EESTI STANDARDIKESKUS

EVS TEATAJA

5/2002

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TOIMETAJA VEERG

Avaldame Tehnilise normi ja standardi seaduse muudatuse. Seaduses on muudatusi terminoloogias, standarditele viitamises, teavitamises, EVS-i kohustustes jne. Varem käibel olnud "tehnospetsifikaat" on asendatud "tehnilise kirjeldusega". Määratletud on ka harmoneeritud standardi mõiste.
Kuna orienteerumine EL direktiivide ja harmoneeritud standardite rägastikus on küllalt keeruline, on Standardikeskusele nüüdsest seadusega pandud kohustus avaldada eraldiseisvalt veebilehel ja EVS väljaandes teavet harmoneeritud standarditest, mille kohta on avaldatud teade EL Ametlikus Teatajas, ja harmoneeritud standarditest, mis on üle võetud Eesti standarditeks. Nende loetelude avaldamisega teeme algust juunis. Loodame sellega parandada nii tootjate kui seadusandja informeeritust standarditest.
Pidevalt suureneb ehitusstandardite osakaal Euroopas. Märtsi seisuga on esitatud CEN-ile 147 kavandit ning heakskiidetud 67 harmoneeritud standardit (hEN).
Ehitusalastest uudistest Eestis võib nimetada kahe uue tehnilise komitee registreerimist ja nelja uue betoonistandardi ilmumist. Neid kõiki tutvustame lähemalt selles numbris.
Ilmusid ka kauaoodatud eestikeelsed pliivaba bensiini ja diisliküttuse nõuete ja katsemeetodite standardid koos rahvuslike lisadega.

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EESTI UUDISED

TEHNILISE NORMI JA STANDARDI SEADUSE MUUTMISE SEADUS RT I 2002, 32, 186. Vt lk 3

Vabariigi Valitsuse 9. aprilli 2002 määrusega nr 125 kehtestati **Kosmeetikatoodete märgistamise eeskiri** + Teabe asukohale viitav sümbol RT I 2002, 33, 204

Majandusministri 19. aprilli 2002. a määrusega nr 16 muudeti Majandusministri 29. novembri 2000. a määrust nr 38 **"Mõõtevahendite taatlemise kord ja taatluskehtivusajad"** RTL 2002, 52, 745

11. aprillil sõlmisid Eesti Kinnisvara Haldajate ja Hooldajate Liit, Soome Vabariigi Keskkonnaministeerium, Sihtasutus KredEx, Tartu Elamuhalduse AS ja Tallinna Tehnikaülikool kinnisvara korrashoiu arendamise alase koostöölepingu. Koostööprojekti eesmärk on laiemalt levitada Eesti standardi "Kinnisvara korrashoiu tagamise tegevuse" põhimõtteid.

18. aprillil toimus Standardikeskuses seminar tehniliste komiteede rollist. Rahvusvahelistest, Euroopa ja Eesti Tehniliste komiteedest ning nende tegevusest rääkis standardiosakonna juhataja Raul Juhanson ning standardite koostamisest ja tehniliste komiteede dokumentidest Mereli Mändla.

25. aprillil toimus Standardikeskuse korraldusel järjekordne kvaliteedijuhtimissüsteemide seminar, seekord teemal "ISO 9000 uuendused". Lektoriks oli Tauno-Jussi Onoper.

Majandusministeeriumis toimus Phare programmi raames aprillis kaks seminari. 3. aprillil vastavushindamisest ja akrediteerimisest ning 16.aprillil riigietalonide arendamisest. Vt lk 9 ja 10

12. aprillil registreeriti kaks uut EVS standardimise tehnilist komiteed:
ESV/TK 13 Ehituskonstruktsioonide projekteerimine. Vt lk 6
Komitee käsitlusalasse kuulub
CEN/TC 250 Eurokoodeksid ehituses
Esimees Kalju Loorits ja sekretär Kaido Rajur

EVS/TK 14 Ehitiste soojuslik toimivus. Vt lk 7
Uue komitee käsitlusalasse kuuluvad
CEN/TC 88 Soojusisolatsioonimaterjalid ja -tooted
CEN/TC 89 Hoonete ja nende osade soojuspidavus
Esimees on Kaido Hääl ja sekretär Enno Rebane

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KUI TAHAD NÄHA ENDA TEHTUD FOTOT EVS TEATAJA KAANEL

OSALE KONKURSIL
EVS TEATAJA UUED KAANEPILDID

KONKURSI TINGIMUSED

Konkursifotode esitamise tähtaeg on 31. mai 2002
(Mis ei tähenda, et peale nimetatud tähtaega fotosid enam saata ei tohi)

Fotod saata aadressil anne@evs.ee
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(soovi korral tagastame foto)

ERITI OODATUD ON MEIE KOOSTÖÖPARTNERITE JA TEHNILISTE KOMITEEDE TEGEVUSVALDKONDI KÄSITLEVAD FOTOD

PARIMALE EVS SÜMBOOLIKAGA MEENE
OOTAME AKTIIVSET OSAVÕTTU

Vabariigi President kuulutas 2. aprillil 2002. a otsusega nr 130 välja 13. märtsil 2002 vastu võetud tehnilise normi ja standardi seaduse muudatuse (RT I **2002, 32, 186)**

TEHNILISE NORMI JA STANDARDI SEADUSE MUUTMISE SEADUS

Tehnilise normi ja standardi seaduses (RT I 1999, 29, 398; 2000, 29, 169; 78, 495) tehakse järgmised muudatused:

1) paragrahvi 1 lõike 1 punktis 1 ja 2. peatüki pealkirjas asendatakse sõna «tehnospetsifikaat» sõnadega «tehniline kirjeldus» vastavas käändes;

2) paragrahvi 1 lõige 2 muudetakse ja sõnastatakse järgmiselt:

« (2) Seadust ei kohaldata riigikaitset ja riigi julgeolekut käsitlevale standardile. Sanitaar- ja fütosanitaarmeetmeid ning infoühiskonna teenusele kehtestatavaid nõudeid käsitlevale õigusaktile kohaldatakse käesoleva seaduse § 8.»;

3) paragrahvid 2 ja 3 muudetakse ning sõnastatakse järgmiselt:

« § 2. Mõisted

(1) Tehniline kirjeldus käesoleva seaduse tähenduses on toote või teenuse omaduste loetelu, samuti neid omadusi mõjutavate protsesside ja tootmismeetodite kirjeldus.

(2) Tehniline norm käesoleva seaduse tähenduses on õigusaktis sätestatud toote valmistamist, turustamist või kasutamist või teenuse osutamist või turustamist reguleeriv nõue või nõue, mis on esitatud toote või teenuse ohutuse, tarbija- või keskkonnakaitse tagamise eesmärgil ja mis mõjutab toote esma- või korduvkasutamist, toote töötlemise või utiliseerimise tingimusi või teenust.

(3) Standard käesoleva seaduse tähenduses on üldiseks ja korduvaks kasutamiseks standardiorganisatsiooni poolt vastuvõetud dokument, mis sisaldab tehnilist kirjeldust või juhiseid tegevuse või selle tulemuse kohta ning mille kasutamine on vabatahtlik.

(4) Standardiorganisatsioon käesoleva seaduse tähenduses on rahvuslikul, regionaalsel või rahvusvahelisel tasandil tunnustatud standardite koostamise, korraldamise ja vastuvõtmisega tegelev isik.

(5) Teavitamine käesoleva seaduse tähenduses on välislepingutega võetud kohustuste ulatuses teistele riikidele, riikide ühendustele või rahvusvahelistele organisatsioonidele teabe andmine ettevalmistatavatest ja vastuvõetud tehnilistest normidest ning standarditest ja õigusaktidest, mis sisaldavad infoühiskonna teenusele kehtestatavaid nõudeid või sanitaar- ja fütosanitaarmeetmeid.

(6) Infoühiskonna teenus käesoleva seaduse tähenduses on teenus, mida osutatakse teenuse kasutaja isiklikul taotlusel üldjuhul tasu eest andmete töötlemiseks ja säilitamiseks mõeldud elektrooniliste vahendite abil ilma osapoolte üheaegse füüsilise kohalolekuta. Infoühiskonna teenuseks ei ole ringhääling ringhäälinguseaduse (RT I 1994, 42, 680; 66, 1145; 1995, 83, 1437; 97, 1664; 1996, 49, 953; 1997, 29, 448; 52, 834; 93, 1564; 1998, 2, 42 ja 44; 1999, 16, 268; 25, 364; 59, 613; 2000, 25, 143; 35, 220; 102, 666; 2001, 53, 310; 2002, 3, 5; 21, 117) tähenduses.

(7) Infoühiskonna teenus on täielikult ülekantud, edastatud ja vastu võetud kaabli, raadio, optiliste või muude elektromagnetiliste vahendite abil. Infoühiskonna teenusele kehtestatavas nõudes sätestatakse üldised kohustused teenuse osutajale ja kasutajale, teenusele ning selle osutamisele ja kasutamisele.

(8) Toode käesoleva seaduse tähenduses on valmistatud või valmistatav asi või selle osa, kaasa arvatud ehitis, tööstuslikult valmistatud toode ning põllumajanduses ja kalanduses toodetud saadus.

(9) Teenus käesoleva seaduse tähenduses on osutatud või osutatav töö, mille tulemusena valmistatakse uus asi või hooldatakse või muudetakse olemasolevat asja või selle omadusi või toimub asja valdusesse andmine või võtmine.

§ 3. Tehniline kirjeldus

(1) Tehniline kirjeldus hõlmab muuhulgas:
1) kvaliteeti, toimivust ja ohutust;
2) nõuetele vastavuse hindamise ja tõendamise protseduure;
3) katseid ja katsemeetodeid;
4) pakendamist, märgistamist ja etikettimist;
5) sümboleid ja terminoloogiat;
6) nime, mille all toodet müüakse või teenust osutatakse;
7) klassifitseerimist;
8) projekteerimist, kavandamist, valmistamist, tootmist, osutamist, kasutamist, tehnilist ümberseadistamist, hooldamist, hoidmist ja säilitamist;
9) vedu;
10) koostist, mõõtmeid ja muid tehnilisi näitajaid.

(2) Tehnilise kirjelduse võib esitada tehnilises normis, standardis või muus dokumendis.»;

4) paragrahvi 4 lõiked 1–4 muudetakse ja sõnastatakse järgmiselt:

« (1) Tehnilist normi sisaldava õigusakti ettevalmistamisel lähtutakse rahvusvaheliste või Euroopa standardiorganisatsioonide vastuvõetud standardites või nende lõplikes kavandites määratletud tehnilistest kirjeldustest viimaste olemasolu korral, välja arvatud välislepingutes sätestatud juhtudel.

(2) Tehnilist normi sisaldava õigusaktiga kehtestatakse ühesugused nõuded nii Eestis toodetavatele kui ka imporditavatele toodetele.

(3) Tehnilist normi sisaldava õigusaktiga kehtestatakse ühesugused nõuded nii Eestis osutatavatele kui ka imporditavatele teenustele.

(4) Tehnilist normi sisaldava õigusaktiga võib kaubandustegevust piirata ainult juhul ja ulatuses, kui see on õigustatud kõlbluse, avaliku korra või riigi julgeoleku seisukohalt, inimeste, loomade või taimede elu või tervise, tarbija või keskkonna kaitseks, kunstilise, ajaloolise või arheoloogilise väärtusega rahvusliku rikkuse või tööstus- või kaubandusomandi kaitseks.»;

5) paragrahvi 5 lõige 5 muudetakse ja sõnastatakse järgmiselt:

« (5) Eesti standardi tähtlühend on EVS.»;

6) paragrahvid 6–8 muudetakse ja sõnastatakse järgmiselt:

« § 6. Harmoneeritud standard

(1) Harmoneeritud standard on Euroopa Komisjoni mandaadi alusel Euroopa standardiorganisatsiooni poolt koostatud ja vastu võetud standard.

(2) Kui harmoneeritud standardi kohta on avaldatud teade (viide) Euroopa Liidu Ametlikus Teatajas ja see on vastu võetud vähemasti ühe Euroopa Liidu liikmesriigi rahvusliku standardina, võib sellist standardit järgiva toote või teenuse lugeda vastavaks asjakohasele tehnilisele normile.

(3) Kui käesoleva paragrahvi lõikes 2 nimetatud harmoneeritud standardi kohta avaldatud teade (viide) Euroopa Liidu Ametlikus Teatajas on tunnistatud kehtetuks, siis sellise standardi järgimisel ei loeta toodet või teenust vastavaks asjakohasele tehnilisele normile.

§ 7. Standardi järgimise kohustuslikkus

(1) Tehnilises normis võib viidata standardile, selle osale või ühe standardiorganisatsiooni vastuvõetud standarditele. Viide standardile, sealhulgas selle osale, peab sisaldama viidatava standardi tähist.

(2) Viide standardile sätestatakse kohustusliku või soovituslikuna. Harmoneeritud standardit ei saa kohustuslikuna sätestada. Ühe standardiorganisatsiooni vastuvõetud standardite soovituslikuna sätestamise korral ei pea viide standarditele sisaldama viidatavate standardite tähist.

(3) Tehnilises normis standardi kohustuslikuna sätestamise korral peab selline standard olema tervikuna eesti keeles avaldatud Eesti standard.

(4) Kui tehnilises normis on viidatud standardile, mida ei ole eesti keeles avaldatud, tuleb tehnilises normis märkida, milline ametiasutus annab standardi kohta teavet eesti keeles.

§ 8. Teavitamine

(1) Teavitada tuleb ettevalmistatavatest ja vastuvõetud tehnilist normi või infoühiskonna teenusele kehtestatavaid nõudeid sisaldavatest või sanitaar- ja fütosanitaarmeetmeid käsitlevatest õigusaktidest ja välislepingutest, välja arvatud käesoleva paragrahvi lõikes 2 nimetatud juhtudel.

(2) Teavitada ei tule:
1) nõuetest, mis puudutavad infoühiskonna teenuseid kaudselt;
2) telekommunikatsiooniteenustele esitatavatest nõuetest, mis on reguleeritud Euroopa Liidu vastavate õigusaktidega;
3) finantsteenustele esitatavatest nõuetest, mis on reguleeritud Euroopa Liidu vastavate õigusaktidega;
4) nõuetest, mis on kehtestatud väärtpaberibörsile või nõuetest, mis on kehtestatud väärtpaberibörsi poolt;
5) nõuetest, mis on kehtestatud reguleeritud väärtpaberiturule väärtpaberituru seaduse (RT I 2001, 89, 532; 2002, 23, 131) tähenduses või nõuetest, mis on kehtestatud reguleeritud väärtpaberituru poolt;
6) nõuetest, mis on kehtestatud väärtpaberiarveldussüsteemile või nõuetest, mis on kehtestatud väärtpaberiarveldussüsteemi poolt;
7) eelnõudest, mis on kooskõlas Euroopa Liidu õigusaktidega või rahvusvahelistest lepingutest tulenevate kohustustega.

(3) Tehnilist normi, infoühiskonna teenusele kehtestatavaid nõudeid või sanitaar- ja fütosanitaarmeedet sisaldava õigusakti või välislepingu ettevalmistaja on kohustatud selle esitama teavitamist koordineerivale asutusele.

(4) Tehnilist normi või infoühiskonna teenusele kehtestatavaid nõudeid sisaldava õigusakti ja välislepingu eelnõust teavitamise korra kehtestab ja teabevahetust koordineeriva asutuse määrab Vabariigi Valitsus.

(5) Sanitaar- ja fütosanitaarmeedet sisaldava õigusakti ja välislepingu eelnõust teavitamise korra kehtestab ja teabevahetust koordineeriva asutuse määrab Vabariigi Valitsus.

(6) Standardiga seonduva teabevahetuse koordineerimine sätestatakse Vabariigi Valitsuse ja Eesti standardiorganisatsiooni vahelises halduslepingus.»;

7) paragrahvi 9 lõike 2 punkt 4 muudetakse ja sõnastatakse järgmiselt:

« 4) avaldama Eesti standardiorganisatsiooni veebilehel teavet ettevalmistatavate ja vastuvõetud standardite, standardimisprogrammide ning standardimiskava kohta, kusjuures eraldiseisvalt avaldatakse nii veebilehel kui ka Eesti standardiorganisatsiooni väljaandes teave harmoneeritud standardite kohta, mille kohta on avaldatud teade (viide) Euroopa Liidu Ametlikus Teatajas, ja harmoneeritud standardite kohta, mis on üle võetud Eesti standarditeks;»;

8) paragrahvi 9 lõiget 2 täiendatakse punktiga 5 ja sõnastatakse järgmiselt:

« 4) avaldama Eesti standardiorganisatsiooni veebilehel teavet ettevalmistatavate ja vastuvõetud standardite, standardimisprogrammide ning standardimiskava kohta, kusjuures eraldiseisvalt avaldatakse nii veebilehel kui ka Eesti standardiorganisatsiooni väljaandes teave harmoneeritud standardite kohta, mille kohta on avaldatud teade (viide) Euroopa Liidu Ametlikus Teatajas, ja harmoneeritud standardite kohta, mis on üle võetud Eesti standarditeks;»;

8) paragrahvi 9 lõiget 2 täiendatakse punktiga 5 ja sõnastatakse järgmiselt:

« 5) teavitama välisriike, riikide ühendusi ja rahvusvahelisi standardiorganisatsioone ettevalmistatavatest ja vastuvõetud standarditest ning standardimisprogrammidest vastavalt kehtivatele õigusaktidele.»;

9) paragrahvi 9 lõikes 5 asendatakse sõna «deping» sõnaga «haldusleping» vastavas käändes;

10) paragrahvi 9^1 lõige 1 muudetakse ja sõnastatakse järgmiselt:

« (1) Vabariigi Valitsus moodustab standardimiskomisjoni (edaspidi *komisjon*), kelle ülesanded on:
1) majandusministrile ettepanekute esitamine käesoleva seaduse § 9 lõikes 5 nimetatud halduslepingusse puutuvalt;
2) standardimiskava koostamine ja majandusministrile kinnitamiseks esitamine;
3) muude ülesannete täitmine, kui need tulenevad käesoleva lõike punktides 1 ja 2 loetletud ülesannetest.»;

11) paragrahvi 9^2 tekst muudetakse ja sõnastatakse järgmiselt:

« (1) Standardimiskava on dokument, millesse koondatakse standardite loend, mille koostamist või Eesti standardiks ülevõtmist peavad valitsusasutused oluliseks. Standardimiskava koostamisel lähtutakse õigusaktidest, Eesti standardiorganisatsiooni ja Vabariigi Valitsuse vahel sõlmitud halduslepingust ning Vabariigi Valitsuse ja valitsusasutuste tööplaanidest.

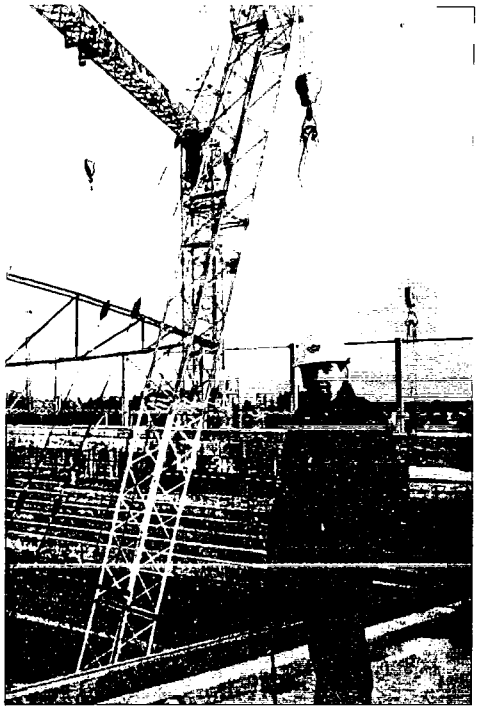
(2) Standardimiskava koostatakse kaks korda aastas.

(3) Standardimiskava kinnitab majandusminister iga aasta 1. märtsiks ja 1. septembriks.»;

12) paragrahvi 10 lõiget 4 täiendatakse pärast sõna «samuti» sõnadega «veebilehe ning»;

13) paragrahvi 13 senine tekst loetakse lõikeks 1 ning paragrahvi täiendatakse lõikega 2 järgmises sõnastuses:

« (2) Käesoleva seaduse § 8 lõigetes 1–4 sätestatud kohustus teavitada infoühiskonna teenusele kehtestatavatest nõuetest jõustub alates Eesti ühinemisest Euroopa Liiduga.»



REGISTREERITI EHITUSKONSTRUKTSIOONIDE PROJEKTEERIMISE TEHNILINE KOMITEE

12. aprillil registreeriti ehituskonstruktsioonide projekteerimise standardimise tehniline komitee, mis sai järjekorranumbriks 13.
Komitee käsitleb ehituskonstruktsioonide koormuste ja (valdavalt) kandekonstruktsioonide projekteerimise standardimisala, millega Euroopa tasemel tegeleb CEN/TC 250.

Komitee asutajaliikmeteks on Eesti Ehitusettevõtjate Liit, Eesti Ehitusinseneride Liit, Eesti Ehitusmaterjalide Tootjate Liit, Eesti Projektbüroode Liit, Majandusministeeriumi ehitus- ja elamuosakond, TTÜ ehitiste projekteerimise instituut, OÜ Estkonsult, AS Eesti Projekt ja AS ETP Grupp terminaalide osakond.
Praegusel hetkel on käsil Euroopa standardite EN 1990 *Projekteerimise alused* ja EN 1991-1 *Üldised mõjurid – tihedus, omakaal, hoonete kasuskoormus* eestindamine ja rahvuslike lisade koostamine. Selleks on moodustatud vastav töörühm.
Komitee juurde on loomisel terminoloogiakomisjon, mille ülesandeks saab olema ehitusalase oskussõnavara täpsustamine ja ühtlustamine ning vajadusel ka uute terminite loomine.
Komitee registreeriti EVS Nõukoja 10. aprilli 2002 otsuse nr 2002/1 alusel EVS tegevdirektori 12. aprilli 2002 käskkirjagá nr 33.
Loodame, et seekord osutub komitee 13. järjekorranumber tegutsemisaktiivsuse ja tulemuslikkuse koha pealt õnnenumbriks!

Kalju Loorits
EVS/TK 13 esimees

EHITISTE SOOJUSLIKU TOIMIVUSE TEHNILINE KOMITEE

Kuigi soojustusmaterjalide standarditega tegelemise üle on Eesti Ehitusmaterjalide Tootjate Liidus diskuteeritud juba üle kahe aasta, tekkis konkreetne idee tehnilise komitee moodustamiseks alles eelmise (2001) aasta suvel seoses Eesti projekteerimisnormide standarditeks muutmise temaatikaga.
Nimelt koostati eelmisel aastal uut varianti normist EPN 12.1 "Hoone piirdetarindi soojuspidavuse arvutusjuhis" ja et see dokument sobiks meie dokumentatsiooni põhimõtetega, otsustati vastavad nõuded koostada standardina.
Ehitiste soojusliku toimivuse standardimise tehnilise komitee asutamiskoosolek toimus 20. detsembril 2001. a.

Koosolek võttis vastu otsuse tegeleda mitte ainult soojustusmaterjalidega, vaid ka ehitiste soojusliku käitumise kajastamisega läbi standardite ehk siis kahe Euroopa standardiorganisatsiooni CEN komitee tegevusalaga:
CEN/TC 88 *Thermal insulating materials and products* (soojusisolatsioonitooted);
CEN/TC 89 *Thermal performance of buildings and building components* (hoonete soojuslik käitumine).
TC 88 all tegutseb tervelt 18 töögruppi (soojustusmaterjalide üldised katsemeetodid, terminoloogia, ehitusplatsil valmistatud tooted, tehase tootmisohje ning erinevate soojustustoodete käsitlemine – mineraalvillad, vahtpolüstürool, erinevad vahtplastid jne);
TC 89 all omakorda 10 töörühma (soojusjuhtivus, külmasillad, soojustakistuse arvutamine, soojusülekanne maapinna kaudu, akende ja uste soojuslikud omadused, kliimatingimused, niiskus jne).
Komitee asutajateks on Aeroc OÜ (esindaja Margus Vähi), AS Optiroc (Morten Killak), AS Paroc (Kalev Kõnn), Pipelife Eesti AS (Kaul Augasmägi), Reideni Plaat AS (Arvi Siim), Saint-Gobain Isover Eesti AS (Urve Palo), Majandusministeerium (Janne Kurg), Eesti Ehitusettevõtjate Liit (Ilmar Link), Eesti Ehitusinseneride Liit (Kaido Hääl), Eesti Kütte- ja Ventilatsiooniinseneride Ühendus (Kalle Aamisepp) ja Eesti Ehitusmaterjalide Tootjate Liit (Enno Rebane).
Tehnilise komitee esimeheks valiti Kaido Hääl, aseesimeheks Margus Vähi ja tehniliseks sekretäriks Enno Rebane.
Töökoosolekutel on oluliseks peetud tegelemist terminoloogiaga, soojuserijuhtivuse laboratoorse määramisega (milline on Eestis vastavate laborite olukord ja kuivõrd vastavad sealsed katsemetoodikad Euroopa omadele), hoone tarindite soojusjuhtivuse arvutamisega (EPN 12.1-ga tegelemine) ning ehitiste energiakuluga (konkreetse Euroopa standardi EN 832 ülevõtt).
Soojustusmaterjalide kohta on Euroopas heaks kiidetud juba terve rida harmoneeritud standardeid. Nendest kolme tõlkimist peame oluliseks ja soovime seda teha juba sellel aastal (CE-märgistamise võimalus tekkis 01.03.2002 ja Euroopa ning kohalike standardite kooseksisteerimise periood lõpeb 01.03.2003):

EN 13162 *Thermal insulation products for buildings – Factory made mineral wool (MW) products – Specification*;
EN 13163 *Thermal insulation products for buildings – Factory made products of expanded polysterene (EPS) – Specification*;
EN 13164 *Thermal insulation products for buildings – Factory made products of extruded polysterene foam (XPS) – Specification.*
Uus tehniline komitee kannab numbrit 14 (EVS/TK 14) ning on registreeritud EVS Nõukoja 10. aprilli 2002 otsuse nr 2002/2 alusel Eesti Standardikeskuse 12. aprilli 2002 käskkirjaga nr 34.

Ootame kõigi arvamusi nii tehnilise komitee käsitlusala kui standardimiskava kohta. EVS/TK 14 on registreeritud Eesti Ehitusmaterjalide Tootjate Liidu kaudu (Kiriku 6, 10130 Tallinn; tel (0) 620 1918, faks (0) 648 9062; eetl@hot.ee).

Enno Rebane
EVS/TK 14 tehniline sekretär

APRILLIKUU STANDARDID

EVS-EN 196-1:1997 Tsemendi katsetamine. Osa 1: Tugevuse määramine. Muudatus 1: 2002
Eesti standardi EVS-EN 196-1:1997 "Tsemendi katsetamine. Osa 1: Tugevuse määramine" muudatuse 1 koostas Tallinna Tehnikaülikooli ehitustootluse instituut. Muudatus on läbi arutatud ja heaks kiidetud standardimise tehnilises komitees EVS/TK 2. Muudatuse sisseviimise tingis standardi EVS 636:1993 uustöötlus, millega muudeti põletatud põlevkivile esitatavaid tehnilisi nõudeid - alandati peenuse piirnõuet ja suurendati vaba kaltsiumoksiidi sisalduse piirnõuet.
Muudatused olid vajalikud B-grupi portland-põlevkivitsemendi, mille kloriidisisaldus vastaks EN 197-1:2000 nõuetele, tootmisvõimaluste säilitamiseks. Seejuures tagatakse põletatud põlevkivi 28-päevase survetugevuse vastavus EN 197-1:2000 nõuetele.

EVS 636:2002 Põletatud põlevkivi portland-põlevkivitsemendi, portland-komposiit-tsemendi ja müüritsemendi tootmiseks
Standard kehtib elektrijaamades Eesti kukersiit-põlevkivi tolmpõletamisel kuni 1400 °C juures tekkiva materjali - põletatud põlevkivi kohta, mis sobib kasutamiseks portland-põlevkivi-tsemendi, portland-komposiittsemendi ja müüritsemendi, samuti eritsementide - redutseeritud kahanemise ja kõrgendatud püsivusega tsementide tootmiseks, aga ka lisandina betoonides ning pinnaste stabiliseerimiseks.
Standard on EVS 636:1993 uustöötlus.

EVS-EN 197-1:2002 Tsement. Osa 1: Harilike tsementide koostis, spetsifikat-sioonid ja vastavuskriteeriumid
EN 197-1 määrab kindlaks 27 erineva hariliku tsemendi tüüpi ning nende koostisosad. Iga tsementitüüp defineeritakse tema koostisosade omaduste ning nende sisalduse kaudu, mille tulemusena jagunevad tsemendid kuude erinevasse tugevusklassi. Standard määrab kindlaks koostisosadele esitatavad nõuded ja nimetatud tsementitüüpidele ning tugevus-klassidele esitatavad mehaaniliste, füüsikaliste ja keemiliste omaduste nõuded. EN 197-1 formuleerib nendele nõuetele vastavuse hindamise reeglid. Samuti esitatakse vajalikud püsivusnõuded.
EN 197-1 on koostatud Euroopa Komisjoni mandaadi alusel vastavalt ehitustoodete direktiivi nõuetele. Seega on see harmoneeritud standard ja selle järgi toodetud ja turustatud tsement peab olema CE märgistusega.

EVS-EN 197-2:2002 Tsement. Osa 2: Vastavushindamine
Standard EN 197-2 määrab kindlaks skeemi tsementide tootestandardi nõuetele vastavuse hindamiseks ning käsitleb vastavussertifikaadi väljastamist kolmanda osapoole poolt. Standard annab tehnilised reeglid tootjapoolseks tehase tootmiskontrolliks, hõlmates proovide sisekontrollkatsetamist ja kolmanda osapoole kohustusi. Ühtlasi annab standard reeglid, kuidas toimida mittevastavuse puhul, määrab protseduuri vastavustõendamiseks ning esitab nõuded hulgiladudele. Käesolevas standardis

kasutatakse mõistet "tsement" nii standardis EN 197-1 määratletud harilike tsementide, kui ka teiste tsementide ja sideainete kohta, millele viidatakse standardi EN 197-2 tootestandardites ning mis on esitatud sertifitseerimiseks. Nimetatud tsemendid on toodetud teatud tehases ning on klassifitseeritud kindla tüübi ja tugevusklassi järgi vastavalt asjakohase tootestandardi määratlusele.

EVS-EN 228:2002 Autokütused. Pliivaba bensiin. Nõuded ja katsemeetodid

Käesolev Eesti standard on Euroopa standardi EN 228:1999 "*Automotive fuels – Unleaded petrol – Requirements and test methods*" ingliskeelse teksti ekvivalentne tõlge eesti keelde. Asendab jõustumisteate meetodil üle võetud Eesti standardi EVS-EN 228:2000.

Standard sätestab turustatavale ja tarnitavale pliivabale bensiinile esitatavad nõuded ja katsemeetodid. Standard kehtib pliivaba bensiini kohta, mida kasutatakse pliivaba bensiini jaoks konstrueeritud mootoritega sõidukites.

Standardis järgneb Euroopa standardi tekstile Eesti standardi rahvuslik lisa, milles on ära toodud Eestis kehtivad proovivõtmise, tankurite märgistamise ja kütuse lenduvuse nõuded ning bensiinile esitatavad piirangud.

