : General requirements for open die forgings
See Euroopa standardi osa määrab kindlaks surveotstarbeliste vabasepiste, ringikujuliste valtstoodete ja sepistatud lattide üldised tehnilised tarnetingimused.

77.150.10
Alumiiniumtooted

Aluminium products

UUED STANDARDID

EVS-EN 40-6:2002
Hind 139,00
Identne EN 40-6:2002
Lighting columns - Part 6: Requirements for aluminium lighting columns
This European Standard specifies requirements for aluminium lighting columns. It includes materials and conformity control. It applies to post top columns not exceeding 20 m height for post top lanterns and to columns with brackets not exceeding 18 m height for side entry lanterns. This European Standard specifies performance related to the essential requirements of resistance to horizontal (wind) loads and performance under vehicle impact (passive safety) in support of the Essential Requirement No 4 Safety in use measured according to the corresponding test methods included in this European Standard or available in separate European Standards. It provides for the evaluation of conformity of the products to this European Standard.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53790
Tähtaeg: 2002-12-01
Identne EN 13195-1:2002
Aluminium and aluminium alloys - Wrought and cast products for marine applications (shipbuilding, marine and offshore) - Part 1: Specifications
This European Standard specifies properties and technical conditions for inspection and delivery of wrought and cast aluminium and aluminium alloy products recommended for marine applications such as shipbuilding, maritime and offshore applications

77.150.30
Vasktooted

Copper products

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53801
Tähtaeg: 2002-12-01
Identne prEN 14436:2002
Copper and copper alloys - Electrolytically tinned strip
This European Standard specifies : - the composition and tolerances on dimensions in the thickness range from 0,1 mm up to and including 4 mm of strip of copper and copper alloys to be tinned with tin or a tin-lead alloy or other tin alloys ; - the composition of the material to be used for the coating ; - the properties of strip before tinning ; - the properties of the electrolytically tinned strip

77.150.60
Plii-, tsink- ja tinatooted

Lead, zinc and tin products

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53819
Tähtaeg: 2002-12-01
Identne prEN 14057:2002
Lead and lead alloys - Scraps - Terms and definitions
This European Standard defines specific terms which are helpful for the communication within the lead industry and its customers relating to scrap of lead and lead alloys

79.040
Puit, saepalgid ja saepuit

Wood, sawlogs and sawn timber

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52980
Tähtaeg: 2002-12-01
Identne EN 1611-1:1999/A1:2002
Sawn timber - Appearance grading of softwoods - Part 1: European spruces, firs, pines, Douglas firs and larches
This European Standard defines appearance grades for European spruces, firs, pines and Douglas firs. The standrd applies to dry and green sawn timber.

79.060.01
Puitpaneelid üldiselt

Wood-based panels in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53916
Tähtaeg: 2002-12-01
Identne prEN 717-1:2002
Wood-based panels - Determination of formaldehyde release - Part 1: Formaldehyde emission by the chamber method
This European Standard specifies a chamber method with three options of test chambers for the determination of the formaldehyde emission from wood-based panels in terms of the steady-state concentration in a climate chamber under defined conditions, which relate to typical conditions in real-life. This chamber method can also be applied to the estimation of formaldehyde concentrations under various conditions in practice, by the use of mathematical models

79.120.10
Puidutöötluspingid

Woodworking machines

UUED STANDARDID

EVS-EN 1870-5:2002
Hind 190,00
Identne EN 1870-5:2001
Safety of woodworking machines - Circular sawing machines -Part 5: Circular sawbenches/up-cutting cross-cut sawing machines
This European Standard specifies the requirements and/or the measures to remove the hazards and limit the risk on circular sawbenches/up-cutting cross-cut sawing machines, hereinafter referred to as machines , designed to cut solid wood, chipboard, fibreboard, plywood and also these materials where they are covered with plastic edging and/or plastic/light alloy laminates. This European Standard does not apply to : hand held woodworking machines or any adaptation permitting their use in a different mode, i.e. bench mounting; machines set up on a bench or a table similar to a bench, which is intended to carry out work in a stationary position, capable of being lifted by one person by hand. This European Standard covers the hazards relevant to these machines as stated in clause 4. For Computer Numerically Controlled (CNC) machines this European Standard does not cover hazards related to Electro-Magnetic Compatibility (EMC). This European Standard is primarily directed at machines which are manufactured after the date of issue of this European Standard.

EVS-EN 1870-6:2002
Hind 212,00
Identne EN 1870-6:2002
Safety of woodworking machines - Circular sawing machines -Part 6: Circular sawing machines for firewood and dual purpose circular sawing machines for firewood/circular saw benches, with manual loading and/or unloading
This European Standard specifies the requirements and/or the measures to remove the hazards and limit the risk on circular sawing machines for firewood and dual-purpose circular sawing machines for firewood/circular saw benches, with manual loading and/or unloading, hereinafter referred to as machines , designed to cut solid wood. On a dual-purpose circular sawing machines for firewood/log splitting machine only the circular sawing machine for firewood is covered by this European Standard. For the log splitting part of this machine see EN 609-1 and EN 609- 2.This European Standard covers the hazards relevant to these machines as stated in 4. For Computer Numerically Controlled (CNC) machines this European Standard does not cover hazards related to Electro-Magnetic Compatibility (EMC). This European Standard does not apply to : log sawing machines where the saw unit moves to cut the workpiece; machines where the sawblade is capable of tilting; hand held woodworking machines or any adaptation permitting their use in a different mode, i.e. bench mounting.This European Standard is primarily directed at machines which are manufactured after the date of issue of this European Standard.

81.040.20
Ehitusklaas

Glass in building

KAVANDITE ARVAMUSKÜSITLUS

prEVS 12497
Tähtaeg: 2002-12-01
Identne prEN 12600:2002
Glass in building - Pendulum test - Impact test method and classification for flat glass

This European Standard specifies a pendulum impact test method for single flat panes of glass for use in buildings. The test is intended to classify flat glass products in three principal classes by performance under impact and by mode of breakage. This standard does not specify requirements for applications, nor does it specify requirements for durability
prEVS 31190
Tähtaeg: 2002-12-01
Identne prEN 12603:2002
Glass in building - Procedures for goodness of fit and confidence intervals for Weibull distributed glass strength data
This European Standard specifies procedures for the evaluation of sample data by means of a two-parameter Weibull distribution function
prEVS 53825
Tähtaeg: 2002-12-01
Identne prEN 14449:2002
Glass in building - Laminated glass and laminated safety glass - Evaluation of conformity
This European Standard covers the evaluation of conformity and the factory production control of EN ISO 12543-2: Laminated safety glass; EN ISO 12543-3: Laminated glass; inclusive laminated (safety) glass with fire resistant properties
prEVS 53865
Tähtaeg: 2002-12-01
Identne prEN 1279-3:2002
Glass in building - Insulating glass units - Part 3: Long term test method and requirements for gas leakage rate and for gas concentration tolerances
This European Standard is the product standard for insulating glass units, which defines insulating glass units, and ensures by means of an adequate evaluation of conformity to this standard that: energy savings are made because the U-value and solar factor do not change significantly; health is preserved because sound reduction and vision do not change significantly; safety is provided because mechanical resistance does not change significantly

