

EESTI STANDARDIKESKUS

EVS TEATAJA

7/2002

Ilmub üks kord kuus alates 1993. aastast

ELEKTRIALA STANDARDIMISEST
EHITUSE STANDARDIMISEST
HARMONEERITUD STANDARDID
AUDITISTANDARDI KAVAND HÄÄLETUSEL
SUVELUGEMIST

ISSN 1406-0698

EVS

EVS Teataja

EESTI STANDARDIKESKUSE
igakuine ametlik väljaanne

10. aastakäik
ISSN 1406-0698

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EESTI UUDISED

TOIMETAJA VEERG

Toote nõuetele vastavuse tõendamise seaduse muutmise seadus
RT I 2002, 44, 282

Käesolev seadus sätestab nõuded eri liiki toodete nõuetele vastavuse tõendamisele, volitatud asutustele ja tunnustatud asutustele niivõrd, kuiivõrd see on ette nähtud teise õigusaktiga.

§ 2. Mõisted käesoleva seaduse tähenduses

(3) Volitatud esindaja on Eestis alaliselt elav füüsiline isik või seadusega või seaduse alusel asutatud Eesti juriidiline isik, keda tootja on volitanud täitma käesolevas seaduses sätestatud volitatud esindaja funktsioone.

(8) Kvaliteedisüsteem on tootja poolt rakendatud toote nõuetele vastavuse tagamiseks vajalik organisatsiooniline struktuur, protseduurid ja ressursid.

(9) Vastavushindamine on menetlus, mille eesmärk on teha kindlaks toote või kvaliteedisüsteemi vastavus nõuetele.

(10) Vastavusdeklaratsioon on kirjalik kinnitus, et toode vastab sellele õigusaktiga esitatud nõuetele ja selle suhtes on järgitud õigusaktis sätestatud toote nõuetele vastavuse tõendamise korda.

(11) Vastavusmärk on sümbol, mis näitab, et toode vastab sellele õigusaktiga esitatud nõuetele ja selle suhtes on järgitud õigusaktis sätestatud toote nõuetele vastavuse tõendamise korda.

(12) Vastavussertifikaat on kirjalik kinnitus, et toode või kvaliteedisüsteem vastab õigusakti kohaselt hindamisele kuuluvatele nõuetele.

(13) Tunnustatud asutus on:

- 1) vastavushindamise protseduure teostav isik, kellele on käesoleva seaduse 5¹. peatükis sätestatud korras antud õigus tegutseda tunnustatud asutusena;
- 2) vastavushindamise protseduure teostav isik, kes asub Euroopa ühenduste liikmesriigis ja kellest on teavitatud Euroopa Komisjoni ja Euroopa ühenduste liikmesriike, kui selline teavitamine on toimunud enne Eesti ühinemist Euroopa Liiduga või vastava välislepingu jõustumist;
- 3) vastavushindamise protseduure teostav isik, kes asub Euroopa ühenduste liikmesriigis ja kellest on teavitatud Euroopa Komisjoni ja Eestit, kui selline teavitamine on toimunud pärast Eesti ühinemist Euroopa Liiduga või vastava välislepingu jõustumist;
- 4) välislepingus ettenähtud vastavushindamise protseduure teostav isik;
- 5) vastavushindamise protseduure teostav isik, kes on nende protseduuride teostamiseks akrediteeritud ja asub Maailma Kaubandusorganisatsiooni liikmesriigi territooriumil, välja arvatud Euroopa ühenduste liikmesriigi territooriumil asuv isik.

(14) Akrediteerimisasutus on:

- 1) akrediteerimist teostav isik, kellele on käesoleva seaduse 5². peatükis sätestatud korras antud õigus tegutseda Eesti akrediteerimisasutusena;
- 2) akrediteerimist teostav isik, kes on liitunud Euroopa akrediteerimisalase koostöö assotsiatsiooniga (*European co-operation for Accreditation*) ja nimetatud assotsiatsiooni mitmepoolse lepinguga (*Multilateral Agreement of European co-operation for Accreditation*);
- 3) välislepingus ettenähtud akrediteerimist teostav isik.»

§ 26¹. Tunnustatud asutus

(1) Tunnustatud asutused on:

- 1) teavitatud asutused;
- 2) inspekteerimisasutused;
- 3) kompetentsed asutused;
- 4) heakskiidetud asutused;
- 5) muud õigusaktis sätestatud asutused.

PLANEERIMIS- JA EHTUSSEADUSE MUUTMISE
SEADUS 13.06.2001 (RT I 2001, 65, 377) 22.07.2001



Tehnilise normi ja standardi seaduse muutmise seaduse (RT I 2002, 32, 186) kohaselt hakkab EVS nüüdsest avaldama teavet harmoneeritud standardite ja Eesti standardiks ülevõetud harmoneeritud standardite kohta. Käesolevas EVS Teataja numbris ilmub 2002. a märtsis ja aprillis Euroopa Ühenduse ametlikus väljaandes viidatud lõbusõidulaevade ja surveseadmete direktiivi alla käivate harmoneeritud standardite loetelu.

Lugeda saab nii elektriala kui ka ehituse standardimisest.

Oma muljeid standardite info- ja müügikorraldusest Islandil ja Soomes jagab Kristel Schwede. Uued eestikeelsed standardid on seekord betooni katsetamise standardid ja hoone projekti standard, mida illustreerib kaanepilt Eesti paviljonist Hannoveri 2000. a maailmanäitusel.

Hääletusele on pandud kvaliteedi- ja keskkonnanähtimissüsteemide auditistandardi kavand ISO/FDIS 19011 ning seitse algupärast ehitusprojekteerimisstandardi kavandit.

Järgmine EVS Teataja ilmub kaksiknumbrina septembri alguses.

Päikselist, muljeterohket ja kosutavat suvepuhkust kõigile meie lugejatele!

Anne Laimets
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Paragrahv 44. Ehitusnormid ja -standardid

- (1) Ehitusmaterjalidele, -toodetele ja -konstruktsioonidele ning ehituse ohutusele esitatavad nõuded kehtestatakse normide ja standarditega.
- (2) Normide väljatöötamise ja kehtestamise korra kehtestab Vabariigi Valitsus.
- (3) Välisriikide ja rahvusvaheliste normide kasutamise korra kehtestab Vabariigi Valitsus.
- (4) Ehitusnormidega kehtestatavad nõuded peavad olema praktiliselt kontrollitavad.

Paragrahv 45. Ehitusmaterjalide ja -toodete kvaliteedi tagamine

- (1) Ehitusmaterjale ja -tooteid tohib kasutada ehituses, kui nende vastavus normidele ja standarditele on kontrollitud ja tõendatud vastavalt Vabariigi Valitsuse kehtestatud korrale.
- (2) Ehitusmaterjalide ja -toodete kvaliteedi ning tehnilistele normidele ja nõuetele vastavuse tagavad:
 - 1) kohalike toodete puhul nende tootjad ja müüjad;
 - 2) imporditud toodete puhul nende maaletoojad ja müüjad.
- (3) Käesoleva paragrahvi 2. lõikes nimetatud isikud peavad varustama turustatavad ehitusmaterjalid ja -tooted informatsiooniga nende omaduste ja kasutusala kohta vastavalt Vabariigi Valitsuse kehtestatud korrale.

KÜTTEGAASI OHUTUSE SEADUS RTI, 18.06.2002, 49, 311

Vastu võetud 22. mail 2002. a

ELEKTRIOHUTUSSEADUS RTI, 18.06.2002, 49, 310

Vastu võetud 22. mail 2002. a

SURVESEADME OHUTUSE SEADUS RTI, 18.06.2002, 49, 309

Vastu võetud 22. mail 2002. a

KAUBAMÄRGISEADUS RTI, 18.06.2002, 49, 308

Vastu võetud 22. mail 2002. a

Sotsiaalministri 17. mai 2002. a määrusega nr 78 kehtestati Vibratsiooni piirväärtused elamutes ja ühiskasutusega hoonetes ning vibratsiooni mõõtmise meetodid. RTL, 29.05.2002, 62, 931

- (1) Üldvibratsiooni on soovitatav mõõta mõõtevahenditega, mis vastavad EVS-EN 60651:2001, IEC 61260:1995 ja ISO 8041:1990 nõuetele.
- (3) Üldvibratsiooni on soovitatav mõõta ja hinnata ISO 2631-1:1997, ISO 2631-2:1989, ISO 5349-1:2001 ja *Nordtest Method NT ACOU 082 (Buildings: Vibration and shock, 1991)* meetodite järgi.

- 10. juunil leidis aset viies Euroopa Liidu ja Eesti assotsiatsioonikomitee istung Brüsselis. Delegatsioone esindasid Euroopa Komisjoni Delegatsiooni juht Eestis John Kjaer ja Eesti välisministeeriumi Euroopa integratsiooni osakonna peadirektor Katrin Saarsalu. Komitee vaatas üle Eesti poliitilise, administratiivse, kohtuvõimu ja majanduse arengu ning kiitis heaks aset leidnud progressi mitmetes valdkondades: muulaste integreerimises, majanduses, kaupade (kuhu alla kuulub ka standardimine), teenuste ja kapitali vabas liikumises, konkurentsipoliitikas, põllumajanduses, tarbija- ja tervisekaitses jpt. Euroopa Liit julgustas Eestit tegema edasisi samme kohtusüsteemi kaasajastamisel, töötuse vastu võitlemisel, põlevkivitööstuse ümberstruktureerimisel jt valdkondades.
- Euroopa Komisjon tegi ettepaneku uuteks inimkudede ja rakkude kvaliteedi- ning ohutusstandardite kasutamiseks teraapias Euroopa Liidus. Meetme eesmärk on kindlustada kohustuslikud nõuded substantsidele, mis antakse doonorilt patsiendile. Direktiivi ettepanekuga nõutakse esimest korda selles valdkonnas üle-euroopalist tegevusregistrit, kehtestatakse miinimum kvaliteedi- ja ohutusnõuded ning vajalik erialane ettevalmistus ja väljaõpe. Direktiivi raames kehtestatakse ka kohustuslikud miinimum standardid ning protseduurid kudede ja rakkude doonorluse, testimise, hankimise, töötlemise, säilitamise ja varustamise osas.
[http://www.europa.eu.int/rapid/start/cgi/guesten.ksh?p_action.gettxt=gt&doc=IP/02/894|0|RAPID&lg=EN&display=\)](http://www.europa.eu.int/rapid/start/cgi/guesten.ksh?p_action.gettxt=gt&doc=IP/02/894|0|RAPID&lg=EN&display=))
- 27. - 28. juunil toimus Standardikeskuses Hispaania Standardiorganisatsiooniga läbiviidava projekti raames elektriala standardimise seminar valgustamaks standardimisest saadavat kasu, Eesti tööstuse kaasamist elektriala standardimisse ja vastavateemalist standardimist Euroopas. Vt lk 5.

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(hõlmab meditsiini-, transpordi-, finants- ja tehnilisi teenuseid, nende põhistandardeid ja arenguperspektiive. Teisel päeval teenustealased uuringud, e-äri, e-õpe, e-riik jne)

www.cenorm.be

ELEKTRIALA STANDARDIMISEST EESTIS

Eelseisev ühinemine Euroopa Liiduga seab Eesti ettevõtjate ja tööstuse ette paratamatult küsimuse, kuidas tulla toime tiheneva konkurentsi tingimustes, mida teha selleks, et ühtsel siseturul tegutsemiseks valmis olla ja seal ellu jääda. Eesti riigi ülesanne EL kandidaatriigina on olnud ette valmistada seadusandlik baas ja –raamistik, mis vastab avatud turumajanduse printsiipidele ning oleks kooskõlas liikmesriikide peamiste arengusuundade ja põhimõtetega. WTO-ga liitumine on juba avanud Eestile võimaluse vabalt ja piiranguteta kaubelda arenenud maadega, turgude integratsioon areneb kiiresti ja võimsalt. Ühelt poolt on see selgelt positiivne suund, kuigi alati ei tee see ettevõtja elu lihtsamaks. Konkurentsis püsimise nimel tuleb kursis olla ja edasi arendada uusi tehnoloogiaid, suuremal määral kui seni arvestada toote keskkonnakaitse- ja ohutusnõuetega. See toob sageli kaasa vajaduse leida täiendavat raha ning investeeringuid.