EVS-EN 590:2002 Autokütused. Diislikütus. Nõuded ja katsemeetodid

Käesolev Eesti standard on Euroopa standardi EN 590:1999 "*Automotive fuels – Diesel – Requirements and test methods*" ingliskeelse teksti ekvivalentne tõlge eesti keelde. Asendab jõustumisteate meetodil üle võetud Eesti standardi EVS-EN 590:2000.

Standard sätestab turustatavale ja tarnitavale autodiislikütusele esitatavad nõuded ja katsemeetodid. Standard kehtib kütuse kohta, mida kasutatakse autodiislikütuse jaoks konstrueeritud diiselmootoriga sõidukites.

Standardis järgneb Euroopa standardi tekstile Eesti standardi rahvuslik lisa, milles on ära toodud Eestis kehtivad proovivõtmise, tankurite märgistamise ja kliimatingimustest olenevatele omadustele esitatavad nõuded ning diislikütusele esitatavad piirangud.

METROLOOGIA

SEMINAR MÕÕDUNDUSE ARENDAMISEST EESTIS

16. aprillil toimus Majandusministeeriumi ruumes seminar riigietalonide arendamisest Eestis. Seminari korraldajaks oli Majandusministeerium ühiselt Hollandi kuningriigi rahvusliku metroloogiainstuudiga (NMi Van Swinden Laboratorium B. V.). Hollandi NMi on Majandusministeeriumi koostööpartner mõõdunduse alase institutsionaalse ülesehituse strateegilise arengukava väljatöötamisel PHARE projekti ES 9903.01 raames.

Seminari põhiteemaks oli mõõtmiste etalonbaasi arendamise tarviduse tutvustamine seoses Eesti ühinemisega Euroopa Liiduga. Sihtgrupiks oli valitud akrediteeritud laborid, kellel on oluline osa mõõtmiste usaldusväärsuse tagamisel Eestis. Seminarist osavõtt oli arvukas, laborite esindajaid kogunes üle viiekümne.

Enne seminari toimumist levitati osalevate laborite hulgas seminari teemaga seonduvat küsimustikku, kus paluti laboritel avaldada oma arvamusi ja seisukohti riigietalonide vajaduste ja arendamise kohta Eestis.

Päeva avas Majandusministeeriumi asekantsler Signe Ratso, kes tutvustas seminari eesmärki ja tänas kohalviibijaid rohke huvi eest ettevõtmise vastu. Järgnesid põhiettekanded viie erineva asutuse/organisatsiooni esindajalt, millest neli käsitlesid mõõteteenistuse üleshituse ja toimimise hetkeolukorda Eestis. Esindatud olid Eesti Akrediteerimiskeskus (Viktor Krutob) ja Majandusministeeriumi Tööstusosakond (Merike Kompus).

Suurt elevust ja tähelepanu äratas Cock Oostermani (NMi) ettekanne Euroopa Liidu liikmesmaades viljeldavast praktikast kvaliteedi infrastruktuuri jätkusuutliku toimise tagamisel. Ta kirjeldas elavalt Euroopa "kvaliteedimaja" ja metroloogia vajalikkust selles, riigietalonide osa metroloogiaalase tegevuse kindlustamisel riigis ning nõudeid liikmesriikide mõõteteenistuste ülesehitamisel. Oma ettekande lõpetas hr Oosterman arvamusega, et eesti mõõteteenistuse ülesehitusel on palju veel teha. Samas avaldas ta lootust, et akrediteeritud laborid annavad oma osa parendamise

protsessis, näidates ära praeguse mõõteteenistuse head küljed ja puudused.
Ettekannetele järgnesid paneeldiskussionid arenduse vajalikkusest keemia valdkonnas ning füüsikaliste suuruste mõõtmiste alal. Diskussioone juhtis keemia alal Ivo Leito Tartu Ülikoolist ning füüsika alal Toomas Kübarsepp AS Metrosert.
Keemiliste mõõtmiste alal vallandas elava arutelu vajadus nn ühtse keemiakeskuse järele, mis koordineeriks koolituse, võrdluskatsete ning referentsainete vahendamise/ valmistamise korraldamist Eestis. Füüsikaliste suuruste mõõtmisega tegelevate laborite esindajad ilmutasid huvi rahvusvahelise koostöö edendamise ning riigietalonide süsteemi praktilise üleshituse teostamise vastu. Mõlema grupi ühtne seisukoht oli, et Eesti mõõteteenistus peab olema rohkem rahvusvaheliselt avatud ning integreeritud, et soodustada oskusteabe kasutamist majanduslikus arengus.
Seminarist osavõtjad hindasid ettekannete ja arutluste sisu väga kasuliku olevat ning avaldasid küsitluslehtedel lootust, et taolised üritused jätkuvad ka lähitulevikus, milles nad meeleldi osalevad.

Päeva lõpetas Majandusministeeriumipoolne projektijuht Anu Ideon, kes korraldajate poolelt tänas osavõtjaid ning esinejaid aktiivsuse eest kogu pika seminaripäeva jooksul

Toomas Kübarsepp (AS Metrosert)
Ivo Leito (Tartu Ülikool)

VASTAVUSHINDAMINE

AKREDITEERIMISE JA VASTAVUSHINDAMISE ALANE SEMINAR

3. aprillil toimus Majandusministeeriumis Phare projekti ES9903.01 raames akrediteerimise ja vastavushindamise alane seminar, mille eesmärgiks oli teadvustada rahvusvaheliselt ühtlustatud vastavushindamise süsteemi tähtsust ning tutvustada Euroopa Liidu vastavushindamissüsteemi toimimise põhimõtteid.
Seminaril oli 25 osavõtjat, sihtgrupiks ministeeriumid ja ametkonnad, kes on seotud oma valdkonnas vastavushindamise alase õigusloomega.
Seminari korraldasid ühiselt Majandusministeeriumi tööstusosakond ja eelpoolnimetatud projekti teostaja SWEDAC (Rootsi Akrediteerimiskeskus).
Seminari avas Majandusministeeriumi asekantsler Signe Ratso, kes tutvustas laiemalt nii projekti kui ka seminari eesmärke.
SWEDAC'i peadirektor Lars Ettarp tutvustas vastavushindamise üldiseid põhimõtteid, vastavushindamisega seonduvaid Euroopa Liidu lepinguid ja organisatsioone (WTO TBT, MRA, IAF, ILAC, EA, PECA) vastavushindamise erisusi vabatahtlikes ja kohustuslikes sektorites, harmoneeritud ja harmoneerimata sektorites, seoseid akrediteerimisega.

Anu Ideon
Majandusministeeriumi projektijuht

SWEDAC'I nõuniku Sven Nyströmi ettekanne käsitles mitmesuguseid volitatud asutustega seonduvaid teemasid: volitatud asutustele esitatavaid nõudeid, järelevalve teostamist volitatud asutuste üle, teavitamisprotseduuri korda.
Tutvustamist leidsid Euroopa vastavushindamisorganisatsioonid nagu EUROLAB (Euroopa laborite liit) , EOTC (Euroopa katsetamise ja sertifitseerimise organisatsioon).
Lühidalt käsitleti vastavushindamise alast Euroopa Liidu seadusandlust, mille moodustavad eelkõige üldise tooteohutuse ja tootja vastutuse alased õigusaktid.
Eriti huvipakkuvaks ja informatiivseks kujunes ülevaade Rootsi mudelist Üldise lähenemisviisi *(Global Approach)* rakendamisel.
Majandusministeeriumi tööstusosakonna juhataja Merike Kompus andis ülevaate Eesti vastavushindamise alasest seadusandlusest ja võimalikest edasistest arengutest.
Seminari lõpus järgnesid osavõtjate poolsed küsimused ja arutelu. Seminari õnnestumisele aitasid kaasa ka lektorite poolt ette valmistatud põhjalikud ettekannete jaotusmaterjalid, samuti mitmesugused lisamaterjalid.

Vastavushindamise maine vajab parandamist

Rahvusvaheline Vastavushindamiskomitee ISO/CASCO koos Rahvusvaheliste akrediteerimisalaste koostööorganitega IAF (sertifitseerimisorganid) ja ILAC (laborid) moodustasid 2001. a ühendatud töörühma, et kindlaks teha mainet rikkuvaid juhtumeid vastavushindamistööstuses.
Töörühm tuvastas järgmised olemasolevad probleemid:

- Ebaeetiline ja illegaalne praktika, kus vastavushindamisorganid võltsivad sertifikaate ja katsearuandeid.
- Halb praktika, mis ei ole tingimata illegaalne, kuid kus vastavushindamisorganid pakuvad alandatud hinnaga ja standardile mittevastavat sertifitseerimist ja inspekteerimist ning samaaegselt nii konsultatsiooni kui ka sertifitseerimist.
- Eksitav reklaam, kus vastavushindamise resultaate s.h ka vastavushindamise märgistust kasutatakse valesti. Nt ISO 9000 ja ISO 14000 järgi kvaliteedi- ja keskkonnajuhtimissüsteemide sertifitseerimist reklaamitakse kui toote sertifikaati. Või reklaamitakse saadut kui "ISO sertifikaati", mis pole samuti õige, sest ISO ei ole sertifitseerimisorgan ja ei väljasta sertifikaate.

Sel teemal rääkis ka ühes oma viimaseks jäänud kõnedest, CASCO koosoleku avakõnes, ISO peasekretär Dr Lawrence D. Eicher, kes juhtis tähelepanu vajadusele parandada nii sertifitseerimis- kui ka akrediteerimisorganite tööd vältimaks operaatorite ebaausust ja väärkäitumist.
Hr Eicheri sõnavõtt ärgitas sel teemal elava mõttevahetuse.
ISO Management Systems Vol. 2, No. 2 2002 refereerib neist mõningaid arvamusi.
Arvamustega saab tutvuda aadressil www.bin.co.uk
Mitmes kommentaaris mainitakse, et kvaliteedijuhtimissüsteemi sertifikaati taotletakse sageli valel põhjusel. Seda ei tehta süsteemi parendamise eesmärgil. Enamlevinud põhjus on potentsiaalse kliendi poolt esitatud sertifikaadi olemasolu bürokraatlik nõue. Kuidas sertifikaat on saadud, see ei huvita enam kedagi.
Ühe põhjusena on nimetatud, et ambitsioonikas firma ei saa enam läbi ilma ISO 9000 sertifikaadita.
Firmad saavad sertifitseerimisest aga sageli aru kui ühest maksu liigist. Kas parendada oma tegevust või maksta maksu, et saaks äri teha?
Sageli püütakse audiitorile tõendada standardi punktide täpset täitmist selle asemel, et kontsentreeruda kvaliteedijuhtimissüsteemi parendamisele ja kliendi nõuete ja ootuste rahuldamisele.
On avaldatud arvamust, et ISO 9000 programm on seatud hädaohtu, sest mitmetes riikides on liiga vähe austust süsteemi vastu, kvaliteedijuhtimissüsteemi sertifikaat on vaid paberitükk seinal.

Palju on kommenteeritud ka sertifitseerimisorganite tegevust.
Kolmanda osapoole lähenemisviisil on fataalne nõrkus - sertifitseerimisorganil on otsene ärihuvi. (sissetulek ja prestiiž) rahuldada kõigi vajadusi. Mida suuremat hulka kliente rahuldada suudetakse, seda suurem on nende sissetulek ja turuosa sertifitseerimises. Nende väärkäitumine on tihti tingitud järeleandmisest turu nõuetele. See on võimalus kergelt saada lühikese ajaga palju raha.
Mitmete riikide akrediteerimisorganid lasevad teha sertifitseerimisorganitel, mida need tahavad teha ning järelevalve nende tegevuse üle on liiga vähene, arvab üks endine audiitor.
Nimetatud on ka assessorite ebakompetentsust. Halvim seejuures on, et mõned assessorid ei vaata kunagi ei firma poliitika ega strateegia rakendamist.
Kommentaarides on tehtud ka väga drastilisi ettepanekuid nagu näiteks "Et lõpetada probleemid, tuleb lõpetada ISO 9000. Kasu organisatsioonidele pole sellest niikuinii, nende jaoks on see lihtne otsus. Ei saa aga eeldada, et selle vaatepunkti võtaksid omaks need, kes sellega elatist, ja mitte väikest, teenivad."
Õnneks jäävad sellised arvamused hüüdjaks hääleks kõrbes.
Valdav enamus kommentaatoritest usub kvaliteedijuhtimissüsteemide rakendamise tulevikku.

Refereeritud artikleid "*ISO Management Systems Vol.2, Nr 2- March-April 2002*"

KVALITEET

ISO 9000 nõuded autotööstusele
ISO ja rahvusvahelise autotööstuse eduka koostöö tulemusena on valminud uus väljaanne ISO/TS 16949:2002 *Quality management systems - Particular requirements for the application of ISO 9001:2000 for automotive production relevant service part organizations*, mis spetsifitseerib kvaliteedisüsteemi nõuded autotööstuse tarnijatele.
Oodatakse, et uuest tehnilisest spetsifikatsioonist saab ühine ja ühtne alus kogu maailma autotööstuse kvaliteedijuhtimissüsteemide nõuetele ning mis asendab seni selles sektoris kasutatavad rahvuslikud spetsifikatsioonid (nt QS 9000, AVSQ, VDA6.1 ja EAQF).
ISO/TS 16949-l on suur potentsiaal, sest praegu on vastavalt rahvuslikele spetsifikatsioonidele sertifitseeritud üle 30 000 firma.

CEN UUDISED

Keymark - sertifitseerimine Euroopas
Märtsis 2002 kinnitas CEN Sertifitseerimisnõukogu esimese sertifitseerimisorgani, kellel on õigus tootele peale panna Euroopa standarditele vastavuse märki - Keymark.
Nn võtmemärgistusega ehituse soojusisolatsioonitooted võivad olla turul juba siis, kui need read teieni jõuavad.

Keymark'i rakendamisega tehti algust juba 15 aastat tagasi (algul CENCER märgi nime all). Esimestest katsetest ei tulnud suurt midagi välja. Ainukesena kasutab edukalt CENCER märki radiaatoriventiilide tootja.
Alates 2001. a algusest otsustas CEN teha märgi kasutamise atraktiivsemaks laiemale publikule. Teema võeti uuesti päevakorda ja seekord juba oodatakse märgi laialdast kasutamist kogu Euroopas. Oktoobris 2001 avaldati märgi kasutamise uued reeglid ja juba poole aasta pärast on ka esimene paigaldatud märk tulekul.

Oluline vahe märgi eelmise ja uue kasutamise vahel on see, et võtmemärki kasutatakse alati koos rahvusliku vastavusmärgiga. See on nn kolmanda osapoole sertifitseerimismärk, mis kuulub CEN/CLC-le ja näitab tarbijaile toote vastavust kõigile toote kohta käivate Euroopa standardite nõuetele.
Üldiselt ei ole võtmemärgi kasutamine kohustuslik, vastupidi CE märgistusele.
CEN/CLC tähtsustab võtmemärgi sisseviimist olulise panusena tehniliste kaubandustõketeta üha enam avatuma ühtse Euroopa siseturu arengusse.

Uus kondoomistandard
Viini lepingu alusel vaadati ümber Euroopa kondoomistandard EN 600:1996 ja asendati see standardiga EN ISO 4074:2002 *Natural latex rubber condoms - Requirements and test methods.*
EN 600 ja EN ISO 4074:2002 vahel on mõned tehnilised erinevused, mis tähendab, et tootjatele on vajalik üleminekuperiood et kohandada oma protsessid uutele nõuetele.
CEN/TC 205 Mitteaktiivsed meditsiiniseadmed ettepanek oli kehtestada 1-5 aastane üleminekuperiood. Tavaliselt on ühelt standardilt teisele üleminekuperioodi pikkuseks meditsiiniseadmete osas olnud kolm aastat. CEN Tervishoiu foorum otsustas kondoomistandardi üleminekuperioodi pikkuseks jätta kolm aastat, seega on uuele standardile ülemineku lõpp määratud hiljemalt augustiks 2005.

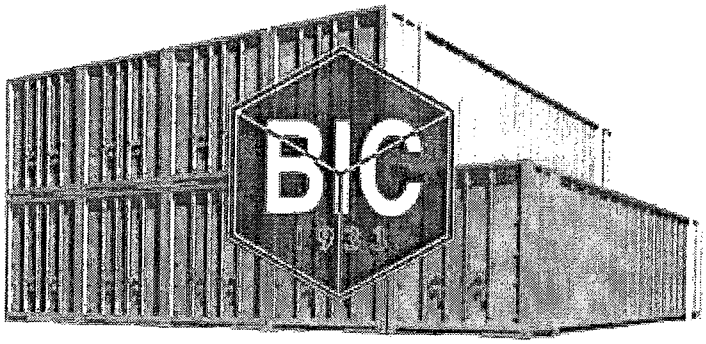
Loodi matuseteenuste standardimise töörühm
12. märtsil 2002 toimus DIN-i eestvõttel CEN Tehnikanõukogu töörühma Matuseteenused asutamiskoosolek. Koosolekul täpsustati tulevase komitee käsitlusala ja tööprogrammi. Kavas on

koostada matuseteenustele esitatavate nõuete standard, mis peaks sisaldama. Ka tervisekaitse ja ohutuse nõuded ei ole praegu kaetud standarditega.

CEN *Workshop* Kaitsehangete standardimine - Euroopa käsiraamat

8. novembri 2000 Euroopa Komisjoni korraldatud kaitsehangete temaatilise konverentsi jätkuna ja edasiarendusena on loodud CEN *Workshop*, mille avakoosolek toimub 30. mail 2002 Pariisis. Workshopi sekretariaati hakkab pidama AFNOR. *Workshop* koostab Euroopa käsiraamatu, mille kasutamist ennustatakse nii EL riikide kui ka väljaspool EL riike asuvate hankeagentuuride poolt. Käsiraamat koondab endasse viited standarditele ja standardilaadsetele dokumentidele, mida kasutatakse hankelepingute sõlmimisel ning ka juhiseid standardite ja spetsifikatsioonide valikuks, et tagada kaitseseadmete tõhusus, mõjusus ja kokkusobivus.

ISO UUDISED



Kaubakonteinerite koodid nüüd üleval internetis

Bureau International des Containers et du Transport Intermodal (BIC) kaubakonteinerite koodide ISO volitatud registreerimisorgan avas veebilehe kõigi konteinerite koodidega parandamaks konteinereid tootva tööstuse teenindamist.

Konteinerite koodid, mis on tuntud kui BIC koodid on määratletud rahvusvahelises standardis ISO 6346 *Freight conteiners - Coding, identification and marking* ja on ette nähtud kasutamiseks rahvusvahelise transpordi ja tollideklaratsiooni dokumentides. BIC koodid on kasutusel enam kui 110 riigis üle 1200 operaatori poolt, kes esindavad 90 % kogu maailma konteinerite pargist.
Rohkem infot leiate veebilehelt aadressil www.bic-code.org

UUED TRÜKISED

UUS STANDARDIMISPROGRAMM

Müügil Standardikeskuses (35.-) ja tasuta saadaval EVS veebilehel.

Standardimisprogramm kajastab seisuga 1. aprill 2002 etappide kaupa töösolevaid Eesti standardeid, nii algupäraseid kui ka tõlkemeetodil ülevõetavaid. Standardimisprogramm sisaldab ka majandusministeeriumi juures töötava ministeeriume esindava Standardimiskomisjoni poolt standardimiskavasse esitatud ettepanekuid.

WTO SEKRETARIAADILT SAABUNUD TBT 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 6256 397, faks 6256 404, kkangro@mineco.ee
Eelnõude terviktekstid ja info EVS Teabekeskusest Signe Ruut tel 6519 212, faks 6519 213, enquiry@evs.ee

WTO SEKRETARIAADILT SAABUNUD TBT TEATISED

NUMBER & ESITAMIS-KUUPÄEV	RIIK	TOODE/KAUP/ TEENUS	EESMÄRK	KOMMEN-TAARIDE ESITAMISE VIIMANE KUUPÄEV
G/TBT/N/CAN/31 21. märts 2002	KANADA	(side)terminaliseadmed	võrgu kaitse	8. mai 2002
G/TBT/N/JPN/40 22. märts 2002	JAAPAN	kaabel TV edastusseadmed ja teenused	areng ja huvide kaitse	14. mai 2002
G/TBT/N/CHE/18 22. märts 2002	ŠVEITS	osooni kahandavad ained ja sünteetilised kasvuhoonegaasid (osaliselt ja täielikult halogeenitud süsivesinik ja eeter, SF6, NF3)	keskkonnakaitse, Montreali ja Kyoto protokollide täitmine	19. mai 2002
G/TBT/N/KOR/31 25. märts 2002	KOREA VABARIIK	ravimid	tervis	13. aprill 2002
G/TBT/N/JPN/41 25. märts 2002	JAAPAN	alkohoolsed joogid	tarbijakaitse	20. mai 2002
G/TBT/N/JPN/42 25. märts 2002	JAAPAN	külmutatud juurviljatoidud	tarbijakaitse	28. mai 2002
G/TBT/N/CHE/19 27. märts 2002	ŠVEITS	uued sõiduautod, klass M1, HS:8703	keskkonnakaitse	14. mai 2002
G/TBT/N/MEX/22 3. aprill 2002	MEHHIKO	mootoriõlid	ohutus	-
G/TBT/N/PHL/19 5. aprill 2002	FILIPIINID	plastifitseerimata polüvinüülkloriid	tarbijakaitse	30. mai 2002
G/TBT/N/NLD/42 5. aprill 2002	HOLLAND	*N-ethyl_isopropyl_5-methyl cyclohexane* närimiskummis, šokolaadis ja teistes jookides ja toitudes	kasutamise lubamine toodetes teatud tingimustel	12. juuni 2002
G/TBT/N/JPN/43 5. aprill 2002	JAAPAN	ravimid (HS:30)	kinnitamise ümberreguleerimine	31. mai 2002
G/TBT/N/CZE/37 5. aprill 2002	TŠEHHI	Informatsiooni korraldamine Direktiiv 98/48/EÜ	seadusandluse ühtlustamine EÜ omaga	31. mai 2002

G/TBT/N/ZAF/10 8. aprill 2002	LÕUNA-AAFRIKA	hingamisaparaadid (respiraatorid) ICS: 13.340.30; HS: 9020.00	ohutus ja nõuete ühtlustamine	1. mai 2002
G/TBT/N/CAN/32 9. aprill 2002	KANADA	Sõidukite heitmed ICS: 43.080.01, 43.100, 43.140, 13.040.50	keskkonnakaitse	29. mai 2002
G/TBT/N/NLD/43 10. aprill 2002	HOLLAND	kloorfloorsüsinikud, ained, mis kahandavad osoonikihti	keskkonnakaitse	29. mai 2002
G/TBT/N/KOR/32 10. aprill 2002	KOREA VABARIIK	ravimid	tervis	-
G/TBT/N/ESP/12 10. aprill 2002	HISPAANIA	elektriinduktsiooni arvesti	tehnilised nõuded	21. aprill 2002
G/TBT/N/KOR/33 11. aprill 2002	KOREA VABARIIK	ravimid	inimeste tervis	-
G/TBT/N/KOR/34 11. aprill 2002	KOREA VABARIIK	viinad, liköörid, vein, õlu jne.	märgistamine	31. mai 2002
G/TBT/N/BRA/30 11. aprill 2002	BRASIILIA	maanteesõidukid – maagaas	inimeste kaitse	17. aprill 2002
G/TBT/N/BRA/31 11. aprill 2002	BRASIILIA	ühekordselt kasutatavad gaasisüütajad	ohutusnõuded	26. märts 2002
G/TBT/N/BRA/32 11. aprill 2002	BRASIILIA	koolimööbel – komplekt õpilastele (tool + laud) ICS: 97.140	tarbijakaitse	31. märts 2002
G/TBT/N/ZAF/11 12. aprill 2002	LÕUNA-AAFRIKA	keskpinge elektrikaablite ohutus ICS: 29.060.20; 29.240.20; HS: 8544.60	ohutus	5. juuni 2002
G/TBT/N/SLV/ 7, 9 16. aprill 2002	EL SALVADOR	kohustuslikud standardid nafta ja naftatoodete hoiustamiseks	nõuded	30. aprill 2002
G/TBT/N/ARG/42 16. aprill 2002	ARGENTIINA	autoosade ohutus	sertifitseerimine	-
G/TBT/N/ARG/43 16. aprill 2002	ARGENTIINA	veinitooted	pakendamine ja märgistamine	-
G/TBT/N/ARG/44 16. aprill 2002	ARGENTIINA	kosmeetika	tervisekaitse	-
G/TBT/N/ARG/45 16. aprill 2002	ARGENTIINA	meditsiinipreparaadid	tervisekaitse	-
G/TBT/N/CZE/38 17. aprill 2002	TŠEHHI	mõõtevahendid	muudatused seaduses	31. mai 2002
G/TBT/N/THA/77 18. aprill 2002	TAI	toiduainetööstuse protsessid HS: 84.38; ICS: 67.020	tarbijakaitse	60 päeva
G/TBT/N/THA/78 . 18. aprill 2002	TAI	vürtsid ja maitseained, toidu lisaained HS: 21.06; ICS: 67.220	tarbijakaitse	60 päeva
G/TBT/N/THA/79 18. aprill 2002	TAI	köögivili ja köögiviljatooted HS: 2103.10; ICS: 67.080.20	tarbijakaitse	60 päeva
G/TBT/N/JPN/44 18. aprill 2002	JAAPAN	raadioseadmed digitaalsele levitussüsteemile	autoriõiguste kaitse	11. juuni 2002
G/TBT/N/JPN/45 18. aprill 2002	JAAPAN	biopreparaadid loomadele HS: 3002.210, 3002.30, 3002.40	kvaliteedikontroll	27. juuni 2002

G/TBT/N/THA/80 19. aprill 2002	TAI	ohtlikud ained	ohu ennetamine	60 päeva

WTO SEKRETARIAADILT SAABUNUD SPS TEATISED

NUMBER & ESITAMIS-KUUPÄEV	RIIK	MÕJUTATAV PIIRKOND/ RIIK	TOODE	EESMÄRK	KOMMEN-TAARIDE ESITAMISE VIIMANE KUUPÄEV
G/SPS/N/MEX/176 4. märts 2002	MEHHIKO	-	kookospalm	taimekaitse	24. märts 2002
G/SPS/N/MEX/177 4. märts 2002	MEHHIKO	-	hübriid-kookospalmi seemned	taimekaitse	24. märts 2002
G/SPS/N/MEX/178 4. märts 2002	MEHHIKO	-	kaubaalused (platvorm), kaubakastid ja teised puidust pakkematerjalid	territooriumi kaitsmine kahjurite eest	31. märts 2002
G/SPS/N/MEX/179 4. märts 2002	MEHHIKO	-	kahjurid	territooriumi kaitsmine kahjurite eest	-
G/SPS/N/MEX/180 11. märts 2002	MEHHIKO	-	bambus, paju jm. korvipunumises kasutatav materjal	territooriumi kaitsmine kahjurite eest	7. aprill 2002
G/SPS/N/MEX/181 11. märts 2002	MEHHIKO	-	värske saepuit	territooriumi kaitsmine kahjurite eest	7. aprill 2002
G/SPS/N/USA/559 26. märts 2002	USA	-	pestitsiidid (Humic acid, potassium salt)	toiduohutus	5. aprill 2002
G/SPS/N/PHL/38 26. märts 2002	FILIPIINID	Filipiinidele eksportivad riigid	töödeldud koera- ja kassitoidud	toiduohutus/ loomatervis	-
G/SPS/N/PHL/39 26. märts 2002	FILIPIINID	Filipiinidele eksportivad riigid	liha- ja lihatooted toiduks	toiduohutus	-
G/SPS/N/THA/85 26. märts 2002	TAI	-	HS: 84.38, ICS: 67.020 toiduainetööstuse protsessid	toiduohutus	60 päeva
G/SPS/N/THA/86 26. märts 2002	TAI	-	HS: 10.05, ICS: 67.060 teravili, kaunvili ja nendest valmistatud tooted	toiduohutus	60 päeva
G/SPS/N/THA/87 26. märts 2002	TAI	-	HS: 21.06, ICS: 67.220 vürtsid ja maitseained, toidu lisaained	toiduohutus	60 päeva
G/SPS/N/THA/88 26. märts 2002	TAI	-	HS: 2103.10, ICS: 67.080.20 köögivili ja köögiviljatooted	toiduohutus	60 päeva

G/SPS/N/JPN/83 26. märts 2002	JAAPAN	-	piim ja piimatooted, konteinerid ja piima ja piimatoodete pakendid	toiduohutus	16. mai 2002
G/SPS/N/NZL/169 26. märts 2002	UUS MEREMAA	Jaapan	veise sperma	loomatervis	8. juuni 2002
G/SPS/N/NZL/170 26. märts 2002	UUS MEREMAA	kõik riigid	kasutatud rehvid	territooriumi, loomade ja taimede kaitse	1. mai 2002
G/SPS/N/EEC/157 2. aprill 2002	EUROOPA ÜHENDUSED	EÜ liikmesriigid ja kolmandad EÜ-sse eksportivad riigid	toidujäätmed, kaasa arvatud rasvad ja õlid, töödeldud või töötlemata	toiduohutus/ inimeste kaitsmine looma- ja taimehaiguste eest	60 päeva
G/SPS/N/EEC/158 2. aprill 2002	EUROOPA ÜHENDUSED	EÜ ja EÜ-ga kauplevad riigid	värske liha, uluki ja küülikuliha	toiduohutus	-
G/SPS/N/EEC/159 2. aprill 2002	EUROOPA ÜHENDUSED	EÜ liikmesriigid ja kolmandad EÜ-ga kauplevad riigid	(1) toiduained, mis sisaldavad hiniini või kofeiini maitselisandina (2) joogid, mis sisaldavad üle 150mg/1 kofeiini ja kaubanimetus ei sisalda termineid ``kohvi``, ``tee``	toiduohutus/ märgistamine	15. mai 2002
G/SPS/N/CHE/29 2. aprill 2002	TŠEHHI	-	alkohoolsed joogid	toiduohutus	15. mai 2002
G/SPS/N/HUN/14 2. aprill 2002	UNGARI	Hiina, Taani, Saksamaa, Itaalia, Tai, Ühendatud Kuningriik ja Araabia Ühend-emiraadid	loomset päritolu toit, sööt ja lemmikloomatoit	toiduohutus/ loomatervis	-
G/SPS/N/USA/ 561, 562 2. aprill 2002	USA	-	pestitsiidid (Triticonazole, Hexythiazox)	toiduohutus	15. aprill 2002
G/SPS/N/USA/563 2. aprill 2002	USA	-	puu- ja juurviljad	taimekaitse	15. aprill 2002
G/SPS/N/USA/564 2. aprill 2002	USA	-	pestitsiidid (Allethrin)	toiduohutus	17. mai 2002
G/SPS/N/USA/565 2. aprill 2002	USA	Soome	mäletsejad, liha ja tooted	toiduohutus	-
G/SPS/N/USA/566 2. aprill 2002	USA	Austria	mäletsejad, liha ja tooted	toiduohutus, loomatervis	-
G/SPS/N/USA/567 2. aprill 2002	USA	-	pestitsiidid (Emamectin Benzoate)	toiduohutus	19. aprill 2002
G/SPS/N/USA/568 2. aprill 2002	USA	Kreeka	liha- ja lihatooted	loomatervis	20. mai 2002
G/SPS/N/KOR/109 2. aprill 2002	KOREA VABARIIK	Portugal, Mehhiko	Pinus spp. Larix spp. ja Cedrus spp puit ja paljundusmaterjal	taimekaitse	-
G/SPS/N/KOR/110 2. aprill 2002	KOREA VABARIIK	-	toidu lisaained	toiduohutus	19. mai 2002