81.060.30
Kõrgtehnoloogiline keraamika

Advanced ceramics

KAVANDITE ARVAMUSKÜSITLUS

prEVS 34862
Tähtaeg: 2002-12-01
Identne EN 658-3:2002
Advanced technical ceramics - Mechanical properties of ceramic composites at room temperature - Part 3: Determination of flexural strength
This part of EN 658 describes a method for the determination of the flexural strength of ceramic matrix composite materials with continuous fibre reinforcement, under three-point or four-point bend at room temperature. This method applies to all ceramic matrix composites with a continuous fibre reinforcement, unidirectional (1D), bidirectional (2D), and tridirectional xD with ($2 < x < 3$) as defined in ENV 13233, loaded along one principal axis of reinforcement
prEVS 34876
Tähtaeg: 2002-12-01
Identne prEN 1007-1:2002
Advanced technical ceramics - Ceramic composites - Methods of test for reinforcement - Part 1: Determination of size content
This part of EN 1007 specifies the conditions for determination of the size content of ceramic fibres, including among others silicon carbide, silicon nitride, silicon carbonitride, alumino-silicate, alumina and silicon oxide fibres
prEVS 34877
Tähtaeg: 2002-12-01
Identne prEN 1007-2:2002
Advanced technical ceramics - Ceramics composites - Methods of test for reinforcement - Part 2: Determination of linear density
This part of the European Standard specifies the conditions for determination of the linear density (mass per unit length) of ceramic multifilament tows, including among others silicon carbide, silicon nitride, silicon carbonitride, alumino-silicate, alumina and silicon oxide fibres
prEVS 35373
Tähtaeg: 2002-12-01
Identne prEN 1007-3:2002
Advanced technical ceramics - Ceramic composites - Methods of test for reinforcement - Part 3: Determination of filament diameter and cross-section area
This part of the European Standard specifies the conditions for the determination of the diameter and cross-section area of ceramic single filament, as used in fibre reinforcement of ceramic composites for three methods

81.080
Tulekindlad materjalid

Refractories

KAVANDITE ARVAMUSKÜSITLUS

prEVS 31342
Tähtaeg: 2002-12-01
Identne EN 993-18:2002
Methods of test for dense shaped refractory products - Part 18: Determination of bulk density of granular materials by the water method with vacuum
This European Standard specifies a method based on water absorption with vacuum for the determination of the bulk density of granular refractory materials (grain bulk density) having a grain size greater than 2 mm

83.120
Tugevdatud plastid

Reinforced plastics

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53828
Tähtaeg: 2002-12-01
Identne prEN 14447:2002
Fibre reinforced plastics - Glass mat reinforced thermoplastics (GMT) - Determination of flowability and solidification
This European Standard defines a method for the determination of data suited to the assessment of the flowability and solidification of polypropylene based glass fibre mat reinforced thermoplastic moulding compounds (GMT) carried out with commonly applied moulding parameters

83.140
Kummi- ja plasttooted

Rubber and plastics products

KAVANDITE ARVAMUSKÜSITLUS

prEVS 27064
Tähtaeg: 2002-11-01
Identne IEC 60674-3-4 to 6:1993
ja identne EN 60674-3-4 to 6:1995
Specification for plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheets 4 to 6: Requirements for polyimide films used for electrical insulation
Gives the requirements for the following polyimide films with or without heat sealable fluoroethylene-propylene (FEP) coatings; based on poly (N, N'-p,p'-oxydiphenylene pyromellitimide) (sheet 4); based on poly (N, N'-p-phenylene biphenyl tetra carboxylimide) (sheet 5); based on poly (N, N'-p,p'-oxydiphenylene biphenyl-tetracarboxylimide) (sheet 6).

83.140.20
Laminaadid

Laminated sheets

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53805
Tähtaeg: 2002-12-01
Identne prEN 438-3:2002
High-pressure decorative laminates (HPL) - Sheets based on thermosetting resins (usually called laminates) - Part 3: Classification and specifications for laminates less than 2mm thick intended for bonding to supporting substrates
This part of EN 438 establishes a classification system for high-pressure decorative laminates according to their performance and main recommended fields of application, including materials with special characteristics, for example formability or defined reaction to fire. This part of EN 438 also specifies requirements for the properties of the various types of laminates covered by this classification system
prEVS 53806
Tähtaeg: 2002-12-01
Identne prEN 438-4:2002
High-pressure decorative laminates (HPL) - Sheets based on thermosetting resins (usually called laminates) - Part 4: Classification and specifications for compact laminates of thickness 2mm and greater
This part of EN 438 specifies performance requirements for two types of Compact laminate (defined in clause 4) intended for interior use
prEVS 53807
Tähtaeg: 2002-12-01
Identne prEN 438-5:2002
High-pressure decorative laminates (HPL) - Sheets based on thermosetting resins (usually called laminates) - Part 5: Classification and specifications for flooring grade laminates less than 2mm thick
This part of EN 438 specifies performance requirements for five classes of decorative high-pressure laminates intended specifically for flooring applications, after bonding to suitable substrates. High-pressure decorative flooring laminates are characterised by their high resistance to wear, aesthetic qualities and durability. They have good hygienic and anti-static properties and are easy to clean and maintain
prEVS 53809
Tähtaeg: 2002-12-01
Identne prEN 438-7:2002
High-pressure decorative laminates (HPL) - Sheets based on thermosetting resins (usually called laminates) - Part 7: Compact laminate and HPL composite panels for internal and external wall and ceiling finishes
This European Standard specifies the health, safety and energy saving requirements for : - Compact laminate panels/sidings for interior wall and ceiling finishes (including suspended ceilings); - HPL composite panels/sidings for interior wall and ceiling finishes (including suspended ceilings); - Compact laminate panels/sidings for exterior wall and ceiling finishes (including suspended ceilings); - HPL composite panels/sidings for exterior wall and ceiling finishes (including suspended ceilings)

83.180
Liimid

Adhesives

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53826
Tähtaeg: 2002-12-01
Identne ISO/DIS 9311-3:2002
ja identne prEN ISO 9311-3:2002
Adhesives for thermoplastic piping systems - Part 3: Test method for the determination of resistance to internal pressure
This standard describes a method suitable for checking the internal pressure resistance of a bonded assembly.
prEVS 53896
Tähtaeg: 2002-12-01
Identne prEN 1943:2002
Self adhesive tapes - Measurement of static shear adhesion
This European Standard specifies a series of methods for the determination of the ability of a pressure sensitive tape to remain adhered under a constant load applied parallel to the surfaces of the tape and substrate
prEVS 53897
Tähtaeg: 2002-12-01
Identne prEN 1942:2002
Self adhesive tapes - Measurement of Thickness
This European Standard specifies a method to measure the total thickness of both the backing and adhesive layer comprising an adhesive tape
prEVS 53903
Tähtaeg: 2002-12-01
Identne prEN 14410:2002
Self adhesive tapes - Measurement of breaking strength and elongation at break
This European Standard specifies methods to measure the breaking strength and elongation at break of a self adhesive tape when it is subjected to a tensile force sufficient to cause it to break

87.040
Värvid ja lakid

Paints and varnishes

UUED STANDARDID

EVS-EN ISO 1516:2002
Hind 83,00
Identne ISO 1516:2002

ja identne EN ISO 1516:2002
Determination of flash/no flash - Closed cup equilibrium method
This International Standard specifies a method to determine if paints, varnishes, paint binders, solvents, petroleum or related products, when maintained at a selected equilibrium temperature and under the conditions of the test, give off sufficient flammable vapour to cause ignition on application of an external source of flame applied in a standard manner.