Üheks siduvaks lüliks seadusandluse ja toote-teenuse vahel on ühtlustatud tehnilised normid ja standardid. Euroopas ja maailmas toimub standardimisalane tegevus rahvusvahelistes ja Euroopa standardiorganisatsioonides, mille täisliikmeks ka Eesti peab tulevikus saama. EL kandidaatriigina oleme juba liitunud liikmed Euroopa standardiorganisatsioonides, kuid täisliikme staatus nõuab enamat. Selleks on tarvis tõestada, et meil on piisavalt arenenud ettevõtluskeskkond ja struktuur, et olla valmis järgima Euroopa ja teiste riikide praktikat standardite koostamisel ja rakendamisel. Eesti Standardikeskus on institutsioon, mille kaudu standardite ja tehniliste normide alane koostöö Euroopa ja rahvusvahelisel tasandil ellu viiakse. Selleks on standardiorganisatsioonidel protseduurireeglid ja kord, kuidas rahvuslikud komiteed saaksid operatiivselt kätte vajaliku info ja võimaluse oma seisukohtade avaldamiseks.

Elektrotehnika valdkonnas on kaks standardiorganisatsiooni: CENELEC (Euroopa Elektrotehnikakomitee) peasekretariaadiga Brüsselis ja IEC (Rahvusvaheline Elektrotehnikakomisjon) sekretariaadi asukohaga Genfis, mis töötavad välja rahvusvaheliselt kehtivaid standardeid ja standardilaadseid dokumente elektri-,

elektroonika jms tehnoloogiate ja seadmete ning nende üldnõuete ja katsemeetodite osas. Mõlemad standardiorganisatsioonid on omavahel tihedates koostöösidemetes ning teevad koostööd ka teiste standardiorganisatsioonidega. Kuna Eestil lasub kohustus üle võtta CENELECI standardid Eesti standarditeks vähemalt 80% ulatuses, on hädavajalik, et meie eksperdid, firmad, erialaliidud ja teadusasutused oleksid kursis Eestile huvipakkuvate elektriala standarditega, osaleksid nende ülevõtmise protsessis, vajadusel ka tõlkimisel, ning muudes standardimisega kaasnevates tegevustes (arvamuse esitamine jne).

Praegune olukord Eestis elektrotehnika standardimisel on suhteliselt keeruline. Varem eksisteerinud Eesti Elektrotehnika Komitee lõpetas oma tegevuse 2001.a. märtsis ning kohustus selle valdkonna standardimisega tegelda viidi üle Eesti Standardikeskuse pädevusse.

Kuigi Elektrotehnika Komitee tegi ära küllalt palju elektriala standardimise ettevalmistamisel, jäi siiski suur osa kavandatust teostamata. Selleks oli mitmeid põhjuseid, millest üheks oli rahapuudus ning elektrifirmade vähene huvi panustada standardimistegevusse. Tundus, et firmad sellel etapil ei saanud päris täpselt aru standardimise vajalikkusest ja kuna loodetud kasu sellest tegevusest tuleb firmale kätte alles pikemas perspektiivis, oli komiteesse kuuluvate firmade põhihuvi ikkagi suunatud vaid üksikute standardite väljatöötamisele.

Euroopa ja rahvusvaheliste standardiorganisatsioonide praktika tehniliste komiteede ja töörühmade moodustamiseks on sobiv vorm ka Eesti jaoks, kuna näeb ette korra, et tehnilist komiteed (edaspidi TK) saavad moodustada juriidilised isikud, keda peab olema vähemalt kolm. See tagab, et leitakse ühtsed ja konsensuspõhised lahendused standardite koostamisel.

Käesoleval ajal on elektriala standardimine saanud sisse uue hoo. Peaaegu aastase vaheaja järel tulid kokku olemasolevate elektrisektori erialaliitude, TTÜ elektroenergeetika spetsialistide ja AS Eesti Energia, Tehnilise Järelevalve Inspektsiooni ning AS

Elektrikontrollikeskuse esindajad, et selgitada võimalused ja vahendid elektriala standardimise jätkamiseks. Esimeseks sammuks oli määratleda elektri tootmise, seadmete ja teenuste valdkonnad, kus Eesti on tegev ning milliste CENELEC ja IEC tehniliste komiteedega oleks tarvis luua sidemed, samuti välja selgitada ettevõtted ja firmad, keda töörühmadesse kaasata. Esialgne otsus oli, et tuleks moodustada vähemalt 6 rahvuslikku tehnilist komiteed elektrotehnika valdkonnas:

- > Kõrgepinge
- > Madalpinge paigaldised ja seadmed
- > Terminoloogia, tingmärgid ja tehniline dokumentatsioon
- > Elektrimasinad
- > Elektrisüsteemide juhtimine
- > Valgustus

Praeguseks on Eesti Standardikeskuse juurde loodud ja tööd alustanud kaks tehnilist komiteed: Kõrgepinge standardimise TK ja Madalpinge standardimise TK. Mõlema nimetatud komitee ülesandeks käesoleval etapil on saada täpne ülevaade valdkonna standarditest ning teha valik neist

dokumendid, mille ülevõtt kas tõlke- või muul meetodil oleks esmatähtis. Eelkõige kuuluvad siia alla nn Uue lähenemisviisi direktiivide alla kuuluvad ja elektriala seadmete ja süsteemide koostöömiseks vajalikke nõudeid sätestavad standardid, mis pakuvad üldisemat huvi ja reguleerivad elektriala tehnoloogilist poolt tervikuna.

Ehkki kahe komitee tegevus on käivitunud, on siiski mitmeid probleeme, mis lähiajal lahendamist nõuavad. Peamiseks mureks on rahastamise küsimused, eelkõige raha leidmine tõlkevajaduseks. Elektriala ettevõtete, rääkimata erialaliitudest, õppe- ja teadusasutustest või eelarvelistest järelevalveorganitest, olukord ei ole momendil selline, mis võimaldaks katta kõik standardimistegevusega kaasnevad kulud. Loodud komiteede asutajaliikmete üksmeelne otsus oli, et praegusel etapil on elektriala standardimise edendamine ilma riigipoolse toetuse ja abita mõeldamatu. Riigi tasandil on vaja teadvustada standardimise tähtsust.

Mare Annsoo

EVS elektrotehnika spetsialist

SEMINAR ELEKTRIALA STANDARDIMISEST

27. - 28. juunil toimus Standardikeskuses Phare programmi raames seminar elektriala standardimisest Eestis. Seminari alapealkiri oli "Võimalused ja väljakutse kohalikule tööstusele".

Lektoriteks olid Pablo A. Corróns Cresoi ja Javier Lopez Jaumandreu Hispaania standardiorganisatsioonist AENOR.



Seminari juhatas sisse EVS spetsialist Mare Annsoo, kes tegi ülevaate elektriala standardimisest hetkeseisust Eestis. Sellest võite lugeda eelnevast artiklist.

Hispaanlased valgustasid kõigepealt standardimisest saadavat kasu ettevõtetele, seadusandjatele, tarbijatele, standardite kasutajatele ning avalikes pakkumistes osalejatele.

Kokkuvõtvalt võib öelda, et standardimisest saadav kasu on:

- toodete kiirem eksport
- varajane siseinfo
- madalamad kaubandustõkked paljudes sektorites
- väiksemad kaubakulud firmadele
- lepinguliste suhete lihtsustumine
- tehingukulude vähenemine
- firma osakondade vahelise suhtluse lihtsustumine
- sõltuvuse vähenemine ühest tarnijast
- uurimis- ja teadustegevuse riski vähenemine

- õnnetusjuhtumite vähenemine ettevõttes
- varane juurdepääs infole ja korralik tooteinfo
- standardid võimaldavad tarbijail võrrelda erinevaid tootepakkumisi
- seadusandlike tekstide lihtsustumine
- avalikud teenused - ausad pakkumised avalike ressursside ratsionaalne ja efektiivne kasutamine
- kooskõlastatud eeskirjad
- keskkonnakaitse
- ohutus- ja kvaliteeditaseme parandamine
- toodete võrreldavus

Järgnevalt räägiti standardite ja seadusandluse seostest. Toimus diskussioon standarditele viitamise seadusandluses. Saime veelkord kinnitust, et seadusandluse lihtsustumine on võimalik standarditele viitamise teel, mitte aga ei tohiks praktiseerida massilist nõuete sissekirjutamist seadusandlusesse. Selleks, et seoses tehnoloogia arengu ja standardite kaasajastamisega poleks vaja iga kord seadusandlust muuta, on ka Hispaanias kasutusel dateerimata viite meetod. See tähendab, et seadusandluses on standardi tähis ilma väljaandmisaastata. Standardi ümbervaatamisel ei ole siis vajalik seadusandluse muutmine. Viide kehtib alati standardi viimasele versioonile.

Edasi andsid lektorid vastused küsimustele - mis on standard, kes teevad standardeid, kuidas, millal, miks ja kus tehakse standardeid.

Standardeid valmistatakse ette tehnilistes komiteedes, mille moodustamisest, ülesannetest ja tööst said kooslijad ülevaate. Seejuures

rõhutati tehnilise komitee liikmena võimalust olla kursis kõige varajasema infoga. Tutvustati ka Vilamoura protseduuri, mis kujutab endast CLC protseduuri, mille järgi rahvuslik komitee teavitab uue algupärase standardi kavandamisest või ümbervaatamisest nii, et kõigil asjastu- vitatutel on võimalik seda kommenteerida.

Teisel päeval käsitleti põhjalikult Uut ja globaalset lähenemisviisi ning võrreldi seda Vana lähenemisviisiga. Teatavasti on Vana lähenemisviisi direktiivid väga üksikasjalikud ja kehtivad vaid kindla toote kohta, Uue lähenemisviisi direktiivides esitatakse ainult olulised ohutusnõuded teatud toodete rühmale ning üksikasjalikud nõuded tuuakse juba direktiivi juurde kuuluvates harmoneeritud standardites.

Ettekandjad rõhutasid, et harmoneeritud standardite kasutamine on vabatahtlik. Direktiivi nõuete täitmise tõendamiseks võib kasutada ka muid meetodeid, mis on aga tunduvalt keerukam, aeganõudvam ja ka kulukam.

Lektorid andsid ka ülevaate globaalsest lähenemisviisist vastavushindamisele, vastavushindamise moodulitest, CE märgistusest ja selle pealepanekust toodetele ning volitatud asutustest ja turujärelevalvest. Seminarist osavõtjate täpsustusel on nüüd Eesti seadusandluses "volitatud" asutuse asemel kasutusel termin "teavitatud" asutus (notified body).

Ettekandjad rõhutasid mitmel korral, et vastutus toote ohutuse eest lasub ennekõike tootjal.

Anne Laimets
EVS peaseptsiolist

EUROOPA EHTUSKONSTRUKTSIOONIDE PROJEKTEERIMISE STANDARDID

Jätkame CEN Eurokoodeksite standardisarja tutvustamist. Eelmised selleteemalised artiklid ilmusid ligi poolteist aastat tagasi (vt EVS Teataja 1/2001 lk 8-9 ja 2/2002 lk 9-11). Vahepeal on Eurokoodeksite programm jõudsalt arenenud. Kõigepealt tuleb märkida, et seoses vajadusega kiirendada ehitustoodete direktiivi 89/106/EMÜ elluviimist on Euroopa Komisjon Eurokoodeksite väljatöötamise ja

rakendamise kohta välja andnud juhised *Guidance paper L*. Sellest tulenevalt on CEN juurutamas menetlust, mille kohaselt peale projekti jõudmist tööühma lõppkavandi staadiumi 34 algab maksimaalselt 6 kuud kestev nn "läbivaatusperiood" (*examination period*), mille jooksul võivad kavandite kohta lisaks alamkomitee liikmetele ka riigivõimuorganid oma arvamust avaldada.

Eurokoodeksite kaks esimest projekteerimise aluste standardikavandit (prEN 1990 ja prEN 1991-1-1) on juba saanud Euroopa standardi staatuse. Neile TC 250 alamkomitee SC 1 poolt ette valmistatud standarditele on peatselt tulemas lisa, sest tulekahju- ja lumekoormuste ning sildade liikluskoormuste standardikavandid (vastavalt prEN 1991-1-2, prEN 1991-1-3 ja prEN 1991-2) on jõudnud formaalsele lõpphääletusele ning tuulekoormuste standardikavandit prEN 1991-1-4 valmistatakse ette lõpphääletuseks. Ka enamuse teisi TC 250 alamkomiteesid on olnud aktiivsed.