G/SPS/N/PHL/40 2. aprill 2002	FILIPIINID	Jaapan	kalajahu	toiduohutus/ loomatervis/ territooriumi kaitsmine	-
G/SPS/N/NLD/56 3. aprill 2002	HOLLAND	Hollandiga kauplevad riigid	veiseliha, angerjas, munad, loomsed rasvad ja õlid, piimatooted ja sealiha	toiduohutus	-
G/SPS/N/TPKM/1 4. aprill 2002	TAIVANI, PENGHU, KINMENI JA MATSU ERALDATUD TOLLI-TERRITOORIUM	-	Lactoferrin	toiduohutus	15. mai 2002
G/SPS/N/IND/9 11. aprill 2002	INDIA	-	kõik loomsed tooted, külmutatud liha ja lihatooted, kodulinnud, sead, lambad, kitsed; muna ja munapulber, piim ja piimatooted; looma embrüod ja sperma, loomset päritolu sööt	toiduohutus	-
G/SPS/N/IND/10 11. aprill 2002	INDIA	Hiina (kaasa arvatud Hong Kong), Honduras, Itaalia, Laos, Pakistan	linnud, päevavanused tibud, kalkunid, linnuliha	toiduohutus/ loomatervis	-
G/SPS/N/IND/11 11. aprill 2002	INDIA	-	elusloomad: nende embrüod ja munarakud, värske liha ja lihatooted, koed, organid ja liha- ja kondijahu, loomajäätmetest sööt	toiduohutus/ loomatervis	-
G/SPS/N/THA/89 11. aprill 2002	TAI	-	HS 03.06, ICS: 67.120.30 (kala ja kalatooted) krevetid	toiduohutus	60 päeva
G/SPS/N/USA/ 569, 570 11. aprill 2002	USA	-	pestitsiidid (Imazalil, Ziram)	toiduohutus	28. mai 2002
G/SPS/N/USA/ 571, 572 11. aprill 2002	USA	-	pestitsiidid (thiophanate, 6-benzyladenine)	toiduohutus	29. aprill 2002
G/SPS/N/USA/ 573, 575 11. aprill 2002	USA	-	pestitsiidid (Molinate, Methoxychlor)	toiduohutus	3. juuni 2002
G/SPS/N/USA/574 11. aprill 2002	USA	-	toidulisandid	toiduohutus	3. mai 2002
G/SPS/N/USA/576 11. aprill 2002	USA	-	veterinaarsed bioloogilised viirused, seerumid, toksiinid, ja analoogid	loomatervis	4. juuni 2002
G/SPS/N/SLV/38 11. aprill 2002	EL SALVADOR	-	taimed ja seemned	taimekaitse	29. aprill 2002

G/SPS/N/SLV/39 11. aprill 2002	EL SALVADOR	-	põllumajandus-likud sisendid/	toiduohutus/ loomatervis/ taimekaitse	29. aprill 2002
G/SPS/N/SLV/40 11. aprill 2002	EL SALVADOR	-	kõik loomaliigid ja nendest tooted ja pooltooted	loomatervis	29. aprill 2002
G/SPS/N/SLV/41 11. aprill 2002	EL SALVADOR	-	orgaanilised tooted	toiduohutus/ loomatervis/ taimekaitse	29. aprill 2002
G/SPS/N/SLV/ 42, 43 11. aprill 2002	EL SALVADOR	-	taimed, loomad ja nendest tooted	toiduohutus/ loomatervis/ taimekaitse	29. aprill 2002
G/SPS/N/KOR/111 12. aprill 2002	KOREA VABARIIK	-	taimed ja taimetooted	taimekaitse	20. juuni 2002
G/SPS/N/EEC/164 12. aprill 2002	EUROOPA ÜHENDUSED	-	želatiinist kondiitritooted, mis sisaldavad toidulisandit E 425 konjak	toiduohutus/ ajutine kasutamise keeld	-
G/SPS/N/SVN/13 15 aprill 2002	SLOVEENIA	Hiina	loomsed tooted	toiduohutus/ loomatervis/ impordikeeld	-
G/SPS/N/SVN/14 15 aprill 2002	SLOVEENIA	Itaalia	kodu- ja metssea lihast tooted	toiduohutus/ loomatervis/ impordikeeld	-
G/SPS/N/SVN/15 15. aprill 2002	SLOVEENIA	-	metsapuude seemned, noored taimed ja taimeosad (060290410, 120999100)	taimekaitse	aprill 2002
G/SPS/N/SLV/44 16. aprill 2002	EL SALVADOR	-	taimed, loomad, nendest tooted impordiks ja ekspordiks	territooriumi kaitsmine kahjurite eest	29. aprill 2002
G/SPS/N/USA/577 16. aprill 2002	USA	-	toidulisandid (Haematococcus algae astaxanthin)	toiduohutus	-
G/SPS/N/USA/578 16. aprill 2002	USA	-	toiduga kokkupuutuvad ained	toiduohutus	-
G/SPS/N/TPKM/3 18. aprill 2002	TAIVANI, PENGHU, KINMENI JA MATSU ERALDATUD TOLLI-TERRITOORIUM	-	Kuld (metalne)	toiduohutus	25. mai 2002
G/SPS/N/EEC/165 18. aprill 2002	EUROOPA ÜHENDUSED	EÜ liikmesriigid ja kolmandad EÜ-ga kauplevad riigid	toidulisandid	toiduohutus/ loomatervis	60 päeva
G/SPS/N/CHE/30 18. aprill 2002	ŠVEITS	kõik riigid	(looma)sööt	loomatervis	15. juuni 2002

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
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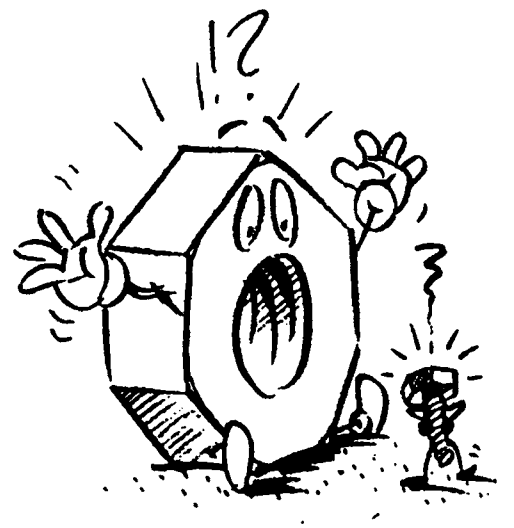
91	Ehitusmaterjalid ja ehitus
93	Tsiviilehitus
95	Sõjatehnika
97	Olme. Meelelahutus. Sport
99	Muud



01.040.13 Keskkonna- ja tervisekaitse. Ohutus (sõnavara)

Environment and health protection. Safety (Vocabularies)

UUED STANDARDID

EVS-EN 1005-1:2002
Hind 101,00
Identne EN 1005-1:2001
Safety of machinery - Human physical performance - Part 1: Terms and definitions
This European Standard provides definitions on concepts and parameters used for EN 1005-2 , prEN 1005-3, EN 1005-4 and EN 1005-5. Basic concepts and general ergonomic principles for the design of machinery are dealt with in EN 292-1, EN 292-2 and EN 614-1.

01.040.23 Üldkasutatavad hüdro- ja pneumosüsteemid ja nende osad (sõnavara)

Fluid systems and components for general use (Vocabularies)

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52858
Tähtaeg: 2002-08-01
Identne prEN 764-1:2001
Pressure equipment - Terminology - Part 1: Pressure, temperature, volume, nominal size
This part of the European standard defines the basic terminology and symbols to be used for pressure equipment and assemblies addressed by the European Directive 97/23/EC with regard to pressure, temperature, volume and nominal size.

01.040.25 Tootmistehnoloogia (sõnavara)

Manufacturing engineering (Vocabularies)

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52811
Tähtaeg: 2002-07-01
Identne prEN 1792:2002
Welding - Multilingual list of terms for welding and related processes
The following lists contain commonly used welding terms. New terms will be added on a regular basis.

01.040.91 Ehitusmaterjalid ja ehitus (sõnavara)

Construction materials and building (Vocabularies)

UUED STANDARDID

EVS-EN 459-1:2002
Hind 139,00
Identne EN 459-1:2001
Ehituslubi. Osa 1: Mõisted, eristuskiri ja vastavus-kriteeriumid
This Prestandard applies to building limes used as binders for preparation of mortar (for masonry, rendering and plastering) and production of other construction products.

01.040.93 Tsiviilehitus (sõnavara)

Civil engineering (Vocabularies)

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52695
Tähtaeg: 2002-07-01
Identne prEN 14227-2:2001
Unbound and hydraulically bound mixtures - Specifications -Part 2: Slag Bound Mixtures - Definitions, composition, classification
This Draft European Standard specifies the characteristics of slag bound mixtures, including constituents, formulation, and laboratory performance for use in road structures and other similar works. In this standard, the binding properties come from the use of slag from the iron and steel industry.
prEVS 52696
Tähtaeg: 2002-07-01
Identne prEN 14227-3:2001
Unbound and hydraulically bound mixtures - Specifications -Part 3: Fly ash for bound mixtures - Definitions, composition, classification
The Standard defines "Fly Ash Bound Mixtures" (FABM) for roads (roadbase, subbase, capping and earthworks) and similar works and specifies the requirements for their constituents, composition and laboratory performance classification. In this standard, fly ash refers to siliceous or calcareous fly ash, produced from the combustion of pulverized coal in energy generating plants. The treatment of soils with fly ash is not covered by this standard, but is currently under preparation.
prEVS 52697
Tähtaeg: 2002-07-01
Identne prEN 14227-4:2001
Unbound and hydraulically bound mixtures - Specifications -Part 4: Fly ash for hydraulically bound mixtures - Definitions, composition, classification
This European Standard specifies fly ash used in hydraulically bound mixtures for roadbase, subbase, capping and similar works. The standard applies to fly ash produced by the combustion of pulverized coal in energy generating plants.There are two types of fly ash depending on the type of coal burned and/or the desulphurisation process. One type behaves pozzolanically and the dominant chemical constituent are SiO2 and Al2O3; this is called alumino-silicate or siliceous fly ash. The other type behaves hydraulically and the dominant chemical constituents are CaO, SiO2 and Al2O3; this is called sulpho-calcitic or calcareous fly ash.

01.100.01
Tehnilised joonised

Technical drawings in general

UUED STANDARDID

EVS-EN ISO 128-20:2002
Hind 83,00
Identne ISO 128-20:1996
ja identne EN ISO 128-20:2001
Technical drawings - General principles of presentation - Part 20: Basic conventions for lines
This part of EN ISO 128 establishes the types of lines, their designations and their configurations, as well as general rules for draughting of lines used in technical drawings, e.g. diagrams, plans or maps.

EVS-EN ISO 128-21:2002
Hind 92,00
Identne ISO 128-21:1997
ja identne EN ISO 128-21:2001
Technical drawings - General principles of presentation - Part 21: Preparation of lines by CAD-systems
This part of EN ISO 128 specifies procedures for the calculation of the most important basic types of non-continuous lines according to EN ISO 128-20 and their line elements.

01.100.10
Joonestamise üldreeglid

General drawing rules

UUED STANDARDID

EVS-EN ISO 5456-4:2002
Hind 170,00
Identne ISO 5456-4:1996
ja identne EN ISO 5456-4:2001
Technical drawings - Projection methods - Part 4: Central projection
This part of EN ISO 5456 specifies basic rules for the development and application of central projection in technical drawings.

01.110
Toote tehniline dokumentatsioon

Technical product documentation

KAVANDITE ARVAMUSKÜSITLUS

prEVS 39425
Tähtaeg: 2002-07-01
Identne prEN 13460:2001
Maintenance - Documents for maintenance
This European Standard specifies general guidelines for:- the technical documentation to be supplied with an item, at the latest before it is ready to be put into service, in order to support its maintenance, see clause 5. - the documentation of information to be established within the operational phase of an item, in order to support the maintenance requirements, see annex A.

03.080.10
Tööstusteenused

Industrial services

KAVANDITE ARVAMUSKÜSITLUS

prEVS 39425
Tähtaeg: 2002-07-01
Identne prEN 13460:2001
Maintenance - Documents for maintenance
This European Standard specifies general guidelines for:- the technical documentation to be supplied with an item, at the latest before it is ready to be put into service, in order to support its maintenance, see clause 5. - the documentation of information to be established within the operational phase of an item, in order to support the maintenance requirements, see annex A.

03.220
Transport. Postiteenused

Transport

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52782
Tähtaeg: 2002-07-01
Identne prEN 14427:2002
Transportable refillable fully wrapped composite cylinders for liquefied petroleum gases - Design and construction
This European standard specifies minimum requirements concerning materials, design, construction, prototype testing and routine manufacturing inspections of composite cylinders with a water capacity from 0,5 litre up to and including 150 litres for liquefied petroleum gases exposed to ambient temperatures, with a test pressure of 30 bar. This standard is applicable to cylinders that comprise a liner of metallic material (welded or seamless) or nonmetallic material (or a mixture thereof), reinforced by fibres of glass, carbon or aramid (or a mixture thereof). This standard is also applicable to composite cylinders without liners.

03.220.20
Maanteetransport

Road transport

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52784
Tähtaeg: 2002-07-01
Identne prEN 14432:2002
Tanks for the transport of dangerous goods - Tank equipment for the transport of liquid chemicals - Product discharge and air inlet valves
This standard specifies general requirements for product discharge and air inlet valves for use on portable and transportable tanks for Dangerous Goods. It is applicable to equipment for use on tanks with gravity and pressure discharge.

prEVS 52810
Tähtaeg: 2002-07-01
Identne prEN 14433:2002
Tanks for the transport of dangerous goods - Tank equipment for the transport of liquid chemicals - Footvalves
This standard specifies the general requirements for foot valves for use on portable and transportable tanks for dangerous goods. It is applicable to equipment for use on tanks with bottom loading and discharge.

03.240
Postiteenused

Postal services

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52844
Tähtaeg: 2002-07-01
Identne prEN 14012:2001
Postal services - Quality of service - Measurements of complaints and redress procedures
This standard specifies requirements for the measurement of complaints and redress procedures related to the domestic and international postal service. It defines various types of complaints and for each of them establishes a methodology for measuring response rates for their acknowledgement, processing, and resolution by the service provider. It also specifies the requirements for the complaints management system to be set up by the service provider.This standard is applicable to all domestic and cross-border services within the universal service. It may be used for other postal services if appropriate.

07.060
Geoloogia. Meteoroloogia. Hüdroloogia

Geology. Meteorology. Hydrology

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52829
Tähtaeg: 2002-07-01
Identne prEN 14415:2002
Geosynthetic barriers - Test method for determining the resistance to leaching
This standard covers laboratory procedures for the testing of the leaching behaviour of polymeric or bituminous geosynthetic barriers and geosynthetic clay liners in hot water, aqueous alkaline liquids and organic alcohols. The standard does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulator limitations prior to use.

prEVS 52830
Tähtaeg: 2002-07-01
Identne prEN 14416:2002
Geosynthetic barriers - Test method for determining the resistance to roots
This standard covers a laboratory procedure for the testing of the resistance of polymeric or bituminous geosynthetic barriers and geotextile clay liners to root penetration.The standard does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

07.100.10
Meditsiiniline mikrobioloogia

Medical microbiology

UUED STANDARDID

EVS-EN 12322:1999/A1:2002
Hind 57,00
Identne EN 12322:1999/A1:2001
In vitro kasutatavad diagnostilised meditsiiniseadmed. Mikrobioloogia sööde. Söötme esitluskriteeriumid.
MUUDATUS
This standard specifies requirements for the performance of culture media. It is concerned with the traceability, comparability, reproducibility and suitability of culture media used in microbiological laboratories.

07.100.20
Vee mikrobioloogia

Microbiology of water

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52855
Tähtaeg: 2002-07-01
Identne prEN 12780:2001
Water quality - Detection and enumeration of Pseudomonas aeruginosa by membrane filtration
This European Standard presents a method for the isolation and enumeration of Pseudomonas aeruginosa in bottled water samples by a membrane filtration technique. This method can also be applied to other types of water with a low background flora, for example pool waters and waters intended for human consumption.

11.040.01
Meditsiinivarustus üldiselt

Medical equipment in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52754
Tähtaeg: 2002-07-01
Identne ISO/DIS 14155-2:2001
ja identne prEN ISO 14155-2:2001
Clinical investigation of medical devices for human subjects - Part 2: Clinical investigation plans
This part of EN ISO 14155 provides requirements for the preparation of plans for the clinical investigation of Medical Devices. The compilation of a Clinical Investigation Plan (CIP) in accordance with the requirements of this Standard and adherence to it will help in optimising the scientific validity and reproducibility of a Clinical Investigation. This Standard does not apply to in vitro diagnostic medical devices.

11.040.40
Kirurgilised implantaadid, proteesimine ja ortopeedia

Implants for surgery, prosthetics and orthotics

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52721
Tähtaeg: 2002-07-01
Identne ISO/DIS 16054:2000
ja identne prEN ISO 16054:2001
Implants for surgery - Minimum data sets for surgical implants
This International Standard defines minimum data sets for surgial implants to facilitate recording and international exchange of data for the purposes of implant registry and tracking to allow recall for product correction or patient follow cross referencing between extended data sets for the purposes of retrieval analysis and research.

11.080.01
Steriliseerimine ja desinfitseerimine üldiselt

Sterilization and disinfection in general

UUED STANDARDID

EVS-EN 556-1:2002
Hind 75,00
Identne EN 556-1:2001
Sterilization of medical devices - Requirements for medical devices to be designated "STERILE" - Part 1: Requirements for terminally sterilized medical devices.
This European Standard specifies the requirements for a terminally-sterilized medical device to be designated 'STERILE': Part 2 of this European Standard specifies the requirements for an aseptically processed medical device to be designated "STERILE".

11.120.20
Ravitarbed. Kirurgiasidemed

Medical materials.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52838
Tähtaeg: 2002-07-01
Identne EN 13726-1:2002
Test methods for primary wound dressings - Part 1: Aspects of absorbency
Part 1 of EN 13726 specifies test methods recommended for the evaluation of some aspects of absorbency of primary wound dressings.
prEVS 52853
Tähtaeg: 2002-07-01
Identne prEN 13726-1:2001
Test methods for primary wound dressings - Part 1: Aspects of absorbency
Part 1 of EN 13726 specifies test methods recommended for the evaluation of some aspects of absorbency of primary wound dressings.
prEVS 52854
Tähtaeg: 2002-07-01
Identne prEN 13726-2:2001
Test methods for primary wound dressings - Part 2: Moisture vapour transmission rate of permeable film dressings
Part 2 of EN 13726 describes test methods recommended for the evaluation of moisture vapour transmission rate of permeable film primary wound dressings.

11.200
Sündimuse kontroll. Mehaanilised rasestumisvastased vahendid

Birth control. Mechanical contraceptives

UUED STANDARDID

EVS-EN ISO 7439:2002
Hind 109,00
Identne ISO 7439:2002
ja identne EN ISO 7439:2002
Copper-bearing intra-uterine contraceptive devices - Requirements, test
This standard applies to single-use copper-containing contraceptive intrauterine devices and their insertion instruments.
Contraceptive intrauterine devices consisting only of a plastics body and contraceptive intrauterine devices whose primary purpose is to release progestogens are not included in the scope of this standard.

13.020.50
Keskkonnamärgistus

Ecolabelling

UUED STANDARDID

EVS-EN ISO 14020:2002
Hind 66,00
Identne ISO 14020:2000
ja identne EN ISO 14020:2001
Environmental labels and declarations - General principles
This standard establishes guiding principles for the development and use of environmental labels and declarations. It is intended that other applicable standards in the ISO 14020 series be used in conjunction with this International Standard. This standard is not intended for use as a specification for certification and registration purposes.

13.040.20
Välisõhu kvaliteet

Ambient atmospheres

UUED STANDARDID

EVS-EN 13277-4:2002
Hind 92,00
Identne EN 13277-4:2001
Protective equipment for martial arts - Part 4: Additional requirements and test methods for head protectors
This European Standard specifies additional requirements and test methods for head protectors without face protection used in unarmed martial arts, such as Taekwondo, Karate, Kick-Boxing and similar disciplines. It also applies to head protectors used in boxing.

13.040.30
Töökeskonna õhu kvaliteet

Workplace atmospheres

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52724
Tähtaeg: 2002-07-01
Identne prEN 13205:2001
Workplace atmospheres - Assessment of performance of instruments for measurement of airborne particle concentrations
This European Standard specifies methods for testing aerosol sampling instruments under prescribed laboratory conditions, and performance requirements that are specific to aerosol sampling instruments. These performance requirements, which include conformity with the EN 481 sampling conventions, apply only to the process of sampling the airborne particles from the air, not to the process of analysing particles collected by the process of sampling. Although analysis of samples collected in the course of testing is usually necessary in order to evaluate the sampler performance, the specified test methods ensure that analytical errors are kept very low during testing and do not contribute significantly to the end result. The determination of analytical errors and factors related to them (for example the bias, precision and limit of detection of the analytical method) is outside the scope of

this standard. Where the aerosol sampling instrument requires the use of an external (rather than integral) pump, the pump is not subject to the requirements of this standard.

13.040.40
Püsiallikate heitmed

Stationary source emissions

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52707
Tähtaeg: 2002-07-01
Identne prEN 14181:2001
Stationary source emissions - Quality assurance of automated measuring systems
This European Standard describes procedures that shall be carried out to cover quality assurance (QA) of automated measuring systems (AMS) installed on industrial plants for the determination of the flue gas components and other flue gas parameters. This includes: a procedure to determine the uncertainty of the measured values obtained by an automated measurement system. This involves the determination of its calibration function and its variability, and a test on this variability of the measured values of the AMS compared with the uncertainty given by regulations. These tests shall be by means of parallel measurements using a standard reference method (SRM); a procedure for operational activities necessary to maintain the required quality of the measurement results, including a check that the AMS is in the same operational condition as when the calibration curve was determined; a procedure for the annual surveillance tests on the AMS. The determination and influence of the uncertainty due to the data acquisition and handling system is not included in this standard.

13.110
Masinate ohutus

Safety of machinery

UUED STANDARDID

EVS-EN 1005-1:2002
Hind 101,00
Identne EN 1005-1:2001
Safety of machinery - Human physical performance - Part 1: Terms and definitions
This European Standard provides definitions on concepts and parameters used for EN 1005-2 , prEN 1005-3, EN 1005-4 and EN 1005-5. Basic concepts and general ergonomic principles for the design of machinery are dealt with in EN 292-1, EN 292-2 and EN 614-1.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52808
Tähtaeg: 2002-07-01
Identne prEN 1870-16:2002
Safety of woodworking machines - Circular sawing machines - Part 16: Double mitre sawing machines for V-cutting
This European Standard specifies the requirements and/or measures to remove the hazards and/or limit the risks on double mitre sawing machines for V-cutting with a maximum cutting capacity (width and height) of 200 mm, hereinafter referred to as the machine, designed to cut solid wood, chipboard, fibreboard or plywood and also these materials where they are covered with plastic laminate or edgings. 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 Electromagnetic Compatibility (EMC). 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.This European Standard is primarily directed at machines which are manufactured after the date of issue of this European Standard.

13.140
Müra toime inimesele

Noise with respect to human beings

UUED STANDARDID

EVS-EN ISO 14257:2002
Hind 66,00
Identne ISO 14257:2001
ja identne EN ISO 14257:2001
Acoustics - Measurement and parametric description of spatial sound distribution curves in workrooms for evaluation of their acoustical performance
This standard specifies a method for measuring the spatial sound distribution curve(s) of a given workroom. A method is given for determining, from the measured data, two descriptors of the acoustical performance of a workroom, i.e. the excess of sound pressure level with respect to a free field and the sound pressure level decay per distance doubling.

13.160
Vibratsiooni ja lõögi toime inimesele

Vibration and shock with respect to human beings

UUED STANDARDID

EVS-EN 13490:2002
Hind 130,00
Identne EN 13490:2001
Mechanical vibration - Industrial trucks - Laboratory evaluation and specification of operator seat vibration
This European Standard is applicable to operator seats used on industrial trucks as defined in ISO 5053 irrespective of power supply, type of equipment, lifting mechanism and tyres. It also applies to seats for other trucks not covered by ISO 5053, e.g. variable-reach trucks and low-lift order picking trucks.

EVS-EN 28662-5:1999/A2:2002
Hind 49,00
Identne ISO 8662-5:1992/ Amd. 1:1999
ja identne EN ISO 28662-5:1994/ A2:2001
Kantavad käeshoitavad ajamiga tööriistad. Vibratsiooni mõõtmine käepidemetel . Osa 5: Sillutiselõhkurid ja ehitustöödel kasutatavad vasarad.
MUUDATUS 2
See standard esitab tüüpkatsetustel ja võrdlusotstarbel rakendatava laborimeetodi vibratsiooni mõõtmiseks käeshoitavate ajamiga sillutiselõhkurite ja ehitustöödel kasutatavate vasarate käepidemetel.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 35808
Tähtaeg: 2002-07-01

Identne prEN 13059:2001
Safety of industrial trucks - Test methods for measuring vibration
This 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.

13.180 Ergonoomia

Ergonomics

UUED STANDARDID

EVS-EN 1005-1:2002
Hind 101,00
Identne EN 1005-1:2001
Safety of machinery - Human physical performance - Part 1: Terms and definitions
This European Standard provides definitions on concepts and parameters used for EN 1005-2 , prEN 1005-3, EN 1005-4 and EN 1005-5. Basic concepts and general ergonomic principles for the design of machinery are dealt with in EN 292-1, EN 292-2 and EN 614-1.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52826
Tähtaeg: 2002-07-01
Identne ISO 13732-3:2002
ja identne EN ISO 13732-3:2002
Ergonomics of the thermal environment - Touching of cold surfaces - Part 3: Ergonomics data and guidance for application
This standard describes methods for the assessment of the risk of cold injury and other adverse effects when a cold surface is touched by bare hand/finger skin. This standard provides ergonomics data to establish temperature limit values for cold solid surfaces. The values established can be used in the development of special standards, where surface temperature limit values are required. The data of this standard will be applicable to all fields where cold solid surfaces cause a risk of hand/finger contact cold injury (frostbite and non-freezing). The standard is applicable to the healthy skin of adults (females and males). Other considerations are given in Annex B.

13.220.20 Tulekaitsevahendid

Fire protection

UUED STANDARDID

EVS-EN 12101-3:2002
Hind 190,00
Identne EN 12101-3:2002
Smoke and heat control systems - Part 3: Specification for powered smoke and heat exhaust ventilators
This part of the standard specifies requirements and gives methods for testing powered smoke and heat exhaust ventilators that are intended to be installed as part of a powered smoke and heat exhaust ventilation system.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 30327
Tähtaeg: 2002-08-01
Identne prEN 54-13:2001
Fire detection and fire alarm systems - Part 13: System requirements and compatibility assessment
This European Standard specifies system requirements to form a fire detection and fire alarm system and related compatibility and connectability assessment methods and tests for the system components. This Standard also specifies requirements for the integrity of the fire detection and fire alarm system when connected to other systems.It is not intended in this standard to specify the manner in which the system is designed, installed and used in any particular application.
Differentiation is made between components classified as components type 1 and other components classified as components type 2. This standard is limited to systems where the components are interconnected by wires For f.d.a.s. using other connections (for example optical fibre or radio frequency links),this standard may be used as a guidance.

prEVS 52763
Tähtaeg: 2002-07-01
Identne EN 12259-4:2000/A1:2002
Tulekustutussüsteemid. Splinkler - ja veepihustussüsteemide koostisosad. Osa 4: Veemootori häiresüsteemid
This part of EN 12259 specifies requirements for construction and performance of water motor alarms for use in conjunction with alarm valves conforming to EN 12259-2, EN 12259-3 and EN 12259-9 used in automatic sprinkler systems complying with EN 12845 and water spray systems conforming to the relevant European Standard. Type approval tests and a recommended test schedule for type approval testing are also given. Auxiliary components or attachments to water motor alarms are not covered by this Part of EN 12259.

13.220.50 Ehitusmaterjalide ja -elementide tulepüsivus

Fire-resistance of building materials and elements

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52705
Tähtaeg: 2002-07-01
Identne prEN 14187-7:2001
Cold applied joint sealants - Test methods - Part 7: Determination of resistance to flame
This European Standard specifies a test method for determination of the resistance to flame for cold applied joint sealants for use in joints in roads, air fields and other exposed concrete pavements.

13.300 Kaitse ohtlike kaupade eest

Protection against dangerous goods

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52803
Tähtaeg: 2002-07-01
Identne prEN 13315:2001

Tanks for transport of dangerous goods - Service equipment for tanks - Gravity discharge coupler
This European Standard applies to gravity discharge coupler and specifies the performance requirements, critical dimensions and tests necessary to verify the compliance of the equipment to this standard. The equipment specified by this standard is suitable for use with liquid petroleum products and other dangerous substances of Class 3 of ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road (flammable liquids) which have a vapour pressure not exceeding 110 kPa at 50 °C and petrol, and which have no-sub-classification as toxic or corrosive.

13.320 Häire- ja hoiatussüsteemid

Alarm and warning systems

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52763
Tähtaeg: 2002-07-01
Identne EN 12259-4:2000/A1:2002
Tulekustutussüsteemid. Splinkler - ja veepihustussüsteemide koostisosad. Osa 4: Veemootori häiresüsteemid
This part of EN 12259 specifies requirements for construction and performance of water motor alarms for use in conjunction with alarm valves conforming to EN 12259-2, EN 12259-3 and EN 12259-9 used in automatic sprinkler systems complying with EN 12845 and water spray systems conforming to the relevant European Standard. Type approval tests and a recommended test schedule for type approval testing are also given. Auxiliary components or attachments to water motor alarms are not covered by this Part of EN 12259.

13.340.10 Kaitserõivad

Protective clothing

UUED STANDARDID

EVS-EN 13061:2002
Hind 139,00
Identne EN 13061:2001
Protective clothing - Shin guards for association football players - Requirements and test methods
This European Standard specifies the general requirements for the ergonomics, innocuousness, sizing, coverage, performance, and cleaning of association football players` shin guards. Test methods are described and performance levels are defined. Requirements for the marking of shin guards and the information to be supplied with them are given.

EVS-EN ISO 6529:2002
Hind 163,00
Identne ISO 6529:2001
ja identne EN ISO 6529:2001
Protective clothing - Protection against chemicals - Determination of resistance of protective clothing materials to permeation by liquids and gase
This standard describes a laboratory test method that enable a determination of the resistance of materials used in protective clothing to permeation by liquid or gaseous chemicals under the conditions of either continuous or intermittent contact.

EVS-EN ISO 15027-1:2002
Hind 126,00
Identne ISO 15027-1:2002
ja identne EN ISO 15027-1:2002
Immersion suits - Part 1: Constant wear suits, requirements including safety
This standard specifies the requirements for the construction, performance, safety and test methods for immersion suits. This part of the standard is applicable to the requirements of constant wear suits. For the abandonment suits see EN ISO 15027-2, for test methods for immersion suits see EN ISO 15027-3.

EVS-EN ISO 15027-2:2002
Hind 117,00
Identne ISO 15027-2:2002
ja identne EN ISO 15027-2:2002
Immersion suits - Part 2: Abandonment suits, requirements including safety
This standard specifies the requirements for the construction, performance, safety and the test methods for immersion suits. This part of the standard is applicable to the requirements of abandonment suits. For the requirements of constant wear suits see EN ISO 15027-1 and for the test methods see EN ISO 15027-3.