87.060.10
Pigmendid

Pigments and extenders

KAVANDITE ARVAMUSKÜSITLUS
prEVS 54006
Tähtaeg: 2003-01-01
Identne prEN 14469-1:2002
Pigments and extenders - Testing of colouring materials in plasticized polyvinyl chloride (PVC-P) - Part 1: Composition and preparation of basic mixtures
This Part of EN 14469 specifies a procedure for producing basic mixtures for the testing of colouring materials1) in plasticized polyvinyl chloride (PVC-P) materials, together with the composition of these basic mixtures
prEVS 54008
Tähtaeg: 2003-01-01
Identne prEN 14469-2:2002
Pigments and extenders - Testing of colouring materials in plasticized polyvinyl chloride (PVC-P) - Part 2: Preparation of test specimens
This Part of EN 14469 specifies a procedure for preparing test samples for the testing of colouring materials1) in plasticized polyvinyl chloride (PVC-P) materials. It describes the manner in which basic mixtures as defined in EN 14469 -1 and pigments and pigment preparations are to be used to prepare test samples for the testing of particular pigment properties
prEVS 54010
Tähtaeg: 2003-01-01
Identne prEN 14469-3:2002
Pigments and extenders - Testing of colouring materials in plasticized polyvinyl chloride (PVC-P) - Part 3: Determination of the relative tinting strength of white pigments
This Part of EN 14469 specifies a procedure for determining the relative tinting strength of white pigments in plasticized polyvinyl chloride (PVC-P) at identical concentration of the white pigments by weight. To this end, the white pigments are incorporated into the basic mixture A (see EN 14469 -1) together with a carbon black pigment preparation
prEVS 54011
Tähtaeg: 2003-01-01
Identne prEN 14469-4:2002
Pigments and extenders - Testing of colouring materials in plasticized polyvinyl chloride (PVC-P) - Part 4: Determination of bleeding of colouring materials
This Part of EN 14469 specifies a method of establishing and evaluating quantitatively the bleeding of pigments from sheets of coloured PVC-P into material of the same kind brought into contact with them. It also sets out the way in which specimens prepared in accordance with prEN 14469-2 shall be tested. It may also be used for determine bleeding from other polymers into white PVC-P

91.010.30
Tehnilised aspektid

Technical aspects

KAVANDITE ARVAMUSKÜSITLUS
prEVS 53995
Tähtaeg: 2002-11-01
Identne EVS 1090-1:2002
Teraskonstruktsioonide valmistamine ja montaaþ. Osa 1: Üldreeglid ja reeglid hoonekonstruktsioonidele
prEVS 53997
Tähtaeg: 2002-11-01
Identne EVS 1090-2:2002
Teraskonstruktsioonide valmistamine. Osa 2: Lisanõuded külmpainutatud profiilidele ja profiilplekile
prEVS 53999
Tähtaeg: 2002-10-01
Identne EVS 1090-3:2002
Teraskonstruktsioonide valmistamine. Osa 3: Lisanõuded kõrgtugevast terasest konstruktsioonidele
prEVS 54000
Tähtaeg: 2002-10-01
Identne EVS 1090-4:2002
Teraskonstruktsioonide valmistamine. Osa 4: Lisanõuded toruprofiilidest konstruktsioonidele
prEVS 54001
Tähtaeg: 2002-11-01
Identne EVS 1992-1-1:2002

91.040
Hooned

Buildings

KAVANDITE ARVAMUSKÜSITLUS
prEVS 54000
Tähtaeg: 2002-10-01
Identne EVS 1090-4:2002
Teraskonstruktsioonide valmistamine. Osa 4: Lisanõuded toruprofiilidest konstruktsioonidele
prEVS 54001
Tähtaeg: 2002-11-01
Identne EVS 1992-1-1:2002
Raudbetoonkonstruktsioonid. Osa 1-1: Üldeeskirjad ja hoonekonstruktsioonide projekteerimiseeskirjad

91.060.20
Katused

Roofs

KAVANDITE ARVAMUSKÜSITLUS
prEVS 53800
Tähtaeg: 2002-12-01
Identne prEN 14437:2002
Determination of the uplift resistance of installed clay or concrete tiles for roofing - Roof system test method
This European Standard specifies a test method to establish the uplift resistance of installed clay or concrete tiles for roofing, complying to the relevant product standard, EN 490 or EN 1304, which are unfixed or mechanically fixed to the substructure

91.060.40
Korstnad, lõõrid, kanalid

Chimneys, shafts, ducts

KAVANDITE ARVAMUSKÜSITLUS

prEVS 12745
Tähtaeg: 2002-12-01
Identne prEN 1443:2002
Chimneys - General requirements
This European Standard specifies general requirements and the basic performance criteria and specifies limit values where appropriate for chimneys (including connecting flue pipes and their fittings) used to convey the products of combustion from heating appliances to the outside atmosphere
prEVS 15827
Tähtaeg: 2002-12-01
Identne prEN 1857:2002
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
prEVS 15829
Tähtaeg: 2002-12-01
Identne prEN 1858:2002
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

91.060.50
Uksed ja aknad

Doors and windows

KAVANDITE ARVAMUSKÜSITLUS

prEVS 29338
Tähtaeg: 2002-12-01
Identne prEN 12400:2002
Windows and pedestrian doors - Mechanical durability - Requirements and classification
This European Standard specifies a means of classifying opening windows and pedestrian doors according to the performance when subjected to repeated opening and closing. The classes take into account normal and intended use
prEVS 33221
Tähtaeg: 2003-01-01
Identne prEN 13330:2002
Shutters - Hard body impact - Test method
This European Standard specifies tests to be done for determining behaviour, under conventional hard body impact, of the shutters, these are: - external venetian blind, roller shutter, venetian shutter, flat closing concertina shutter, concertina shutter, wing shutter, sliding panel shutter. The requirements relate only to the preservation of performances of shutters, namely functioning and appearance

91.080.10
Metallkonstruktsioonid

Metal structures

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53995
Tähtaeg: 2002-11-01
Identne EVS 1090-1:2002
Teraskonstruktsioonide valmistamine ja montaaž. Osa 1: Üldreeglid ja reeglid hoonekonstruktsioonidele
prEVS 53997
Tähtaeg: 2002-11-01
Identne EVS 1090-2:2002
Teraskonstruktsioonide valmistamine. Osa 2: Lisanõuded külmpainutatud profiilidele ja profiilplekile
prEVS 53999
Tähtaeg: 2002-10-01
Identne EVS 1090-3:2002
Teraskonstruktsioonide valmistamine. Osa 3: Lisanõuded kõrgtugevast terasest konstruktsioonidele
prEVS 54000
Tähtaeg: 2002-10-01
Identne EVS 1090-4:2002
Teraskonstruktsioonide valmistamine. Osa 4: Lisanõuded toruprofiilidest konstruktsioonidele

91.080.30
Kivikonstruktsioonid

Masonry

UUED STANDARDID

EVS-EN 1745:2002
Hind 229,00
Identne EN 1745:2002
Masonry and masonry products - Methods for determining design thermal values
This European Standard gives procedures for the determination of design thermal values (thermal resistance and/or thermal conductivity) of masonry and masonry products.

91.080.40
Betoonkonstruktsioonid

Concrete structures

UUED STANDARDID

EVS-EN ISO 15630-1:2002
Hind 109,00
Identne EN ISO 15630-1:2002
Steel for the reinforcement and prestressing of concrete - Test methods - Part 1: Reinforcing bars, wire rod and wire
This part of ISO 15630 specifies test methods applicable to reinforcing bars, wire rod and wire.

EVS-EN ISO 15630-3:2002
Hind 130,00
Identne ISO 15630-3:2002
ja identne EN ISO 15630-3:2002
Steel for the reinforcement and prestressing of concrete - Test methods - Part 3: Prestressing steel
This part of ISO 15630 specifies test methods applicable to prestressing steels (bar, wire or strand).