Betoonkonstruktsioonide alamkomitee SC 2 on esitanud formaalsele lõpphääletusele standardi Eurokoodeks 2 üldreeglite osa kavandid prEN 1992-1-1 ja prEN 1992-1-2. Lõpphääletuseks valmistatakse ette ka SC 3 teraskonstruktsioonide standardi Eurokoodeks 3 esimese ja kolmanda osa kavandeid (prEN 1993-1-1, prEN 1993-1-2, prEN 1993-1-8, prEN 1993-1-9, prEN 1993-1-10 ja prEN 1993-3). Käesoleval aastal toimub hääletus komposiitkonstruktsioonide standardi Eurokoodeks 4

üldreeglite osa kavandi prEN 1994-1-1 üle (SC 4). Oma esimesed Eurokoodeks 5 osade kavandid prEN 1995-1-1 ja prEN 1995-1-2 saatis lõpphääletusele puitkonstruktsioonide alamkomitee SC 5. Kivikonstruktsioonide standardi Eurokoodeks 6 kavandi prEN 1996-1-1 läbivaatusperioodi tulemusi arutab SC 6 oma kokkutulekul detsembris 2002 ning geotehnilise projekteerimise standardi Eurokoodeks 7 esimest osa prEN 1997-1 käsitleb SC 7 juuli alguses. Maavärinakindluse projekteerimise standardi Eurokoodeks 8 kavandite prEN 1998-1 ja prEN 1998-5 lõpphääletusele saatmist kaalutakse peatselt Viinis algaval SC 8 koosolekul. Alanud on ka töö alumiiniumkonstruktsioonide projekteerimise standardiga Eurokoodeks 9, mille eelstandard otsustati suure hääleteenamusega muuta Euroopa standardiks ning mille esimesi tööühmavandeid loodetakse arutada k.a juulis Münchenis toimuval SC 9 koosolekul. Kokkuvõtte kõigest Eurokoodeksite sarja kuuluvatest projektidest on esitatud alljärgnevas tabelis.

	Standard või standardikavand	Nimetus ja projekti tähis (WI)	Eelstandardid, mida EN asendab või hakkab asendama
1	EN 1990:2002	Eurocode: Basis of structural design (WI 00250076)	ENV 1991-1:1994
2	EN 1991-1-1:2002	Eurocode 1: Actions on structures - Part 1-1: General actions - Densities, self-weight and imposed loads (WI 00250087)	ENV 1991-2-1:1995
3	prEN 1991-1-2	Eurocode 1: Actions on structures - Part 1-2: Actions on structures exposed to fire (WI 00250095)	ENV 1991-2-2:1995
4	prEN 1991-1-3	Eurocode 1: Actions on structures - Part 1-3: General actions - Snow loads (WI 00250088)	ENV 1991-2-3:1995
5	prEN 1991-1-4	Eurocode 1: Actions on structures - Part 1-4: Actions on structures - Wind actions (WI 00250089)	ENV 1991-2-4:1995
6	prEN 1991-1-5	Eurocode 1: Actions on structures - Part 1-5: General actions - Thermal actions (WI 00250114)	ENV 1991-2-5:1997
7	prEN 1991-1-6	Eurocode 1: Actions on structures - Part 1-6: General actions - Actions during execution (WI 00250115)	ENV 1991-2-6:1997
8	prEN 1991-1-7	Eurocode 1: Actions on structures - Part 1-7: General actions - Accidental actions due to impact and explosions (WI 00250132)	ENV 1991-2-7:1998
9	prEN 1991-2	Eurocode 1: Actions on structures - Part 2: Traffic loads on bridges (WI 00250096)	ENV 1991-3:1995
10	prEN 1991-3	Eurocode 1: Actions on structures - Part 3: Actions induced by cranes and machinery (WI 00250133)	ENV 1991-5:1998
11	prEN 1991-4	Eurocode 1: Actions on structures - Part 4: Actions in silos and tanks (WI 00250097)	ENV 1991-4:1995
12	prEN 1992-1-1	Eurocode 2: Design of concrete structures - Part 1-1: General - Common rules for building and civil engineering structures (WI 00250072)	ENV 1992-1-1:1991, ENV 1992-1-3:1994, ENV 1992-1-4:1994, ENV 1992-1-5:1994 ENV 1992-1-6:1994
13	prEN 1992-1-2	Eurocode 2: Design of concrete structures - Part 1-2: General - Structural fire design (WI 00250098)	ENV 1992-1-2:1995
14	prEN 1992-2	Eurocode 2: Design of concrete structures - Part 2: Bridges (WI 00250116)	ENV 1992-2:1996
15	prEN 1992-3	Eurocode 2: Design of concrete structures - Part 3: Liquid retaining and containment structures (WI 00250134)	ENV 1992-4:1998
16	prEN 1993-1-1	Eurocode 3: Design of steel structures - Part 1-1: General - Common rules (WI 00250106)	ENV 1993-1-1:1992

17	prEN 1993-1-2	Eurocode 3: Design of steel structures - Part 1-2: General - Structural fire design (WI 00250099)	ENV 1993-1-2:1995
18	prEN 1993-1-3	Eurocode 3: Design of steel structures - Part 1-3: General - Cold formed thin gauge members and sheeting (WI 00250117)	ENV 1993-1-3:1996
19	prEN 1993-1-4	Eurocode 3: Design of steel structures - Part 1-4: General - Structures in stainless steels (WI 00250118)	ENV 1993-1-4:1996
20	prEN 1993-1-5	Eurocode 3: Design of steel structures - Part 1-5: General - Strength and stability of planar plated structures without transverse loading (WI 00250119)	ENV 1993-1-5:1997
21	prEN 1993-1-6	Eurocode 3: Design of steel structures - Part 1-6: General - Strength and stability of shell structures (WI 00250135)	
22	prEN 1993-1-7	Eurocode 3: Design of steel structures - Part 1-7: General - Strength of planar plated structures loaded transversely (WI 00250136)	
23	prEN 1993-1-8	Eurocode 3: Design of steel structures - Part 1-8: General - Design of joints (WI 00250107)	ENV 1993-1-1:1992
24	prEN 1993-1-9	Eurocode 3: Design of steel structures - Part 1-9: General - Fatigue strength (WI 00250108)	ENV 1993-1-1:1992
25	prEN 1993-1-10	Eurocode 3: Design of steel structures - Part 1-10: General - Fracture toughness assessment (WI 00250109)	ENV 1993-1-1:1992
26	prEN 1993-1-11	Eurocode 3: Design of steel structures - Part 1-11: General - Use of high strength cables (WI 00250121)	
27	prEN 1993-2	Eurocode 3: Design of steel structures - Part 2: Bridges (WI 00250120)	ENV 1993-2:1997
28	prEN 1993-3	Eurocode 3: Design of steel structures - Part 3: Buildings (WI 00250110)	ENV 1993-1-1:1992
29	prEN 1993-4-1	Eurocode 3: Design of steel structures - Part 4-1: Silos, tanks and pipelines - Silos (WI 00250137)	
30	prEN 1993-4-2	Eurocode 3: Design of steel structures - Part 4-2: Silos, tanks and pipelines - Tanks (WI 00250138)	
31	prEN 1993-4-3	Eurocode 3: Design of steel structures - Part 4-3: Silos, tanks and pipelines - Pipelines (WI 00250139)	
32	prEN 1993-5	Eurocode 3: Design of steel structures - Part 5: Piling (WI 00250140)	ENV 1993-5:1998
33	prEN 1993-6	Eurocode 3: Design of steel structures - Part 6: Crane supporting structures (WI 00250141)	
34	prEN 1993-7-1	Eurocode 3: Design of steel structures - Part 7-1: Towers, masts and chimneys - Towers and masts (WI 00250122)	ENV 1993-3-1:1997
35	prEN 1993-7-2	Eurocode 3: Design of steel structures - Part 7-2: Towers, masts and chimneys - Chimneys (WI 00250123)	ENV 1993-3-2:1997
36	prEN 1994-1-1	Eurocode 4: Design of composite steel and concrete structures - Part 1-1: General - Common rules and rules for buildings (WI 00250131)	ENV 1994-1-1:1992
37	prEN 1994-1-2	Eurocode 4 - Design of composite steel and concrete structures - Part 1-2: General - Structural fire design (WI 00250100)	ENV 1994-1-2:1994
38	prEN 1994-2	Eurocode 4: Design of composite steel and concrete structures - Part 2: Bridges (WI 00250124)	ENV 1994-2:1997
39	prEN 1995-1-1	Eurocode 5: Design of timber structures - Part 1-1: General - Common rules and rules for buildings (WI 00250075)	ENV 1995-1-1:1993
40	prEN 1995-1-2	Eurocode 5: Design of timber structures - Part 1-2: General - Structural fire design (WI 00250101)	ENV 1995-1-2:1994
41	prEN 1995-2	Eurocode 5: Design of timber structures - Part 2: Bridges (WI 00250125)	ENV 1995-2:1997
42	prEN 1996-1-1	Eurocode 6: Design of masonry structures - Part 4-1: General - Rules for reinforced and unreinforced masonry (WI 00250102)	ENV 1996-1-1:1995
43	prEN 1996-1-2	Eurocode 6: Design of masonry structures - Part 1-2: General - Structural fire design (WI 00250103)	ENV 1996-1-2:1995
44	prEN 1996-1-3	Eurocode 6: Design of masonry structures - Part 1-3: General - Detailed rules on lateral loading (WI 00250142)	ENV 1996-1-3:1998
45	prEN 1996-2	Eurocode 6: Design of masonry structures - Part 2: Selection and execution of masonry (WI 00250143)	ENV 1996-2:1998
46	prEN 1996-3	Eurocode 6: Design of masonry structures - Part 3: Simplified calculation methods and simple rules for masonry structures (WI 00250144)	ENV 1996-3:1999
47	prEN 1997-1	Eurocode 7: Geotechnical design - Part 1: General rules (WI 00250094)	ENV 1997-1:1994
48	prEN 1997-2	Eurocode 7: Geotechnical design - Part 2: Design assisted by laboratory testing (WI 00250145)	

49	prEN 1997-3	Eurocode 7: Geotechnical design - Part 3: Design assisted by field testing (WI 00250146)	
50	prEN 1998-1	Eurocode 8 - Design provisions for earthquake resistance of structures - Part 1: General rules, seismic actions and rules for buildings (WI 00250104)	ENV 1998-1-1:1994, ENV 1998-1-2:1994 ja ENV 1998-1-3:1995
51	prEN 1998-2	Eurocode 8: Design provisions for earthquake resistance of structures - Part 2: Bridges (WI 00250113)	ENV 1998-2:1994
52	prEN 1998-3	Eurocode 8: Design provisions for earthquake resistance of structures - Part 3: Strengthening and repair of buildings (WI 00250126)	ENV 1998-3:1996
53	prEN 1998-4	Eurocode 8: Design provisions for earthquake resistance of structures - Part 4: Silos, tanks and pipelines (WI 00250147)	ENV 1998-4:1998
54	prEN 1998-5	Eurocode 8 - Design provisions for earthquake resistance of structures - Part 5: Foundations, retaining structures and geotechnical aspects (WI 00250105)	
55	prEN 1998-6	Eurocode 8: Design provisions for earthquake resistance of structures - Part 6: Towers, masts and chimneys (WI 00250127)	
56	prEN 1999-1-1	Eurocode 9: Design of aluminium structures - Part 1-1: General - Common rules (WI 00250148)	ENV 1999-1-1:1998
57	prEN 1999-1-2	Eurocode 9: Design of aluminium structures - Part 1-2: General - Structural fire design (WI 00250149)	ENV 1999-1-2:1998
58	prEN 1999-2	Eurocode 9: Design of aluminium structures - Part 2: Structures susceptible to fatigue (WI 00250150)	

Kaido Rajur
EVS peaspetsialist

UUS TÖÖTAJA

Alates 11. juunist asus standardiosakonna spetsialistina (tehnilised komiteed)

tööle **Heiki Aasmann**

Sündinud: 22. aprill 1954

Haridus:

Tallinna Polütehniline Instituut (TTÜ) Mehaanikainsener

(Autod ja automajandid)

Tallinna 2. Keskkool (Reaalkool)

Tallinna 39. Keskkool



Keeled: inglise, soome, vene

Töötanud:

Eesti Gaasiliit (peaspetsialist (standardimine))

1996 - 2002

Hamilton Estonia AS (ekspert (kauba kogused ja kvaliteet))

1992 - 1996

Ettevõtte Respekt (transpordijuht)

1990 - 1992

ETKVL KTB (standardiseerimis- ja metrooloogialabori juhataja)

1981 - 1990

Eesti Standardiseerimise ja Metrooloogia Keskus (vaneminsener/sektori juhataja)

1977 - 1981

Abielus, 2 tütart

KUS KÄIDUD, MIDA NÄHTUD

STANDARDITE INFO- JA MÜÜGIKORRALDUSEST ISLANDIL JA SOOMES



Fotol: Kristel Schwede ja Sven Kasemaa Islandi kolleegidega

All autori foto



Maikuu külastasid Islandi ja Soome standardiorganisatsioone EVS direktor Sven Kasemaa, standardiosakonna juhataja Raul Juhanson ja müügijuht Kristel Schwede ning SFS-i lisaks eelpoolnimetatutele ka Signe Ruut. Võrreldes omavahel standardite müügi korraldust ja standardiinfo levitamist Islandil ja Soomes võib järeldada, et töökorraldus on mõlemas organisatsioonis küllalt sarnane, erinevused on tingitud organisatsioonide suuruselt. Islandi Standardiorganisatsioonis on vaid 9 inimest, seetõttu on nende poolt pakutavate teenuste ring ka palju väiksem kui Soomes. Standardite müügiga tegeleb Islandil kaks inimest - müügijuht ja müügisekretär, kes teeb ka standardiorganisatsiooni sekretäri tööd. Turunduse (s.h koolitus ja standardite müük) eest vastutab PR juht.