EVS-EN ISO 15027-3:2002
Hind 130,00
Identne ISO 15027-3:2002
ja identne EN ISO 15027-3:2002
Immersion suits - Part 3: Test methods
This standard specifies the test methods for immersion suits.This standard is applicable to constant wear suits and abondonment suits. For requirements for constant wear suits see EN ISO 15027-1 and for requirements for abandoment suits see EN ISO 15027-3.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52757
Tähtaeg: 2002-07-01
Identne ISO/DIS 14877:2001
ja identne prEN ISO 14877:2001
Protective clothing for abrasive blasting operations using granular abrasives
This European draft standard specifies minimum requirements and test methods for protective clothing for abrasive blasting operations and for hand protection, for the treatment of surfaces with granular abrasives propelled by compressed air or by mechanical means. The protection against substances that develop during the blasting operation as well as connections between the protective clothing and the respiratory protective device are also covered.This European draft standard does not apply to steam blasting, jet blasting and flame blasting operations.
prEVS 52774
Tähtaeg: 2002-07-01
Identne ISO 14460:2002
ja identne EN ISO 14460:1999/A1:2002
Kaitseriietus autojuhtidele. Kaitse kuumuse ja tule vastu. Toimevõime nõuded ja katsemeetodid

This standard specifies test methods, performance requirements and design parameters for clothing for protection against heat and flame intended for drivers in automobile competitions. This standard concerns outer garments, under garments, socks, gloves and balaclava hoods. Shoes and helmets are excluded from this standard.
prEVS 52827
Tähtaeg: 2002-07-01
Identne ISO 14876-4:2002
ja identne EN ISO 14876-4:2002
Protective clothing - Body armour - Part 4: Needle and spike stab resistance - Requirements and test methods
This part of European Standard prEN ISO 14876 contains the performance requirements and test methods for determining the resistance of body armour to needle and spike stabs.

13.340.20
Pea kaitsevahendid

Head protective equipment

UUED STANDARDID

EVS-EN 1384:1999/A1:2002
Hind 57,00
Identne EN 1384:1996/A1:2001
Ratsutamiskiivrid.
MUUDATUS
Käesolev Euroopa standard määrab kindlaks nõuded nokaga või nokata kaitsekiivritele ratsutamisega tegelevate inimeste jaoks. Standard esitab ohutusnõuded, mis hõlmavad testimismeetodeid ja tõhususe tasemeid löögi summutamise, teiste kehade sissetungimisvastase kaitsevõime ning kinnitussüsteemi tugevuse ja efektiivsuse määramiseks ning noka olemasolul selle kalde määramiseks.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52809
Tähtaeg: 2002-07-01
Identne prEN 171:2002
Personal eye-protection - Infrared filters - Transmittance requirements and recommended use
This European Standard specifies the scale numbers and transmittance requirements for filters for protection against infrared radiation. The other applicable requirements for these types of filters and the frames/mountings to which they are intended to be fitted are given in EN 166. Guidance on the selection and use of these filters is given in annex B.

13.340.40
Kaitsekindad

Protective gloves

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52774
Tähtaeg: 2002-07-01
Identne ISO 14460:2002
ja identne EN ISO 14460:1999/A1:2002
Kaitseriietus autojuhtidele. Kaitse kuumuse ja tule vastu. Toimevõime nõuded ja katsemeetodid
This standard specifies test methods, performance requirements and design parameters for clothing for protection against heat and flame intended for drivers in automobile competitions. This standard concerns outer garments, under garments, socks, gloves and balaclava hoods. Shoes and helmets are excluded from this standard.

17.140.20
Masinate ja seadmete müra

Noise emitted by machines and equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52773
Tähtaeg: 2002-07-01
Identne ISO 15774:2002
ja identne EN ISO 15774:2002
Hand-held non-electric power tools - Noise measurement code - Engineering method (grade 2)
This International Standard specifies methods for the measurement, determination and declaration of the noise emission from hand-held non-electric power tools. It prescribes the loading and working conditions under which can be determined a) the noise emission, under specified load conditions, expressed as the sound power level, and b) the emission sound pressure level at the work station under specified load conditions.

19.100
Mittepurustav katsetamine

Non-destructive testing

UUED STANDARDID

EVS-EN ISO 3059:2002
Hind 66,00
Identne ISO 3059:2001
ja identne EN ISO 3059:2001
Non-destructive testing - Penetrant testing and magnetic particle testing - Viewing conditions
This European Standard describes the control of the viewing conditions for magnetic particle and penetrant testing. It includes minimum requirements for the illuminance and UV-A irradiance and their measurement. It is intended for use when the human eye is the primarly detection aid.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52740
Tähtaeg: 2002-07-01
Identne prEN 13554:2001
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.

21.020
Masinate, aparaatide, seadmete karakteristikud ja konstruktsioon

Characteristics and design of machines, apparatus, equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52804
Tähtaeg: 2002-07-01
Identne prEN 81-71:2001
Safety rules for the construction and installation of lifts - Particular applications to passenger lifts and goods passenger lifts - Part 71: Vandal resistant lifts
This Standard gives additional or deviating requirements to EN 81-1 and EN 81-2 as applicable in order to ensure the safety of lift users and shall be available for lifts, which may be used for vandal resistant purposes. In all other respects such lifts are designed in accordance with EN 81 Part 1 or Part 2. This standard deals with the significant hazards, hazardous situations and events relevant to vandal resistant lifts (as listed in 4) when they are used under the conditions as foreseen by the installer. It specifies design criteria and technical measures to increase the vandal resistance of lifts to be installed in locations likely to be subjected to vandalism. It does not cover building security that must be addressed by the building designer.

21.060.10
Poldid, kruvid, tikkpoldid

Bolts, screws, studs

UUED STANDARDID

EVS-EN ISO 14580:2002
Hind 57,00
Identne ISO 14580:2001
ja identne EN ISO 14580:2001
Hexalobular socket cheese head screws
This standard specifies the characteristics of hexalobular socket cheese head screws in product grades A and with thread sizes from M2 up to and including M10.

EVS-EN ISO 14584:2002
Hind 57,00
Identne ISO 14584:2001
ja identne EN ISO 14584:2001
Hexalobular socket raised countersunk head screws
This standard specifies the characteristics of hexalobular socket raised countersunk head screws in product grades A and with thread sizes from M2 up to M10 inclusive.

EVS-EN ISO 14585:2002
Hind 57,00
Identne ISO 14585:2001
ja identne EN ISO 14585:2001
Hexalobular socket pan head tapping screws
This standard specifies the characteristics of hexalobular socket pan head tapping screws with thread sizes from ST2,9 to ST6,3 inclusive.

EVS-EN ISO 14586:2002
Hind 57,00
Identne ISO 14586:2001
ja identne EN ISO 14586:2001
Hexalobular socket countersunk head tapping screws
This standard specifies the characteristics of hexalobular socket countersunk head tapping screws with thread sizes from ST2,9 to ST6,3 inclusive.

EVS-EN ISO 14587:2002
Hind 57,00
Identne ISO 14587:2001
ja identne EN ISO 14587:2001
Hexalobular socket raised countersunk (oval) head tapping screws
This standard specifies the characteristics of hexalobular socket raised countersunk (oval) head tapping screws with thread sizes from ST2,9 to ST6,3 inclusive.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52203
Tähtaeg: 2002-07-01
Identne ISO 14583:2001
ja identne EN ISO 14583:2001
Hexalobular socket pan head screws
This International Standard specifies the characteristics of hexalobular socket pan head screws in product grades A and with tread sizes from M2 up to and including M10.

21.160
Vedrud

Springs

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52823
Tähtaeg: 2002-07-01
Identne prEN 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.

23.020.20
Transpordivahenditele monteeritud anumad ja mahutid

Vessels and containers mounted on vehicles

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52803
Tähtaeg: 2002-07-01
Identne prEN 13315:2001
Tanks for transport of dangerous goods - Service equipment for tanks - Gravity discharge coupler
This European Standard applies to gravity discharge coupler and specifies the performance requirements, critical dimensions and tests necessary to verify the compliance of the equipment to this standard. The equipment specified by this standard is suitable for use with liquid petroleum products and other dangerous substances of Class 3 of ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road (flammable liquids) which have a vapour pressure not exceeding 110 kPa at 50 °C and petrol, and which have no-sub-classification as toxic or corrosive.

23.020.30 Surveanumad, gaasiballoonid

Pressure vessels, gas cylinders

KAVANDITE ARVAMUSKÜSITLUS

prEVS 31340
Tähtaeg: 2002-07-01
Identne prEN 12542:2001
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.
prEVS 33332
Tähtaeg: 2002-07-01
Identne prEN 12817:2001
Inspection and requalification of LPG tanks up to and including 13 m³ overground
This European Standard specifies requirements for: a) routine inspection, periodic inspection and equalification of fixed above ground LPG storage tanks of sizes from 150 l up to and including 13 m 3, and associated fittings; b) marking tanks and/or keeping records, as appropriate, as a result of routine inspection, periodic inspection and requalification. This European Standard excludes refrigerated storage.
prEVS 33333
Tähtaeg: 2002-07-01
Identne prEN 12818:2001
Inspection and requalification of LPG tanks up to and including 13 m3 underground
This European Standard specifies requirements for: a) routine inspection, periodic inspection and requalification of underground and mounded LPG storage tanks of sizes from 150 l up to and including 13 m3 , and associated fittings; b) marking tanks and/or keeping records, as appropriate, as a result of routine inspection, periodic inspection and requalification. This European Standard excludes refrigerated storage.
prEVS 33334
Tähtaeg: 2002-07-01
Identne prEN 12819:2001
Inspection and requalification of LPG tanks greater than 13 m3 overground
This European Standard specifies requirements for:a) routine inspection, periodic inspection and requalification of fixed overground LPG storage tanks of sizes greater than 13 m3, and associated fittings; b) marking tanks and/or keeping records, as appropriate, as a result of routine inspection, periodic inspection and requalification. This European Standard excludes refrigerated storage.
prEVS 33335
Tähtaeg: 2002-07-01
Identne prEN 12820:2001
Inspection and requalification of LPG tanks greater than 13 m3 underground
This European Standard specifies requirements for: a) routine inspection, periodic inspection and requalification of underground and mounded LPG storage tanks of sizes greater than 13 m3, and associated fittings; b) marking tanks and/or keeping records, as appropriate, as a result of routine inspection, periodic inspection and requalification. This European Standard excludes refrigerated storage.
prEVS 34186
Tähtaeg: 2002-07-01
Identne ISO 11623:2002
ja identne EN ISO 11623:2002
Transportable gas cylinders - Periodic inspection and testing of composite gas cylinders
This standard specifies the requirements for periodic inspection and testing of hoop wrapped and fully wrapped composite transportable gas cylinders, with aluminium, steel or non-metallic liners or of linerless construction, intended for compressed, liquefied or dissolved gases under pressure, of water capacity from 0,5 l up to 450 l.This standard specifies the requirements for periodic inspection and testing to verify the integrity of such gas cylinders for further service.
prEVS 36375
Tähtaeg: 2002-07-01
Identne prEN 13109:2001
LPG tanks - Disposal
This European standard specifies methods for the safe disposal of tanks above 150 litre water capacity.
prEVS 38730
Tähtaeg: 2002-07-01
Identne EN 13365:2002
Transportable gas cylinders - Cylinder bundles for permanent and liquefied gases (excluding acetylene) - Inspection at time of filling
This European standard specifies the requirements for inspection before, during and after the time of filling for cylinder bundles, also referred to as bundles. This standard does not apply to acetylene bundles which are covered in EN 12755. This standard does not cover bundles when they are a part of a battery vehicle.
prEVS 38908
Tähtaeg: 2002-07-01
Identne EN 13385:2002
Transportable gaz cylinders - Battery vehicles for permanent and liquefied gases (excluding acetylene) - Inspection at time of filling
This European Standard specifies requirements for inspection before, during and after the time of filling for battery vehicles. This standard does not apply to acetylene battery vehicles which are covered in prEN 13720. This standard is not applicable to the automotive components of a battery trailer.
prEVS 52766
Tähtaeg: 2002-07-01
Identne EN 1442:1998/A1:2002

Hygrothermal performance of building equipment and industrial installations - Calculation of water vapour diffusion - Cold pipe insulation systems
This standard specifies a method to calculate the density of water vapour flow rate in cold pipe insulation systems, and the total amount of water diffused into the insulation over time. This calculation method presupposes that water vapour can only migrate into the insulation system by diffusion, with no contribution from airflow. It also assumes the use of homogeneous, isotropic insulation materials so that the water vapour partial pressure is constant at all points equidistant from the axis of the pipe. The standard is applicable when the temperature of the medium in the pipe is above 0 □ C. It applies to pipes inside buildings as well as in the open air.
prEVS 52858
Tähtaeg: 2002-08-01
Identne prEN 764-1:2001
Pressure equipment - Terminology - Part 1: Pressure, temperature, volume, nominal size
This part of the European standard defines the basic terminology and symbols to be used for pressure equipment and assemblies addressed by the European Directive 97/23/EC with regard to pressure, temperature, volume and nominal size.

23.020.40 Krüogeenanumad

Cryogenic vessels

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52717
Tähtaeg: 2002-07-01
Identne prEN 14197-1:2001
Cryogenic vessels - Static non-vacuum insulated vessels - Part 1: Fundamental requirements
This European Standard specifies the fundamental requirements for static non vacuum insulated cryogenic vessels designed for a maximum allowable pressure greater than 0,5 bar. This European Standard applies to static non vacuum insulated cryogenic vessels for fluids as specified in 3.1. For static non vacuum insulated cryogenic vessels designed for a maximum allowable pressure of not more than 0.5 bar, this European Standard may be used as a guide. This European Standard is not applicable to vessels built on-site.
prEVS 52718
Tähtaeg: 2002-07-01
Identne prEN 14197-2:2001
Cryogenic vessels - Static non-vacuum insulated vessels - Part 2: Design, fabrication, inspection and testing
This European Standard specifies requirements for the design, fabrication, inspection and testing of static non-vacuum insulated cryogenic vessels designed for a maximum allowable pressure of more than 0,5 bar. This European standard applies to static non-vacuum insulated cryogenic vessels for fluids as specified in EN 13458-1 and does not apply to vessels designed for toxic fluids. For static non-vacuum insulated cryogenic vessels designed for a maximum allowable pressure of not more than 0,5 bar this European Standard may be used as a guide.
prEVS 52719
Tähtaeg: 2002-07-01
Identne prEN 14197-3:2001
Cryogenic vessels - Static non-vacuum insulated vessels - Part 3: Operational requirements
This European Standard specifies operational requirements for static non vacuum insulated vessels for cryogenic fluids according to prEN 14197-1, designed for a maximum allowable pressure of more than 0,5 bar. It may be used as a guideline for vessels designed for a maximum allowable pressure of not more than 0,5 bar. The scope includes installation, putting into service, inspection, filling, maintenance and emergency procedures. This European Standard applies to vessels for cryogenic fluids as specified in prEN 14197-1.
prEVS 52801
Tähtaeg: 2002-07-01
Identne prEN 13530-3:2001
Cryogenic vessels - Large transportable vacuum insulated vessels - Part 1: Fundamental requirements
This European Standard specifies the fundamental requirements for large transportable vacuum insulated cryogenic vessels designed to operate above atmospheric pressure. Appropriate parts can be used as a guidance for vessels designed to operate to the atmosphere. This European Standard applies to fixed tanks (of tank-vehicles or tank-wagons), demountable tanks, tanks of battery-vehicles and tank-containers (TC) for refrigerated liquefied gases in the sense of the regulations of the transport of dangerous goods. This standard applies to large transportable vacuum insulated cryogenic vessels for fluids as specified in 3.1 and is not applicable to such vessels designed for toxic fluids.
prEVS 52802
Tähtaeg: 2002-07-01
Identne prEN 13530-3:2001
Cryogenic vessels - Large transportable vacuum insulated vessels - Part 3: Operational requirements
1.1 This European Standard specifies operational requirements for large transportable vacuum insulated cryogenic vessels of more than 1000 l volume. 1.2 This European Standard applies to vessels designed for cryogenic fluids specified in prEN 13530-1.

23.040.10 Malm- ja terastorud

Iron and steel pipes

KAVANDITE ARVAMUSKÜSITLUS

prEVS 30667
Tähtaeg: 2002-07-01
Identne prEN 10288:2001
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.
prEVS 38244
Tähtaeg: 2002-08-01
Identne prEN 10301:2001
Steel tubes and fittings for on and offshore pipelines - Internal coating for the reduction of friction for conveyance of non corrosive gas
This standard specifies the application requirements and methods of test of liquid applied epoxy paints to the internal surface for the reduction of friction of tubes and pipeline fittings for conveyance of non corrosive gas. Other paints or paint systems are not excluded provided they comply with the requirements given in this standard. The coating shall consist of one layer of liquid product, normally shop-applied on blast cleaned steel by airless spray or conventional spray technique. Brush application shall be used only for repairs. The applied and cured paint film shall be smooth to obtain a reduction of the friction. Unless otherwise agreed, the coating shall be suitable for operating temperatures between 20 °C and + 110 °C.In this standard the word components is used for tubes and fittings.

23.040.20 Plasttorud

Plastics pipes

UUED STANDARDID

EVS-EN ISO 6259-1:2002
Hind 75,00
Identne ISO 6259-1:1997
ja identne EN ISO 6259-1:2001
Thermoplastics pipes -. Determination of tensile properties - Part 1: General test method
This part of EN ISO 6259 specifies a methos of determining the tensile properties of thermoplastics pipes, including in particular the following properties: stress at yield point; elogation at break.

23.040.40 Metallist toruliitmikud

Metal fittings

KAVANDITE ARVAMUSKÜSITLUS

prEVS 30667
Tähtaeg: 2002-07-01
Identne prEN 10288:2001
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.

23.040.60 Äärikud, muhvid jm toruühendused

Flanges, couplings and joints

KAVANDITE ARVAMUSKÜSITLUS

prEVS 40249
Tähtaeg: 2002-07-01
Identne prEN 10311:2001
Joints for the connection of steel tubes and fittings for the conveyance of aqueous liquids including water for human consumption
This European Standard specifies a range of jointing methods for connecting steel tubes and steel tubes and fittings for use with aqueous liquids, including water for human consumption. The following specific joint types are covered by this European standard: butt welded joints, welded spigot and socket (or sleeve joints), welding collars, flange joints, threaded joints, spigot and socket joints with seal and mechanical couplings. This European Standard specifies requirements for the strength and integrity of the joints and the testing of the joints. This European Standard does not specify the requirements for the tubes or the fittings. This European Standard is not intended for use in heating networks where elevated temperature properties are required Flexible joints which permit significant angular deflection, both during and after installation and which can accept slight offset of the centre line, are not covered by this standard.

23.040.80 Vooliku- ja toruühenduste tihendid

Seals for pipe and hose assemblies

KAVANDITE ARVAMUSKÜSITLUS

prEVS 27031
Tähtaeg: 2002-07-01
Identne EN 10264-1:2002
Steel wire and wire products - Steel wire for ropes - Part 1: General requirements
This part of this European Standard defines the general requirements for wire intended for mechanical ropes. Additional requirements are given in the following parts of this standard, which are specific to each category of wire. This standard specifies - dimensional tolerances - mechanical characteristics - requirements relating to the chemical composition of the steel wire - conditions to be satisfied by any coating.
prEVS 52840
Tähtaeg: 2002-07-01
Identne EN 681-2:2000/A1:2002
Elastomeric seals - Material requirements for pipe joint seals used in water and drainage applications - Part 2: Thermoplastic elastomers
This Standard specifies requirements for materials used for moulded seals only of thermoplastic elastomers (TPE) used in joints of: 1) thermoplastic piping systems for non pressure waste water discharge (intermittent flow up to 95 degrees) inside buildings 2) thermoplastic piping systems for non pressure underground drainage and

sewerage (continuous flow up to 45 degrees C and intermittent flow up to 95 degrees C) 3)
thermoplastic rainwater piping systems.
prEVS 52842
Tähtaeg: 2002-07-01
Identne EN 681-3:2000/A1:2002
Elastomeric seals - Materials requirements for pipe joints seals used in water and drainage applications - Part 3: Cellular materials of vulcanized rubber
This standard specifies requirements for materials used in vulcanized rubber seals of cellular materials for non pessurized drainage, sewerage and rainwater systems and non-pressure non-potable water supply (continuous flow up to 45 C).
prEVS 52843
Tähtaeg: 2002-07-01
Identne EN 681-4:2000/A1:2002
Elastomeric seals - Material requirements for pipe joint seals used in water and drainage applications - Part 4: Cast polyurethane sealing elements
This standards specifies requirements for materials used in factory cast polyurethane sealing elements used in joints for drainage, sewerage and rainwater systems and non potable water supply for continuous up to 45 C.

23.060.01 Sulgeseadmed üldiselt

Valves in general

KAVANDITE ARVAMUSKÜSITLUS
prEVS 52857
Tähtaeg: 2002-07-01
Identne prEN 19:2001
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.

23.060.10 Ventiilid

Globe valves

KAVANDITE ARVAMUSKÜSITLUS
prEVS 52712
Tähtaeg: 2002-07-01
Identne ISO 16135:2001
ja identne prEN ISO 16135:2001
Industrial valves - Ball valves of thermoplastic materials
This European Standard specifies requirements and tests for ball valves of thermoplastics materials for isolating service, for control service, and to divert/mix fluids. This standard is applicable to hand or power operated valves to be installed in industrial pipe systems, irrespective of the field of application and the fluids to be conveyed. For other and/or special applications special requirements may apply.

23.060.30 Siibrid

Gate valves

KAVANDITE ARVAMUSKÜSITLUS
prEVS 52713
Tähtaeg: 2002-07-01
Identne ISO 16138:2001
ja identne prEN ISO 16138:2001
Industrial valves - Diaphragm valves of thermoplastic materials
This European Standard specifies requirements and tests for diaphragm valves of thermoplastic materials for isolating and control service. This standard is applicable to hand or power operated valves to be installed in industrial pipe systems, irrespective of the field of application and the fluids to be conveyed. For other and/or special applications special requirements may apply.
prEVS 52714
Tähtaeg: 2002-07-01
Identne ISO 16136:2001
ja identne prEN ISO 16136:2001
Industrial valves - Butterfly valves of thermoplastic materials
This European Standard specifies requirements and tests for butterfly valves of thermoplastics materials for isolating service and for control service. This standard is applicable to hand or power operated valves to be installed in industrial pipe systems, irrespective of the field of application and the fluids to be conveyed. For other and/or special applications special requirements may apply.

23.060.40 Rõhuregulaatorid

Pressure regulators

KAVANDITE ARVAMUSKÜSITLUS
prEVS 52795
Tähtaeg: 2002-07-01
Identne EN 850:1996/A1:2000
Transporditavad gaasiballoonid. Meditsiinis kasutatavad väljalaskeühenduste nõelvalikuga riivtüüpi ventiilid
This standard applies to pin-index, yoke-type valve outlet connections for medical use, up to a maximum working pressure of 250 bar at 15°C. These connections are for use with medical cylinders of water capacity below 5 L. It specifies: - basic dimension; - requirements for alternative designs of pin-index, yoke-type valve; - dimensions and positions for the holes and pins for the outlet connections for certain gases and gas mixtures.

23.060.50 Lühikese vahekerega tagasilöögiklapid

Wafer check valves

KAVANDITE ARVAMUSKÜSITLUS
prEVS 52715
Tähtaeg: 2002-07-01
Identne ISO 16137:2001
ja identne prEN ISO 16137:2001
Industrial valves - Check valves of thermoplastic materials
This European Standard specifies requirements and tests for check valves of thermoplastics materials with the function to allow the flow of liquid fluids through the valve in one direction only and to prevent backflow. This standard is applicable to check valves to be installed in industrial pipe systems, irrespective of the field of

application and the liquid fluids to be conveyed. For other and/or special applications special requirements may apply.

23.080
Pumbad

Pumps

KAVANDITE ARVAMUSKÜSITLUS

prEVS 14332
Tähtaeg: 2002-07-01
Identne ISO 5199:2002
ja identne EN ISO 5199:2002
Technical specifications for centrifugal pumps - Class II
1.1 This International Standard specifies the requirements for Class II centrifugal pumps of single-stage, multistage, horisontal or vertical construction, with any drive and any installation for general application. Pumps used in the chemical process industries (e.g. those confirming to ISO 2858) are typical of those covered by this International Standard. 1.2 This International Standard includes design features concerned with installation, maintenance and safetly for these pumps including baseplate, couplings and auxiliary piping, but it does not specify any requirements for the driver other than those related to its rated power output. 1.3 Where application of this International Standard has been called for and requires a specific design feature, alternative designs may be offered which meet the intent of this International Standard provided that the alternativeis tescribed in detail. Pumps not complying with all requirements of this International Standard may be offered for consideration provided that all deviations are stated.

23.120
Ventilaatorid. Puhurid. Kliimaseadmed

Ventilators. Fans. Air-conditioners

UUED STANDARDID

EVS-EN 13053:2002
Hind 170,00
Identne EN 13053:2001
Ventilation for building - Air handling units - Ratings amd performance for units, components and sections
This European Standard specifies requirements and testing of ratings and performance of air handling units as a whole. It also specifies requirements, classification and testing of specific components and sections of air handling units. For many components and sections it refers to component standards, but is also specifies restrictions or applications of standards developed for standalone components.

EVS-EN 12101-3:2002
Hind 190,00
Identne EN 12101-3:2002
Smoke and heat control systems - Part 3: Specification for powered smoke and heat exhaust ventilators
This part of the standard specifies requirements and gives methods for testing powered smoke and heat exhaust ventilators that are intended to be installed as part of a powered smoke and heat exhaust ventilation system.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 37146
Tähtaeg: 2002-07-01
Identne prEN 13182:2001
Ventilation for buildings - Instrumentation requirements for air velocity measurements in ventilated spaces
This 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

25.140.01
Käsitööriistad üldiselt

Hand-held tools in general

UUED STANDARDID

EVS-EN 28662-5:1999/A2:2002
Hind 49,00
Identne ISO 8662-5:1992/Amd. 1:1999
ja identne EN ISO 28662-5:1994/A2:2001
Kantavad käeshoitavad ajamiga tööriistad. Vibratsiooni mõõtmine käepidemetel . Osa 5: Sillutiselõhkurid ja ehitustöödel kasutatavad vasarad.
MUUDATUS 2
See standard esitab tüüpkatsetustel ja võrdlusotstarbel rakendatava laborimeetodi vibratsiooni mõõtmiseks käeshoitavate ajamiga sillutiselõhkurite ja ehitustöödel kasutatavate vasarate käepidemetel.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52773
Tähtaeg: 2002-07-01
Identne ISO 15774:2002
ja identne EN ISO 15774:2002
Hand-held non-electric power tools - Noise measurement code - Engineering method (grade 2)
This International Standard specifies methods for the measurement, determination and declaration of the noise emission from hand-held non-electric power tools. It prescribes the loading and working conditions under which can be determined a) the noise emission, under specified load conditions, expressed as the sound power level, and b) the emission sound pressure level at the work station under specified load conditions.

25.140.10
Pneumotööriistad

Pneumatic tools

UUED STANDARDID

EVS-EN 28662-5:1999/A2:2002
Hind 49,00
Identne ISO 8662-5:1992/Amd. 1:1999
ja identne EN ISO 28662-5:1994/A2:2001
Kantavad käeshoitavad ajamiga tööriistad. Vibratsiooni mõõtmine käepidemetel . Osa 5: Sillutiselõhkurid ja ehitustöödel kasutatavad vasarad.
MUUDATUS 2
See standard esitab tüüpkatsetustel ja võrdlusotstarbel rakendatava laborimeetodi vibratsiooni mõõtmiseks käeshoitavate ajamiga sillutiselõhkurite ja ehitustöödel kasutatavate vasarate käepidemetel.

25.160.01 Keevitus ja jootmine üldiselt

Welding, brazing and soldering in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52811
Tähtaeg: 2002-07-01
Identne prEN 1792:2002
Welding - Multilingual list of terms for welding and related processes
The following lists contain commonly used welding terms. New terms will be added on a regular basis.

25.160.10 Keevitustööd ja keevitaja kutseoskus

Welding processes

UUED STANDARDID

EVS-EN ISO 15609-2:2002
Hind 57,00
Identne ISO 15609-2:2001
ja identne EN ISO 15609-2:2001
Specification and approval of welding procedures for metallic materials - Welding procedure specification - Part 2: Gas welding
This standard specifies requirements for the content of welding procedure specifications for gas welding processes. This standard is part of a series of standards.

25.160.20 Elektroodid ja täidisemetallid

Welding consumables

UUED STANDARDID

EVS-EN ISO 6847:2002
Hind 57,00
Identne ISO 6847:2000
ja identne EN ISO 6847:2001
Welding consumables - Deposition of a weld metal pad for chemical analysis
This standard specifies the procedure to be used for deposition of a weld metal pad for chemical analysis.

EVS-EN ISO 14372:2002
Hind 57,00
Identne ISO 14372:2000
ja identne EN ISO 14372:2001
Welding consumables - Determination of moisture resistance of manual metal arc welding electrodes by measurement of diffusible hydrogen
This test method is intended to enable classification, by 24 h exposure to humid air and subsequent diffusible hydrogel testing, of manual metal arc electrode coatings as standards (ST) or moisture resistant (MR).

25.160.30 Keevitusseadmed

Welding equipment

UUED STANDARDID

EVS-EN ISO 5183-2:2002
Hind 57,00
Identne ISO 5183-2:2000
ja identne EN ISO 5183-2:2001
Kontaktpunktkeevitus. Elektroodide üleminekupuksid, pistikkoonused 1:10. Osa 2: Elektroodikorpuste paralleelne kinnitus elektroodiotsadele jõu rakendamiseks
This part of EN ISO 5183 specifies the dimensions and tolerances of resistance spot welding electrode adaptors where the fixing element for the cap (see ISO 5821) is a male taper of 1:10 and a parallel shaft is used to fix the adaptor to the electrode holder in accordance with ISO 8430-3.

25.160.40 Keevisliited

Welded joints

UUED STANDARDID

EVS-EN ISO 14270:2002
Hind 83,00
Identne ISO 14270:2000
ja identne EN ISO 14270:2001
Specimen dimensions and procedure for mechanized peel testing resistance spot, seam and embossed projection welds
This standard specifies specimen dimensions and a testing procedure for mechanised peel testing of single spot, seam and projection welds, in overlapping sheets, in any metallic material of thickness 0,5 mm to 3 mm, where the welds have a maximum diameter of 7t (where t is the sheet thickness in mm).

EVS-EN ISO 14271:2002
Hind 66,00
Identne ISO 14271:2000
ja identne EN ISO 14271:2001
Vickers hardness testing of resistance spot, projection and seam welds (low load and microhardness)
This standard specifies the procedures for the hardness testing of etched cross sections of resistance spot, projection and seam welds.

EVS-EN ISO 14272:2002
Hind 75,00
Identne ISO 14272:2000
ja identne EN ISO 14272:2001
Specimen dimensions and procedure for cross tension testing resistance spot and embossed projection welds
This standard specifies specimen dimensions and a testing procedure for the cross tension testing of spot and projection welds in overlapping sheets in any metallic material of thickness 0,5 mm to 3 mm, where the welds have a maximum diameter of 7t (where t is the sheet thicness in mm). The object of cross tension testing is to determine the tensile force that the test specimen can sustain.