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54001
Tähtaeg: 2002-11-01
Identne EVS 1992-1-1:2002
Raudbetoonkonstruktsioonid. Osa 1-1: Üldeeskirjad ja hoonekonstruktsioonide projekteerimiseeskirjad

91.100.10
Tsement. Kips. Lubi. Mört

Cement. Gypsum. Lime. Mortar

KAVANDITE ARVAMUSKÜSITLUS

prEVS 39973
Tähtaeg: 2002-12-01
Identne prEN 1015-18:2002
Methods of test for mortar for masonry - Part 18: Determination of water absorption coefficient due to capillary action of hardened mortar
This European Standard specifies a method for determining the water absorption coefficient due to capillary action of hardened mortars containing mineral binders and normal as well as light weight aggregates
prEVS 53747
Tähtaeg: 2002-12-01
Identne prEN 12002:2002
Adhesives for tiles - Determination of transverse deformation for cementitious adhesives and grouts
This European Standard specifies the test method to be used to determine the transverse deformation of cementitious ceramic tile adhesives and grouts. This standard is applicable to all cementitious ceramic tile adhesives and grouts for internal and external tile installations on floors and walls
prEVS 53749
Tähtaeg: 2002-12-01
Identne prEN 1015-21:2002
Methods of test for mortar for masonry - Part 21: Determination of the compatibility of one-coat rendering mortars with substrates
This European Standard specifies a test method for determining the compatibility of One-Coat (OC) rendering mortars with given substrates. The evaluation is based on the determination of the adhesion strength and water permeability of the hardened render applied on defined substrates, after exposure to weathering cycles
prEVS 53849
Tähtaeg: 2002-12-01
Identne prEN 14117:2002
Products and systems for the protection and repair of concrete structures - Test methods - Determination of viscosity of cementitious injection products
This European Standard describes a test method to determine the viscosity of cementitious injection products, based on the measurement of the flow through a standardised cone

91.100.15
Mineraalsed materjalid ja tooted

Mineral materials and products

UUED STANDARDID

EVS-EN 13383-2:2002
Hind 179,00
Identne EN 13383-2:2002
Armourstone - Part 2 : Test methods
This European Standard specifies test methods for natural, artificial and recycled aggregates for use as armourstone.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53837
Tähtaeg: 2002-12-01
Identne prEN 12620:2002
Aggregates for concrete
This European Standard specifies the properties of aggregates and filler aggregates obtained by processing natural, manufactured or recycled materials and mixtures of these aggregates for use in concrete. It covers aggregates having an oven dried particle density greater than 2,00 Mg/m3 (2000 kg/m3) for all concrete, including concrete in conformity with EN 206-1 and concrete used in roads and other pavements and for use in precast concrete products

91.100.25
Keraamilised ehitustooted

Ceramic building products

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53800
Tähtaeg: 2002-12-01
Identne prEN 14437:2002
Determination of the uplift resistance of installed clay or concrete tiles for roofing - Roof system test method
This European Standard specifies a test method to establish the uplift resistance of installed clay or concrete tiles for roofing, complying to the relevant product standard, EN 490 or EN 1304, which are unfixed or mechanically fixed to the substructure

91.100.30
Betoon ja betoontooted

Concrete and concrete products

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53987
Tähtaeg: 2002-11-02
Identne EVS 833-1:2002
Pingestusterased. Osa 1: Üldised nõuded
Standardi EVS 833 esimene osa määrab kindlaks üldised nõuded kõrge tõmbetugevusega terasest toodetele, mida kasutatakse laialdaselt betooni eelpingestamisel ning muude ehitusvaldkondade tõmbeelementides, nagu pinnasankrud, tõsteseadmed ning sildade kande- ja ankurdustrossid.
prEVS 54064
Tähtaeg: 2002-11-02
Identne EVS 832-1:2002
Teras betooni sarrustamiseks. Osa 1: Üldised nõuded
Standardi EVS 832 esimene osa määrab kindlaks üldised nõuded betoonkonstruktsioonide sarrustamisel kasutatavale keevitatavale venivusklasside A, B ja C sarrusterasele, mida tarnitakse kas varraste ja vihtidena kohapeal kasutamiseks või tehases valmistatud masinkeevisvõrkudena või sarruskarkassidena
prEVS 15827
Tähtaeg: 2002-12-01
Identne prEN 1857:2002
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
prEVS 15829
Tähtaeg: 2002-12-01
Identne prEN 1858:2002

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
prEVS 50586
Tähtaeg: 2002-12-01
Identne prEN 12390-9:2002
Testing hardened concrete - Part 9: Freeze-thaw resistance - Scaling
This European Standard describes the testing of the freeze-thaw resistance of concrete both with water and with sodium chloride solution. It can be used either to assess the test results against some absolute numerical values based on local experiences or to compare new constituents or new concrete compositions against a material or a concrete composition that is known to give adequate performance in the local environment
prEVS 53800
Tähtaeg: 2002-12-01
Identne prEN 14437:2002
Determination of the uplift resistance of installed clay or concrete tiles for roofing - Roof system test method
This European Standard specifies a test method to establish the uplift resistance of installed clay or concrete tiles for roofing, complying to the relevant product standard, EN 490 or EN 1304, which are unfixed or mechanically fixed to the substructure
prEVS 53837
Tähtaeg: 2002-12-01
Identne prEN 12620:2002
Aggregates for concrete
This European Standard specifies the properties of aggregates and filler aggregates obtained by processing natural, manufactured or recycled materials and mixtures of these aggregates for use in concrete. It covers aggregates having an oven dried particle density greater than 2,00 Mg/m3 (2000 kg/m3) for all concrete, including concrete in conformity with EN 206-1 and concrete used in roads and other pavements and for use in precast concrete products

91.100.60 Soojus- ja heliisolatsioonimaterjalid

Thermal and sound insulating materials

KAVANDITE ARVAMUSKÜSITLUS

prEVS 39753
Tähtaeg: 2002-12-01
Identne prEN 13495:2002
Thermal insulation products for building applications - Determination of the pull-off resistance of external thermal insulation composite systems (ETICS)(foam block test)
This European Standard specifies equipment and a procedure for determining of the pull-off resistance of external thermal insulation composite systems (ETICS) which are mechanical fixed or mechanical fixed and bonded. The method described is known as "foam block test"
prEVS 39757
Tähtaeg: 2002-12-01
Identne prEN 13494:2002
Thermal insulation products for building applications - Determination of the tensile bond strength of the adhesive and of the base coat to the thermal insulation material
This European Standard specifies equipment and procedures for determining the tensile bond strength of the adhesive and of the base coat to the thermal insulation material
prEVS 39758
Tähtaeg: 2002-12-01
Identne prEN 13496:2002
Thermal insulation products for building applications - Determination of the mechanical properties of glass fibre meshes
This European Standard specifies equipment and procedures for determining the tensile strength and elongation of glass fibre meshes which are used for the reinforcement of the base coat in External Thermal Insulation Composite Systems (ETICS)
prEVS 39759
Tähtaeg: 2002-12-01
Identne prEN 13497:2002
Thermal insulation products for building applications - Determination of the resistance to impact of external thermal insulation composite systems (ETICS)
This European Standard specifies equipment and a procedure for determining the resistance to impact of external thermal insulation composite systems
prEVS 39760
Tähtaeg: 2002-12-01
Identne prEN 13498:2002
Thermal insulation products for building applications - Determination of the resistance to penetration of external thermal insulation composite systems (ETICS)
This European Standard specifies equipment and a procedure for determining the resistance to penetration of external thermal insulation composite systems

91.100.99 Muud ehitusmaterjalid

Other construction materials

KAVANDITE ARVAMUSKÜSITLUS

prEVS 12497
Tähtaeg: 2002-12-01
Identne prEN 12600:2002
Glass in building - Pendulum test - Impact test method and classification for flat glass
This European Standard specifies a pendulum impact test method for single flat panes of glass for use in buildings. The test is intended to classify flat glass products in three principal classes by performance under impact and by mode of breakage. This standard does not specify requirements for applications, nor does it specify requirements for durability

91.120.10 Soojusisolatsioon

Thermal insulation

UUED STANDARDID

EVS-EN 1745:2002
Hind 229,00
Identne EN 1745:2002
Masonry and masonry products - Methods for determining design thermal values

This European Standard gives procedures for the determination of design thermal values (thermal resistance and/or thermal conductivity) of masonry and masonry products.