SFS klientide teenindusosakonnas (raamatukogu ja müük) töötab 13 inimest - viis neist võtab vastu tellimusi, neli tegeleb infotööga, üks paljundamise ja posti jagamisega, üks hooldab trükiste ladu. Turundusega tegeleb müügijuht ja suhtekorraldusega infojuht.

Tasulistest teenustest pakutakse viimase kolme aasta jooksul Islandil ainult koolitusteenust. Teemadeks on CE-märgistamine, ISO 9000 kvaliteedijuhtimissüsteemid ja infoturbe halduse suunised (ISO 17799).

Infoteenuseid osutab IST tasuta. Peamiselt saadetakse kliendile väljaotsitud info meili teel. Elektroonilisest müügist kasutatakse INTRANETI varianti st klient ostab vastavalt kasutajate arvule standardi kas pdf või Wordi failina. Hind sõltub faili tüübist ja kasutajate arvust.

Viiimastel aastatel on hakanud standardeid ostma ka eraisikud, kes saavad ehitusstandarditest kasulikke infot näiteks majade ehitamisel ja ostu-müügi tehingute korral.

SFS teenuste ring on palju laiem - pakutakse järgmisi tasulisi infoteenuseid:

- Tasuline infotelefon, mis sai alguse 90-ndate alguses ja oli siis väga populaarne. Käesoleval ajal helistab veel vaid 1-2 klienti päevas. Enamasti need, kel on kiire ja kes tahavad infot rohkem kui 5 standardi kohta. Tasuta jagatakse infot kuni 5 standardi kohta.

- SFS up-date

Teenuse osutamisega alustati 90-ndate alguses, ostavad peamiselt tööstusettevõtted ja laborid, samuti raamatukogud, kellel on SFS standardite kogu. Algusaastatel käis SFS töötaja teenuse tellinud firmas kohapeal ja kontrollis standardite kehtivust. Nüüd täidab tellija vastava blanketi. Lisaks standarditele kontrollitakse ka direktiivide ja teiste dokumentide kehtivust. Kui klient soovib infot paari standardi kehtivuse kohta, siis selle saab tasuta.

- *Standardibarava* (standardireha) – teavitamine EFTA ja EU maade rahvusstandarditest 12 korda aastas. 11 erinevat teemat (rühma), ühe rühma aastahind on 370 marka. Informatsioon saadakse CMC (*CEN Management Centre*) poolt saadetavatest igakuistest kuuregistritest, kus on kirjas kõik Direktiiv 98/34 nõudel teavitatud algupärased standardid. Teenus on võimalik ka riikide kaupa.

- Antakse välja *Uusia direktiive ja muuta tietoa EU:sta*

Väljaande aastatellimus maksab 1200 marka. Võimalik tellida nii trükitult kui elektrooniliselt. Sisaldab infot 15 valdkonna kohta (nt keskkond, ehitus, vesi, energia, töökeskkond, tervisekaitse jne)

WTO teabekeskusena (mis kuulub ka teenindusosakonda) on SFS-il täita nn "postikana roll". Suurem töö seisnebki teiste liikmesriikide poolt saadetud teatiste laialisaatmises asjastuivatud isikutele ja asutustele/organisatsioonidele.

Dokumendid saadetakse laiali e-postiga. Vastatakse ka WTO liikmesriikidelt saabunud päringutele. Saabuvad päringud püütakse kõik edasi suunata vastava eriala spetsialistidele. Teabekeskus korraldab ka Direktiiv 98/34 raames toimuvat algupärastest standarditest teavitamise protseduuri.

- SFS online kauplus

2001. a septembris avati SFS standardite online-kauplus kodulehekülje aadressil <http://sales.sfs.fi>. Enamus kliente on soovinud osta trükitud standardeid, mis saadetakse neile posti teel.

Otsingusüsteem võimaldab standardite kohta infot otsida standardi numbriga, pealkirja, märksõna, ICS rühma, vastuvõtmise kuupäeva või liigi järgi. Info nupule vajutades saab lisainfot - standardi käsitusala, ICS rühma, lehekülgede arvu, vastuvõtmiskuupäeva, formaadi (PDF, trüki) kohta.

Enne standardi laadimist peab kasutaja end registreerima. Standardeid saab laadida nii pakitult kui pakkimata failina. Pärast laadimist saadetakse kliendile e-postiga teade. Allalaaditud standard on varustatud vastava vesimärgiga, mis sisaldab infot kliendi kohta.

Online-kauplusest ostetud standardite eest saab tasuta krediitkaardi, on-line panga kaudu või posti teel saadetud arve alusel.

Laaditud standardite hind on sama, mis trükitud standardite hind. Laaditud standard on mõeldud ühele kasutajale. Firmad, kes soovivad standardeid kasutada intranetis, peavad SFS-ga sõlmima vastava lepingu.

SFS käsiraamatud on samuti online-kaupluse nimekirjas, kuid neid saab ainult tellida, mitte laadida.

Islandi keelde tõlgitakse ainult väga väike osa standarditest, mis leitakse vajaliku olevat ja millele on tagatud müügiedu. Nagu ka Soomes antakse tõlgitud standardid välja kakskeelsetena Müügiedukaid standardeid müüakse ka kogumikena. Peale ISO 9000 on kõige populaarsemad kogumikud IST EN 1166 Mänguväljakute varustus ja IST EN 60617 Skeemide tingmärgid.

Tõlkekulusid kaetakse reklaamiga, näiteks ISO 9000 esilehel on kirjas tõlkimist toetavate firmade nimed (ISO 9000 järgi sertifitseeritud). Soomes ei lubata kopeerida standardite tekste, kuid on lubatud kliendil jooniste ja tabelite salvestamine oma arvutisse ja nende kasutamine.

Raamatukogude fondide koostis nii Islandil kui Soomes on üpris sarnane, sisaldades rahvusvahelisi, Euroopa kui ka juhtivate tööstusriikide standardeid (nt Islandil DIN, BSI, SIS, DS, NS, Soomes ANSI, ASTM, BS, DIN, DS, GOST, JIS, NS, SIS).

Kliendid saavad kasutada andmebaase FINSTA (Soomes), Perinorm ja elektroonilisi standardeid.

SFS-il on koostöösidemed 15 Soome raamatukoguga (3 ülikooli raamatukogu ja 12 linna-raamatukogu). Kui mõni maakonnas elav klient soovib SFS standardiga tutvuda, vaadatakse kaardilt, milline on lähim raamatukogu ja suunatakse klient sinna. Standarditega

tutvumise võimalust kasutatakse maakondade raamatukogudes nende töötajate sõnul päris palju.

Islandi ja Soome standardiorganisatsioonide külastuste käigus sai nende töökorraldust võrrelda meie omaga ning hulgaliselt kogemusi, mida meil paremini teha. Oluline on ka suhete loomine kollegidega.

Kristel Schwede

EVS müügijuht

JUUNIKUU STANDARDID

EVS-EN 206-1:2002 Betoon. Osa 1: Spetsifitseerimine, toimivus, tootmine ja vastavus. Hind 259.-

Standard rakendub monoliitsete ja monteeritavate konstruktsioonide ning hoonete ja rajatiste betonelementide valmistamisel kasutatavale betoonile.

Betoon võib olla platsi-, kauba- või tehases betonelementide tarbeks valmistatud betoon. Standard spetsifitseerib nõuded:

betooni lähtematerjalidele;

betoonisegu ja kivistunud betooni omadustele ning nende vastavuse tõestamisele;

betooni koostisele esitatavatele piirangutele;

betooni omaduste spetsifitseerimisele;

betoonisegu tarnimisele;

tootmisohje meetoditele;

vastavuskriteeriumidele ja vastavuse hindamisele.

Standard on rakendatav ainult sellisele betoonile, mis ei sisalda pärast tihendamist liigset õhku, manustatud õhk välja arvatud.

Standard on rakendatav normaal-, raske- ja kergbetoonidele. Standardi käsituslasse kuuluvatele teatud toodetele (nt betonelementidele) või menetlustele kehtestatud teised Euroopa standardid võivad nõuda või lubada kõrvalekaldeid sellest standardist. Täiendavaid või erinõudeid võivad esitada selle standardi edaspidi koostatavad osad või teised eriküsimusi käsitlevad Euroopa standardid, mis käsitlevad nt:

teede ja muude liikluspindade ehitamisel kasutatavat betooni;

betooni, mille valmistamisel kasutatakse teisi materjale (nt kiudu) või jaotises 5.1 nimetatata lähtematerjale;

- betooni, milles kasutatava täitematerjali terasuuruse suurem nimimõõde on ≤ 4 mm (mört);
- eritehnoloogiaid (nt pritsbetoon);
- betooni vedelate ja gaasiliste jäätmete hoidlate ehitamiseks;
- betooni mürgiste ainete säilitusanumate valmistamiseks;
- massiivkonstruktsioonide (nt tam-mide) rajamisel kasutatavat betooni;
- kuivbetoonisegusid.

Euroopa standardid on ettevalmistamisel:

- teede ja muude liikluspindade ehitamisel kasutatava betooni kohta;
- pritsbetooni kohta.
- Käesolev standard ei rakendu:
- gaasbetoonile;
- vahtbetoonile;
- korebetoonile (peentäitematerjalita betoon);
- betoonile, mille tihedus on alla 800 kg/m³;
- tulekindlale betoonile.

Standard ei käsitle tervise- ja ohutusnõudeid töötajate kaitsmiseks betooni tootmisel ja tarnimisel.

EVS-EN 12390-1:2002 Kivistunud betooni katsetamine. Osa 1: Kuju, mõõtmed ja muud katsekehadele ja

vormidele esitatavad nõuded. Hind 101.-
Standard esitab betoonist vormitud kuubi-, silindri- ja prismakujuliste katse-kehade ja nende valmistamisel kasutatavate vormide kuju, mõõtmed ja tolerantsid.

EVS-EN 12390-2:2002 Kivistunud betooni katsetamine. Osa 2: Tugevuskatse katsekehade valmistamine ja hoidmine. Hind 83.-

Käesolev standard esitab tugevuskatse katsekehade valmistamise ja hooldamise meetodid. Standard käsitleb vormide ettevalmistamist ja täitmist, betooni tihendamist, pinna silumist ning katsekehade hooldamist ja transporti.

EVS-EN 12390-3:2002 Kivistunud betooni katsetamine. Osa 3: Katsekehade survetugevus. Hind 117.-

Standard esitab kivistunud betooni katsekehade survetugevuse määramise meetodi.

EVS-EN 12390-4:2002 Kivistunud betooni katsetamine. Osa 4: Survetugevus. Katsemasinatele esitatavad nõuded. Hind 126.-

Standard esitab nõuded betooni survetugevuse määramisel kasutatavate survekatsmasinate toimivusele.