EVS-EN ISO 14273:2002
Hind 75,00
Identne ISO 14273:2000
ja identne EN ISO 14273:2001
Specimen dimensions and procedure for shear testing resistance spot, seam and embossed projection welds
This standard specifies specimen dimensions and a testing procedure for shear testing of spot, seam and embossed projection welds, in overlapping sheets in any metallic material of thickness 0,5 mm to 10 mm, where the welds have a maximum diameter of 7t (where t is the sheet thicness in mm).

25.220.40 Metallpinded

Metallic coatings

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52834
Tähtaeg: 2002-07-01
Identne EN 13603:2002

Copper and copper alloys - Test methods for assessing protective tin coatings on drawn round copper wire for electrical purposes
This European Standard specifies methods for assessing the tin coating on drawn round copper wire for the manufacture of electrical conductors, e.g. according to EN 13602. Standard includes test methods for the determination of the following characteristics: a) thickness of the unalloyed tin coating; b) continuity of the tin coating; c) adherence of the tin coating.
prEVS 52849
Tähtaeg: 2002-07-01
Identne prEN 13603:2001
Copper and copper alloys - Test methods for assessing protective tin coatings on drawn round copper wire for electrical purposes
This European Standard specifies methods for assessing the tin coating on drawn round copper wire for the manufacture of electrical conductors, e.g. according to prEN 13602. Standard includes test methods for the determination of the following characteristics: a) thickness of the unalloyed tin coating; b) continuity of the tin coating; c) adherence of the tin coating.

25.220.60 Orgaanilised pinded

Organic coatings

KAVANDITE ARVAMUSKÜSITLUS

prEVS 30667
Tähtaeg: 2002-07-01
Identne prEN 10288:2001
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.
prEVS 38244
Tähtaeg: 2002-08-01
Identne prEN 10301:2001
Steel tubes and fittings for on and offshore pipelines - Internal coating for the reduction of friction for conveyance of non corrosive gas
This standard specifies the application requirements and methods of test of liquid applied epoxy paints to the internal surface for the reduction of friction of tubes and pipeline fittings for conveyance of non corrosive gas. Other paints or paint systems are not excluded provided they comply with the requirements given in this standard. The coating shall consist of one layer of liquid product, normally shop-applied on blast cleaned steel by airless spray or conventional spray technique. Brush application shall be used only for repairs. The applied and cured paint film shall be smooth to obtain a reduction of the friction. Unless otherwise agreed, the coating shall be suitable for operating temperatures between 20 °C and + 110 °C.In this standard the word components is used for tubes and fittings.

29.120.10 Elektrijuhtide paigaldustorud jms

Conduits for electrical purposes

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52866
Tähtaeg: 2002-08-01
Identne prEN 14281:2001
Plastics piping systems for buried cable ducting - Polyethylene (PE) - Specifications for pipes, fittings and the system
This European Standard specifies the requirements for pipes, fittings and the system of polyethylene (PE) solidwall piping systems intended to be used for buried cable ducting, including the installation on bridge constructions and of river crossings, for the protection of cables in the field of telecommunications and electric energy (low and high voltage) and other services. prEN 14281 is applicable to PE pipes and fittings where cables or ropes may be inserted into the piping system by air pressure. It also specifies the test parameters for the test methods referred to in this standard. For conduit systems buried underground for electrical installations EN 50086-2-4:1993 applies as well. prEN 14281 is applicable to PE pipes and fittings, their joints and to joints with components of other plastics and non-plastics materials intended to be used for buried cable ducting. This standard covers a range of nominal sizes and gives recommendations concerning colours. prEN 14281 is applicable to solid-wall PE pipes of the following types: - with plain ends; - with cylindrical socket; - with tapered push-fit socket; - with ring seal socket. Pipes having a coating for internal lubrication, a colour coating or a coating for other identification purposes are covered by this standard. Multi-layer pipes are not subject of this standard.
prEVS 52867
Tähtaeg: 2002-08-01
Identne prEN 14282:2001
Plastics piping systems for buried cable ducting - Polypropylene (PP) - Specifications for pipes, fittings and the system
This European Standard specifies the requirements for pipes, fittings and the system of polypropylene (PP) solidwall piping systems intended to be used for buried cable ducting, including the installation on bridge constructions and of river crossings, for the protection of cables in the field of telecommunications and electric energy (low and high voltage) and other services. prEN 14282 is applicable to PP pipes and fittings where cables or ropes may be inserted into the piping system by air pressure. It also specifies the test parameters for the test methods referred to in this standard. For conduit systems buried underground for electrical installations EN 50086-2-4:1994 applies, as well. prEN 14282 is applicable to PP pipes and fittings, their joints and to joints with

components of other plastics and non-plastics materials intended to be used for buried cable ducting. This standard covers a range of nominal sizes and gives recommendations concerning colours. prEN 14282 is applicable to solid-wall PP pipes of the following types: - with plain ends; - with cylindrical socket; - with integral tapered push fit socket; - with integral ring seal socket. Pipes having a coating for internal lubrication, a colour coating or a coating for other identification purposes are covered by this standard. Multi-layer pipes are not subject of this standard.
prEVS 52868
Tähtaeg: 2002-08-01
Identne prEN 14283:2001
Plastics piping systems for general purpose buried ducting - Unplasticized poly(vinyl chloride) (PVC-U) - Specifications for pipes, fittings and the system
This European Standard specifies the requirements for pipes, fittings and the system of unplasticized poly(vinyl chloride) (PVC-U) solid-wall piping systems intended to be used for general purpose buried ducting. It also specifies the test parameters for the test methods referred to in this standard. prEN 14283 is applicable to PVC-U pipes and fittings, their joints and to joints with components of other plastics and non-plastics materials intended to be used for general purpose buried ducting. This standard covers a range of nominal sizes and gives recommendations concerning colours. prEN 14283 is applicable to solid-wall PVC-U pipes of the following types: - with plain ends; - with integral or sleeve type cemented solvent cement socket; - with integral tapered push-fit socket;- with integral ring seal socket. Pipes having a coating for internal lubrication, a colour coating or a coating for other identification purposes are covered by this standard. Multi-layer pipes are not subject to this standard. The fittings are fabricated from pipes and/or mouldings. Pipes and fittings with nominal outside diameters specified in Annex A are to be tested in accordance with this standard. Pipes and fittings of PVC-U for buried cable ducting are covered by prEN 14280.
prEVS 52869
Tähtaeg: 2002-08-01
Identne prEN 14284:2001
Plastics piping systems for general purpose buried ducting - Polyethylene (PE) - Specifications for pipes, fittings and the system
This European Standard specifies the requirements for pipes, fittings and the system of polyethylene (PE) solidwallpiping systems intended to be used for general purpose buried ducting. It also specifies the test parameters for the test methods referred to in this standard. prEN 14284 is applicable to PE pipes and fittings, their joints and to joints with components of other plastics and non-plastics materials intended to be used for general purpose buried ducting. This standard covers a range of nominal sizes and gives recommendations concerning colours. prEN 14284 is applicable to solid-wall PE pipes of the following types: - with plain ends; - with cylindrical socket; - with tapered push-fit socket; - with ring seal socket. Pipes having a coating for internal lubrication, a colour coating or a coating for other identification purposes are covered by this standard. Multi-layer pipes are not subject to this standard. The fittings are fabricated from pipes and/or mouldings. Pipes and fittings with nominal outside diameters specified in Annex A are to be tested in accordance with this standard.Pipes and fittings of PE for buried cable ducting are covered by prEN 14281.

35.240.10 Arvutiprojekteerimine (CAD)

Computer-aided design (CAD)

UUED STANDARDID

EVS-EN ISO 128-21:2002
Hind 92,00
Identne ISO 128-21:1997
ja identne EN ISO 128-21:2001
Technical drawings - General principles of presentation - Part 21: Preparation of lines by CAD-systems
This part of EN ISO 128 specifies procedures for the calculation of the most important basic types of non-continuous lines according to EN ISO 128-20 and their line elements.

37.100.10 Paljundusseadmed

Reproduction equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52710
Tähtaeg: 2002-07-01
Identne prEN 1010-3:2001
Safety of machinery - Safety requirements for the design and construction of printing and paper converting machines - Part 3: Cutting machines
1.1 This European Standard applies to cutting machines used in paper converting: - guillotines;- three-knife trimmers; - index-cutting machines; - trimmers; - rotary cutters; - round cornering machines; - label punching machines. This European Standard shall be used together with prEN 1010-1:2000. Both parts together identify all significant hazards relevant to printing and varnishing machines including pre-press machinery and auxiliary devices, when they are used as intended and under the conditions foreseen by the manufacturer (see clause 4). The specific requirements specified in this European Standard take precedence over respective requirements of prEN 1010-1:2000.This European Standard is not applicable to cutting machines which are manufactured before the date of publication of this European Standard by CEN. 1.2 This European Standard does not apply to winder-slitters and sheeters (see pr EN 1034-1, EN 1034-3, prEN 1034-5).

43.040.10 Elektriseadmed

Electrical and electronic equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52690
Tähtaeg: 2002-07-01
Identne ISO 11446:1995
ja identne EN ISO 11446:2002

Passenger cars and light commercial vehicles with 12 V systems - 13-pole connectors between towing vehicles and trailers - Dimensions and contact allocation
This International Standard specifies dimensions and specific requirements for the 13-pole connector and its contact allocation to enable electrical connection between passenger cars or light commercial vehicles and their trailers equipped with 12 V systems to be made and to ensure interchangeability.

47.080
Väikelaevad

Small craft

UUED STANDARDID

EVS-EN ISO 14946:2002
Hind 57,00
Identne ISO 14946:2001
ja identne EN ISO 14946:2001
Small craft - Maximum load capacity
This standard lists items to be included in the maximum load of small craft without exceeding the limits set by other ISO standards for stability, freeboard, flotation and crew. It further sets requirements for seating of crew members.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52691
Tähtaeg: 2002-08-01
Identne ISO 14895:2000
ja identne prEN ISO 14895:2001
Small craft - Liquid-fuelled galley stoves
This International Standard specifies the design and installation of premanently installed galley stave using fuels which are liquids at atmospheric pressure an small craft of hull length up to 24 m.

49.025.10
Terased

Steels

UUED STANDARDID

EVS-EN 4328:2002
Hind 66,00
Identne EN 4328:2002
Aerospace series - Steel FE-WM1601 (X18CrWNi13-3-2) - Filler metal for welding - Wire and rod
This standard specifies the requirements relating to: Steel FE-WM1601 (X18CrWNi13-3-2) Filler metal for welding Wire and rod for aerospace applications.

49.025.15
Mitterauasulamid

Non-ferrous alloys in general

UUED STANDARDID

EVS-EN 4104:2002
Hind 66,00
Identne EN 4104:2001
Aerospace series - Nickel base alloy NI-B40002 - Filler metal for brazing; Powder or paste
This standard specifies the requirements relating to: Nickel base alloy NI-B40002 Filler metal for brazing Powder or paste for aerospace applications.

49.025.40
Kumm ja plast

Rubber and plastics

UUED STANDARDID

EVS-EN 4115:2002
Hind 75,00
Identne EN 4115:2001
Aerospace series - Cushion, rubber for clamps - Dimensions, masses
This standard specifies the requirements characteristics for rubber cushions used on clamps according to EN 3730, EN 4113, EN 4114

49.030.20
Poldid, kruvid, tikkpoldid

Bolts, screws, studs

UUED STANDARDID

EVS-EN 3270:2002
Hind 66,00
Identne EN 3270:2001
Aerospace series - Pipe coupling 8°30` in titanium alloy - Blanking plugs with lockring
This standard specifies the characteristics for blanking plugs with lockring for pipe couplings 8°30`, in titanium alloy, for aerospace applications.

49.030.30
Mutrid

Nuts

UUED STANDARDID

EVS-EN 3264:2002
Hind 66,00
Identne EN 3264:2001
Aerospace series - Pipe coupling 8°30` in titanium alloy - Thrust wire nut
This standard specifies the characteristics of thrust wire nut pipe coupling 8°30`, in titanium alloy, for aerospace applications.

EVS-EN 3266:2002
Hind 66,00
Identne EN 3266:2001
Aerospace series - Pipe coupling in titanium alloy - Bulkhead nut
This standard specifies the characteristics of bulkhead nuts for pipe couplings, in titanium alloy, for aerospace applications.

49.030.50
Seibid, lukustuselemendid

Washers and other locking elements

UUED STANDARDID

EVS-EN 3267:2002
Hind 66,00
Identne EN 3267:2001
Aerospace series - Washers, bulkhead in titanium alloy
This standard specifies the characteristics for washers, bulkhead, in titanium alloy, for aerospace applications.

EVS-EN 3696:2002
Hind 66,00
Identne EN 3696:2001
Aerospace series - Washers in heat resisting steel
This standard specifies the characteristics of washers, in heat resisting steel, for aerospace applications.

49.030.99
Muud kinnituselemendid

Other fasteners

UUED STANDARDID

EVS-EN 4113:2002
Hind 83,00
Identne EN 4113:2001

Aerospace series - Clamps, loop ("P" type) in corrosion resisting steel, passivated with rubber cushioning - Dimensions, masses
This standard specifies the requirements of loop style clamps ("P" type) in corrosion resisting steel, passivated with various cushion materials. These clamps are used for supporting aerospace pipe assemblies and electrical cable bundels.

EVS-EN 4114:2002
Hind 83,00
Identne EN 4114:2001
Aerospace series - Clamps, loop ("P" type) in aluminium alloy with rubber cushioning - Dimensions, masses
This standard specifies the requirements charateristics of loop style clamps ("P" type) in aluminium alloys with various cushion materials. These clamps are used for supporting aerospace pipe assemblies and cable bundles.

EVS-EN 4115:2002
Hind 75,00
Identne EN 4115:2001
Aerospace series - Cushion, rubber for clamps - Dimensions, masses
This standard specifies the requirements characteristics for rubber cushions used on clamps according to EN 3730, EN 4113, EN 4114

49.035
Õhusõidukite ja kosmosetehnika komponendid

Components for aerospace construction

UUED STANDARDID

EVS-EN 2130:2002
Hind 101,00
Identne EN 2130:2001
Aerospace series - Bearings, precision ball in corrosion resisting steel for instruments and equipment - Technical specification
This standard specifies the required characteristics, inspection and test methods, qualification and acceptance conditions for precision ball bearings, in corrosion resisting steel, with a nominal bore diameter < = 8 mm, used for aerospace instruments and equipment. It is applicable whenever referenced.

EVS-EN 2584:2002
Hind 75,00
Identne EN 2584:2001
Lennunduse ja kosmonautika seeria. Isemääriva kattega korrosioonikindlast terasest siledad liigendliugelaagrid. Kitsas seeria - Kõrgendatud koormused ümbritseva keskkonna temperatuuril - Mõõtmed ja koormused
Standard määrab kindlaks isemääriva kattega korrosioonikindlast terasest kitsa seeria siledate liigendliugelaagrite parameetrid kõrgendatud koormusteks ümbritseva keskkonna temperatuuril. Need laagrid on ette nähtud kasutamiseks lennukite tarindi ja juhtimismehhanismide fikseeritud ja liikuvates osades. Neid tuleb kasutada temperatuurivahemikus - 55 °C kuni +163 °C.

EVS-EN 2585:2002
Hind 75,00
Identne EN 2585:2001
Lennunduse ja kosmonautika seeria. Isemääriva kattega korrosioonikindlast terasest siledad liigendliugelaagrid. Lai seeria. Kõrgendatud koormused ümbritseva keskkonna temperatuuril. Mõõtmed ja koormused
Standard määrab kindlaks isemääriva kattega korrosioonikindlast terasest laia seeria siledate liigendliugelaagrite parameetrid kõrgendatud koormusteks ümbritseva keskkonna temperatuuril. Need laagrid on ette nähtud kasutamiseks lennukite tarindi ja juhtimismehhanismide fikseeritud ja liikuvates osades. Neid tuleb kasutada temperatuurivahemikus - 55 °C kuni +163 °C.

EVS-EN 3048:2002
Hind 75,00
Identne EN 3048:2001
Lennunduse ja kosmonautika seeria. Isemääriva kattega korrosioonikindlast terasest siledad liigendliugelaagrid. Kerge seeria. Kõrgendatud koormused ümbritseva keskkonna temperatuuril. Mõõtmed ja koormused
Standard määrab kindlaks isemääriva kattega korrosioonikindlast terasest siledate liigendliugelaagrite parameetrid, kerge seeria, kõrgendatud koormustele ümbritseva keskkonna temperatuuril. Need on ette nähtud kasutamiseks lennukite tarindi ja juhtimismehhanismide fikseeritud ja liikuvates osades. Neid tuleb kasutada temperatuurivahemikus - 55 °C kuni +163 °C.

49.060
Õhu- ja kosmosesõidukite elektriseadmed ja -süsteemid

Aerospace electric equipment and systems

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52788
Tähtaeg: 2002-07-01
Identne prEN 2591-501:2001
Aerospace series - Elements of electrical and optical connection - Test methods - Part 501: Soft solderability
This standard specifies methods of verifying the solderability of electrical male and female contacts to be soldered in elements of connection and of contacts with self-contained solder and flux not accessible to a solder iron. It shall be used together with EN 2591-100.

prEVS 52790
Tähtaeg: 2002-07-01
Identne prEN 2591-605:2001
Aerospace series - Elements of electrical and optical connection - Test methods - Part 605: Optical elements - Return loss
This standard specifies a method of measuring the return loss of optical connection elements (including permanent connections) and fibre optic couplers.It shall be used together with EN 2591-100.

prEVS 52792
Tähtaeg: 2002-07-01
Identne prEN 2591-607:2001

Aerospace series - Elements of electrical and optical connection - Test methods - Part 607: Optical elements - Immunity to ambient light coupling
This standard specifies a method of measuring the immunity of optical connection elements (including permanent connections) and fibre couplers to the coupling of power coming from an external light source. It shall be used together with EN 2591-100.
prEVS 52793
Tähtaeg: 2002-07-01
Identne prEN 2591-6321:2001
Aerospace series - Elements of electrical and optical connection - Test methods - Part 6321: Optical elements - Damp heat, cyclic test
This standard specifies a method of checking the ability of optical connection elements (including permanent connections) and fibre optic to withstand damp heat. It shall be used together with EN 2591-100.
prEVS 52794
Tähtaeg: 2002-07-01
Identne prEN 2591-6323:2001
Aerospace series - Elements of electrical and optical connection - Test methods - Part 6323: Optical elements - Thermal shock (Hermetically sealed devices)
This standard specifies a method of verifying the ability of optical connection elements, with a hermetic sealing element to sustain thermal shock. It shall be used together with EN 2591-100.

49.080
Õhu- ja kosmosesõidukite hüdrosüsteemid ja nende koostisosad

Aerospace fluid systems and components

UUED STANDARDID

EVS-EN 3083:2002
Hind 75,00
Identne EN 3083:2001
Aerospace series - Pipe coupling 8° 30' in titanium alloy - Unions, bulkhead, long welded end, for repair
This standard specifies the characteristics of unions, bulkhead, long, welded end for pipe coupling 8° 30', in titanium alloy, for aerospace applications to be used as repair couplings to replace EN 3691.

EVS-EN 3243:2002
Hind 66,00
Identne EN 3243:2001
Aerospace series - Pipe coupling 8°30` in titanium alloy - Ferrule, welded, with dynamic beam seal end
This standard specifies the characteristics of welded ferrules with dynamic beam seal end for pipe couplings 8°30` in titanium alloy, for aerospace applications.

EVS-EN 3244:2002
Hind 66,00
Identne EN 3244:2001
Aerospace series - Pipe coupling 8°30` in titanium alloy - Unions, double ended
This standard specifies the characteristics of straight unions, for pipe couplings 8°30`, in titanium alloy, for aerospace applications.

EVS-EN 3245:2002
Hind 66,00
Identne EN 3245:2001
Aerospace series - Pipe coupling 8°30` in titanium alloy - Unions, reducer
This standard specifies the characteristics of straight unions reducer, for pipe couplings 8°30`, in titanium alloy, for aerospace applications.

EVS-EN 3246:2002
Hind 66,00
Identne EN 3246:2001
Aerospace series - Pipe coupling 8°30` in titanium alloy - Unions, bulkhead
This standard specifies the characteristics of straight, bulkhead unions for pipe couplings 8°30`, in titanium alloy, for aerospace applications.

EVS-EN 3247:2002
Hind 66,00
Identne EN 3247:2001
Aerospace series - Pipe coupling 8°30` in titanium alloy - Unions, bulkhead welded end
This standard specifies the characteristics of unions, bulkhead, welded end, for pipe couplings 8°30`, in titanium alloy, for aerospace applications.

EVS-EN 3268:2002
Hind 66,00
Identne EN 3268:2001
Aerospace series - Pipe coupling 8°30` in titanium alloy - Pressure plug
This standard specifies the characteristics of pressure plugs for pipe couplings 8°30`, in titanium alloy, for aerospace applications.

EVS-EN 3269:2002
Hind 66,00
Identne EN 3269:2001
Aerospace series - Pipe coupling 8°30` in titanium alloy - Ferrules, blind, with dynamic beam seal end
This standard specifies the characteristics of ferrules with dynamic beam seal end for pipe coupling 8°30`, in titanium alloy, for aerospace applications.

EVS-EN 3272:2002
Hind 66,00
Identne EN 3272:2001
Aerospace series - Pipe coupling 8°30` - Dynamic beam seal end for ferrule, welded - Geometric configuration
This standard specifies the dimensions of the dynamic beam seal end for welded ferrules for pipe couplings 8°30`, nominal pressure up to 28 000 kPa, for aerospace applications.

EVS-EN 3273:2002
Hind 66,00
Identne EN 3273:2001
Aerospace series - Pipe coupling 8°30` - Dynamic beam seal end for elbows, tees and crosses - Geometric configuration
This standard specifies the dimensions of the dynamic beam seal end for elbows, tees and crosses for pipe couplings 8°30`, nominal pressure up to 28 000 kPa, for aerospace applications.

EVS-EN 3274:2002
Hind 83,00
Identne EN 3274:2001
Aerospace series - Pipe coupling 8°30` - Thread - Geometric configurations
This standard specifies the characteristics of the thread ebd for 8°30` pipe couplings, nominal pressure up to 28 000 kPa, for aerospace applications.

EVS-EN 3561:2002
Hind 66,00
Identne EN 3561:2001

Aerospace series - Pipe coupling 8°30' in titanium alloy - Ferrules with dynamic beam seal end, welded and reduced at pipe end
This standard specifies the characteristics for ferrules with a dynamic beam seal end, welded and reduced at pipe end for pipe couplings 8°30', in titanium alloy, for aerospace applications.

EVS-EN 3566:2002
Hind 66,00
Identne EN 3566:2001
Aerospace series - Pipe coupling 8°30' in titanium alloy - Adaptors with lockring
This standard specifies the characteristics for adaptors, with lockring, for pipe couplings 8°30', in titanium alloy, for installing in a boss for aerospace applications.

EVS-EN 3663:2002
Hind 75,00
Identne EN 3663:2001
Aerospace series - Pipe coupling - O-rings in rubber NBR, 75 IRHD; Temperature range: - 55 °C to 135 °C
This standard specifies the charateristics for O-rings in rubber NBR, 75 IRHD, according to MIL-P-83461, for aerospace applications.

EVS-EN 3688:2002
Hind 66,00
Identne EN 3688:2001
Aerospace series - T-ring fillers in titanium alloy for welding pipes - 14000 kPA nominal pressure
This standard spevifies the charateristics for T-ring fillers in titanium alloy for welding pipes, for aerospace applications.

EVS-EN 3689:2002
Hind 66,00
Identne EN 3689:2001
Aerospace series - T-ring fillers in titanium alloy for welding pipes - 28000 kPA nominal pressure
This standard specifies the charateristics for T-ring fillers in titanium alloy for welding pipes, for aerospace applications.

EVS-EN 3690:2002
Hind 66,00
Identne EN 3690:2001
Aerospace series - Pipe coupling 8°30' in titanium alloy - Unions, bulkhead, long
This standard specifies the charateristics for bulkhead unions for pipe couplings 8°30', in titanium alloy, for aerospace applications.

EVS-EN 3691:2002
Hind 66,00
Identne EN 3691:2001
Aerospace series - Pipe coupling 8°30' in titanium alloy - Unions, bulkhead, long welded
This standard specifies the charateristics of unions, bulkhead, long, welded end for pipe couplings 8°30', in titanium alloy, for aerospace applications.

EVS-EN 3730:2002
Hind 92,00
Identne EN 3730:2001
Aerospace series - Clamps, saddle fixed and sliding version in aluminium alloy with rubber cushioning - Dimensions, masses
This standard specifies the required characteristics of saddle clamps in aluminium alloy with various cushion materials.

EVS-EN 3788:2002
Hind 66,00
Identne EN 3788:2001
Aerospace series - Pipe coupling 8°30' - Protective caps
This standard specifies the characteristics for protective caps for pipe couplings 8°30', used to protect metric pipe ends during transportation and storage, for aerospace applications. The caps shall be pushed on/off the tube ends.

EVS-EN 3789:2002
Hind 66,00
Identne EN 3789:2001
Aerospace series - Pipe coupling 8°30' - Protective plugs with external threads
This standard specifies the characteristics for plastic plugs for pipe couplings 8°30' used to protect the couplings during transportation, storage and removal of units in system, for aerospace applications. The plugs incorporate an external thread for screwing on to the threaded portion of a pipe coupling.

EVS-EN 3790:2002
Hind 57,00
Identne EN 3790:2001
Aerospace series - Pipe coupling 8°30' - Protective caps with internal threads
This standard specifies the charateristics for plastic caps for pipe couplings 8°30' used to protect the couplings during transportation, storage and removal of units in system, for aerospace applications. The caps incorporate an internal thread for screwing on to the threaded portion of a pipe coupling.

EVS-EN 3842:2002
Hind 66,00
Identne EN 3842:2001
Aerospace series - Circular tubes for fluids in corrosion resistant steel - Diameter 3, 2 mm <= D <= 100 mm - Thickness 0, 32 mm < a <= 2, 5 mm; Dimensions
This standard specifies the dimensions and tolerancec of: EN metallic material standards for aerospace applications. The general organization of this series is described in EN 4258.

EVS-EN 4017:2002
Hind 66,00
Identne EN 4017:2001
Aerospace series - Pipe coupling 8°30' in titanium alloy - Elbows 90°
This standard specifies the characteristics of elbows 90°, for pipe couplings 8°30', in titanium alloy, for aerospace applications.

EVS-EN 4019:2002
Hind 66,00
Identne EN 4019:2001
Aerospace series - Pipe coupling 8°30' in titanium alloy - Elbows 90° welded end
This standard specifies the characteristics of elbows 90°, welded end, for pipes coupling 8°30', in titanium alloy, for aerospace applications.

EVS-EN 4020:2002
Hind 66,00
Identne EN 4020:2001
Aerospace series - Pipe coupling 8°30' in titanium alloy - Elbows 90°, welded end with thrust wire nut
This standard specifies the characteristics of elbows 90°, welded end, with thrust wire nut, for pipe couplings 8°30', in titanium alloy, for aerospace applications.

EVS-EN 4021:2002
Hind 66,00
Identne EN 4021:2001

Aerospace series - Pipe coupling 8°30' in titanium alloy - Elbows 90°, bulkhead
This standard specifies the characteristics of elbows 90°, bulkhead, for pipe coupling 8°30', in titanium alloy, for aerospace applications.

EVS-EN 4022:2002
Hind 66,00
Identne EN 4022:2001
Aerospace series - Pipe coupling 8°30' in titanium alloy - Elbows 90°, bulkhead, welded end
This standard specifies the characteristics of elbows 90°, bulkhead, welded end, for pipe couplings 8°30', in titanium alloy, for aerospace applications.

EVS-EN 4023:2002
Hind 66,00
Identne EN 4023:2001
Aerospace series - Pipe coupling 8°30' in titanium alloy - Elbows 45°
This standard specifies the characteristics of elbows 45°, for pipe couplings 8°30', in titanium alloy, for aerospace applications.

EVS-EN 4024:2002
Hind 66,00
Identne EN 4024:2001
Aerospace series - Pipe coupling 8°30' in titanium alloy - Elbows 45° welded end with thrust wire nut
This standard specifies the characteristics of elbows 45°, welded end, with thrust wire nut, for pipe couplings 8°30', in titanium alloy, for aerospace applications.

EVS-EN 4025:2002
Hind 66,00
Identne EN 4025:2001
Aerospace series - Pipe coupling 8°30' in titanium alloy - Elbows 45°, bulkhead
This standard specifies the characteristics of elbows 45°, bulkhead, for pipe coupling 8°30', in titanium alloy, for aerospace applications.

EVS-EN 4026:2002
Hind 66,00
Identne EN 4026:2001
Aerospace series - Pipe coupling 8°30' in titanium alloy - Tees
This standard specifies the characteristics of tees, for pipe coupling 8°30', in titanium alloy, for aerospace applications.

EVS-EN 4027:2002
Hind 66,00
Identne EN 4027:2001
Aerospace series - Pipe coupling 8°30' in titanium alloy - Tees branch with thrust wire nut
This standard specifies the charateristics of tees, branch, whith thrust wire nut, for pipe coupling 8°30', in titanium alloy, for aerospace applications.

EVS-EN 4028:2002
Hind 66,00
Identne EN 4028:2001
Aerospace series - Pipe coupling 8°30' in titanium alloy - Tees with thrust wire nut on run
This standard specifies the charateristics of tees, with thrust wire nut on run, for pipe coupling 8°30', in titanium alloy, for aerospace applications.

EVS-EN 4029:2002
Hind 66,00
Identne EN 4029:2001
Aerospace series - Pipe coupling 8°30' in titanium alloy - Tees bulkhead branch
This standard specifies the charateristics of tees, bukhead branch, for pipe coupling 8°30', in titanium alloy, for aerospace applications.

EVS-EN 4030:2002
Hind 66,00
Identne EN 4030:2001
Aerospace series - Pipe coupling 8°30 in titanium alloy - Tees bulkhead on run
This standard specifies the charateristics of tees, bulkhead on run, for pipe coupling 8°30', in titanium alloy, for aerospace applications.

EVS-EN 4031:2002
Hind 66,00
Identne EN 4031:2001
Aerospace series - Pipe coupling 8°30 in titanium alloy - Nut for welded ferrule
This standard specifies the characteristics of nuts for welded ferrules, for pipe coupling 8°30'. In titanium alloy, for aerospace applications.

EVS-EN 4032:2002
Hind 66,00
Identne EN 4032:2001
Aerospace series - Pipe coupling 8°30' in titanium alloy - Thrust wire
This standard specifies the charateristics of thrust wires for attaching thrust wire nuts onto tees and elbows for pipe couplings 8°30', for aerospace applications.

EVS-EN 4045:2002
Hind 66,00
Identne EN 4045:2001
Aerospace series - Capillary tubes, seamless in heat resisting alloys - Diameter 0, 6 mm <= D <= 2 mm; Dimensions
This standard specifies the dimensions and tolerances of: Capillary tubes, seamless in heart resisting alloys Diameter 0,6 mm <= D <= 2 mm for aerospace applications.

EVS-EN 4182:2002
Hind 75,00
Identne EN 4182:2001
Aerospace series - Pipe coupling 8°30` in titanium alloy - Tees, reduced
This standard specifies the characteristics of tees, reduced, for pipe couplings 8°30`, in titanium alloy, for aerospace applications.

EVS-EN 4183:2002
Hind 66,00
Identne EN 4183:2001
Aerospace series - Pipe coupling 8°30` in titanium alloy - Elbows 90° welded ends
This standard specifies the characteristics of elbows 90°, welded ends, for pipe couplings 8°30`, in titanium alloy, for aerospace applications.