91.140.50 Elektrivarustussüsteemid

Electricity supply systems

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53968
Tähtaeg: 2002-11-01
Identne HD 384.4.482 S1:1997
Electrical installations of buildings - Part 4: Protection for safety - Chapter 48: Choice of protective measures as a function of external influences - Section 482: Protection against fire where particular risks or danger exist
Selection and erection of installations on locations with risks of fire due to the nature of processed or stored materials like the manufacturing, processing, storage of combustible materials, including the accumulation of dust as in barns, woodworking factories, paper mills, textile factories or similar.
prEVS 53969
Tähtaeg: 2002-12-01
Identne IEC 60364-7-703:1984
ja identne HD 384.7.703 S1:1991
Electrical installations of buildings; Part 7: requirements for special installations or locations; section 703: locations containing sauna heaters
Applies to locations in which sauna heating equipment according to IEC Publication 60335-2-53, Safety of Household and Similar Electric Appliances, Part 2: Particular Requirements for Electric Heating Appliances for Saunas, is installed and exclusively reserved for such use.
prEVS 53970
Tähtaeg: 2002-12-01
Identne IEC 60364-7-705:1984
ja identne HD 384.7.705 S1:1991
Electrical installations of buildings; Part 7: requirements for special installations or locations; section 705: electrical installations of agricultural and horticultural premises
Applies to all parts of fixed installations of agricultural and horticultural premises outdoors and indoors and to locations where livestock are kept (such as stables, chicken-houses, piggeries, feed-processing locations, lofts and storages for hay, straw and fertilisers).
prEVS 53971
Tähtaeg: 2002-12-01
Identne IEC 60364-7-706:1983
ja identne HD 384.7.706 S1:1991
Electrical installations of buildings; part 7: requirements for special installations or locations; section 706: restrictive conducting locations
Applies to installations for restrictive conducting locations and to the supply to apparatus within the locations,
prEVS 53973
Tähtaeg: 2002-12-01
Identne IEC 60364-7-714:1996
ja identne HD 384.7.714 S1:2000
Electrical installations of buildings - Part 7: Requirements for special installations or locations - Section 714: Outdoor lighting installations
Deals with fixed external lighting installations. The requirements apply particularly to lighting installations e.g. for roads, parks, gardens, public places, sporting areas, illumination of monuments and flood lighting, and other equipment incorporating lighting such as telephone kiosks, bus shelters, advertising panels, town maps, road signs. Note: External lighting comprises luminaires, wiring system and accessories located outside buildings.

91.140.60 Veevarustussüsteemid

Water supply systems

KAVANDITE ARVAMUSKÜSITLUS

prEVS 32111
Tähtaeg: 2002-12-01
Identne prEN 12729:2002
Devices to prevent pollution by backflow of potable water - Controllable backflow preventer with reduced pressure zone - Family B - Type A
This European Standard specifies the field of application, the dimensional, the physico-chemical, the design, the hydraulic, the mechanical, and the acoustic characteristics of controllable backflow preventer with reduced pressure zone Family B Type A

91.140.65 Veesoendussüsteemid

Water heating equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53534
Tähtaeg: 2002-11-01
Identne EN 60335-2-21:1999 /A11:2002
Safety of household and similar electrical appliances - Part 2: Particular requirements for storage water heaters
This standard applies to stationary non-instantaneous storage water heaters intended for heating water to a temperature below its boiling point. Water heaters may be thermally insulated for long-term storage or uninsulated for temporary storage of hot water. Water heaters not intended for normal household use, but which nevertheless may be a source of danger to the public, such as water heaters intended to be used in shops, in light industri and on farms, are within the scope of this standard.

91.140.70 Sanitaarseadmed

Sanitary installations

KAVANDITE ARVAMUSKÜSITLUS

prEVS 7563
Tähtaeg: 2002-12-01
Identne EN 248:2002
Sanitary tapware - General specification for electro-deposited coatings of Ni-Cr
This European Standard specifies: - the condition of the exposed surfaces of tapware ;- the characteristics (resistance to corrosion, adherence) of the surface coating ; - the tests for verifying these characteristics. It applies to all sanitary fittings (supply or waste fittings) which have a metallic Ni-Cr coating,

whatever the nature of the substrate material.

91.160.20 Välisvalgustus

Exterior building lighting

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53973
Tähtaeg: 2002-12-01
Identne IEC 60364-7-714:1996 ja identne HD 384.7.714 S1:2000
Electrical installations of buildings - Part 7: Requirements for special installations or locations - Section 714: Outdoor lighting installations
Deals with fixed external lighting installations. The requirements apply particularly to lighting installations e.g. for roads, parks, gardens, public places, sporting areas, illumination of monuments and flood lighting, and other equipment incorporating lighting such as telephone kiosks, bus shelters, advertising panels, town maps, road signs. Note: External lighting comprises luminaires, wiring system and accessories located outside buildings.

91.220 Ehitusseadmed

Construction equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 19408
Tähtaeg: 2002-12-01
Identne prEN 12110:2002
Tunnelling machines - Air locks - Safety requirements
This standard applies for the design, construction, equipping, marking and testing of air locks and pressure bulkheads, which are to be used in tunnelling work

93.020 Mullatööd. Süvendid. Vundamendiehitus. Allmaatööd

Earthworks. Excavations. Foundation construction. Underground works

KAVANDITE ARVAMUSKÜSITLUS

prEVS 38219
Tähtaeg: 2002-12-01
Identne EN 13331-1:2002
Trench lining systems - Part 1: Product specifications
This European Standard specifies requirements for metallic trench lining systems assembled completely from purpose made prefabricated components. It includes material, constructional and structural requirements. Partial safety factors for design refer to annex A
prEVS 38220
Tähtaeg: 2002-12-01
Identne EN 13331-2:2002
Trench lining systems - Part 2: Assessment by calculation or test
This European Standard specifies methods of calculation and tests to assess the conformity of trench lining systems with the requirements of prEN 13331-1

93.030 Kanalisatsiooni välisvõrgud

External sewage systems

KAVANDITE ARVAMUSKÜSITLUS

prEVS 25210
Tähtaeg: 2002-12-01
Identne prEN 1916:2002
Concrete pipes and fittings, unreinforced, steel fibre and reinforced
This European Standard specifies performance requirements as defined in Table 1 and describes test methods for precast concrete pipes and fittings, unreinforced, steel fibre and reinforced, with flexible joints (with seals either integrated in the units or supplied separately) and nominal sizes not exceeding DN 1 750 for units with a circular bore or WN/HN 1 200/1 800 for units with an egg-shaped bore, for which the main intended use is the conveyance of sewage, rainwater and surface water under gravity or occasionally at low head of pressure, in pipelines that are generally buried
prEVS 25215
Tähtaeg: 2002-12-01
Identne prEN 1917:2002
Concrete manholes and inspection chambers, unreinforced, steel fibre and reinforced
This European Standard specifies performance requirements as defined in Table 1 and describes test methods for precast concrete units for inspection chambers designed to be used for inverts not exceeding 2 metres deep and manholes, of circular, rectangular (with or without chamfered or rounded corners) or elliptical internal shape, unreinforced, steel fibre and reinforced, with nominal sizes not exceeding DN 1 250 (circular) or LN 1 250 (rectangular or elliptical)
prEVS 53858
Tähtaeg: 2002-12-01
Identne prEN 14457:2002
General requirements for components specifically designed for use in trenchless construction of drains and sewers
This European standard specifies general requirements for trenchless pipes and their joints intended for use in drains and sewers which operate in trenchless construction according to 6.2.1 Pipe jacking, 6.1.3.1 Microtunnelling and 6.1.3.2 Pilot jacking with pipe bore of EN 12889:2000 as gravity systems, according to EN 476 where any pressure to occur is a maximum of 40 kPa or operated under pressure according to EN 773 where pressure can be more than 40 kPa.