EVS-EN 12390-5:2002 Kivistunud betooni katsetamine. Osa 5: Katsekehade paindetõmbetugevus. Hind 83.-
Standard esitab kivistunud betoonist katsekehade paindetõmbetugevuse määramise meetodi.

EVS-EN 12390-6:2002 Kivistunud betooni katsetamine. Osa 6: Katsekehade lõhestustõmbetugevus. Hind 92.-

Standard esitab kivistunud betoonist silindrikujuliste katsekehade lõhestustõmbetugevus määramise meetodi. Kuubi- ja prismakujuliste katsekehade katsetamisel põhinev meetod on esitataud lisas A.

EVS-EN 12390-7:2002 Kivistunud betooni katsetamine. Osa 7: Kivistunud betooni tihedus. Hind 92.-

Standard esitab kivistunud betooni tiheduse määramise meetodi. Standard on rakendatav kerg-, normaal- ja raskebetoonile. Standardis eristatakse järgmisi kivistunud betooni olekuid:

- nagu-saadud;
- veega küllastatud;
- kuivatatud.

Määratakse kivistunud betoonist katsekeha mass ja maht ning arvutatakse betooni tihedus.

EVS-EN 12390-8:2002 Kivistunud betooni katsetamine. Osa 8: Surve all oleva vee sissetungimissügavus. Hind 75.-

Standard esitab surve all oleva vee sissetungimissügavuse määramise meetodi vees kivistunud betoonisse.

EVS 811:2002 Hoone projekt. Hind 179.-

Standard käsitleb tehnilist dokumentatsiooni, mis kirjeldab hoone kavandatavat arhitektuurilist ja tehnilist lahendust.

Standard ei käsitle dokumentatsiooni, mis kirjeldab ehitustööde tegemist või ehitustööde käiku (välja arvatud teostusjoonised). Standard ei käsitle tootmishoone tehnoloogia projektimist. Eeldatud on, et tootmishoone projektijad saavad tellijalt igal staadiumil vajaliku detailsusega lähteandmed ruumide, keskkonna ja tehnosüsteemide projektimiseks.

Standard ei hõlma teede, sildade, välistorustike, elektriliinide ega muude rajatiste projektimist.

Projektimise lähteandmete selgitamiseks tehtavaid eeltöid (vajadusanalüüsid, majandusanalüüsid, tasuvusuuringud, asukohavariantide võrdlused, ideekavandid), ei loeta käesoleva standardi mõistes ehitusprojektimise hulka kuuluvaiks.

Standard ei hõlma jooniste vormistamist. Esitatud mõõtkavad on soovituslikud.

Aeg mõelda sertifikaatide uuendamisele

Teatavasti lõpeb standardite ISO 9001, ISO 9002 ja ISO 9003 1994. a versioonide järgi väljastatud sertifikaatide kehtivusaeg kolm aastat pärast neid asendava uue standardi ISO 9001:2000 ilmumist s.o 14. detsembril 2003.

Kõigil firmadel, kellel on veel vana standardi järgne sertifikaat peaksid varakult mõtlema sertifikaadi uuendamisele, mis aga eeldab firma kvaliteedijuhtimissüsteemi viimist vastavusse uute nõuetega. Neid on eelmise versiooni standardite 20 peatüki asemel nüüd viis, standardi nõudeid peab täielikult täitma, erandiks on seejuures ainult mõned põhiprotsessi ja mõõtmisi puudutavad nõuded jaotisest 7, mida võib välja jätta.

Uus standard põhineb protsessikesksel lähenemisviisil, kus kirjeldatakse põhiprotsessi ja sellega liituvaid toetavaid protsesse. See on lähem viisile, kuidas organisatsioonid tegelikult tegutsevad.

Rohkem tähelepanu on pööratud juhtkonna eestvedamisele. Just juhid on need, kes määravad organisatsiooni eesmärkide ja suuna ühtsuse ja kaasavad kvaliteedijuhtimissüsteemi rakendamisse kõigi tasandite töötajaid. Kvaliteedijuhtimissüsteemi ülesehitamine on võimalik ainult tippjuhtkonna tugeva toetuse korral. Üldeesmärgiks on seejuures ikkagi kliendi vajaduste parem rahuldamine. Standardisse on sisse toodud kliendi rahulolu mõõtmine.

Sertifitseerimisprotsess annab tõe organisatsiooni tegevuse ja dokumentatsiooni korrastamisele, mis tagab paremad majandustulemused. Siinjuures võiks meelde tuletada, et ka kvaliteedikäsiraamatu koostamise standardi ISO 10013 asemel on nüüd uued juhised, mis on ilmunud ISO aruandena ISO/IEC TR 10013 Kvaliteedijuhtimisdokumentatsiooni koostamise juhised. Lisaks kvaliteedikäsiraamatu koostamise juhistele on selles ka juhised dokumenteeritud protseduuride, tööinstruktsioonide, vormide, kvaliteediplaanide, spetsifikatsioonide, aruannete jt kvaliteedijuhtimissüsteemi dokumentide koostamiseks.

Tegevust alustab Eesti Juhtimiskvaliteedi Keskus

EAS Ekspordiagentuuri juures alustab tegevust Eesti Juhtimiskvaliteedi Keskus (EJK), mille eesmärgiks on Eesti konkurentsivõime tugevdamine juhtimiskvaliteedi edendamise kaudu.

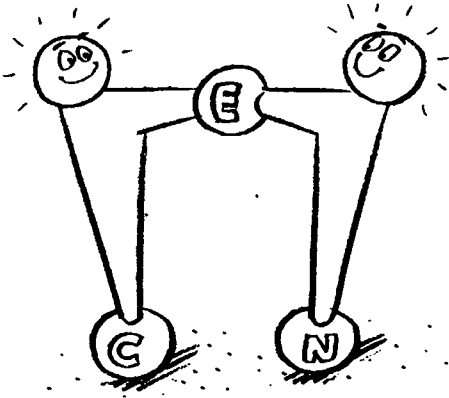
Eesti Juhtimiskvaliteedi Keskuse tegevus seisneb juhtimise parimate praktikate kohta informatsiooni koondamises ja levitamises ning hõlmab nii era- kui ka avaliku sektori organisatsioone. Informatsiooni levitamiseks luuakse vastavad andmebaasid ning suhtlusvõrgustik, korraldatakse seminare, koolitusi jms. EAS Ekspordiagentuuri direktor Lea Kroonmanni sõnul hindavad Eesti ettevõtjad juhtimiskvaliteedile keskendumist kui väga kaasaegset lähenemist, mis vajab pidevat tööd. Üksikutest korraldatavatest juhtimiskonverentsidest on ettevõtjate hinnangul vähe.

TNT Express Worldwide Eesti AS tegevdirektor Asko Talu sõnul on vajadus juhtimiskvaliteedi keskuse järele Eestis juba paar viimast aastat ning ettevõtjana ootab ta keskuse poolt kogutavaid võrdlusandmeid parimate Eesti ja Euroopa ettevõtete kohta. See annab võimaluse võrrelda ja hinnata oma ettevõtte taset, märkis Talu.

Eesti organisatsioonide juhtimiskvaliteedi toetamise protsessi algatas 2001. aastal majandusministeerium.

Külli Lukk
EJK projektijuht

CEN UUDISED



CEN aastakoosoleku teema on väikesed ja keskmise suurusega ettevõtted

Euroopa väike- ja keskmise suurusega ettevõtete (SME) kohta tehtud aruanne näitab, et neil on Euroopa majanduses täita tähelepanuväärne roll, nii nagu kogu maailma majanduses.

Euroopa teise sektori (non-primary sector) 20 miljonis eraettevõttes on 122 miljonit töötajat, üle 99% nendest ettevõtetest on SME-d.

Euroopa ettevõtetes on keskmiselt kuus töötajat. Võrdluseks USA-s on see arv 19 ja Jaapanis 10.

EU-s on tehtud otsus, et SME-d peaksid sammu pidama suurte ettevõtetega. SME-de ettevõtluskeskkonna parandamine aitaks luua 20 miljonit uut töökohta ja suurendaks sellega heaolu 40%.

Selles arengus on täita tähtis osa standardimisel, mis tooks ettevõtetele majanduslikku kasu ja oleks edu aluseks välisturgudel. Standardimine väike- ja keskmistes ettevõtetes on CEN 2002. a aastakoosoleku teema.

Toiduainetega kontaktis olevad materjalid

Valmis on saanud 10 osa uuest standardist EN 1186 *Materials and articles in contact with foodstuffs.*, mis valmis tehnilises komitees CEN/TC 194 *Utensils in contact with food* ja milles on toodud toiduainetega kokkupuutuvate plastikute katsemeetodid, et neist ei eralduks inimeste tervisele kahjulikke toksilisi aineid. Kahjulike ainete eraldumise piiramise kohta esitleti hiljuti ka raamdirektiivi 89/109/EMÜ alla kuuluvat direktiivi 90/128/EMÜ muudatust, mis sätestab, et ükski plastknõudest eralduv aine ei tohi kahjustada inimeste tervist ega endaga kaasa tuua toiduainete koostisosade ja organoleptiliste näitajate ootamatut muutumist.

Surveseadmete standardimisest

Nagu eelmises EVS Teatajas kirjutasime, ilmub uus standard EN 13445 Leekkuumutuseta surveseadmed direktiivi 97/23/EU toetuseks. Juunikuu CEN Newsletter'is tutvustatakse surveseadmete lühikest ajalugu:

1769	Algus aurumasinate areng (Inglismaa)
1817	Asutati Inglismaal erikomisjon abinõude leidmiseks, et "ära hoida plahvatusest tekkivat kahju Tema Majesteedi alamatele ja tema valduses olevatele aurulaevadele"
1854	Manchesteris Aurujõu Kasutajate Ühing korraldas koosoleku, et "levitada teavet katlaplahvatuste kohta"
1854	Katlaplahvatus Hartfordis (Connecticut, USA). Sagedaste plahvatustega kokku puutunud ärimehed asutasid asjassepuutuva polütehnilise suunitlusega ühingu.
1863	Katlaplahvatuse Mississipi jõelaeval Sultana hukkus 1238 inimest
1864	Avaldati nn Hartfordi standard ehk ühtlusatatud nõuded aurulaevadele
1905	Massachusettsi osariigi seadusandjad jõustasid Katlakoodi seaduse
1911	Ameerika Mehaanikainseneride Ühing (ASME) koostas ühtsed reeglid aurukatelde ja surveanumate ehitusele
	Ameerika Ühendriikides moodustati Katelde ja surveanumate inspektorite nõukogu ASME reeglite jõustamiseks ja administreerimiseks
1934	Lloyd'i Laevandusregister Inglismaal koostas keevitatud surveanumate katsemeetodika
1976	Valmis Briti standard BS 5500
1987	Euroopa Majandusühendus võttis vastu Lihtsurveanumate direktiivi
1991	CEN võttis vastu standardi EN 286 Lihtsurveanumad
1997	Euroopa Ühendus võttis vastu Surveseadmete direktiivi
2002	CEN võttis vastu standardi EN 13445 Leekkuumutuseta surveanumad

Tööprogramm: www.cenorm.be/sectors/pressure/workprog.htm

TC 23 Transporditavad gaasiballoonid
TC 54 Leekkuumutusega surveanumad
TC 69 Tööstuslikud torustikuarmatuurid
TC 70 Käsitulekustutid
TC 102 Meditsiinilised sterilisaatorid
TC 114 Masinate ohutus
TC 133 Vask ja vasesulamid
TC 138 Mittepurustav katsetamine
TC 144 Põllu- ja metsatöötraktorid ja -masinad
TC 155 Plasttorustikud ja -kanalisatsioonisüsteemid
TC 182 Külmutussüsteemid, nende ohutus ja keskkonnanõuded
TC 185 Keermestatud ja keermestamata mehaanilised kinnituselemendid ja lisadetailid
TC 194 Toiduga kokkupuutuvad nõud
TC 210 Klaaskiuga tugevdatud plastmahutid ja -anumad
TC 232 Kompressorid. Ohutus
TC 249 Plastid
TC 267 Tööstuslikud torustikud ja torujuhtmed
TC 268 Krüogeenanumad
TC 269 Trummel- ja veetorukatlad
TC 282 Veeldatud maagaasi kasutus- ja tootmiseseadmed
TC 286 Seadmed ja vahendid veeldatud naftagaasidele

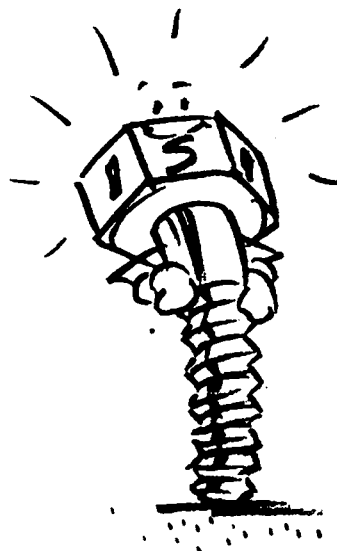
ISO UUDISED

TC 176 ja TC 207 ühine koordinaator
ISO Keskksekretariaat määras tehniliste komiteede ISO/TC 176 Kvaliteedijuhtimine ja ISO/TC 207 Keskkonnakorraldus ühiseks koordinaatoriks Klaus G. Lingneri, ISO Keskksekretariaadi Standardiosakonna tehnilise programmi juhi.