EVS-EN 4184:2002
Hind 66,00
Identne EN 4184:2001
Aerospace series - Pipe coupling 8°30` in titanium alloy - Elbows 45° double, welded ends
This standard specifies the characteristics of elbows 45°, welded ends, for pipe couplings 8°30`, in titanium alloy, for aerospace applications.

EVS-EN 4185:2002
Hind 66,00
Identne EN 4185:2001
Aerospace series - Pipe coupling 8°30` in titanium alloy - Tees, bulkhead on run long
This standard specifies the characteristics of tees, bulkhead on run long for pipe couplings 8°30` in titanium alloy, for aerospace applications.

EVS-EN 4186:2002
Hind 66,00

Identne EN 4186:2001
Aerospace series - Pipe coupling 8°30` in titanium alloy - Unions, cross
This standard specifies the characteristics of unions, cross, for pipe couplings 8°30`, in titanium alloy, for aerospace applications.

49.140 Kosmosesüsteemid ja nende kasutamine

Space systems and operations

UUED STANDARDID

EVS-EN 14097:2002
Hind 139,00
Identne EN 14097:2001
Space product assurance - Nonconformance control system
This European Standard defines the control system for nonconformances related to any aspect of a space project, including EEE component nonconformances, software problems, operational nonconformances and anomalies.

EVS-EN 14098:2002
Hind 92,00
Identne EN 14098:2001
Space product assurance - Thermal cycling test for the screening of space materials and processes
This European Standard details a thermal cycling test under vacum for the screening of materials and processes intended for use in the fabrication of spacecraft and associated equipment.

EVS-EN 14099:2002
Hind 109,00
Identne EN 14099:2001
Space product assurance - Measurement of the peel and pull-off strength of coating and finishes using pressure-sensitive tapes
This European Standard details a test in which pressure-sensitive tapes are used to assess the suitability of, for example, coatings, paints, films and other thin materials, proposed for use on spacecraft and associated equipment.

EVS-EN 14100:2002
Hind 109,00
Identne EN 14100:2001
Space product assurance - The determination of offgassing products from materials and assembled articles to be used in a manned space vehicle crew compartment
This European Standard defines a test procedure for the determination of the release of trace contaminants by non-metallic materials under a set of closely controlled conditions. The test procedure covers both individual materials and assembled articles.

EVS-EN 14101:2002
Hind 139,00
Identne EN 14101:2001
Space product assurance - Material selection for controlling stress-corrosion cracking
This European Standard sets forth the criteria to be used in the selection of materials for spacecraft and associated equipment and facilities sa that failure resulting from stress-corrosion is prevented.

53.020.30 Tõsteseadmete abivahendid

Accessories for lifting equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 37161
Tähtaeg: 2002-07-01
Identne prEN 13155:2001
Cranes-Safety - Non-fixed load lifting attachments
This European Standard specifies safety requirements for the following non-fixed load lifting attachments (called attachment in the rest of the standard) for cranes, hoists and manually controlled load manipulating devices (called cranes in the rest of the standard): Plate clamps; Vacuum lifters; a) Self priming; b) Non-self priming (pump, venturi, turbine); Electric lifting magnets (battery fed and main-fed); Permanent lifting magnets; Electro-permanent lifting magnets; Lifting beams; C-hooks; Lifting forks; Clamps (Tongs); defined in clause 3. This standard does not specify the additional requirements for : - non fixed load lifting attachment in direct contact with food stuffs or pharmaceuticals requiring a high level of cleanliness for hygiene reasons; - hazards resulting from handling specific hazardous materials (e.g. explosives, hot molten masses, radiating materials); - hazards caused by operation in an explosive atmosphere; - hazards caused by noise; - electrical hazards; - hazards due to hydraulic and pneumatic components. This standard does not covers the hazards related to mechanical strength of structural elements of attachments designed for more than 20 000 lifting cycles.

53.060 Tööstuslikud mootorkärud

Industrial trucks

UUED STANDARDID

EVS-EN 13490:2002
Hind 130,00
Identne EN 13490:2001
Mechanical vibration - Industrial trucks - Laboratory evaluation and specification of operator seat vibration
This European Standard is applicable to operator seats used on industrial trucks as defined in ISO 5053 irrespective of power supply, type of equipment, lifting mechanism and tyres. It also applies to seats for other trucks not covered by ISO 5053, e.g. variable-reach trucks and low-lift order picking trucks.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 35808
Tähtaeg: 2002-07-01
Identne prEN 13059:2001
Safety of industrial trucks - Test methods for measuring vibration
This 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.

55.100
Pudelid. Potid. Purgid

Bottles. Pots. Jars

KAVANDITE ARVAMUSKÜSITLUS

prEVS 16373
Tähtaeg: 2002-07-01
Identne ISO/DIS 8113:2001
ja identne prEN ISO 8113:2001
Glass containers - Resistance to vertical load - Test method
This European Standard specifies a method of inspection and determination of the resistance of glass containers to external force in the direction of the vertical axis. The pass tests are intended especially for containers the resistance of which is specified.
prEVS 52739
Tähtaeg: 2002-07-01
Identne ISO/DIS 8106:2001
ja identne prEN ISO 8106:2001
Glass containers - Determination of capacity by gravimetric method - Test method
This European standard specifies a gravimetric method for determining the brimful and filling level capacities of glass containers and for determining their compliance with specification limits.
prEVS 52741
Tähtaeg: 2002-07-01
Identne ISO/DIS 7458:2001
ja identne prEN ISO 7458:2001
Glass containers - Internal pressure resistance - Test methods
This European Standard specifies two test methods for the determination of the internal pressure resistance of glass containers, Method A by application of uniform internal pressure for a predetermined period and Method B by application of internal pressure increasing at a predetermined constant rate.
prEVS 52748
Tähtaeg: 2002-07-01
Identne ISO/DIS 7459:2001
ja identne prEN ISO 7459:2001
Glass containers - Thermal shock resistance and thermal shock endurance - Test methods
This European Standard specifies test methods for determining the thermal shock resistance and thermal shock endurance of glass containers. This European Standard applies to containers made from soda-lime-silica glass. This European Standard does not apply to the determination of those properties of laboratory glassware not made from soda-lime-silica glass nor items of laboratory glassware which are not containers (see ISO 718).

55.180.20
Üldotstarbelised kaubaalused

General purpose pallets

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52726
Tähtaeg: 2002-07-01
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.
prEVS 52800
Tähtaeg: 2002-07-01
Identne prEN 13545:2001
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.

59.040
Tekstiilitööstuse abimaterjalid

Textile auxiliary materials

UUED STANDARDID

EVS-EN 13536:2002
Hind 75,00
Identne EN 13536:2001
Manufactured articles filled with feather and down - Requirements for clothing - Light use
This standard specifies the characteristics for textile fabrics (outer shell, filling shell, lining) and filling of clothing (light use purposes) solely filled with feather and/or down.

EVS-EN 13542:2002
Hind 83,00
Identne EN 13542:2001
Manufactured articles filled with feather and down - Method for determining the compressibility index of clothing
This European Standard specifies a method to determine the compressibility index of clothing filled solely with feathers and/or downs.

EVS-EN 13543:2002
Hind 66,00
Identne EN 13543:2001
Manufactured articles filled with feather and down - Measurement of water absorption of filling material
This European standard describes a method to determine the absorption of water of a filling of feathers and downs. The absorption of water is defined by the capacity and the time of absorption.

59.080.70
Geotekstiil

Geotextiles

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52716
Tähtaeg: 2002-07-01
Identne prEN 14196:2001
Geosynthetics - Test methods for measuring mass per unit area of clay geosynthetic barriers
This method covers the laboratory determination of the mass per unit area of a sample of clay geosynthetic barrier (CGB) as received. The mass of the clay component can be found by subtracting the manufacturer's reported mass of the geosynthetic component(s) from the total mass of the CGB. Since manufacturers quote mass per unit area at a given moisture content, it is also

necessary to measure the moisture content.This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

59.100.01
Sarrusmaterjalid üldiselt

Materials for the reinforcement of composites in general

UUED STANDARDID

EVS-EN 13417-1:2002
Hind 75,00
Identne EN 13417-1:2001
Reinforcement - Specifications for woven fabrics - Part 1: Designation
This part of EN 13417 establishes a method of designation for woven fabrics which may be used as a basis for specifications of fabrics used for the reinforcement of plastics. This designation system applies to fabrics made from para-aramid, carbon, glass, polyethylene, polyester and ceramic fibre in the form of single yarns, plied yarns, cabled yarns, textured yarns, rovings, tows etc. and which are intended to provide reinforcement in plastic composite materials.

EVS-EN 13417-2:2002
Hind 75,00
Identne EN 13417-2:2001
Reinforcement - Specifications for woven fabrics - Part 2: Methods of test and general requirements
This part 2 of EN 13417 defines the test methods to be used to determine the designated and specified properties given in Parts 1 & 3 respectively. This part 2 og EN 13417 defines the general requirements applicable to the specification of all types of woven fabrics falling within the scope of this specification as defined in Part 1 of the standard.

EVS-EN 13417-3:2002
Hind 92,00
Identne EN 13417-3:2001
Reinforcement - Specifications for woven fabrics - Part 3: Specific requirements
This part 3 of ENxxxx a specifikation for woven fabrics made from continuous filament reinforcement yarns, tows and rovings, which may be used as the basis for specifications. the specification defines those parameters which shall be specified plus other parameters which may be specified if required for a particular application or processing method.

61.020
Rõivad

Clothes

UUED STANDARDID

EVS-EN 13536:2002
Hind 75,00
Identne EN 13536:2001
Manufactured articles filled with feather and down - Requirements for clothing - Light use
This standard specifies the characteristics for textile fabrics (outer shell, filling shell, lining) and filling of clothing (light use purposes) solely filled with feather and/or down.

EVS-EN 13542:2002
Hind 83,00
Identne EN 13542:2001
Manufactured articles filled with feather and down - Method for determining the compressibility index of clothing
This European Standard specifies a method to determine the compressibility index of clothing filled solely with feathers and/or downs.

65.080
Väetised

Fertilizers

UUED STANDARDID

EVS-EN 13266:2002
Hind 92,00
Identne EN 13266:2001
Slow-release fertilizers - Determination of the release of the nutrients - Method for coated fertilizers
This European Standard specifies a method of the determination of the slow release properties of nutrients from coated fertilizers. pH-dependent hydrolysis and degradation by biological or microbial mechanisms are excluded. The specified method is only applicable to products releasing any nutrients by means of a non-biological process (i.e. those where the nutrientsare released by a physical mechanism). Microbial attack on the coating (e.g. sulfur coated fertilizers) and the consequences thereof are not measurable by the technique described.

EVS-EN 13466-1:2002
Hind 83,00
Identne EN 13466-1:2001
Fertilizers - Determination of water content - (Karl Fischer methods) - Part 1: Methanol as extracting medium
This standard specifies a Karl Fischers titrimetric method for the determination of the water content of fertilizers based on the use of methanol as extracting medium.

EVS-EN 13466-2:2002
Hind 83,00
Identne EN 13466-2:2001
Fertilizers - Determination of water content (Karl Fischer methods) - Part 2: 2-propanol as extracting medium
This standard specifies a Karl Fischer titrimetric method for the determination of the water content of fertilizers based on the use of 2-propanol as extracting medium.

65.120
Loomasööt

Animal feeding stuffs

UUED STANDARDID

EVS-EN ISO 14902:2002
Hind 92,00
Identne ISO 14902:2001
ja identne EN ISO 14902:2001
Animal feeding stuffs - Determination of trypsin inhibitor activity of soya products
This standard specifies a method for the determination ofthe trypsin inhibitor activity (TIA) of soya products. This trypsin inhibitor activity is indicative of the degree of toasting of these products. The detection limit of the method is 0,5 mg/g.

67.050
Üldised toidu katse- ja analüüsimeetodid

General methods of tests and analysis for food products

UUED STANDARDID

EVS-EN 1788:2002
Hind 117,00
Identne EN 1788:2001
Toiduained.
Termoluminestsentsmeetodil sellise kiiritatud toiduaine väljaselgitamine, millest saab silikaatseid mineraale eraldada.
See Euroopa standard määrab kindlaks meetodi kiirgusega töödeldud toiduaine väljaselgitamiseks reostunud silikaatsete mineraalide termoluminestsentsanalüüsiga. Meetodit rakendatakse nende toiduainete korral, millest on võimalik küllaldases koguses silikaatseid mineraale eraldada.

EVS-EN 13708:2002
Hind 83,00
Identne EN 13708:2001
Foodstuffs - Detection of irradiated food containing crystalline sugar by ESR spectroscopy
This European Standard specifies a method for the detection of foods containing crystalline sugars which have been treated with ionizing radiation, by analysing the election spin resonance (ESR) spectrum, also called electron paramagnetic resonance (EPR) spectrum, of the food.

67.060
Teravili ja kaunvili ning nendest valmistatud tooted

Cereals, pulses and derived products

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52747
Tähtaeg: 2002-07-01
Identne ISO 7305:1998
Jahvatatud teraviljasaadused. Rasva happesuse määramine.
This International Standard speifies a method for the determination of the "fat acidity" of milled cereal products. It is applicable to flours and semolinas obtained from wheat and durum wheat, and also to pasta. NOTE. This method appears to be applicable also to grains, to flours and semolinas obtained from maize, and to rye flour and oat flakes, but a further interlaboratory test is necessary before confirming this extension of the field of application.

67.180.20
Tärklis ja selle saadused

Starch and derived products

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52772
Tähtaeg: 2002-07-01
Identne ISO 11543:2000
ja identne EN ISO 11543:2002
Modified starch - Determination of hydroxypropyl content - Method using proton nuclear magnetic resonance (NMR) spectrometry
This International Standard specifies a protan NMR spectrometric method for the determination of the hydroxypropyl content of granular modified starch.

67.200.10
Loomsed ja taimsed rasvad ja õlid

Animal and vegetable fats and oils

UUED STANDARDID

EVS-EN ISO 663:2002
Hind 75,00
Identne ISO 663:2000
ja identne EN ISO 663:2001
Loomsed ja taimsed rasvad ja õlid. Lahustumatute lisandite sisalduse määramine
See rahvusvaheline standard esitab meetodi lahustumatute lisandite sisalduse määramiseks loomsetes ja taimsetes rasvades.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 37697
Tähtaeg: 2002-07-01
Identne ISO15304:2002
ja identne EN ISO 15304:2002
Animal and vegetable fats and oils - Determination of the content of trans fatty acid isomers of vegetable fats and oils - Gas chromatographic method
This standard specifies a gas chromatographic method using capillary columns for the determination of the content of trans fatty acid isomers of vegetable oils and fats. The method is specially designed to evaluate, by a single capillary gas chromatographic (GC) procedure, the level of trans isomers as formed during (high temperature) refining, or during hydrogenation of vegetable oils or fats.
prEVS 52769
Tähtaeg: 2002-07-01
Identne ISO 3656:2002
ja identne EN ISO 3656:2002
Animal and vegetable fats and oils - Determination of ultraviolet absorbance expressed as specific UV extinction
This International Standard specifies amethod for the determination of the absorbance at ultraviolet wavelengths of animal and vegetable fats and oils.
prEVS 52770
Tähtaeg: 2002-07-01
Identne ISO 10539:2002
ja identne EN ISO 10539:2002
Animal and vegetable fats and oils - Determination of alkalinity
This International Standard specifies a method for the determination of the alkalinity of animal and vegetable fats and oils without distinguishing between the various constituents. The method is not applicable to dry melted animal fats, nor to oils and fats with an acidity greater than 60 % (mas fraction) as determined in accordance with ISO 660.

67.250
Toiduga kokkupuutuvad materjalid ja esemed

Materials and articles in contact with foodstuffs

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52764
Tähtaeg: 2002-07-01
Identne prEN 1186-15:2001

Materials and articles in contact with foodstuffs - Plastics - Part 15 : Alternative test methods to migration into fatty food simulants by rapid extraction into iso-octane and/or 95% ethanol
This European Standard specifies two alternative test methods, in the sense of an extraction test with a more severe' test character, for the assessment of the overall migration into fatty food simulants.Method A is based on the determination of the extraction of migrateable substances from plastics which are intended to come into contact with foodstuffs, by total immersion in non-polar, iso-octane, and/or polar, ethanol, solvents depending on the polarity of the packaging material. According to results obtained by this method (see [1],[2],[3],[4],[5],) and taking physio-chemical considerations into account, the obtained extraction efficiency has, generally, been found to be equivalent to or higher than overall migration results obtained under the test conditions, 10 days at 40 °C, 2 h at 70 °C, 1 h at 100 °C, 30 min at 121 °C and 30 min at 130 °C. To ensure as complete as possible extraction of the potential migrants, a strong interaction, e.g. swelling, of the sample by the extraction solvent is necessary. For this purpose, iso-octane is used as an extraction solvent for plastics materials and articles containing non polar food contact layers, such as polyolefins. For test samples made from polar food contact plastics such as polyamide and polyethylene terephthalate, 95 % (v/v) aqueous ethanol is used.

71.020
Tootmine keemiatööstuses

Production in the chemical industry

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52783
Tähtaeg: 2002-07-01
Identne prEN 14429:2002
Characterization of waste - Leaching behaviour tests - Influence of pH on leaching with initial acid/base addition
This European standard is applicable to determine the influence of pH on the leachability of inorganic constituents from a waste material. Equilibrium condition as defined in the standard is established by addition of pre-determined amounts of acid or base to reach desired end pH values. This test method produces eluates, which are subsequently characterized physically and chemically. This standard is a parameter specific test as specified in ENV 12920 The application of this test method alone is not sufficient for the determination of the detailed leaching behaviour of a waste under specified conditions.

71.100.30
Lõhkeained. Pürotehnika

Explosives. Pyrotechnics

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52812
Tähtaeg: 2002-07-01
Identne prEN 13631-2:2002
Explosives for civil uses - High explosives - Part 2: Determination of thermal stability of explosives
This European Standard specifies a method to assess the stability of explosives by subjecting them to elevated thermal conditions.
prEVS 52813
Tähtaeg: 2002-07-01
Identne prEN 13631-4:2002
Explosives for civil uses - High explosives - Part 4: Determination of sensitiveness to impact of explosives
This European Standard specifies a method for determining the sensitiveness to impact of explosives.
prEVS 52814
Tähtaeg: 2002-07-01
Identne prEN 13631-5:2002
Explosives for civil uses - High explosives - Part 5: Determination of resistance to water
This European Standard specifies a method of determining the resistance to water of cartridged or bulk high explosives for civil uses which are designed to be used for blasting operations in wet conditions.
prEVS 52815
Tähtaeg: 2002-07-01
Identne prEN 13630-2:2002
Explosives for civil uses - Detonating cords and safety fuses - Part 2: Determination of thermal stability of detonating cords and safety fuses
This European Standard specifies a method of determining the thermal stability of detonating cords and safety fuses for civil uses by subjecting them to an elevated temperature.
prEVS 52816
Tähtaeg: 2002-07-01
Identne prEN 13630-3:2002
Explosives for civil uses - Detonating cords and safety fuses - Part 3: Determination of sensitiveness to friction of the core of detonating cords
This European Standard specifies a method of determining the sensitiveness to friction of the core of flexible plastics-coated detonating cords, and flexible fibrous-overbraided detonating cords for civil uses.
prEVS 52817
Tähtaeg: 2002-07-01
Identne prEN 13630-4:2002
Explosives for civil uses - Detonating cords and safety fuses - Part 4: Determination of sensitiveness to impact of detonating cords
This European Standard specifies a method for determining the sensitiveness to impact of flexible, plastic coated detonating cords, and flexible fibrous-overbraided detonating cords for civil uses, for an impact stress up to 10 joules.
prEVS 52818
Tähtaeg: 2002-07-01
Identne prEN 13630-7:2002
Explosives for civil uses - Detonating cords and safety fuses - Part 7: Determination of reliability of initiation of detonating cords
This European standard specifies a method for determining the reliability of initiation of flexible plastic-coated detonating cords and flexible fibrous-overbraided detonating cords for civil uses, by a detonator of defined initiating capability.
prEVS 52819
Tähtaeg: 2002-07-01
Identne prEN 13630-8:2002

Explosives for civil uses - Detonating cords and safety fuses - Part 8: Determination of resistance to water of detonating cords and safety fuses
This European Standard specifies a method for determining the resistance to water of flexible plastic-coated detonating cords, flexible fibrous-overbraided detonating cords and water resistant safety fuses.
prEVS 52821
Tähtaeg: 2002-07-01
Identne prEN 13630-11:2002
Explosives for civil uses - Detonating cords and safety fuses - Part 11: Determination of velocity of detonation of detonating cords
This European Standard specifies a method for determining the velocity of detonation of detonating cords.
prEVS 52822
Tähtaeg: 2002-07-01
Identne prEN 13630-12:2002
Explosives for civil uses - Detonating cords and safety fuses - Part 12: Determination of burning duration of safety fuses
This European Standard specifies methods for determining the burning duration of safety fuses.

71.100.40
Pindaktiivsed ained

Surface active agents

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52736
Tähtaeg: 2002-07-01
Identne EN 12836:2002
Surface active agents - Determination of the water number of alkoxylated products
This European Standard specifies the determination of the water number of ethoxylated products up to about 70 % ethylene oxide. EO/PO block polymers with water numbers higher than about 23 become hard to interpret.

73.020
Mäendus

Mining and quarrying

UUED STANDARDID

EVS-EN 12371:2002
Hind 101,00
Identne EN 12371:2001
Natural stone test methods - Determination of frost resistance
The European Standard specifies a method to assess the effect of freeze/thaw cycles on natural stones - refer to prEN 12670 for terminology, and EN 12440 for denomination.

EVS-EN 13161:2002
Hind 101,00
Identne EN 13161:2001
Natural stone test methods - Determination of flexural strength under constant moment
This European Standard specifies the method to determine the flexural strength of natural stones under constant moment. The standard contains provision for both an identification test and for a technological test.

73.100.10
Toestik

Tunnelling and tubbing equipment

UUED STANDARDID

EVS-EN 1804-1:2002
Hind 170,00
Identne EN 1804-1:2001
Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 1: Support units and general requirements
This standard specifies the safety requirements for support units when used as specified by the manufacturer or his authorised representative. Examples of support units are frame supports, chock supports, shield supports, paired frames and push-pull supports systems including the components of advancing and anchoring devices which provide support functions.

EVS-EN 1804-2:2002
Hind 170,00
Identne EN 1804-2:2001
Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 2: Power set legs and rams
This standard specifies the safety requirements for legs and rams when used as specified by the manufacturer or his representative. Examples covered by the standard include legs, support rams and rams with their mechanical extensions, internal valves and safety devices, seals, hydraulic connections and their lifting points but excluding protective pipes and gaiters, external valves and hydraulic and electrohydraulic control systems.

75.060
Maagaas

Natural gas

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52689
Tähtaeg: 2002-07-01
Identne ISO 6974-2:2001
ja identne EN ISO 6974-2:2002
Natural gas - Determination of composition with defined uncertainty by gas chromatography - Part 2: Measuring-system characteristics and statistics for processing of data
This part of ISO 6974 describes the data processing for the tailored analysis of natural gas. It includes the determination of the measuring system characteristics and the statistical approach to data handling and error calculation with the aim of defining the uncertainty in the mole fractions of the component measured.

75.120
Hüdrosüsteemide töövedelikud

Hydraulic fluids

UUED STANDARDID

EVS-EN ISO 6743-4:2002
Hind 49,00
Identne ISO 6743-4:1999
ja identne EN ISO 6743-4:2001
Lubricants, industrial oils and related products (class L) - Classification - Part 4: Family H (Hydraulic systems)
This part of EN ISO 6743 establishes the detailed classification of fluids of family H (Hydraulic system) which belong to class L (Lubricants, industrial oils and related products).

75.140
Vahad, bituuumsed materjalid jm naftatooted

Waxes, bituminous materials and other petroleum products

KAVANDITE ARVAMUSKÜSITLUS

prEVS 33540
Tähtaeg: 2002-07-01
Identne prEN 12850:2001
Bitumen and bituminous binders - Determination of the pH value of bitumen emulsions
This European Standard specifies a method for measuring the pH value of bitumen emulsions. It is applicable to anionic, cationic and non-ionic bitumen emulsions.

prEVS 33541
Tähtaeg: 2002-07-01
Identne prEN 12846:2001
Bitumen and bituminous binders - Determination of efflux time of bitumen emulsions by the efflux viscometer
This European Standard specifies a method for the determination of the efflux time of bitumen emulsions.

prEVS 33542
Tähtaeg: 2002-07-01
Identne prEN 12848:2001
Bitumen and bituminous binders - Determination of mixing stability with cement of bitumen emulsions
This European Standard specifies a method for the determination of mixing stability of bitumen emulsions with cement. It applies to overstabilized cationic bitumen emulsions and to slow-setting and overstabilized anionic bitumen emulsions.

prEVS 33545
Tähtaeg: 2002-07-01
Identne prEN 12847:2001
Bitumen and bituminous binders - Determination of settling tendency of bitumen emulsions
This European Standard specifies a method for the determination of the settling tendency of bitumen emulsions.

prEVS 33546
Tähtaeg: 2002-07-01
Identne prEN 12849:2001
Bitumen and bituminous binders - Determination of penetration power of bitumen emulsions
This European Standard specifies a method for the determination of the penetration power of bitumen emulsions. This test method is applicable to low-viscosity bitumen emulsions.

prEVS 52799
Tähtaeg: 2002-07-01
Identne prEN 14261:2001
Derivatives from coal pyrolysis - Coal tar and pitch based binders and related products : refractory binders - Characteristics and test methods
This European Standard gives the methods of test required to determine the characteristics for viscous "refractory binders" used as industrial binders. Depending on the required application and the desired properties of the end product, different grades on refractory binders are available.

75.160.20
Vedelkütused

Liquid fluids

KAVANDITE ARVAMUSKÜSITLUS

EVS-EN 228:2002
Hind 102,00
Identne: EN 228:1999
Autokütused. Pliivaba bensiin. Nõuded ja katsemeetodid
Käesolev Euroopa standard sätestab turustatavale ja tarnitavale pliivabale bensiinile esitatavad nõuded ja katsemeetodid. See kehtib pliivaba bensiini kohta, mida kasutatakse pliivaba bensiini jaoks projekteeritud mootoritega sõidukites.

EVS-EN 590:2002-04-26
Hind 92,00
Identne: EN 590:1999
Autokütused. Diislikütus. Nõuded ja katsemeetodid
Käesolev Euroopa standard sätestab turustatavale ja tarnitavale autode diislikütusele esitatavad nõuded ja katsemeetodid. See kehtib autode diislikütuse kohta, mida kasutatakse autode diislikütuse jaoks projekteeritud diiselmootoriga sõidukites

75.180.10
Uuringu- ja ammutusseadmed

Exploratory and extraction equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 38244
Tähtaeg: 2002-08-01
Identne prEN 10301:2001
Steel tubes and fittings for on and offshore pipelines - Internal coating for the reduction of friction for conveyance of non corrosive gas
This standard specifies the application requirements and methods of test of liquid applied epoxy paints to the internal surface for the reduction of friction of tubes and pipeline fittings for conveyance of non corrosive gas. Other paints or paint systems are not excluded provided they comply with the requirements given in this standard. The coating shall consist of one layer of liquid product, normally shop-applied on blast cleaned steel by airless spray or conventional spray technique. Brush application shall be used only for repairs. The applied and cured paint film shall be smooth to obtain a reduction of the friction. Unless otherwise agreed, the coating shall be suitable for operating temperatures between 20 °C and + 110 °C.In this standard the word components is used for tubes and fittings.

75.200
Nafta, naftasaaduste ja maagaasi transpordi seadmed

Petroleum products and natural gas handling equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52786
Tähtaeg: 2002-07-01
Identne prEN 14161:2002
Petroleum and natural gas industries - Pipeline transportation systems

This International Standard specifies requirements and gives recommendations for the design, materials, construction, testing, operation, maintenance and abandonment of pipeline systems used for transportation in the petroleum and natural gas industries. It applies to pipeline systems on land and offshore, connecting wells, production plants, process plants, refineries and storage facilities, including any section of a pipeline constructed within the boundaries of such facilities for the purpose of its connection. The extent of pipeline systems covered by this International Standard is illustrated in Figure 1. On-land supply systems used by the gas supply industry are excluded from the scope of this Standard. This International Standard applies to rigid metallic pipelines. It is not applicable for flexible pipelines or those constructed from other materials such as glass-reinforced plastics. This International Standard is applicable to all new pipeline systems and may be applied to modifications made to existing ones. It is not intended that it should apply retroactively to existing pipeline systems. It describes the functional requirements of pipeline systems and provides a basis for their safe design, construction, testing, operation, maintenance and abandonment.

77.040.10
Metallide mehaaniline katsetamine

Mechanical testing of metals

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52825
Tähtaeg: 2002-07-01
Identne ISO 3325:2001
ja identne EN ISO 3325:1999/A1:2002
Sintered metal materials, excluding hardmetals - Determination of transverse rupture strength - Amendment 1: Precision statement

This draft standard specifies a method for the determination of the transverse rupture strength of sintered metal materials, excluding hardmetals. The method is particularly suitable for comparing the sintered strength of a batch of metal powder with that of a reference powder or with a reference strength. The method is applicable to sintered metal materials, excluding hardmetals, whether they have been subjected to heat treatment after sintering or not, and also to materials that have been sized or coined after sintering.

77.040.20
Metallide mittepurustav katsetamine

Non-destructive testing of metals

UUED STANDARDID

EVS-EN 10307:2002
Hind 117,00
Identne EN 10307:2001
Non-destructive testing - Ultrasonic testing of austenitic and austenitic-ferritic stainless steels flat products of thickness equal to or greater than 6 mm (reflection method)
This European Standard describes a method for the ultrasonic-testing of uncoated flat austenitic and austenitic-ferritic stainless steel product for internal discontinuities. It is applicable to flat product in nominal thickness range of 6 mm to 200 mm.

77.040.30
Metallograafia jm katsemeetodid

Metallographic and other methods of testing

UUED STANDARDID

EVS-EN 12441-1:2002
Hind 83,00
Identne EN 12441-1:2001
Zinc and zinc alloys - Chemical analysis - Part 1: Determination of aluminium in zinc alloys - Titrimetric method
This standard specifies a titrimetric method for the determination of aluminium in zinc alloys. It is applicable to the products specified in EN 1774 and EN 12844.

EVS-EN 12441-2:2002
Hind 83,00
Identne EN 12441-2:2001
Zinc and zinc alloys - Chemical analysis - Part 2: Determination of magnesium in zinc alloys - Flame atomic absorption spectrometric method
This European Standard specifies a flame atomic absorption spectrometric method for the determination of magnesium in zink alloys. It is applicable to the products specified in EN 1774 and EN 12844.

EVS-EN 12441-3:2002
Hind 92,00
Identne EN 12441-3:2001
Zinc und zinc alloys - Chemical analysis - Part 3: Determination of lead, cadmium and copper - Flame atomic absorption spectrometric method
This European standard specifies a flame atomic absorption spectrometry method for the determination of lead, copper and cadmium in zinc and zinc alloys. It is applicable to the products specified in EN 988, EN 1179, EN 1774, EN 12844 and prEN 13283.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52806
Tähtaeg: 2002-07-01
Identne prEN 601:2002
Aluminium and aluminium alloys - Castings - Chemical composition of castings for use in contact with food
This European Standard specifies the maximum percentage content of alloying elements and impurities in aluminium and aluminium alloy cast materials and articles designed to be in contact with food and contains provisions for the demonstration of conformity of products with the present standard.
prEVS 52807
Tähtaeg: 2002-07-01
Identne prEN 602:2002
Aluminium and aluminium alloys - Wrought products - Chemical composition of semi-finished products used for the fabrication of articles for use in contact with food

This European Standard specifies the maximum percentage content of alloying elements and impurities present in wrought aluminium and aluminium alloys which are fabricated into materials and articles designed to be in contact with food and contains provisions for the demonstration of conformity of products with the present standard.