93.060 Tunneliehitus

Tunnel construction

KAVANDITE ARVAMUSKÜSITLUS

prEVS 19408
Tähtaeg: 2002-12-01
Identne prEN 12110:2002
Tunnelling machines - Air locks - Safety requirements

This standard applies for the design, construction, equipping, marking and testing of air locks and pressure bulkheads, which are to be used in tunnelling work

93.080.20 Teedeehitusmaterjalid

Road construction materials

KAVANDITE ARVAMUSKÜSITLUS

prEVS 31927
Tähtaeg: 2002-12-01
Identne prEN 12697-7:2002
Bituminous mixtures - Test methods for hot mix asphalt - Part 7: Determination of bulk density of bituminous specimens by gamma rays
This European Standard describes a method for measuring the bulk density of pavement mixtures using a transmission-type gamma radiation test bench
prEVS 31932
Tähtaeg: 2002-12-01
Identne prEN 12697-29:2002
Bituminous mixtures - Test method for hot mix asphalt - Part 29: Determination of the dimensions of a bituminous specimen
This European Standard specifies a test method for determining the dimensions of cylindrical, rectangular or nonrectangular bituminous test specimens by measurement. The applicability of this European Standard is described in the product standards for bituminous mixtures
prEVS 35134
Tähtaeg: 2002-12-01
Identne prEN 12697-9:2002
Bituminous mixtures - Test methods for hot mix asphalt - Part 9: Determination of the reference density
This European Standard describes a test method for the determination of reference densities of bituminous mixtures. These densities are obtained on specimens compacted by three alternative compactors at specified compaction energies in accordance with prEN 12697-30, prEN 12697-31 and prEN 12697-32 for the impact, gyratory and vibratory compactors respectively
prEVS 53804
Tähtaeg: 2002-12-01
Identne prEN 14440:2002
Slurry surfacing - Factory production control
This Draft European Standard specifies Factory Production Control requirements for use by the manufacturers of slurry surfacing. The Factory Production Control has the quality aim to give adequate assurance that the slurry surfacing conforms to the relevant technical specifications
prEVS 53813
Tähtaeg: 2002-12-01
Identne prEN 12697-2:2002
Bituminous mixtures - Test method for hot mix asphalt - Part 2: Determination of particle size distribution
This European Standard specifies a procedure for the determination of the particle size distribution of the aggregates of bituminous mixtures by sieving. The test is applicable to aggregates recovered after binder extraction in accordance with EN 12697-1
prEVS 53920
Tähtaeg: 2002-12-01
Identne prEN 13108-8:2002
Bituminous mixtures - Material specifications - Part 8: Reclaimed asphalt
This European Standard specifies requirements for reclaimed asphalt as a constituent material for asphalt mixtures. Reclaimed asphalt comprises asphalt, not containing tar, reclaimed by milling of asphalt road layers, by crushing of plates teared up from asphalt pavements, lumps from plates, and asphalt from surplus production

93.080.30 Teepäraldised

Road equipment and installations

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53788
Tähtaeg: 2002-11-01
Identne HD 638 S1:2001
Road traffic signal systems
This standard specifies requirements for Road Traffic Signal Systems, including their development, design, testing, installation and maintenance.
prEVS 53859
Tähtaeg: 2002-12-01
Identne prEN 12899-4:2002
Fixed, vertical road traffic signs - Part 4: Factory production control
This part of this European standard describes the requirements on Factory Production Control (FPC) system 1, as required by the Directive 89/106/EEC in support of its legal requirements, with which manufacturers of fixed, vertical road traffic signs (i.e., signs, transilluminated traffic bollards, delineator posts and retroreflective devices) shall comply, when their products have to bear the European Commission conformity marking: CE marking
prEVS 53860
Tähtaeg: 2002-12-01
Identne prEN 12899-5:2002
Fixed, vertical road traffic signs - Part 5: Initial type testing
This part of this standard describes the requirements for initial type testing (ITT) as required by the construction product directive (CPD) in support of its legal requirements to assess the essential characteristics

93.080.40 Tänavavalgustus

Street lighting and related equipment

UUED STANDARDID

EVS-EN 40-5:2002
Hind 146,00
Identne EN 40-5:2002
Lighting columns - Part 5: Requirements for steel lighting columns
This European Standard specifies requirements for steel lighting columns. It includes materials and conformity control. It applies to post top columns not exceeding 20 m height for post top lanterns and to columns with brackets not exceeding 18 m height for side entry lanterns. This European Standard specifies performance related to the essential requirements of resistance to horizontal (wind) loads and performance under vehicle impact (passive safety) in support of the Essential Requirement No 4 Safety in use measured according to the corresponding test methods included in this European Standard or available in separate European Standards. It provides for the

evaluation of conformity of the products to this European Standard.

EVS-EN 40-6:2002
Hind 139,00
Identne EN 40-6:2002
Lighting columns - Part 6: Requirements for aluminium lighting columns
This European Standard specifies requirements for aluminium lighting columns. It includes materials and conformity control. It applies to post top columns not exceeding 20 m height for post top lanterns and to columns with brackets not exceeding 18 m height for side entry lanterns. This European Standard specifies performance related to the essential requirements of resistance to horizontal (wind) loads and performance under vehicle impact (passive safety) in support of the Essential Requirement No 4 Safety in use measured according to the corresponding test methods included in this European Standard or available in separate European Standards. It provides for the evaluation of conformity of the products to this European Standard.

97.030
Elektrilised kodumasinad

Domestic electrical appliances in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 25125
Tähtaeg: 2002-11-01
Identne IEC 60704-1:1997
ja identne EN 60704-1:1997
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 1: General requirements
This standard applies to electric appliances (including their accessories or components) for household and similar use, supplied from mains or from batteries. This standard does not apply to: - appliances, equipment or machines designed exclusively for industrial or professional purposes; - appliances which are integrated parts of a building or its installations such as equipment for air conditioning, heating and ventilating (except household fans, cooker hoods and free standing heating appliances), oil burners for central heating, pumps for water supply and for sewage systems.
prEVS 39458
Tähtaeg: 2002-11-01
Identne IEC 60734:1993
ja identne EN 60734:1993
Hard water to be used for testing the performance of some household electrical appliances
This international standard applies to hard water to be used for testing the performance of some household electrical appliances such as washing machines, steam irons, etc. It defines the characteristics of this hard water and establishes the method to be used for obtaining it.

97.040.40
Nõudepesumasinad

Dishwashers

KAVANDITE ARVAMUSKÜSITLUS

prEVS 27187
Tähtaeg: 2002-11-01
Identne IEC 60704-2-3:2001
ja identne EN 60704-2-3:2002
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-3: Particular requirements for dishwashers
These particular requirements apply to single unit electric dishwashers for household and similar use, with and without automatic programme control, for cold and (or) hot water supply, for detachable or permanent connection to water supply or sewage systems, intended for placing on the floor against the wall, for building in or placing under a counter, a kitchen work-top or under a sink, for wall-mounting or on a counter. Limitations for the use of this test code are given in the scope of IEC Publication 704-1.