ISO/FDIS 19011 on lõpphääletusel nii ISO-s kui CEN-is

Lõpphääletusele on pandud kvaliteedijuhtimis- ja/või keskkonnajuhtimise auditistandardi kavand ISO/FDIS 19011 Guidelines for quality and/or environmental management systems auditing.

Peale kahekuulist hääletusperioodi (lõpeb 2002-08-13) on oodata standardi ilmumist. Samaaegselt on kavand hääletusel ka CEN-is. Uus standard tühistab ja asendab järgmised standardid:
ISO 10011-1:1990
ISO 10011-2:1991
ISO 10011-3:1991
ISO 14010:1996
ISO 14011:1996
ISO 14012:1996



SUVELUGEMIST

MÄNGIMINE JA SPORTIMINE TURVALISEKS

Alanud on koolivaheaeg. Lapsed viibivad palju väljas, väiksemad ronivad ja turnivad mänguväljakutel, suuremad harrastavad mitmeid spordialasid

Viimasel ajal on pressis mitmel korral olnud juttu mänguväljakute ohtlikkusest. Kuidas tagada laste ohutus mänguväljakutel?

Mitmel korral on juhtunud õpilastega õnnetusi nõuetele mittevastavate jalgpallivärvade tõttu. Mida teha, et jalgpalliväravad lastele eluohtlikuks ei osutuks?

Kui oleks järgitud standardite nõudeid, poleks selliseid õnnetusi juhtunud.

Nõuded ohututele mängu- ja spordiväljakutele on esitatud Euroopa standardites, mis on üle võetud ka Eesti standarditeks.

Standardid kehtivad nii spordiväljakute kui ka nende varustuse kohta.

Nendes on nii jalgpalli, korvpalli, võrkpalli, sulgpalli, tennise kui ka värvapalli väljakute ja varustuse kohta käivad nõuded.



Kogu Euroopas ja ka Eestis kehtivad standardid peaaegu kõigi spordialade varustuse kohta - nt rulasõidu, mägironimise, sukeldumistarvikute, basseinide, spordisaalide ja nende varustuse s.h võimlemisvarustuse (hobused, kitsed, rõngad, matid jne), jõutreeninguvarustuse jne kohta. Standardites on toodud nii ohutusnõuded kui ka katsemeetodid.

Standardite ostmine ja nende rakendamine ei ole just odav, ent meie ja meie laste elud on tuhandeid kordi kallimad. Seepärast peaks iga mängu- või spordiväljaku ehitaja ja haldaja tutvuma asjakohaste standarditega.

Teeme standardite kasutamisega meie laste ja meie endi elu turvalisemaks.

Anne Laimets
EVS peaspetsialist

PÄIKESEPRILLID STANDARDI JÄRGI

Suur suvi on käes. Tänavuse väga aktiivse päikese tõttu vajavad meie silmad veelgi enam kaitset. Müügil on paljude eri firmade päikeseprillid, moodsad ja traditsioonilised, kallid ja odavad.

Tänavatel pimestab päike nii jalakäijaid kui ka autojuhte, mis on ohtlik mõlemaile. Silmade kaitseks tuleks kanda kvaliteetseid, silmadele kahjulikke valguskiiri filtreerivaid päikeseprille. Päikeseprillide kõige olulisem ülesanne on kaitsta silmi ultraviolettkiirte (UV-kiirte) eest. Seepärast tuleb päikeseprillide valimisel kindlasti kontrollida, kas päikeseprillid on varustatud standardile vastava sertifikaadiga. Kõik Euroopa optikatootjad peavad päikeseprillide valmistamisel arvestama Euroopa standardiga EVS-EN 1836, mis kehtestab päikeseklaasidele minimaalsed tehnilised nõuded valgusekiirte filtreerimise ja UV-kiirte neeldumise osas.

Päikeseprillide valimisel tuleks lähtuda nende kasutamise eesmärgist.

Päikeseprillide klaasid peavad standardi järgi olema läbinud valgusfoori tulede eristamise testi, et oleks tagatud nägemisteravus autosõidul. Kui klaasid ei taga ohutut autosõitu, varustatakse prillid vastava keelava sümboliga.

Erilisi tingimusi seab päikeseprillide kasutamine spordiga tegelejatele. Sportlastele soovitatakse karastatud klaasi, mis on spetsiaalselt töödeldud, et see oleks vastupidav temperatuuri kõikumistele, purunemisele ja kriimustustele.

Päikeseprillide tootmisel kasutatakse kolme liiki klaase: kõvapinnaga plastik, klaas ja polükarbonaat. Kõik nendest materjalidest valmistatud klaasid tagavad optilise nägemisteravuse. Polariseeritud klaasid on valmistatud erinevatelt pindadelt (vesi, lumi jne) peegelduva pimestava valguse vähendamiseks spetsiaalse filtri abil, mis valikuliselt neelab peegelduvaid valguskiiri tagades sellega nägemisteravuse.

Kui soovitakse kasutada samu prille ruumis viibides kui ka väljas päikese kaitseks, kasutatakse fotokroomseid klaase, mis muutuvad päikese käes tumedaks ja kaitsevad silmi. Peab tähele panema, et autos tumenevad need klaasid ainult 30%.

Kui vaadata klaasi värvide mõju nägemisele, siis kõige paremini parandab nägemisteravust pruun filter, hallid klaasid ei moonuta värve, kollased klaasid vähendavad kontrastsust. Seoses nahaga kontaktis olevate ehetega, kellade, prilliraamide jne niklisisalduse piiramisega on standardi järgi lubatud nendes niklisisaldus alla 0,5 mg/cm².

Ainult kvaliteetsed standardi nõudeid täitvad päikeseprillid tagavad silmade kaitse.

Anne Laimets
EVS peaspetsialist

EUROOPA TARBIJATE HÄÄL STANDARDIMISES

Euroopa tarbijate esindusorganisatsioon standardimises ANEC Peassamblee toimus Brüsselis 6. - 7. mail.

Peassambleel pöörati tähelepanu Euroopa standardimise ees seisvatele väljakutsetele - Uue lähenemisviisi laienemisele mitte-tehnilistele aladele ning rahvusvaheliste standardite kasvavale tähtsusele teenindussektoris.

Uusi standardimisvaldkondi toovad ümbervaadatud üldise tooteohutusdirektiivi valguses endaga kaasa tarbijatele mõeldud ohutud kaubad, liiklusohutus, teenuste kvaliteet ja ohutus, internetiteenused, e-äri kui ka keskkonnaga seotud küsimused.

WTO SEKRETARIAADILT SAABUNUD TEATISED



Maailma Kaubandusorganisatsiooni WTO sekretariaadilt saabunud õigusaktide eelnõud, milles sisalduvad tehnilised normid võivad saada kaubanduse tehnilisteks tõketeks.

Eelnõude kohta on võimalik esitada kommentaare 2 nädalat enne tabelis toodud kuupäeva

Majandusministeeriumi Karel Kangro tel 625 6397, faks 625 6404,
kkangro@mineco.ee

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

WTO SEKRETARIAADILT SAABUNUD TBT TEATISED

NUMBER & ESITAMIS- KUUPÄEV	RIIK	TOODE/KAUP/ TEENUS	EESMÄRK	KOMMEN- TAARIDE ESITAMISE VIIMANE KUUPÄEV
G/TBT/N/CHL/30 16. mai 2002	TŠIILI	termoplast isoleeriga juhtmed ja kaablid	ohutus	20. juuli 2002
G/TBT/N/CHL/31 16. mai 2002	TŠIILI	elektrijuhid – elastne (nöör)kaabel ja kinnitustraat	ohutus	20. juuli 2002
G/TBT/N/CHL/32 16. mai 2002	TŠIILI	vasest ja alumiiniumist elektrijuhid	ohutus	20. juuli 2002
G/TBT/N/TPKM/1 21. mai 2002	TAIVANI, PENGHU JA MATSU ERALDI TOLLI- TERRITOORIUM	gaasiballoonid	kohustuslik inspekteerimine/ kontroll	60 päeva
G/TBT/N/ISR/2 21. mai 2002	IISRAEL	lahustuv kohv ICS: 67.140.20; HS: 2101	tarbijakaitse, nõuded direktiivist 1999/4/EÜ	60 päeva
G/TBT/N/SVN/10 22. mai 2002	SLOVEENIA	väetised HS: 31.02; ICS: 65.08	kaupade vaba liikumine	20. juuni 2002
G/TBT/N/NZL/8 22. mai 2002	UUS MEREMAA	<i>Brassica napus var. oleifera</i> seemned külvamiseks	meetmed takistamaks loata geneetiliselt muundatud seemnete importi	15. juuli 2002
G/TBT/N/NZL/9 22. mai 2002	UUS MEREMAA	<i>Zea mays</i> seemned külvamiseks	meetmed takistamaks loata geneetiliselt muundatud seemnete importi	15. juuli 2002
G/TBT/N/JPN/47 22. mai 2002	JAAPAN	raadioseadmed	mudatused seaduses	23. juuli 2002
G/TBT/N/EEC/13 22. mai 2002	EUROOPA ÜHENDUSED	1) maitseisandina kiniini ja/või kofeiini sisaldavad toidud 2) 150mg/l või rohkem kofeiini sisaldavad joogid, kui nende nimedes ei ole ``kohvi`` või ``tee``	tarbijate informeerimine	30. juuni 2002

G/TBT/N/CHN/1 22. mai 2002	HIINA	katlad, surveanumad	kohustuslik järelevalve ja inspekteerimine, klassifitseerimine, ohutuse tagamine	30. juuni 2002
G/TBT/N/CZE/43 24. mai 2002	TŠEHHI	keskkonnakaitse (saasteained, heitkogused)	õigussüsteemi ühtlustamine EÜ omaga	12. juuni 2002
G/TBT/N/CZE/44 24. mai 2002	TŠEHHI	tahkekütus, kivisüsi, brikett, puit, vedel- ja gaaskütus	õigussüsteemi ühtlustamine EÜ omaga, keskkonnakaitse	12. juuni 2002
G/TBT/N/CZE/45 24. mai 2002	TŠEHHI	kasvuhoonegaasid	õigussüsteemi ühtlustamine EÜ omaga, keskkonnakaitse	12. juuni 2002
G/TBT/N/CZE/46 24. mai 2002	TŠEHHI	tahked või vedelad jäätmed, olmejäätmed	õigussüsteemi ühtlustamine EÜ omaga, keskkonnakaitse	12. juuni 2002
G/TBT/N/CZE/47 24. mai 2002	TŠEHHI	heited, välisõhu kvaliteedi ja tingimuste hindamine, kaitsmine	õigussüsteemi ühtlustamine EÜ omaga, keskkonnakaitse ja inimeste tervise kaitse	12. juuni 2002
G/TBT/N/CZE/48 24. mai 2002	TŠEHHI	bensiin, orgaanilised ained ja lahustid,	õigussüsteemi ühtlustamine EÜ omaga, keskkonnakaitse	12. juuni 2002
G/TBT/N/CZE/49 24. mai 2002	TŠEHHI	kloorfloorsüsinikud (CFCd), metüülbromiid	õigussüsteemi ühtlustamine EÜ omaga, keskkonnakaitse	12. juuni 2002
G/TBT/N/NLD/44 24. mai 2002	HOLLAND	pakendamine, pakendijäätmed, paber ja kartong	taaskasutamise soodustamine	1. august 2002
G/TBT/N/IND/1 28. mai 2002	INDIA	kinnispakis tooted	märgistusnõuded	60 päeva
G/TBT/N/CAN/36 28. mai 2002	KANADA	ravimites lubatud värvained ICS: 11.120	laiendada turulepääsu	10. juuni 2002
G/TBT/N/CAN/37 28. mai 2002	KANADA	ohtlikud kaubad ICS: 13.300	aidata kaasa ohutusele	10. juuni 2002
G/TBT/N/CZE/50 29. mai 2002	TŠEHHI	valitud tooted	vastavushindamine	30. juuli 2002
G/TBT/N/CHE/21 30. mai 2002	ŠVEITS	<i>Angi casti fructus (Fruits de Gattilier)</i>	nõuded	-
G/TBT/N/ESP/14 30. mai 2002	HISPAANIA	külmutusaine jahutavatele seadmetele	ohutus	10. juuni 2002
G/TBT/N/ESP/15 30. mai 2002	HISPAANIA	kütmisel, õhukonditsioneerides ja sooja vee torustike paigaldustes kasutatavad seadmed, materjalid ja osad	kohanemine uute tehnoloogiatega	15. juuni 2002
G/TBT/N/ESP/ 16 – 18 30. – 31. Mai 2002	HISPAANIA	telekommunikatsiooni-standard	olemasoleva standardi uuendamine	29. juuni 2002
G/TBT/N/KOR/36 31. mai 2002	KOREA VABARIIK	GMO-d sisaldavad põllumajandustooted ja toidud	tarbijakaitse, info märkimine tootele	-
G/TBT/N/PER/1 31. mai 2002	PERUU	veekindlad jalanõud	tarbijakaitse	14. juuni 2002