77.080.20
Terased

Steels

KAVANDITE ARVAMUSKÜSITLUS

prEVS 36963
Tähtaeg: 2002-07-01
Identne prEN 10027-1:2001
Designation systems for steel - Part 1: Steel names
1.1 This part of European Standard EN10027 sets out rules for designating steels by means of symbolic letters and numbers to express application and principal characteristics, e.g. mechanical, physical, chemical, so as to provide an abbreviated identification of steels. Note: In the English language the designations covered by this European Standard are known as steel names ; in the French language as designation symbolique ; in the German language as Kurznamen . 1.2 These rules apply to steels specified in European Standards, Harmonization Documents and CEN member's national standards. 1.3 These rules may be applied to non-standardized steels. 1.4 A system of numerical designation of steels known as steel numbers is set out in EN10027-2.

77.120.60
Plii, tsink, tina ja nende sulamid

Lead, zinc, tin and their alloys

UUED STANDARDID

EVS-EN 12441-1:2002
Hind 83,00
Identne EN 12441-1:2001
Zinc and zinc alloys - Chemical analysis - Part 1: Determination of aluminium in zinc alloys - Titrimetric method
This standard specifies a titrimetric method for the determination of aluminium in zinc alloys. It is applicable to the products specified in EN 1774 and EN 12844.

EVS-EN 12441-2:2002
Hind 83,00
Identne EN 12441-2:2001
Zinc and zinc alloys - Chemical analysis - Part 2: Determination of magnesium in zinc alloys - Flame atomic absorption spectrometric method
This European Standard specifies a flame atomic absorption spectrometric method for the determination of magnesium in zink alloys. It is applicable to the products specified in EN 1774 and EN 12844.

EVS-EN 12441-3:2002
Hind 92,00
Identne EN 12441-3:2001
Zinc und zinc alloys - Chemical analysis - Part 3: Determination of lead, cadmium and copper - Flame atomic absorption spectrometric method
This European standard specifies a flame atomic absorption spectrometry method for the determination of lead, copper and cadmium in zinc and zinc alloys. It is applicable to the products specified in EN 988, EN 1179, EN 1774, EN 12844 and prEN 13283.

77.140.25
Vedruterased

Spring steels

KAVANDITE ARVAMUSKÜSITLUS

prEVS 39722
Tähtaeg: 2002-07-01
Identne prEN 10151:2002
Stainless steel strip for springs - Technical delivery conditions
1.1 This European Standard applies to cold rolled narrow strip of thicknesses up to and including 3 mm in rolled widths less than 600 mm made from the stainless steel grades listed in Table 1. The steels are used in the conditions given in Table 4 for the production of springs and spring parts that are exposed to corrosive effects and sometimes slightly increased temperatures. 1.2 Other steel grades than those listed in Table 1, but covered by prEN 10088-2:2001 can be supplied in the above conditions after agreement between supplier and customer (see also annex A). 1.3 The general technical delivery conditions specified in EN 10021 apply in addition to the specifications of this European Standard, unless otherwise specified in this European Standard.

77.140.50
Lameterastooted ja -pooltooted

Flat steel products and semi-products

UUED STANDARDID

EVS-EN 10307:2002
Hind 117,00
Identne EN 10307:2001
Non-destructive testing - Ultrasonic testing of austenitic and austenitic-ferritic stainless steels flat products of thickness equal to or greater than 6 mm (reflection method)
This European Standard describes a method for the ultrasonic-testing of uncoated flat austenitic and austenitic-ferritic stainless steel product for internal discontinuities. It is applicable to flat product in nominal thickness range of 6 mm to 200 mm.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52856
Tähtaeg: 2002-07-01
Identne prEN 10154:2001
Continuously hot-dip aluminium-silicon (AS) coated steel strip and sheet - Technical delivery conditions
This European Standard specifies requirements for continuously hot-dip aluminium-silicon alloy coated flat products made of low carbon steels for cold forming (see Table 1) or of structural steels (see Table 2) in thicknesses <= 3,0 mm. The thickness is the final thickness of the delivered product after coating. This European Standard applies to strip of all widths and to sheets cut from it (< 600 mm width) and cut lengths (< 600 mm width). The aluminium-silicon alloy coating is obtained by immersing the products in a bath containing 8 % to 11 % Si (also referred to as type 1). The available coatings, coating masses and surface qualities are given in 7.2 to 7.3 and Table 3. The products covered by this

European Standard are mainly used where heat resistance and corrosion resistance are the most important factors.This European Standard is not applicable to steel flat products with hot-dip coating of pure aluminium (normally referred to as type 2 coating).

77.140.65
Terastraat, terastrossid ja ühendusketid

Steel wire, wire ropes and link chains

KAVANDITE ARVAMUSKÜSITLUS

prEVS 27034
Tähtaeg: 2002-07-01
Identne EN 10264-2:2002
Steel wire and wire products - Steel wire for ropes - Part 2: Cold drawn non alloy steel wire for ropes for general applications
This part of this European Standard defines cold drawn non alloy steel wire used for the manufacture of: - Ropes for general applications and lifts; - Ropes for applications for which there is no specific EN standard. This part of this standard does not apply to steel wire taken from manufactured ropes. This part of this European standard specifies the following for cold drawn non alloy steel wire for ropes for general applications: dimensional tolerances; mechanical characteristics; requirements relating to the chemical composition of the steel wire; conditions to be satisfied by any coating. in addition to the requirements of this part of this European standard, the requirements of prEN 10264-1 also apply.
prEVS 27036
Tähtaeg: 2002-07-01
Identne prEN 10264-3:2001
Steel wire and wire products - Steel wire for ropes - Part 3: Cold drawn and cold shaped non alloyed steel wire for high duty applications
Steel wire and wire products - Steel wire for ropes - Part 3: Cold drawn and cold shaped non alloyed steel wire for high duty applications
prEVS 39594
Tähtaeg: 2002-07-01
Identne prEN 12385-5:2001
Steel wire ropes - Safety - Part 5: Stranded ropes for lifts
This part of this European Standard specifies the additional materials, manufacturing and testing equirements for stranded ropes for suspension, compensating and governor duties for traction drive and hydraulic lifts moving between guides to those given in part 1. It shall be used in conjunction with parts 1 and 2 of this standard. This Part of this European Standard does not establish requirements for information for use other than those given in clause 7 of part 1. Neither does it cover the requirements for ropes fitted with terminations. Minimum breaking force values for the more common classes, sizes and grades of ropes are provided in Tables 5 to 9.
prEVS 52708
Tähtaeg: 2002-07-01
Identne prEN 12385-1:2001
Steel wire ropes - Safety - Part 1: General requirements
This part of this European Standard specifies the general requirements related to safety for the manufacture and testing of steel wire ropes. It shall be used in conjunction with the appropriate part of this standard which specifies the additional or deviating requirements related to the specific rope application. The hazards covered by this part are identified in clause 4. Any additional hazards related to the specific rope application are identified in the appropriate part of this standard. Annex A gives the type testing regimes for ropes produced in series. Annex ZA gives the relationship with EU-Directives. This standard applies to ropes which have been manufactured after the date of issue of the standard.

77.140.75
Terastorud ja eriotstarbelised torud

Steel pipes and tubes for specific use

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52845
Tähtaeg: 2002-07-01
Identne prEN 10220:2001
Seamless and welded steel tubes - General tables of dimensions and masses per unit length
This European Standard specifies for seamless and welded circular steel tubes for general purposes (e. g. mechanical, pressure and structural applications) - preferred dimensions for outside diameter and wall thickness in millimetres and - masses per unit length in kilogrammes per metre of plain end tube. Technical Committees of ECISS and CEN should select these preferred dimensions for their product or functional standards, where appropriate. The outside diameters are classified into three series reflecting the availability of accessories for piping systems (see clause 4). This classification of outside diameters into different series and of preferred wall thicknesses indicates the range of steel tubes usually produced.

77.140.80
Malm- ja terasvalu

Iron and steel castings

KAVANDITE ARVAMUSKÜSITLUS

prEVS 37632
Tähtaeg: 2002-07-01
Identne prEN 10295:2002
Heat resistant steel castings
This European Standard is applicable to heat resistant steel castings, for general purposes (non pressure) above 600 °C. It is also applicable to heat resistant nickel and cobalt base alloys. This standard relates to castings manufactured from ferritic, austenitic-ferritic, austenitic steels, nickel and cobalt base alloys (characterised by their chemical composition [see Table 1] and mechanical properties [see Table 2]).In cases where castings are joined by welding by the founder, this European Standard applies. In cases where castings are welded : to wrought products (plates, tubes, forgings...) ; or by non founders. this European Standard does not apply.

77.150.10
Alumiiniumtooted

Aluminium products

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52862
Tähtaeg: 2002-08-01
Identne prEN 12981-2:2001
Aluminium and aluminium alloys - Products for structural railway applications - Technical conditions for inspection and delivery - Part 2: Plates and sheets
This part of this European Standard specifies requirements for rolled products (plate and sheet) which contribute to the structural properties of the railcar bodyshell and of other major structural components. Particular requirements regarding qualification, quality control, material properties and dimensional tolerances are specified. Furthermore, guidelines for application and use are also given.
prEVS 52863
Tähtaeg: 2002-08-01
Identne prEN 14286:2001
Aluminium and aluminium alloys - Weldable rolled products for tanks for the storage and transportation of dangerous goods
This European Standard specifies the technical conditions of inspection and delivery, the mechanical properties, the tolerances on dimensions and form of rolled semi-finished aluminium alloy products intended for tanks for the storage and transportation of dangerous goods, in particular of gasoline and other liquid hydrocarbons. It applies to hot or cold-rolled strip, sheet and plate with a thickness over 3,0 mm and up to and including 12,0 mm used as a wall material.
prEVS 52864
Tähtaeg: 2002-08-01
Identne prEN 14287:2001
Aluminium and aluminium alloys - Specific requirements on the chemical composition of products intended to be used for the manufacture of packaging and packaging components
This European Standard specifies additional requirements on the chemical composition of products intended for the manufacture of packaging and packaging components, as well as related specific technical conditions of inspection and delivery. It applies to all products in aluminium or aluminium alloys, wrought or unwrought, finished (such as strip rolled to final thickness) or unfinished (such as reroll stock, rolling ingots or ingots for remelting), standardized or not, and can be used in addition to other european, international or national standards, or without connection to a standard. Thus, the scope of this standard is fully defined by the final destination of the product, and by the fact that the product is made in aluminium or aluminium alloy.

77.150.30
Vasktooted

Copper products

UUED STANDARDID

EVS-EN 13148:2002
Hind 179,00
Identne EN 13148:2001
Copper and copper alloys - Hot-dip tinned strip
This European Standard specifies: - the composition and tolerances on dimensions of strip of copper and copper alloys to be tinned, with tin, a tin-lead alloy or other tin alloys; - the composition of the material normally used for the melt; - the properties of the untinned strip; - the properties of the hot-dip tinned strip; - the preferred thicknesses (mean values) and thickness ranges of the coatings; - the edgewise curvature of hot-dip tinned strip; - the sampling procedure; - the methods of test to be used for verification of conformity to the requirements of this standard; - the delivery conditions.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52797
Tähtaeg: 2002-07-01
Identne EN 13599:2002
Copper and copper alloys - Copper plate, sheet and strip for electrical purposes
This European Standard specifies the composition, property requirements including electrical properties, and tolerances on dimensions and form for copper plate, sheet and strip for electrical purposes with thicknesses from 0,05 mm up to and including 25 mm and widths from 10 mm up to and including 1 250 mm. The sampling procedures, the methods of test for verification of conformity to the requirements of this standard, and the delivery conditions are also specified.
prEVS 52831
Tähtaeg: 2002-07-01
Identne EN 13600:2002
Copper and copper alloys - Seamless copper tubes for electrical purposes
This European Standard specifies the composition, property requirements including electrical properties, and tolerances on dimensions and form for seamless drawn copper tubes for electrical purposes, delivered in straight lengths with the cross-sections and size ranges below: for round tubes with outside diameters from 5 mm up to and including 150 mm and wall thicknesses from 0,5 mm up to and including 20 mm; for square and rectangular tubes with major outside dimension from 5 mm up to and including 150 mm and wall thicknesses from 0,5 mm up to and including 10 mm. The sampling procedures, the methods of test for verification of conformity to the requirements of this standard, and the delivery conditions are also specified.
prEVS 52832
Tähtaeg: 2002-07-01
Identne EN 13601:2002
Copper and copper alloys - Copper rod, bar and wire for general electrical purposes
This European Standard specifies the composition, property requirements including electrical properties, and tolerances on dimensions and form for copper rod, bar and wire for general electrical purposes. Cross-sections and size ranges are: round, square and hexagonal rod with diameters or widths across-flats from 2 mm up to and including 80 mm; rectangular bar with thicknesses from 2 mm up to and including 40 mm and widths from 3 mm up to and including 200 mm; round, square, hexagonal and rectangular

wire with diameters or widths across-flats from 2 mm up to and including 25 mm, as well as thicknesses from 0,5 mm up to and including 12 mm with widths from 1 mm up to and including 200 mm. The sampling procedures, the methods of test for verification of conformity to the requirements of this standard and the delivery conditions are also specified.
prEVS 52833
Tähtaeg: 2002-07-01
Identne EN 13602:2002

Copper and copper alloys - Drawn, round copper wire for the manufacture of electrical conductors

This European Standard specifies the composition, property requirements including electrical properties, and dimensional tolerances for drawn round copper wire from 0,04 mm up to and including 5,0 mm for the manufacture of electrical conductors intended for the production of bare and insulated cables and flexible cords. This standard covers plain or tinned, single or multiline, annealed or hard drawn wire. It does not include wire for enamelling (winding wire, magnet wire), for electronic application and for contact wire for electric traction. The sampling procedures, the methods of test for verification of conformity to the requirements of this standard and the delivery conditions are also specified.
prEVS 52834
Tähtaeg: 2002-07-01
Identne EN 13603:2002

Copper and copper alloys - Test methods for assessing protective tin coatings on drawn round copper wire for electrical purposes

This European Standard specifies methods for assessing the tin coating on drawn round copper wire for the manufacture of electrical conductors, e.g. according to EN 13602. Standard includes test methods for the determination of the following characteristics: a) thickness of the unalloyed tin coating; b) continuity of the tin coating; c) adherence of the tin coating.
prEVS 52846
Tähtaeg: 2002-07-01
Identne prEN 13600:2001

Copper and copper alloys - Seamless copper tubes for electrical purposes

This European Standard specifies the composition, property requirements including electrical properties, and tolerances on dimensions and form for seamless drawn copper tubes for electrical purposes, delivered in straight lengths with the cross-sections and size ranges below: for round tubes with outside diameters from 5 mm up to and including 150 mm and wall thicknesses from 0,5 mm up to and including 20 mm; for square and rectangular tubes with major outside dimension from 5 mm up to and including 150 mm and wall thicknesses from 0,5 mm up to and including 10 mm. The sampling procedures, the methods of test for verification of conformity to the requirements of this standard, and the delivery conditions are also specified.
prEVS 52847
Tähtaeg: 2002-07-01
Identne prEN 13601:2001

Copper and copper alloys - Copper rod, bar and wire for general electrical purposes

This European Standard specifies the composition, property requirements including electrical properties, and tolerances on dimensions and form for copper rod, bar and wire for general electrical purposes. ross-sections and size ranges are: round, square and hexagonal rod with diameters or widths across-flats from 2 mm up to and including 80 mm; rectangular bar with thicknesses from 2 mm up to and including 40 mm and widths from 3 mm up to and including 200 mm; round, square, hexagonal and rectangular wire with diameters or widths across-flats from 2 mm up to and including 25 mm, as well as thicknesses from 0,5 mm up to and including 12 mm with widths from 1 mm up to and including 200 mm. The sampling procedures, the methods of test for verification of conformity to the requirements of this standard and the delivery conditions are also specified.
prEVS 52848
Tähtaeg: 2002-07-01
Identne prEN 13602:2001

Copper and copper alloys - Drawn, round copper wire for the manufacture of electrical conductors

This European Standard specifies the composition, property requirements including electrical properties, and dimensional tolerances for drawn round copper wire from 0,04 mm up to and including 5,0 mm for the manufacture of electrical conductors intended for the production of bare and insulated cables and flexible cords. This standard covers plain or tinned, single or multiline, annealed or hard drawn wire. It does not include wire for enamelling (winding wire, magnet wire), for electronic application and for contact wire for electric traction. The sampling procedures, the methods of test for verification of conformity to the requirements of this standard and the delivery conditions are also specified.
prEVS 52849
Tähtaeg: 2002-07-01
Identne prEN 13603:2001

Copper and copper alloys - Test methods for assessing protective tin coatings on drawn round copper wire for electrical purposes

This European Standard specifies methods for assessing the tin coating on drawn round copper wire for the manufacture of electrical conductors, e.g. according to prEN 13602. Standard includes test methods for the determination of the following characteristics: a) thickness of the unalloyed tin coating; b) continuity of the tin coating; c) adherence of the tin coating.

77.160 Pulbermetallurgia

Powder metallurgy

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52825
Tähtaeg: 2002-07-01
Identne ISO 3325:2001
ja identne EN ISO 3325:1999/A1:2002

Sintered metal materials, excluding hardmetals - Determination of transverse rupture strength - Amendment 1: Precision statement

This draft standard specifies a method for the determination of the transverse rupture strength of sintered metal materials, excluding hardmetals. The method is particularly suitable for comparing the sintered strength of a batch of metal powder with that of a reference powder or with a reference strength. The method is applicable to sintered metal materials, excluding hardmetals, whether they have been subjected to heat treatment after sintering or not, and also to materials that have been sized or coined after sintering.

79.060
Puitpaneelid

Wood-based panels

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52805
Tähtaeg: 2002-07-01
Identne prEN 14374:2002
Timber structures - Structural laminated veneer lumber - Requirements
This European Standard specifies the requirements for laminated veneer lumber for structural applications. The tests to be used, methods to carry out the evaluation of conformity and content of the marking of the product are given.This European Standard does not cover laminated veneer lumber treated against biological attack or fire.

79.060.10
Vineer

Plywood

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52861
Tähtaeg: 2002-08-08
Identne prEN 314-1:2001
Plywood - Bonding quality - Part 1: Test methods
This European Standard specifies methods for determining the bonding quality of veneer plywood by shear testing. For bonding quality in the factory see EN 326-2. The relevant requirements are specified in EN 314-2.

79.060.20
Puitkiud- ja puitlaastplaadid

Fibre and particle boards

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52860
Tähtaeg: 2002-08-01
Identne prEN 14279:2001
Laminated Veneer Lumber (LVL) - Specifications, definitions, classification and requirements
This European Standard gives definitions, a classification and specifies the requirements for Laminated Veneer Lumber (LVL) to be used for quality control purposes only. Test methods for the determination of mechanical properties for structural uses, when LVL are used as structural elements, e.g. as beams, columns are given in prEN WI 00124YYY. Determination of characteristic values of mechanical properties and density for structural purposes is given in EN 1058. Information on supplementary properties is given in annex A.

79.080
Puitpooltooted

Semi-manufactures of timber

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52779
Tähtaeg: 2002-07-01
Identne prEN 14434:2002
Writing board for educational institutions - Ergonomic, technical anf safety requirements and their test methods
This European standard specifies ergonomic, technical and safety requirements for wall mounted and free-standing writing boards for use in rooms for educational & training purposes, e.g. classrooms, lecture theatres for schools, universities etc. It is intended to prevent serious injury through normal functional use, as well as misuse that might reasonably be expected to occur.This standard applies to units after installation. Safety depending on the structure of the building is not included ; e.g. the strength of wall hanging boards includes only the board and its parts. The wall and the wall attachment are not included. Requirements concerning electrical safety are not included.

79.120.10
Puidutöötluspingid

Woodworking machines

KAVANDITE ARVAMUSKÜSITLUS

prEVS 30225
Tähtaeg: 2002-07-01
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.
prEVS 32138
Tähtaeg: 2002-07-01
Identne prEN 1870-6:2001

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 35168
Tähtaeg: 2002-07-01
Identne prEN 13024-1:2001
Glass in building - Thermally toughened borosilicate safety glass - Part 1: Definition and description
This European Standard specifies tolerances, flatness, edgework, fragmentation and physical and mechanical characteristics of monolithic flat thermally toughened borosilicate safety glass for use in buildings. Information on curved thermally toughened borosilicate safety glass is given in annex B, but this product does not form part of this standard. Other requirements, not specified in this standard, may apply to thermally toughened borosilicate safety glass which is incorporated into assemblies, e.g. laminated glass or insulating units, or undergo an additional treatment, e.g. coating. The additional requirements are specified in the appropriate product standard. Thermally toughened borosilicate safety glass, in this case, does not lose its mechanical or thermal characteristics.

81.060
Keraamika

Ceramics

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52780
Tähtaeg: 2002-07-01
Identne prEN 14430:2002
Vitreous and porcelain enamels - High voltage test
This Standard describes a method of test for the detection and location of defects in vitreous and porcelain enamelled articles using high voltage. The high voltage test can be used to detect and locate defects which extend down to the metal base (e.g. open pores). It can also be used for the detection of weak spots in the enamel coating. The test method may not be practical in cases where coating thickness variation is large at different locations. Because of the potentially destructive effect of the test, this method is not suitable for certain enamel applications. As the test requires that the enamel surface is dry, it should not be carried out below the dew point. Care should therefore be taken when testing at a construction site.
prEVS 52781
Tähtaeg: 2002-07-01
Identne prEN 14431:2002
Vitreous and porcelain enamels - Characteristics of the enamel coatings applied to steel panels intended for architecture
This standard defines the requirements and the functional and aesthetic characteristics of enamel coatings applied to plane cold rolled steel for both exterior (exposed to weathering) and interior parts of buildings.

83.060
Kummi

Rubber

UUED STANDARDID

EVS-EN 13787:2002
Hind 83,00
Identne EN 13787:2001
Elastomeres for gas pressure regulators and associated safety devices for inlet pressures up to 100 bar
This European Standard specifies the minimum requirements for elastomeric materials intended to be used as static seals, dynamic seals or diaphragms in the gas pressure regulators covered by EN 334 and in the safety devices for gas pressure regulating stations and installations covered by the corresponding European Standards, as well as the relevant test methods to assess these requirements.

83.080.20
Termoplastid

Thermoplastic materials

UUED STANDARDID

EVS-EN ISO 4610:2002
Hind 57,00
Identne ISO 4610:2001
ja identne EN ISO 4610:2001
Plastid. Vinüülkloriidhomopolümeer-vaigud ja -kopolümeervaigud. Sõelanalüüs õhujoaga sõelumisaparatuuri kasutamisega

This standard specifies a method for the determination of the sieve retention and particle size distribution of preferably free-flowing vinyl chloride homopolymer and copolymer resins prepared by the "suspension", "bulk" and ``emulsion`` processes. Control of these characteristics can help to ensure consistency of supply and predictable processing behaviour.

83.140.10
Kiled

Films and sheets

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52711
Tähtaeg: 2002-07-01
Identne prEN 13655:2001
Plastics - Mulching thermoplastic films for use in agriculture and horticulture
This European Standard is applicable to transparent films, transparent clear and diffusing films (thermic) and black or black/white films based on polyethylene and its copolymers, which are designed to be used for mulching the vegetable, fruit and flower crops. This European Standard specifies the basic requirements for the optical and mechanical characteristics of various types of film. From a detailed consideration of the different mulching plastics films used in agriculture and horticulture in the European market, different types of film are considered: - transparent films (normal) - transparent clear and diffusing films (thermic) - black and black/white films The range of thicknesses considered is from 10 µm up to 250 µm.

83.140.50
Tihendid

Seals

UUED STANDARDID

EVS-EN 13787:2002
Hind 83,00
Identne EN 13787:2001
Elastomeres for gas pressure regulators and associated safety devices for inlet pressures up to 100 bar
This European Standard specifies the minimum requirements for elastomeric materials intended to be used as static seals, dynamic seals or diaphragms in the gas pressure regulators covered by EN 334 and in the safety devices for gas pressure regulating stations and installations covered by the corresponding European Standards, as well as the relevant test methods to assess these requirements.

83.180
Liimid

Adhesives

UUED STANDARDID

EVS-EN 1895:2002
Hind 83,00
Identne EN 1895:2001
Adhesives for paper and board, packaging and disposable sanitary products - 180° -"T" peel test for a flexible-to-flexible assembly
This European Standard specifies a 180 - "T" peel test for the determination, under specified conditions, of the peel resistance of a bonded assembly to two flexible adherends which may have an equal or different flexural modulus.

EVS-EN 12092:2002
Hind 92,00
Identne EN 12092:2001
Adhesives - Determination of viscosity
This European standard describes six methods which, experience has shown, are suitable for measuring the viscosity of a wide range of adhesives. This standard does not intend to describe equipment, which is unique to one manufacturer, rather it describes generic types of viscometer. The instruments described operate on very different principles making it inadvisable to compare results from one type of viscometer with another. However, results from different instruments of the same type should be comparable.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52761
Tähtaeg: 2002-07-01
Identne prEN 13733:2001
Products and systems for the protection and repair of concrete structures - Test methods - Determination of the durabilility of structural bonding agents
The purpose of this standard is to define laboratory methods of testing to ascertain the durability of structural bonding agents in composite systems involving the bonding of hardened concrete to hardened concrete, fresh concrete to hardened concrete and steel to steel.

85.080
Pabertooted

Paper products

UUED STANDARDID

EVS-EN ISO 216:2002
Hind 57,00
Identne ISO 216:1975
ja identne EN ISO 216:2001
Writing paper and certain classes of printed matter - Trimmed sizes - A and B series
This standard specifies the trimmed sizes of writing paper and certain classes of printed matter.

85.100
Paberitööstuse seadmed

Equipment for the paper industry

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52710
Tähtaeg: 2002-07-01
Identne prEN 1010-3:2001
Safety of machinery - Safety requirements for the design and construction of printing and paper converting machines - Part 3: Cutting machines
1.1 This European Standard applies to cutting machines used in paper converting: - guillotines;- three-knife trimmers; - index-cutting machines; - trimmers; - rotary cutters; - round cornering machines; - label punching machines. This European Standard shall be used together with

prEN 1010-1:2000. Both parts together identify all significant hazards relevant to printing and varnishing machines including pre-press machinery and auxiliary devices, when they are used as intended and under the conditions foreseen by the manufacturer (see clause 4). The specific requirements specified in this European Standard take precedence over respective requirements of prEN 1010-1:2000.This European Standard is not applicable to cutting machines which are manufactured before the date of publication of this European Standard by CEN. 1.2 This European Standard does not apply to winder-slitters and sheeters (see pr EN 1034-1, EN 1034-3, prEN 1034-5).

87.040
Värvid ja lakid

Paints and varnishes

UUED STANDARDID

EVS-EN ISO 4628-6:2002
Hind 57,00
Identne ISO 4628-6:1990
ja identne EN ISO 4628-6:2001
Paints and varnishes - Evaluation of degradation of paint coatings - Designation of intensity, quantity and size of common types of defect - Part 6: Rating of degree of chalking by tape method
This part of EN ISO 4628 provides pictorial reference standards for designating the degree of chalking of paint coatings. It also describes a method by which the degree of chalking is rated.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 27840
Tähtaeg: 2002-07-01
Identne prEN 12206-1:2001
Paints and varnishes - Coating of aluminium and aluminium alloys for architectural purposes - Part 1: Coatings prepared from powder coating materials
This Part of EN 12206 specifies requirements and the corresponding methods of test relating to the organic coating of aluminium and aluminium alloy extrusions, sheet and preformed sections for architectural purposes, using exclusively coating powders. It also describes : a) the pretreatment of the substrate prior to the coating process ; b) the coating powder ; c) the coating process ; d) the final product. Each item is dealt with separately in this Part of EN 12206 so that any interested party can ensure compliance appropriate to its area of responsibility.

87.060.10
Pigmendid

Pigments and extenders

UUED STANDARDID

EVS-EN ISO 3262-12:2002
Hind 49,00
Identne ISO 3262-12:2001
ja identne EN ISO 3262-12:2001
Extenders for paints - Specifications and methods of test - Part 12: Muscovite-type mica
This part of EN ISO 3262 specifies requirements and corresponding methods of test for muscovite-type mica.

EVS-EN ISO 3262-22:2002
Hind 57,00
Identne ISO 3262-22:2001
ja identne EN ISO 3262-22:2001
Extenders for paints - Specifications and methods of test - Part 22: Flux-calcined kieselguhr
This part of ISO 3262 specifies requirements and corresponding methods of test for flux-calcined kieselguhr.

91.060.50
Uksed ja aknad

Doors and windows

KAVANDITE ARVAMUSKÜSITLUS

prEVS 23030
Tähtaeg: 2002-07-01
Identne prEN 12635:2002
Industrial, commercial and garage doors and gates - Procedure for the safe installation and use
1.1 General This European Standard specifies the information to be provided by the door manufacturer and the components manufacturer to ensure safe installation, operation, use (including maintenance and repair) of doors, gates and barriers intended for installation in areas in the reach of persons, and for which the main intended uses are giving safe access for goods and vehicles accompanied or driven by persons in industrial, commercial or residential premises. This European Standard also covers commercial doors such as rolling shutters and rolling grilles used in retail premises which are mainly provided for the access of persons rather than vehicles or goods. This European Standard applies to manually operated and power operated doors, to doors and components intended to be installed by non professional installers and may also apply to the installation and use of upgrading component(s).The European Standard only applies to the doors and components manufactured after the date of publication. 1.2 Exclusions This European Standard does not apply to doors that are intended for a different use than the one described in 1.1 such as:- lock gates and dock gates; - doors on lifts; - doors on vehicles; - doors mainly for the retention of animals; - theatre textile curtains; - railway barriers; - barriers used solely for vehicles.