97.040.50
Köögi väikevahendid

Small kitchen appliances

KAVANDITE ARVAMUSKÜSITLUS

prEVS 30275
Tähtaeg: 2002-11-01
Identne IEC 60704-2-11:1998
ja identne EN 60704-2-11:1999
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-11: Particular requirements for electrically operated food preparation appliances
This standard applies to the electrically operated food preparation appliances, either in the form of separate machines with a single function or in the form of multi-purpose machines with appropriate tools or attachments for several functions, intended for placing on counters, tables work tops or sinks, for wall-mounting, for building-in, or for hand-held use, supplied from mains or from batteries and able to ensure the functions described in clause 4 of IEC 60619. Limitations for the use of this test code are given in the scope of IEC 60704-1.

97.040.60
Kööginõud, söögiriistad ja lauanõud

Cookware, cutlery and flatware

KAVANDITE ARVAMUSKÜSITLUS

prEVS 37815
Tähtaeg: 2002-11-01
Identne prEN 13258:2002
Materials and articles in contact with foodstuffs - Test methods for crazing resistance of ceramic articles
This European Standard specifies two test methods (methods A and B) for the determination of crazing resistance of glazed ceramic tableware articles in contact with food with water absorption higher than 0,5 % (determined according to method C of EN 1217:1997)

97.060
Pesumajade sisseseade

Laundry appliances

UUED STANDARDID

EVS-EN 60311:2002
Hind 283,00
Identne IEC 60311:1995+A1:1997+A2:1999
ja identne EN 60311:1997+A1:1997+A2:2000

Electric irons for household or similar use - Methods for measuring performance
States and defines the principal performance characteristics of electric irons for household or similar use which are of interest to the user and describes the standard methods for measuring these characteristics. Safety and performance requirements are not considered.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 21403
Tähtaeg: 2002-11-01
Identne IEC 60704-2-6:1994
ja identne EN 60704-2-6:1995
Test code for the determination of airborne acoustical noise emitted by household and similar electrical appliances - Part 2: Particular requirements for tumble-dryers
This standard applies to household electric tumble-dryers as defined in IEC 1121. Its application to washer-dryer combinations, when operated as a dryer, is under study. Limitations for the use of this test code are given in the scope of IEC 704-1.

97.100
Kodu-, äri- ja tööstusküttеseadmed

Domestic, commercial and industrial heating appliances

KAVANDITE ARVAMUSKÜSITLUS

prEVS 27044
Tähtaeg: 2002-11-01
Identne IEC 60675:1994+A1:1998
ja identne EN 60675:1995+ A1:1998
Household electric direct-acting room heaters - Methods for measuring performance
This standard applies to electric direct-acting room heaters. They may be portable, stationary, fixed, or built-in.This standard defines the main performance characteristics of direct-acting room heaters and specifies methods for measuring these characteristics, for the information of users.

97.100.20
Gaasiga köetavad kütteseadmed

Gas heaters

UUED STANDARDID

EVS-EN 416-1:2000/A3:2002
Hind 101,00
Identne EN 416-1:1999/A3:2002
Single burner gas-fired overhead radiant tube heaters for nondomestic use - Part 1: Safety
This standard is applicable to type A2, A3, B12, B13, B22, B23, C12, C13, C32 and C33 appliances intended for use in other than domestic dwellings, in which the supply of combustion air and/or the evacuation of the products of combustion is achieved by mechanical means located upstream of the draught diverter, if provided.

EVS-EN 777-1:2000/A3:2002
Hind 57,00
Identne EN 777-1:1999/A3:2002
Multi-burner gas-fired overhead radiant tube heater systems for non-domestic use - Part 1: System D, safety
This standard specifies the requirements and test methods for the construction, safety, efficiency, classification and marking of non-domestic gas fired overhead radiant tube heaters incorporated into a multi-burner system with each burner unit under the control of an automatic burner control system. This standard applies to Type B 22 systems intended for use in other than domestic dwellings, in which the supply of combustion air and/or the evacuation of the products of combustion is achieved by mechanical means.

EVS-EN 777-2:2000/A3:2002
Hind 57,00
Identne EN 777-2:1999/A3:2002
Multi-burner gas-fired overhead radiant tube heater systems for non-domestic use - Part 2: System E, safety
This standard specifies the requirements and test methods for the construction, safety, classification and marking of non-domestic gas fired overhead radiant tube heaters incorporated into a multi-burner system with each burner unit under the control of an automatic burner control system. This standard is applicable to Type B 22 and Type B 23 systems intended for use in other than domestic dwellings, in which the supply of combustion air and/or the evacuation of the products of combustion is achieved by mechanical means.

EVS-EN 777-3:2000/A3:2002
Hind 57,00
Identne EN 777-3:1999/A3:2002
Multi-burner gas-fired overhead radiant tube heater systems for non-domestic use - Part 3: System F, safety
This standard specifies the requirements and test methods for the construction, safety, classification and marking of non-domestic gas fired overhead radiant tube heaters incorporated into a multi-burner system with each burner unit under the control of an automatic burner control system. This standard applies to Type B 22x and Type B 23x systems intended for use in other than domestic dwellings, in which the supply of combustion air and/or the evacuation of the products of combustion is achieved by mechanical means.

EVS-EN 777-4:1999/A3:2002
Hind 57,00
Identne EN 777-4:1999/A3:2002
Multi-burner gas-fired overhead radiant tube heater systems for non-domestic use - Part 4: System H, safety
Käesolev Euroopa standard määrab kindlaks mittekoduseks kasutamiseks ettenähtud kõrgele paigaldatava soojust kiirgava toruga gaasküttesoojussüsteemide konstruktsioonile, ohutusele, liigitusele ja märgistusele esitatavad nõuded ja testimismeetodid, kui süsteemi konstruktsiooni kuulub üks ventilaator gaasiväljumislõõril ja kaks või enam põletiüksust, kus kõiki põleteid reguleerib automaatne põletite juhtimise süsteem.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53797
Tähtaeg: 2002-12-01
Identne prEN 14438:2002
Gas-fired insets for heating more than one room

This European Standard specifies the requirements and test methods for the construction, safety, marking and rational use of energy of gas-fired insets for heating more than one room that are built into a casing made from brickwork or similar material, hereafter referred to as appliances

97.130.30
Poekärud

Trolleys for supermarket use

KAVANDITE ARVAMUSKÜSITLUS

prEVS 36974
Tähtaeg: 2002-12-01
Identne prEN 1929-2:2002
Basket trolleys - Part 2: Requirements, tests and inspection for basket trolleys with or without a child carrying facility, intended to be used on passenger conveyors
This draft European Standard specifies requirements for the construction, performance, testing and safety specifications for general purpose self service basket trolleys, with or without a child carrying facility, intended to be used on passenger conveyors conforming to EN 115, accompanied by a user

97.140
Mööbel

Furniture

KAVANDITE ARVAMUSKÜSITLUS

prEVS 15014
Tähtaeg: 2002-12-01
Identne prEN 527-2:2002
Office furniture - Work tables and desks - Part 2: Mechanical safety requirements
This part of this European Standard specifies the mechanical safety requirements of office tables and desks
prEVS 32316
Tähtaeg: 2002-12-01
Identne prEN 14465:2002
Textiles - Upholstery fabrics - Specification and methods of test
This standard specifies a set of properties relevant to the assessment of upholstery fabrics for indoor furniture and the appropriate test methods to determine these properties. It also describes a matrix system to express the material properties of an upholstery fabric

97.145
Redelid

Ladders

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53812
Tähtaeg: 2002-12-01
Identne prEN 13101:2002
Steps for underground man entry chambers - Requirements, marking, testing and evaluation of conformity
This standard specifies general requirements and testing methods for steps manufactured from cast iron, steel or aluminium, for use in manholes and other underground man entry chambers as a means of access

97.150
Mitmetekstiilsed põrandakatted

Non-textile floor coverings

UUED STANDARDID

EVS-EN 425:2002
Hind 75,00
Identne EN 425:2002
Resilient and laminate floor coverings - Castor chair test
This European Standard specifies a method for determining the change of appearance and stability of a resilient floor covering or a laminate floor covering, including joints, under the movement of a castor chair.