G/TBT/N/MEX/24 31. mai 2002	MEHHIKO	loomakaitse	ohutus	-
G/TBT/N/MEX/25 31. mai 2002	MEHHIKO	kaubad ja teenused (taigen, tortillad, jahu)	ohutus, sanitaarnõuded	6. juuli 2002
G/TBT/N/BRA/33 3. juuni 2002	BRASIILIA	maantesõidukid	keskkonnakaitse	-
G/TBT/N/MEX/23 3. juuni 2002	MEHHIKO	püim, püimavalem ja segatud püimatooted	ohutus:kirjeldused, info ja katsemeetodid	2. juuni 2002
G/TBT/N/CAN/38 4. juuni 2002	KANADA	ohtlikud tööstus- kemikaalid ja pestitsiidid ICS: 65.100; 71.040	inimeste tervise ja keskkonnakaitse	31. juuli 2002
G/TBT/N/EEC/14 5. juuni 2002	EUROOPA ÜHENDUSED	söödalisanidid	inimeste ja loomade tervise kaitse, keskkonnakaitse, tarbijakaitse	15. juuli 2002
G/TBT/N/ZAF/14 5. juuni 2002	LÕUNA AAFRIKA	spetsiaalsed toidud meditsiinis kasutamiseks HS: 2106.90.90, ICS: 67.040	mürgistusnõuded	26. juuli 2002
G/TBT/N/CHL/33 5. juuni 2002	TŠIILI	pakendatud toiduained	tarbijainfo	5. august 2002
G/TBT/N/ARG/46 5. juuni 2002	ARGENTIINA	ravimipreparaadid inimestele	märgistamine	-
G/TBT/N/ARG/47 6. juuni 2002	ARGENTIINA	loomsed tooted	nõuded laboritele	-
G/TBT/N/EEC/15 10. juuni 2002	EUROOPA ÜHENDUSED	teatud veinid	tarbijakaitse	60 päeva
G/TBT/N/CHN/2 11. juuni 2002	HIINA	toit ja kosmeetika	inimeste tervise kaitse	30. juuni 2002
G/TBT/N/CAN/39 11. juuni 2002	KANADA	nikotiini inhalaator ICS: 11.220, 11.120	tervisekaitse	1. juuli 2002
G/TBT/N/CAN/41 11. juuni 2002	KANADA	mürgised ained ICS: 13.020	keskkonnakaitse	31. juuli 2002
G/TBT/N/NLD/45 18. juuni 2002	HOLLAND	seadmed mis aitavad vältida nn. "pimekoha" tekkimist: peeglid/kaamera- monitori süsteemid	reeglid sõidukitele	-

WTO SEKRETARIAADILT SAABUNUD SPS TEATISED

NUMBER & ESITAMIS- KUUPÄEV	RIIK	MÕJUTATAV PIIRKOND/ RIIK	TOODE	EESMÄRK	KOMMEN- TAARIDE ESITAMISE VIIMANE KUUPÄEV
G/SPS/N/MEX/183 15. aprill 2002	MEHHIKO	-	loomakaitse	delfiinide kaitsmine	-
G/SPS/N/PER/40 1. mai 2002	PERUU	Uruguai	loomad, loomsed tooted ja kõrvaltooted	loomatervis	-
G/SPS/N/CHL/106 1. mai 2002	TŠIILI	Peruu	ravimtaimede koor, lehed ja kuivatatud varred	taimekaitse	27. mai 2002

G/SPS/N/CHL/107 1. mai 2002	TŠIILI	Mehhiko	avokaadopirnid	taimekaitse	27. mai 2002
G/SPS/N/CHL/108 1. mai 2002	TŠIILI	Mehhiko	värsked viigikaktuse viljad	taimekaitse	27. mai 2002
G/SPS/N/CHL/109 1. mai 2002	TŠIILI	kõik Tšiiilise eksportivad riigid	taimne materjal	taimekaitse	27. mai 2002
G/SPS/N/CRI/26 13. mai 2002	COSTA RICA	-	veise-, sea, kitse- lamba- ja teiste koduloomade lihast tooted	loomatervis/ inimeste kaitsmine looma-/taime- haiguste eest	-
G/SPS/N/COL/52 13. mai 2002	KOLUMBIA	kõik Kolumbiasse banaane eksportivad riigid	banaanid ja jahubanaanid	nõuded pakendamisele	25. juuni 2002
G/SPS/N/COL/53 13. mai 2002	KOLUMBIA	kõik riigid	elusloomad ja loomsed tooted	loomatervis	25. juuni 2002
G/SPS/N/MEX/184 15. mai 2002	MEHHIKO	-	taimed, taime- tooted ja kõrvaltooted	territooriumi kaitsmine kahjurite eest	-
G/SPS/N/SLV/45 21. mai 2002	EL SALVADOR	-	riisiseemned külvamiseks	taimekaitse	-
G/SPS/N/CAN/135 21. mai 2002	KANADA	-	piimatooted (04) ICS: 67.100.01 ja piimatooteid sisaldav loomasööt (23) ICS: 07.100.30	loomatervis	15. juuli 2002
G/SPS/N/CHN/6 21. mai 2002	HIINA	BSE nakkusega riigid ja piirkonnad	kosmeetika	inimeste kaitsmine looma-/taime- haiguste eest	-
G/SPS/N/NZL/172 22. mai 2002	UUS MEREMAA	Itaalia	sealihatooted	loomatervis	22. juuli 2002
G/SPS/N/NZL/173 22. mai 2002	UUS MEREMAA	kõik riigid	toit	toiduohutus	20. juuli 2002
G/SPS/N/CUB/1 24. mai 2002	KUUBA	kõik riigid	värske puu- ja juurvili	taimekaitse/ territooriumi kaitsmine kahjurite eest	-
G/SPS/N/COL/54 24. mai 2002	KOLUMBIA	Honduras, Guatemala, Nicaragua, El Salvador, Belize ja Mehhiko	päevavanused tibud, täiskasvanud kodulinnud	loomatervis	-
G/SPS/N/USA/592 24. mai 2002	USA	kaubandus- partnerid	värvained	toiduohutus	19. juuni 2002
G/SPS/N/USA/593 24. mai 2002	USA	kaubandus- partnerid	(toidu) lisaained (acesulfame potassium)	toiduohutus	-
G/SPS/N/USA/594 24. mai 2002	USA	USA-sse liha eksportivad piirkonnad	küpsetatud liha- ja lihatooted	loomatervis	22. juuli 2002
G/SPS/N/USA/595 24. mai 2002	USA	kõik kaubandus- partnerid	fosfororgaanilised ühendid	toiduohutus	21. juuni 2002

G/SPS/N/USA/596 27. mai 2002	USA	kõik kaubandus- partnerid	pestitsiidid (2-Propenoic acid, 2-methyl-,polymer with ethyl 2-propenoate and methyl 2-methyl-2-propenoate, ammonium salt)	toiduohutus	24. juuni 2002
G/SPS/N/USA/597 27. mai 2002	USA	kõik kaubandus- partnerid	pestitsiidid (Milbemectin)	toiduohutus	24. juuni 2002
G/SPS/N/AUS/140 29. mai 2002	AUSTRALIA	-	töödeldud toit	toiduohutus	20. juuli 2002
G/SPS/N/USA/598 30. mai 2002	USA	kõik kaubandus- partnerid	veterinaarravimid	toiduohutus	-
G/SPS/N/USA/599 31. mai 2002	USA	kõik kaubandus- partnerid	pestitsiidid	toiduohutus	23. juuli 2002
G/SPS/N/USA/600 30. mai 2002	USA	kõik kaubandus- partnerid	pestitsiidid (Pyriproxyfen)	toiduohutus	28. juuni 2002
G/SPS/N/GBR/2 31. mai 2002	ÜHENDATUD KUNINGRIIK	USA	Rhododendron, Aesculus, Quercus, Lithocarpus, Acer, Arbutus, Arctostaphylos, Heteromeles, Lonicera, Rhamnus, Umbellularia, Vaccinium, Viburnum	taimekaitse	-
G/SPS/N/JOR/1 31. mai 2002	JORDAANIA	Soome, Sloveenia ja Austria	kariloomad ja nendest tooted	inimeste kaitsmine looma-/taime- haiguste eest	-
G/SPS/N/CHN/7 7. juuni 2002	HIINA	BSE nakkusega riigid ja piirkonnad	kosmeetika	inimeste kaitsmine looma-/taime- haiguste eest	-
G/SPS/N/CAN/ 136 - 140 13. juuni 2002	KANADA	-	Sethoxydim, Tebufenozide, Propiconazole, Sulfosulfuron, Florasulam ICS: 65.100	toiduohutus/ taimekaitse	14. august 2002
G/SPS/N/IDN/17. 13. juuni 2002	INDONEESIA	Austraalia ja teised kariloomad e eksportijad	elusloomad ja nendest tooted (põhimõtteliselt kariloomad)	toiduohutus/ loomatervis/ inimeste kaitsmine looma- ja taimehaiguste eest	-
G/SPS/N/IDN/18 13. juuni 2002	INDONEESIA	Lõuna- Korea	loomad ja loomsed tooted (FMD)	toiduohutus/ loomatervis	-

HARMONEERITUKS TUNNISTATUD STANDARDID

Tehnilise normi ja standardi seaduse muutmise seaduse (RT I 2002, 32, 186) kohaselt hakkab Eesti Standardikeskus oma veebilehel ja väljaandes avaldama teavet harmoneeritud standarditest.

Harmoneeritud (ühtlustatud) standardid on EL Uue lähenemisviisi direktiividega liituvad standardid. Harmoneeritud standarditeks loetakse need standardid, millele on viidatud EL ametlikus väljaandes *Official Journal*. Harmoneeritud standardite kasutamine on kõige lihtsam viis tõendada direktiivide oluliste nõuete täitmist. Lisainfo <http://www.newapproach.org/>

Nüüdsest on iga kuu võimalik ka EVS Teatajas ja EVS kodulehel tutvuda Uue lähenemisviisi direktiivide all harmoneeritud standarditega.

Seekord on avaldatud **surveseadmete ja lõbusõidulaevade** standardid (avaldatud märtsi ja aprilli Euroopa Ühenduste Teataja C-seerias).