91.080.40
Betoonkonstruktsioonid

Concrete structures

KAVANDITE ARVAMUSKÜSITLUS

prEVS 37837
Tähtaeg: 2002-07-01
Identne prEN 13294:2001
Products and systems for the protection and repair of concrete structures - Test methods - Determination of stiffening time

This European Standard specifies a method for determining the stiffening time of repair products and systems specified in prEN 1504-3 1 comprising hydraulic based mortar and concrete (CC), including those modified by the addition of polymers (PCC).
prEVS 39299
Tähtaeg: 2002-07-01
Identne prEN 13395-1:2001
Products and systems for the protection and repair of concrete structures - Test methods - Determination of workability - Part 1: Test for flow of thixotropic mortars
This European Standard specifies a method for determining the workability (or consistence) of trowel-grade hydraulic cement mortars CC, polymer modified hydraulic cement mortars PCC and polymer bound mortars PC for the protection and repair of concrete, as defined in EN 1504-1.
prEVS 39798
Tähtaeg: 2002-07-01
Identne prEN 13395-2:2001
Products and systems for the protection and repair of concrete structures - Test methods - Determination of workability - Part 2: Test for flow of grout or mortar
This European Standard specifies a method for determining the workability (or consistence) of flowing-grade hydraulic cement mortars CC, polymer modified hydraulic cement mortars PCC and polymer bound mortars PC for the protection and repair of concrete, as defined in EN 1504-1. The method is suitable for high flow grouts or mortars that have a maximum aggregate size of 4 mm.
prEVS 39804
Tähtaeg: 2002-07-01
Identne prEN 13395-3:2001
Products and systems for the protection and repair of concrete structures - Test methods - Determination of workability - Part 3: Test for flow of repair concrete
Normal workability concrete mixes, which can include proprietary formulations, are applied and compacted in accordance with conventional practice. The workability of these products should be assessed using the slump, VeBe or other appropriate method given in EN 206-1. The workability of conventional high flow concrete mixes should be assessed by the method of EN 12358.
prEVS 40265
Tähtaeg: 2002-07-01
Identne prEN 13395-4:2001
Products and systems for the protection and repair of concrete structures - Test methods - Determination of workability - Part 4: Application of repair mortar overhead
This European Standard specifies a method for determining the applicability overhead of products and systems for the repair of concrete as defined in prEN 1504-3 1 under usual conditions.
prEVS 52761
Tähtaeg: 2002-07-01
Identne prEN 13733:2001
Products and systems for the protection and repair of concrete structures - Test methods - Determination of the durabililty of structural bonding agents
The purpose of this standard is to define laboratory methods of testing to ascertain the durability of structural bonding agents in composite systems involving the bonding of hardened concrete to hardened concrete, fresh concrete to hardened concrete and steel to steel.
prEVS 52762
Tähtaeg: 2002-07-01
Identne prEN 12617-3:2001
Products and systems for the protection and repair of concrete structures - Test methods - Part 3: Determination of early age linear shrinkage for structural bonding agents
This European Standard specifies a method for the determination of the early age linear shrinkage of structural bonding agents covered by EN 1501-1 and EN 1504-4. It describes the procedures for the measurement of linear shrinkage from initial gel of polymer, in the form of unrestrained thin strips less than 10 mm in thickness. It is intended for measurement of early age shrinkage, for example up to 24 hours.
prEVS 52859
Tähtaeg: 2002-08-01
Identne prEN 1504-5:2001
Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 5: Concrete injection
This standard specifies requirements and conformity criteria for the identification, performance (including durability aspects) and safety of products and systems to be used for the repair of concrete structures by internal filling of cracks and cavities by injection, by gravity or by capillary forces(note 1) . Compliance with any safety regulations to protect persons and the environment must also be taken into account. Injection is used to avoid the harmful consequences of voids and cracks in concrete. To achieve tightness and hence watertightness. To avoid penetration of aggressive agents that may induce corrosion of steel reinforcements. To strengthen the structure by strengthening of the concrete. This standard does not cover - the treatment of cracks by widening them and sealing them over with an elastic product like sealing compound ; - external filling of cavities, that is the placement of product outside the structure (generally within the surrounding foundation soils, or at the interface between the structure and the soil).

91.100.10
Tsement. Kips. Lubi. Mört

Cement. Gypsum. Lime. Mortar

UUED STANDARDID

EVS 636:2002
Hind 83,00

Identne EVS 636:2002
Põletatud põlevkivi portland-põlevkivitsemendi, portland-komposiittsemendi ja müüritsemendi tootmiseks
Käesolev standard kehtib elektrijaamades Eesti kukersiit-põlevkivi tolmpõletamisel kuni 1400 °C juures tekkiva materjali - põletatud põlevkivi (edaspidi PP) kohta, mis sobib kasutamiseks portland-põlevkivitsemendi, portland-komposiittsemendi ja müüritsemendi, samuti eritsementide - redutseeritud kahanemise ja kõrgendatud püsivusega tsementide tootmiseks, aga ka lisandina betoonides ning pinnaste stabiliseerimiseks.

EVS-EN 197-1:2002
Hind 326,00
Identne EN 197-1:2000
Tsement. Osa 1: Harilike tsementide koostis, spetsifikatsioonid ja vastavuskriteeriumid
EN 197-1 määrab kindlaks 27 erineva hariliku tsemendi tüüpi ning nende koostisosad. Iga tsemenditüüp defineeritakse tema koostisosade omaduste ning nende sisalduse kaudu, mille tulemusena jagunevad tsemendid kuude erinevasse tugevusklassi. Standard määrab kindlaks koostisosadele esitatavad nõuded ja nimetatud tsemenditüüpidele ning tugevusklassidele esitatavad mehaaniliste, füüsikaliste ja keemiliste omaduste nõuded. EN 197-1 formuleerib nendele nõuetele vastavuse hindamise reeglid. Samuti esitatakse vajalikud püsivusnõuded.

EVS-EN 197-2:2002
Hind 306,00
Identne EN 197-2:2000
Tsement. Osa 2: Vastavushindamine
Käesolev standard EN 197-2 määrab kindlaks skeemi tsementide tootestandardi nõuetele vastavuse hindamiseks ning käsitleb vastavussertifikaadi väljastamist kolmanda osapoole poolt. Standard annab tehnilised reeglid tootjapoolseks tehase tootmiskontrolliks, hõlmates proovide sisekontrollkatsetamist ja kolmanda osapoole kohustusi. Ühtlasi annab standard reeglid, kuidas toimida mittevastavuse puhul, määrab protseduuri vastavustõendamiseks ning esitab nõuded hulgiladudele. Käesolevas standardis kasutatakse mõistet "tsement" nii standardis EN 197-1 määratletud harilike tsementide, kui ka teiste tsementide ja sideainete kohta, millele viidatakse standardi EN 197-2 tootestandardites ning mis on esitatud sertifitseerimiseks. Nimetatud tsemendid on toodetud teatud tehases ning on klassifitseeritud kindla tüübi ja tugevusklassi järgi vastavalt asjakohase tootestandardi määratlusele.

EVS-EN 459-1:2002
Hind 139,00
Identne EN 459-1:2001
Ehituslubi. Osa 1: Mõisted, eristuskiri ja vastavuskriteeriumid
This Prestandard applies to building limes used as binders for preparation of mortar (for masonry, rendering and plastering) and production of other construction products.

EVS-EN 459-2:2002
Hind 179,00
Identne EN 459-2:2001
Ehituslubi. Osa 2: Katsemeetodid
This European Standard describes the test methods for all building limes covered by EN 459-1. This standard describes reference test methods and in some cases alternative test methods. In the event of a dispute, only the reference method is used.

EVS-EN 459-3:2002
Hind 92,00
Identne EN 459-3:2001
Ehituslubi. Osa 3: Vastavushindamine
This Europan Standard specifies the scheme for the evaluation of conformity of building lime to their corresponding product standard EN 459-1 including declaration of conformity by the manufacturer.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 7809
Tähtaeg: 2002-07-01
Identne prEN 197-3:2001
Cement - Part 3: Composition, specifications and conformity criteria for low heat common cements
EN 197-3 defines and gives the specification of 27 distinct low heat common cement products and their constituents. The definition of each cement includes the proportions in which the constituents are to be combined to produce these distinct products in a range of six strength classes and three heat of hydration classes. The definition also includes requirements the constituents have to meet and the mechanical, physical and chemical requirements of the 27 products, strength classes and heat of hydration classes. EN 197-3 also states the conformity criteria and the related rules. Necessary durability requirements are also given. The risk of early-age thermal cracking in concrete depends upon the properties and execution and is, therefore, also dependant on factors other than the heat of hydration of the cement. Therefore, advice on the use of low heat common cements is included in informative annex B.
prEVS 39299
Tähtaeg: 2002-07-01
Identne prEN 13395-1:2001
Products and systems for the protection and repair of concrete structures - Test methods - Determination of workability - Part 1: Test for flow of thixotropic mortars
This European Standard specifies a method for determining the workability (or consistence) of trowel-grade hydraulic cement mortars CC, polymer modified hydraulic cement mortars PCC and polymer bound mortars PC for the protection and repair of concrete, as defined in EN 1504-1.
prEVS 39798
Tähtaeg: 2002-07-01
Identne prEN 13395-2:2001
Products and systems for the protection and repair of concrete structures - Test methods - Determination of workability - Part 2: Test for flow of grout or mortar
This European Standard specifies a method for determining the workability (or consistence) of flowing-grade hydraulic cement mortars CC, polymer modified hydraulic cement mortars PCC and polymer bound mortars PC for the protection and repair of concrete, as defined in EN 1504-1. The method is suitable for high flow

grouts or mortars that have a maximum aggregate size of 4 mm.
prEVS 40265
Tähtaeg: 2002-07-01
Identne prEN 13395-4:2001
Products and systems for the protection and repair of concrete structures - Test methods - Determination of workability - Part 4: Application of repair mortar overhead
This European Standard specifies a method for determining the applicability overhead of products and systems for the repair of concrete as defined in prEN 1504-3 1 under usual conditions.
prEVS 52692
Tähtaeg: 2002-07-01
Identne prEN 14217:2001
Cement - Composition, specifications and conformity criteria for low early strength low heat cements
This prEN 14217 defines and gives the specifications of 3 distinct low early strength low heat cement products and their constituents. The definition of each cement includes the proportions in which the constituents are to be combined to produce these distinct products in a range of three strength classes and three heat classes. The definition also includes requirements the constituents have to meet and the mechanical, physical, chemical, requirements, strength classes and heat of hydration classes. This prEN 14217 also states the conformity criteria and the related rules. Necessary durability requirements are also given. The risk of early-age thermal cracking in concrete depends upon the properties and execution and is, therefore, also dependant on factors other than the heat of hydration of the cement. Therefore, advice on the use of low early strength low heat cements is included in informative annex B.
prEVS 52693
Tähtaeg: 2002-07-01
Identne prEN 14216:2001
Cement - Composition, specifications and conformity criteria for massive concrete low heat cements
This prEN 14216 defines and gives the specifications of 7 distinct massive concrete low heat cement products and their constituents. The definition of each cement includes the proportions in which the constituents are to be combined to produce these distinct products in a single strength class and two heat classes. The definition also includes requirements the constituents have to meet and the mechanical, physical, chemical, requirements and strength and heat classes of these products. This prEN 14216 also states the conformity criteria and the related rules. Necessary durability requirements are also given. The risk of early-age thermal cracking in concrete depends upon the properties and execution and is, therefore, also dependant on factors other than the heat of hydration of the cement. Therefore, advice on the use of massive concrete low heat cements is included in informative annex B.
prEVS 52762
Tähtaeg: 2002-07-01
Identne prEN 12617-3:2001
Products and systems for the protection and repair of concrete structures - Test methods - Part 3: Determination of early age linear shrinkage for structural bonding agents
This European Standard specifies a method for the determination of the early age linear shrinkage of structural bonding agents covered by EN 1501-1 and EN 1504-4. It describes the procedures for the measurement of linear shrinkage from initial gel of polymer, in the form of unrestrained thin strips less than 10 mm in thickness. It is intended for measurement of early age shrinkage, for example up to 24 hours.

91.100.15
Mineraalsed materjalid ja tooted

Mineral materials and products

UUED STANDARDID

EVS-EN 12371:2002
Hind 101,00
Identne EN 12371:2001
Natural stone test methods - Determination of frost resistance
The European Standard specifies a method to assess the effect of freeze/thaw cycles on natural stones - refer to prEN 12670 for terminology, and EN 12440 for denomination.

EVS-EN 13161:2002
Hind 101,00
Identne EN 13161:2001
Natural stone test methods - Determination of flexural strength under constant moment
This European Standard specifies the method to determine the flexural strength of natural stones under constant moment. The standard contains provision for both an identification test and for a technological test.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 38881
Tähtaeg: 2002-07-01
Identne prEN 13383-2:2001
Armourstone - Part 2 : Test methods
This European Standard specifies test methods for natural, artificial and recycled aggregates for use as armourstone.

91.100.30
Betoon ja betoontooted

Concrete and concrete products

KAVANDITE ARVAMUSKÜSITLUS

prEVS 39804
Tähtaeg: 2002-07-01
Identne prEN 13395-3:2001
Products and systems for the protection and repair of concrete structures - Test methods - Determination of workability - Part 3: Test for flow of repair concrete
Normal workability concrete mixes, which can include proprietary formulations, are applied and compacted in accordance with conventional practice. The workability of these products should be assessed using the slump, VeBe or other appropriate method given in EN 206-1. The workability of conventional high flow concrete mixes should be assessed by the method of EN 12358.

91.100.50
Sideained. Tihendusmaterjalid

Binders. Sealing materials

KAVANDITE ARVAMUSKÜSITLUS

prEVS 33540
Tähtaeg: 2002-07-01
Identne prEN 12850:2001
Bitumen and bituminous binders - Determination of the pH value of bitumen emulsions
This European Standard specifies a method for measuring the pH value of bitumen emulsions. It is applicable to anionic, cationic and non-ionic bitumen emulsions.

prEVS 33541
Tähtaeg: 2002-07-01
Identne prEN 12846:2001
Bitumen and bituminous binders - Determination of efflux time of bitumen emulsions by the efflux viscometer
This European Standard specifies a method for the determination of the efflux time of bitumen emulsions.

prEVS 33542
Tähtaeg: 2002-07-01
Identne prEN 12848:2001
Bitumen and bituminous binders - Determination of mixing stability with cement of bitumen emulsions
This European Standard specifies a method for the determination of mixing stability of bitumen emulsions with cement. It applies to overstabilized cationic bitumen emulsions and to slow-setting and overstabilized anionic bitumen emulsions.

prEVS 33545
Tähtaeg: 2002-07-01
Identne prEN 12847:2001
Bitumen and bituminous binders - Determination of settling tendency of bitumen emulsions
This European Standard specifies a method for the determination of the settling tendency of bitumen emulsions.

prEVS 33546
Tähtaeg: 2002-07-01
Identne prEN 12849:2001
Bitumen and bituminous binders - Determination of penetration power of bitumen emulsions
This European Standard specifies a method for the determination of the penetration power of bitumen emulsions. This test method is applicable to low-viscosity bitumen emulsions.

prEVS 52716
Tähtaeg: 2002-07-01
Identne prEN 14196:2001
Geosynthetics - Test methods for measuring mass per unit area of clay geosynthetic barriers
This method covers the laboratory determination of the mass per unit area of a sample of clay geosynthetic barrier (CGB) as received. The mass of the clay component can be found by subtracting the manufacturer's reported mass of the geosynthetic component(s) from the total mass of the CGB. Since manufacturers quote mass per unit area at a given moisture content, it is also necessary to measure the moisture content.This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

prEVS 52725
Tähtaeg: 2002-07-01
Identne prEN 1297:2001
Flexible sheets for waterproofing - Bitumen, plastic and rubber sheets for roof waterproofing - Method of artificial ageing by long term exposure to the combination of UV radiation, elevated temperature and water
This standard specifies the method for exposure of factory made bitumen or plastic or rubber sheets for roof waterproofing to combined effects of long term exposure by UV radiation, elevated temperature and water as means of artificial ageing.

91.100.60
Soojus- ja heliisolatsioonimaterjalid

Thermal and sound insulating materials

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52777
Tähtaeg: 2002-07-01
Identne EN 13172:2001/prA1:2002
Thermal isulating products - Evaluation of conformity
This European Standard specifies the procedures and the criteria for the evaluation of the conformity of a thermal insulating products with the relevant European product specification.

91.100.99
Muud ehitusmaterjalid

Other construction materials

KAVANDITE ARVAMUSKÜSITLUS

prEVS 35168
Tähtaeg: 2002-07-01
Identne prEN 13024-1:2001
Glass in building - Thermally toughened borosilicate safety glass - Part 1: Definition and description
This European Standard specifies tolerances, flatness, edgework, fragmentation and physical and mechanical characteristics of monolithic flat thermally toughened borosilicate safety glass for use in buildings. Information on curved thermally toughened borosilicate safety glass is given in annex B, but this product does not form part of this standard. Other requirements, not specified in this standard, may apply to thermally toughened borosilicate safety glass which is incorporated into assemblies, e.g. laminated glass or insulating units, or undergo an additional treatment, e.g. coating. The additional requirements are specified in the appropriate product standard. Thermally toughened borosilicate safety glass, in this case, does not lose its mechanical or thermal characteristics.

91.120.10
Soojusisolatsioon

Thermal insulation

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52765
Tähtaeg: 2002-07-01
Identne EN 14114:2002

Hygrothermal performance of building equipment and industrial installations - Calculation of water vapour diffusion - Cold pipe insulation systems
This standard specifies a method to calculate the density of water vapour flow rate in cold pipe insulation systems, and the total amount of water diffused into the insulation over time. This calculation method presupposes that water vapour can only migrate into the insulation system by diffusion, with no contribution from airflow. It also assumes the use of homogeneous, isotropic insulation materials so that the water vapour partial pressure is constant at all points equidistant from the axis of the pipe. The standard is applicable when the temperature of the medium in the pipe is above 0 □ C. It applies to pipes inside buildings as well as in the open air.

91.140.30
Ventilatsiooni- ja kliimasüsteemid

Ventilation and air-conditioning systems

UUED STANDARDID

EVS-EN 12589:2002
Hind 170,00
Identne EN 12589:2001
Ventilation for buildings - Air terminal units - Aerodynamic testing and rating of constant and variable rate terminal units
This European Standard specifies methods for the aerodynamic testing and rating of constant and variable flow rate terminal units suitable for use with air distribution systems. The terminal units considered are: - Single and dual duct. - Induction. - Fan assisted induction (parallel and series). - Single duct with integral diffuser.

EVS-EN 13030:2002
Hind 170,00
Identne EN 13030:2001
Ventilation for buildings - Terminals - Performance testing of louvres subjected to simulated rain
This European Standard specifies a method for measuring the water rejection performance of louvres subject to simulated rain and wind pressures, both with and without air flow through the louvre under test. For the purpose of tests in this standard, a 1000 mm x 1000 mm section of weather louvre or the nearest possible blade increment is considered.

EVS-EN 13053:2002
Hind 170,00
Identne EN 13053:2001
Ventilation for building - Air handling units - Ratings amd performance for units, components and sections
This European Standard specifies requirements and testing of ratings and performance of air handling units as a whole. It also specifies requirements, classification and testing of specific components and sections of air handling units. For many components and sections it refers to component standards, but is also specifies restrictions or applications of standards developed for standalone components.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 27843
Tähtaeg: 2002-07-01
Identne prEN 12237:2001
Ventilation for buildings - Ductwork - Strength and leakage of circular sheet metal ducts
This standard specifies requirements and test methods for strength and air leakage of circular ductwork used in air conditioning and ventilation systems in buildings. The standard is intended to establish the mechanical strength and leakage required to verify the fitness for the intended service as installed ductwork. The standard is primarily intended for in-situ measurements, but provisions are also made for its use in laboratory testing. The requirements and methods are applicable also to rectangular ductwork in respect of air leakage.

91.140.60
Veevarustussüsteemid

Water supply systems

KAVANDITE ARVAMUSKÜSITLUS

prEVS 26108
Tähtaeg: 2002-07-01
Identne prEN 806-2:2002
Specifications for installations inside buildings conveying water for human consumption - Part 2: Design
This Part of this European Standard gives recommendations, and specifies requirements, on the design of potable water installations within buildings and for pipework outside buildings but within the premises (see EN 806-1) and applies to new installations, alterations and repairs.

91.180
Siseviimistlus

Interior finishing

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52778
Tähtaeg: 2002-07-01
Identne prEN 14428:2002
Shower enclosures - Functional requirements and test methods
This standard specifies requirements for shower enclosures for domestic purposes which ensure that the product,when installed in accordance with the manufacturer's installation instructions, gives satisfactory performance when used as intended.This standard does not apply to shower cabinets or curtains and does not specify aesthetic and dimensional requirements.

93.020
Mullatööd. Süvendid. Vundamendiehitus. Allmaatööd

Earthworks. Excavations. Foundation construction. Underground works

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52720
Tähtaeg: 2002-07-01

Identne prEN 14199:2001
Execution of special geotechnical works-Micropiles
1.1 This Standard establishes general principles for the execution of piles : which have a small diameter (smaller than 300 mm outside diameter for bored piles and smaller than 150 mm for displacement piles) ;and which can be typically installed by means of small rigs.These piles are herein after referred as micropiles . 1.2 Micropiles are structural members to transfer actions to the ground and may contain bearing elements to transfer loads and or to limit deformations. Their shaft and base resistance may be improved (mostly by grouting) and they may be constructed with (see Figure 1):uniform cross section (straight shaft) ; or telescopically changing shaft dimensions ; shaft enlargements ; and/or base enlargement.1.3 Other than practical considerations, there are no limitations regarding shaft or base enlargements, length,rake (definition of rake, see Figure 2) or slenderness ratio.1.4 The provisions of the Standard apply to (see Figure 3) : single micropiles ; micropile groups ; micropile walls ;reticulated micropiles.1.5 The micropiles which are the subject of this Standard can be installed into the ground using drilling, driving or a combination of these methods. 1.6 The material of micropiles covered by this Standard can be: steel, cast iron or other reinforcement materials ; grout, mortar or concrete ; a combination of above.1.7 Mixed-in-place columns and timber piles are not included in this Standard. Columns constructed by jet grouting are covered by prEN 12716. Ground anchors are covered by EN1537. Nail reducing settlements and/or displacements.

93.080.20 Teedeehitusmaterjalid

Road construction materials

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52694
Tähtaeg: 2002-07-01
Identne prEN 14227-1:2001
Unbound and hydraulically bound mixtures - Specifications -Part 1: Cement bound mixtures for road bases and subbases
This European Standard specifies with appropriate regards to other relevant European Standards technical requirements, test methods and compliance criteria for cement bound granular mixtures used for construction and maintenance of bases and subbases of roads, airfields and other trafficked areas. This standard specifies the characteristics of cement bound granular mixtures (CBGM) by reference to the properties of their constituents, the mixture and the properties of samples of the mixed materials.
prEVS 52695
Tähtaeg: 2002-07-01
Identne prEN 14227-2:2001
Unbound and hydraulically bound mixtures - Specifications -Part 2: Slag Bound Mixtures - Definitions, composition, classification
This Draft European Standard specifies the characteristics of slag bound mixtures, including constituents, formulation, and laboratory performance for use in road structures and other similar works. In this standard, the binding properties come from the use of slag from the iron and steel industry.
prEVS 52696
Tähtaeg: 2002-07-01
Identne prEN 14227-3:2001
Unbound and hydraulically bound mixtures - Specifications -Part 3: Fly ash for bound mixtures - Definitions, composition, classification
The Standard defines "Fly Ash Bound Mixtures" (FABM) for roads (roadbase, subbase, capping and earthworks) and similar works and specifies the requirements for their constituents, composition and laboratory performance classification. In this standard, fly ash refers to siliceous or calcareous fly ash, produced from the combustion of pulverized coal in energy generating plants. The treatment of soils with fly ash is not covered by this standard, but is currently under preparation.
prEVS 52697
Tähtaeg: 2002-07-01
Identne prEN 14227-4:2001
Unbound and hydraulically bound mixtures - Specifications -Part 4: Fly ash for hydraulically bound mixtures - Definitions, composition, classification
This European Standard specifies fly ash used in hydraulically bound mixtures for roadbase, subbase, capping and similar works. The standard applies to fly ash produced by the combustion of pulverized coal in energy generating plants.There are two types of fly ash depending on the type of coal burned and/or the desulphurisation process. One type behaves pozzolanically and the dominant chemical constituent are SiO2 and Al2O3; this is called alumino-silicate or siliceous fly ash. The other type behaves hydraulically and the dominant chemical constituents are CaO, SiO2 and Al2O3; this is called sulpho-calcitic or calcareous fly ash.
prEVS 52698
Tähtaeg: 2002-07-01
Identne prEN 12274-7:2001
Slurry surfacing - Test methods - Part 7: Shaking abrasion test on suitability of mineral aggregates to slurry mixes
This Draft European Standard specifies a method for measuring the compatibility, adhesivity and water sensitivity (swelling properties) of bitumen emulsions and aggregates for slurry surfacings. This Draft European Standard applies to slurry surfacings to be used in surface layers, micro surfacings and airfield pavements.
prEVS 52699
Tähtaeg: 2002-07-01
Identne prEN 14187-1:2001
Cold applied joint sealants - Test methods - Part 1: Determination of the rate of cure
This European Standard applies to the determination of the rate of cure of cold applied joint sealants expressed by the built up of the tensile properties during the cure.
prEVS 52700
Tähtaeg: 2002-07-01
Identne prEN 14187-2:2001
Cold applied joint sealants - Test methods - Part 2: Determination of tack free time

This European Standard specifies a test method for determination of the tack free time for cold applied joint sealants for use in joints in roads, air fields and other exposed concrete pavements.
prEVS 52701
Tähtaeg: 2002-07-01
Identne prEN 14187-3:2001
Cold applied joint sealants - Test methods - Part 3: Determination of self-levelling properties
This European Standard specifies a test method for determination of the self levelling properties for cold applied joint sealants for use in joints in roads, air fields and other exposed concrete pavements.
prEVS 52702
Tähtaeg: 2002-07-01
Identne prEN 14187-4:2001
Cold applied joint sealants - Test methods - Part 4: Change in mass and volume after immersion in test fuel
This European Standard applies to a method of evaluating the resistance of cold applied joint sealants to the action of liquids by measuring the change in mass and volume after immersion in test fuel.
prEVS 52703
Tähtaeg: 2002-07-01
Identne prEN 14187-5:2001
Cold applied joint sealants - Test methods - Part 5: Resistance to hydrolysis
This European Standard applies to the determination of the resistance to hydrolysis after treatment at elevated temperature and high humidity.
prEVS 52704
Tähtaeg: 2002-07-01
Identne prEN 14187-6:2001
Cold applied joint sealants - Test methods - Part 6: Adhesion/cohesion properties after immersion in chemical liquids
This European Standard applies to the determination of the adhesion/cohesion properties after immersion in test fuel.
prEVS 52705
Tähtaeg: 2002-07-01
Identne prEN 14187-7:2001
Cold applied joint sealants - Test methods - Part 7: Determination of resistance to flame
This European Standard specifies a test method for determination of the resistance to flame for cold applied joint sealants for use in joints in roads, air fields and other exposed concrete pavements.
prEVS 52706
Tähtaeg: 2002-07-01
Identne prEN 14187-8:2001
Cold applied joint sealants - Test methods - Part 8: Artificial weathering by UV-irradiation
This European Standard applies to a method of evaluating the resistance of cold applied joint sealants to the action of UV-light by determination of the change of physical properties after irradiation by artificial UV-light.
prEVS 52798
Tähtaeg: 2002-07-01
Identne prEN 13863-5:2001
Concrete pavements - Test methods - Part 5: Determination of wear resistance to studded tyres
This European Standard describes a test method for determination of wear resistance of specimens cut from hardened concrete pavements. It is possible to use the method for testing moulded specimens from laboratory.

97.100.20 Gaasiga köetavad kütteseadmed

Gas heaters

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52796
Tähtaeg: 2002-07-01
Identne EN 509:1999/prA2:2002
Decorative fuel- effect gas appliances
This European Standard specifies the requirements and test methods for the construction, safety, and marking of decorative fuel effect gas appliances not exceeding a nominal heat input of 20 kW, (based on the net calorific value), thereafter referred to as applinaces. This standard is applicable to appliances that are designed to simulate a solid fuel fire and incorporate a natural draught burner with or without an ignition burner. The appliances are for decorative purposes only and are not heating appliances.

97.150 Mittetekstiilsed põrandakatted

Non-textile floor coverings

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52850
Tähtaeg: 2002-07-01
Identne prEN 13553:2001
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.

97.190 Seadmed lastele

Equipment for children

KAVANDITE ARVAMUSKÜSITLUS

prEVS 25075
Tähtaeg: 2002-07-01
Identne prEN 1887:2001
Child care articles - Convertible high chairs - Safety requirements and test methods
This European standard specifies safety requirements and the corresponding test methods for children's convertible high chairs for domestic use intended for children up to 15 kg.
prEVS 32819
Tähtaeg: 2002-07-01
Identne prEN 12790:2001
Child care articles - Reclined cradles
This standard specifies safety requirements and the corresponding test methods for fixed or folding reclined cradles intended for children up to 6 months and or up to a weight of 9 kg.
prEVS 52835
Tähtaeg: 2002-07-01
Identne EN 1176-1:1998/A1:2002

Mänguväljaku seadmed. Osa 1: Üldised ohutusnõuded ja katsemeetodid
This standard specifies general safety requirements for playground equipment. These requirements have been laid down bearing in mind the risk factor based on available data. Additional specific safety requirements for specific pieces of playground equipment are specified in subsequent parts of this standard. This standard is applicable to playground equipment intended for individual and collective use by children, but excluding adventure playgrounds. It is also applicable to equipment and units installed as children's playground equipment although they are not manufactured as such, but excludes those items defined as toys in EN 71 and the Toy Directive.

97.200.40
Mänguväljakud

Playgrounds

UUED STANDARDID

EVS-EN 1177:2000/A1:2002
Hind 49,00
Identne EN 1177:1997/A1:2001
Lööke summutav mänguväljaku kate. Ohutusnõuded ja katsemeetodid. MUUDATUS
Käesolev standard määrab kindlaks nõuded lastemänguväljakute katetele ja erinõuded piirkondade kohta, kus löögi sumbumine on vajalik. See pakub tegureid, millega tuleb mänguväljaku katet valides arvestada ja annab testimismeetodi, mille abil saab löökide sumbumist määrata: see test annab pinna jaoks kriitilise kukkumiskõrguse, mis vastab peavigastuste vähendamise tõhususe ülempiirile normdokumendi EN 1176 nõuetele vastavat mänguväljaku varustust kasutades.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52835
Tähtaeg: 2002-07-01
Identne EN 1176-1:1998/A1:2002
Mänguväljaku seadmed. Osa 1: Üldised ohutusnõuded ja katsemeetodid
This standard specifies general safety requirements for playground equipment. These requirements have been laid down bearing in mind the risk factor based on available data. Additional specific safety requirements for specific pieces of playground equipment are specified in subsequent parts of this standard. This standard is applicable to playground equipment intended for individual and collective use by children, but excluding adventure playgrounds. It is also applicable to equipment and units installed as children's playground equipment although they are not manufactured as such, but excludes those items defined as toys in EN 71 and the Toy Directive.
prEVS 52836
Tähtaeg: 2002-07-01
Identne EN 1176-5:1998/A1:2002
Playground equipment - Part 5: Additional specific safety requirements and test method for carousels
This standard specifies additional safety requirements for carousels of diameter greater than 0,5 m intended for permanent installation for use by children. This standard is applicable to carousels that are used as playground equipment for children and is not applicable to motor-driven carousels, fairground carousels or climbing drums.
prEVS 52837
Tähtaeg: 2002-07-01
Identne EN 1176-6:1998/A1:2002
Mänguväljaku seadmed. Osa 6: Täiendavad spetsiaalsed ohutusnõuded ja katsemeetodid õõtsumisvahendite jaoks
This standard specifies additional safety requirements for see-saws and rocking equipment intended for permanent installation for use by children. The aim is to provide protection to the user against possible risks during use.

97.220.40
Välis- ja veespordi tarbed

Outdoor and water sports equipment

UUED STANDARDID

EVS-EN 1384:1999/A1:2002
Hind 57,00
Identne EN 1384:1996/A1:2001
Ratsutamiskiivrid. MUUDATUS
Käesolev Euroopa standard määrab kindlaks nõuded nokaga või nokata kaitsekiivritele ratsutamisega tegelevate inimeste jaoks. Standard esitab ohutusnõuded, mis hõlmavad testimismeetodeid ja tõhususe tasemeid löögi summutamise, teiste kehade sissetungimisvastase kaitsevõime ning kinnitussüsteemi tugevuse ja efektiivsuse määramiseks ning noka olemasolul selle kalde määramiseks.

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