EVS-EN 13553:2002
Hind 101,00
Identne EN 13553:2002
Resilient floor coverings - Polyvinyl chloride floor coverings for use in special wet areas - Specification
This European standard specifies the minimum additional characteristics which are necessary for: - polyvinyl chloride floor coverings in roll form according to EN 649, and - polyvinyl chloride floor coverings with foam backing in roll form to EN 651 to be installed satisfactorily in special wet areas to form a watertight installation with a long life. It specifies two categories (A and B) for use on different substrates.

97.170
Tualett-tarbed

Body care equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 25151
Tähtaeg: 2002-11-01
Identne IEC 60704-2-8:1997
ja identne EN 60704-2-8:1997
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2: Particular requirements for electric shavers
This standard applies to electric shavers for domestic and similar, supplied from mains or batteries. By similar use is understood the use in hotels, shops, offices, etc. Note - This standard does not apply to shavers which are powered by other than electrical means for example by a spring-device. If possible, this standard can also be applied to analogous electrically operating devices such as hair clippers and depilating devices.

97.190
Seadmed lastele

Equipment for children

KAVANDITE ARVAMUSKÜSITLUS

prEVS 25251
Tähtaeg: 2002-12-01
Identne prEN 1888:2002
Child care articles - Wheeled child conveyances - Safety requirements and test methods

This European Standard specifies the safety requirements and test methods for wheeled child conveyances, designed for the carriage of one or more children. This European Standard does not cover toy pushchairs or perambulators and wheeled conveyances designed for children with special needs
prEVS 53815
Tähtaeg: 2002-12-01
Identne prEN 1400-1:2002
Child use and care articles - Soothers for babies and young children - Part 1: General safety requirements and product information
This part of this European Standard specifies general safety requirements relating to the materials, construction, packaging and labelling of soothers. It includes also requirements relating to the instructions for use. This European Standard is applicable to products that resemble or function as a soother unless they are being marketed as medical devices
prEVS 53816
Tähtaeg: 2002-12-01
Identne prEN 1400-2:2002
Child use and care articles - Soothers for babies and young children - Part 2 : Mechanical requirements and tests
This part of this European Standard specifies mechanical requirements and test methods for the performance of soothers for babies and young children. This European Standard is applicable to products that resemble or function as a soother unless they are being marketed as medical devices
prEVS 53817
Tähtaeg: 2002-12-01
Identne prEN 1400-3:2002
Child use and care articles - Soothers for babies and young children - Part 3 : Chemical requirements and tests
This part of EN 1400 Child use and care articles specifies limits for the release of certain chemicals from materials to be used for the manufacture of soothers and products which resemble a soother. It includes test methods for the chemical safety requirements specified
prEVS 53830
Tähtaeg: 2002-12-01
Identne prEN 1466:2002
Child care articles - Carry cots and stands - Safety requirements and test methods
This European standard specifies safety requirements and test methods for products which are intended for the purpose of carrying a child in a lying position by means of handle(s) which may be held by one hand

97.200.30 Matkavarustus ja laagrikohad

Camping equipment and camp-sites

KAVANDITE ARVAMUSKÜSITLUS
prEVS 16316
Tähtaeg: 2002-12-01
Identne EN 1949:2002
Specification for the installation of LPG systems for habitation purposes in leisure accomodation vehicles and in other road vehicles
This European Standard specifies the requirements for the installation of liquefied petroleum gas systems for habitation purposes in leisure accommodation vehicles and in other road vehicles. It details safety and health requirements on the selection of materials, components and appliances, on design considerations and soundness testing of installations and on the contents of the user's handbook
prEVS 22800
Tähtaeg: 2002-12-01
Identne EN 13538-2:2002
Determination of dimensional characteristics of sleeping bags - Part 2: Thickness and elastic recovery
This European Standard specifies a method for the determination of the thickness and elastic recovery of sleeping bags filled with feathers and/or down
prEVS 53792
Tähtaeg: 2002-12-01
Identne EN 13538-1:2002
Determination of dimensional characteristics of sleeping bags - Part 1: Internal dimensions
This European Standard specifies a procedure for the determination of the internal dimensions of sleeping bags as specified in prEN 13537
prEVS 53972
Tähtaeg: 2002-12-01
Identne IEC 60364-7-708:1988
ja identne HD 384.7.708 S1:1992
Electrical installations of buildings; part 7: requirements for special installations or locations; section 708: electrical installations in caravan parks and caravans
The requirements of Part 7 supplement, modify or annul the general requirements of the other parts of IEC 60364. Also supersedes IEC 60585-1 (1977).

97.220.30 Spordisaali varustus

Indoor sports equipment

KAVANDITE ARVAMUSKÜSITLUS
prEVS 38760
Tähtaeg: 2002-12-01
Identne prEN 14468-1:2002
Table tennis - Part 1: Table tennis tables, functional and safety requirements, test methods
This European Standard specifies functional requirements (see clause 5) and safety requirements (see clause 6) for table tennis tables. This European Standard is applicable to 5 types of table tennis tables (see Table 2) within the classes A to D
prEVS 53901
Tähtaeg: 2002-12-01
Identne prEN 14468-2:2002
Table tennis - Part 2: Net assemblies, requirements and test methods
This part of prEN 14468 specifies requirements for net assemblies permanently or temporarily attached to a table tennis table in accordance with prEN 14468-1

97.220.40 Välis- ja veespordi tarbed

Outdoor and water sports equipment

KAVANDITE ARVAMUSKÜSITLUS
prEVS 53776
Tähtaeg: 2002-12-01
Identne prEN 892:2002
Mountaineering equipment - Dynamic mountaineering ropes - Safety requirements and test methods

This European Standard specifies safety requirements and test methods for dynamic ropes (single, half and twin ropes) in kernmantel construction for use in mountaineering including climbing
prEVS 54012
Tähtaeg: 2003-01-01
Identne prEN 14467:2002
Recreational diving services - Requirements for recreational scuba diving service providers
This European Standard specifies requirements for providers of in the field of recreational scuba diving. It defines three areas of service provision: - training and education, - organised and guided diving for certified divers, - rental of diving equipment.

99 (Nimetuseta)

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53833
Tähtaeg: 2002-12-01
Identne prEN 10330:2002
Magnetic materials - Method of measurement of the coercivity of magnetic materials in an open circuit
This European standard specifies the method of measurement of the coercivity of magnetic materials in an open magnetic circuit. It applies to magnetic materials having a coercivity up to 500 kA/m. Special precautions to take in measuring coercivities below 40 A/m and above 160 kA/m are given in annex A
prEVS 53834
Tähtaeg: 2002-12-01
Identne prEN 10331:2002
Magnetic materials - Specification for sintered soft magnetic materials
This European Standard specifies some magnetic and mechanical properties of sintered soft magnetic metals which are used for components made by a powder metallurgical process only. This standard does not apply to magnetically soft castings or to semi-finished products
prEVS 53835
Tähtaeg: 2002-12-01
Identne prEN 10332:2002
Magnetic materials - Permanent magnet (magnetically hard) materials - Methods of measurement of magnetic properties
This European standard specifies the method of measurement of the magnetic flux density, magnetic polarization and the magnetic field strength and also the determination of the demagnetization curve and recoil line of permanent magnet materials, such as those specified in IEC 404-8-1, the properties of which are presumed homogeneous throughout their volume
prEVS 53864
Tähtaeg: 2002-12-01
Identne prEN 10319-1:2002
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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