Euroopa Parlamendi ja Nõukogu Direktiiv 97/23/EMÜ surveseadmeid käsitlevate liikmesriikide õigusaktide ühtlustamise kohta 29 mai 1997 (2002/C 62/04) 9.3.2002

EN 583-5:2000	Non-destructive testing – Ultrasonic examination - Part 5: Characterization and sizing of discontinuities
EN 1252-2:2001	Cryogenic vessels - Materials - Part 2: Toughness requirements for temperatures between - 80 °C and - 20 °C
EN 1349:2000/AC:2001	Industrial process control valves
EN 1591-1:2001	Flanges and their joints – Design rules for gasketed circular flange connections – Part 1: Calculation method
EN 1797:2001	Cryogenic vessels – Gas/material compatibility
EN ISO 9692-3:2001	Welding and allied processes – Recommendations for joint preparation – Part 3: Metal inert gas welding and tungsten inert gas welding of aluminium and its alloys (ISO 9692-3:2000)
EN ISO 12797:2000	Brazing - Destructive tests of brazed joints
EN 13136:2001	Refrigerating systems and heat pumps - Pressure relief devices and their associated piping - Methods for calculation

Euroopa Parlamendi ja Nõukogu Direktiiv 94/25/EÜ 16. juunist 1994 lõbusõidulaevade kohta (2002/C 59/06) 06.03.2002

EN ISO 10133:2000	Small Craft – Electrical systems – Extra-low voltage d.c installations (ISO 10133:2000)
EN ISO 13297:2000	Small craft - Electrical systems - Alternating current installations (ISO 13297:2000)

EN ISO 11591:2000	Small craft, engine-driven - Field of vision from helm position (ISO 11591:2000)
EN ISO 13929:2001	Small craft - Steering gear - Geared link systems (ISO 13929:2001)
EN ISO 15584:2001	Small craft - Inboard petrol engines - Engine-mounted fuel and electrical components (ISO 15584:2001)
EN ISO 11592:2001	Small craft less than 8 m length of hull - Determination of maximum propulsion power rating (ISO 11592:2001)
EN ISO 14946:2001	Small craft - Maximum load capacity (ISO 14946:2001)

(2002/C 91/03) 17.4.2002

EN ISO 10088:2001	Small craft – Permanently installed fuel systems and fixed fuel tanks (ISO 10088:2001)
EN ISO 6185-1:2001	Inflatable boats - Part 1: Boats with a maximum motor power rating of 4, 5 kW (ISO 6185-1:2001)
EN ISO 6185-2:2001	Inflatable boats - Part 2: Boats with a maximum motor power rating of 4, 5 kW to 15 kW inclusive (ISO 6185-2:2001)
EN ISO 6185-3:2001	Inflatable boats - Part 3: Boats with a maximum motor power rating of 15 kW and greater (ISO 6185-3:2001)
EN ISO 11812:2001	Small craft - Watertight cockpits and quick-draining cockpits (ISO 11812:2001)

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 jõustumistega Eesti standarditeks ingliskeelsetena vastuvõetud rahvusvahelistest ja Euroopa standarditest. Võimalusel on ingliskeelsena vastuvõetud standardi nimetus ja käsitusala tõlgitud eesti keelde. Mis keeles standard on, näitab loetelus keele tähis, mis on (et) eesti keeles ja (en) inglise keeles. Parema ülevaate saamiseks 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 asjasthuvitatul võimalik tutvuda standardite kavanditega ning teha ettepanekuid.

EVS Teatajas on esitatud arvamusküsitlusele:

- 1) Euroopa ja rahvusvahelised standardid, mis on kavas vastu võtta Eesti standarditeks jõustumistega (kavandid kättesaadaval standardina inglise keeles EVS raamatu-

kogus ja neid saab osta müügigrupist; EVS tehnilistel komiteedel on võimalik saada koopiaid oma käsitusala kokkulangevatest standarditest EVS kontaktisiku kaudu);

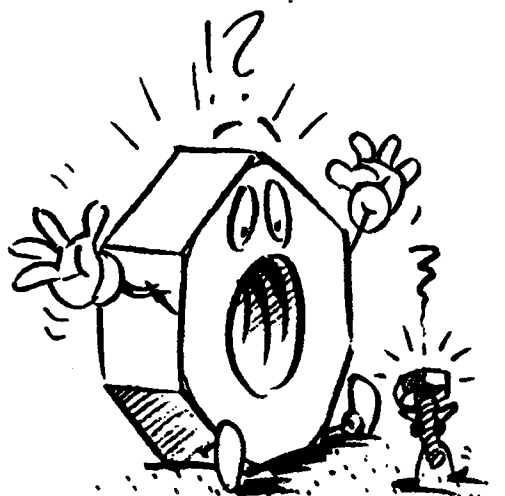
- 2) Eesti standardite kavandid, mis Eesti standardimisprogrammi järgi on jõudnud arvamusküsitluse etappi (kavandid on kättesaadavad eesti keeles standardiosakonnas, neid saab osta müügigrupist);
- 3) Euroopa (prEN) standardite kavandid, mis on saadetud liikmetele arvamusküsitluseks (kavandid on kättesaadavad 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 käsitusala kokkulangevatest kavanditest EVS kontaktisiku kaudu).

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

Kavandite arvamusküsitlusel on eriti oodatud teave, kui rahvusvahelist või Euroopa standardit ei peaks vastu võtma Eesti standardiks (vastuolu Eesti õigusaktidega, pole Eestis rakendatav jt põhjustel).

ICS PÕHIRÜHMAD

ICS	Nimetus
01	Üldküsimused. Terminoloogia. Standardimine. Dokumentatsioon
03	Sotsioloogia. Teenused. Ettevõtte organiseerimine ja juhtimine. Haldus. Transport
07	Matemaatika. Loodusteadused
11	Tervisehooldus
13	Keskkonna- ja tervisekaitse. Ohutus
17	Metroloogia ja mõõtmine. Füüsikalised nähtused
19	Katsetamine
21	Üldkasutatavad masinad ja nende osad
23	Üldkasutatavad hüdro- ja pneumosüsteemid ja nende osad
25	Tootmistehnoloogia
27	Elektri- ja soojusenergeetika
29	Elektrotehnika
31	Elektroonika
33	Sidetehnika
35	Infotehnoloogia. Kontoriseadmed
37	Visuaaltehnika
39	Täppismehaanika. Juvelitooted
43	Maanteeõidukite ehitus
45	Raudteetehnika
47	Laevaehitus ja mereehitused
49	Õhusõidukid ja kosmosetehnika
53	Töste- ja teisaldusseadmed
55	Pakendamine
59	Tekstiili- ja nahatehnoloogia
61	Rõivatööstus
65	Põllumajandus
67	Toiduainete tehnoloogia



71	Keemiline tehnoloogia
73	Mäendus ja maavarad
75	Nafta ja naftatehnoloogia
77	Metallurgia
79	Puidutehnoloogia
81	Klaasi- ja keraamikatööstus
83	Kummi- ja plastitööstus
85	Paberitehnoloogia
87	Värvide ja värvainete tööstus
91	Ehitusmaterjalid ja ehitus
93	Tsiviilehitus
95	Sõjatehnika
97	Olme. Meelelahutus. Sport
99	Muud

01.040.13**Keskkonna- ja tervisekaitse. Ohutus (sõnavara)**

Environment and health protection. Safety (Vocabularies)

UUED STANDARDID

EVS-EN ISO 13731:2002

Hind 170,00

Identne ISO 13731:2001

ja identne EN ISO 13731:2001

Ergonomics of the thermal environment - Vocabulary and symbols

This standard defines physical quantities in the field of the ergonomics of the thermal environment. The corresponding symbols and units are also listed.

1.040.23**Üldkasutatavad hüdro- ja pneumosüsteemid ja nende osad (sõnavara)**

Fluid systems and components for general use (Vocabularies)

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 38726

Tähtaeg: 2002-09-01

Identne EN 764-3:2002

Pressure equipment - Part 3: Definition of parties involved

This part of this draft European Standard gives definitions of parties involved in the design, manufacture, testing and inspection of pressure equipment addressed by the European Directive 97/23/EC.

01.040.25**Tootmistehnoloogia (sõnavara)**

Manufacturing engineering (Vocabularies)

UUED STANDARDID

EVS-EN ISO 14539:2002

Hind 170,00

Identne ISO 14539:2000

ja identne EN ISO 14539:2001

Manipulating industrial robots - Object handling with grasp-type grippers - Vocabulary and presentation of characteristics

This standard focuses on the functionalities of end effectors and concentrates on grasptype grippers as defined in 4.1.2.1. This standard provides terms to describe object handling and terms of functions, structures, and elements of grasptype grippers.

EVS-EN ISO 6520-2:2002

Hind 155,00

Identne ISO 6520-2:2001

ja identne EN ISO 6520-2:2001

Welding and allied processes - Classification of geometric imperfections in metallic materials - Part 2: Welding with pressure

This standard collects and classifies the possible imperfections in welds made with pressure. A uniform designation is specified. Only the type, shape and dimensions of the different imperfections caused by welding with pressure are included.

01.040.59**Tekstiili- ja nahatehnoloogia (sõnavara)**

Textile and leather technology (Vocabularies)

UUED STANDARDID

EVS-EN ISO 4921:2002

Hind 170,00

Identne ISO 4921:2000

ja identne EN ISO 4921:2001

Knitting - Basic concepts - Vocabulary

This standard defines terms for basic knitting concepts. The definitions of this vocabulary are complete in themselves; illustrations are used to clarify the content of a definition, but no standardization of any notational system is attempted.

01.040.73**Mäendus ja maavarad (sõnavara)**

Mining and minerals (Vocabularies)

UUED STANDARDID

EVS-EN 12670:2002

Hind 199,00

Identne EN 12670:2001

Natural stone - Terminology

This European Standard defines the recommended terminology covering scientific, and technical terms, test methods, products and the classification of Natural Stones.

01.040.91

Ehitusmaterjalid ja chitus (sõnavara)

Construction materials and building (Vocabularies)

UUED STANDARDID

EVS-EN 235:2002

Hind 117,00

Identne EN 235:2001

Seinakatted rullmaterjalidena - Sõnastik ja tingmärgid

Standard määratleb kasutajatele vajalikud terminid rullidena turustatavate seinakattematerjalide korral, mida kasutatakse seinte ja lagede katmiseks, kasutades liimi, mis katab kogu vahe katte ja aluspinna vahel. Käesolev standard esitab ka teiste Euroopa standardite jaoks vajaminevad määratlused ja tingmärgid rullmaterjalina turustatava seinakatte kohta.

01.060

Suurused ja ühikud

Quantities and units

KAVANDITE ARVAMUSKÜSITLUS

prEVS 38725

Tähtaeg: 2002-09-01

Identne EN 764-2:2002

Pressure equipment - Part 2: Quantities, symbols and units

This European Standard specifies the basic quantities, symbols and units to be used for pressure equipment and assemblies addressed by the European Directive 97/23/EC.

01.080.20

Eriseadmete graafilised tingtähsed

Graphical symbols for use on specific equipment

UUED STANDARDID

EVS-EN 235:2002

Hind 117,00

Identne EN 235:2001

Seinakatted rullmaterjalidena - Sõnastik ja tingmärgid

Standard määratleb kasutajatele vajalikud terminid rullidena turustatavate seinakattematerjalide korral, mida kasutatakse seinte ja lagede katmiseks, kasutades liimi, mis katab kogu vahe katte ja aluspinna vahel. Käesolev standard esitab ka teiste Euroopa standardite jaoks vajaminevad määratlused ja tingmärgid rullmaterjalina turustatava seinakatte kohta.

01.080.50

Infotehnoloogia ja telekommunikatsioonitehnoloogia alases tehnilises dokumentatsioonis kasutatavad graafilised tingtähsed

Graphical symbols for use on information technology and telecommunications technical drawings

UUED STANDARDID

EVS-EN ISO/IEC 15416:2002

Hind 170,00

Identne ISO/IEC 15416:2000

ja identne EN ISO/IEC

15416:2001

Information technology - Automatic identification and data capture techniques - Bar code print quality test specification - Linear symbols

This standard specifies the methodology for the measurement of specific attributes of bar code symbols; defines a method for evaluating these measurements and deriving an overall assessment of symbol quality; gives information on possible causes of deviation from optimum grades to assist users in taking appropriate corrective action.

01.140.20

Infoteadused

Information sciences

KAVANDITE ARVAMUSKÜSITLUS

prEVS 12972

Tähtaeg: 2002-09-01

Identne ISO 2108:1992

Informatsioon ja dokumentatsioon.

Rahvusvaheline raamatu standardnumber (ISBN)

The purpose of this International Standard is to coordinate and standardize the use of identifying numbers so that each international standard book number (ISBN) is unique to a title or edition of a book or other monographic publication published or produced by a specific publisher or producer. It specifies the construction of an international standard book number and the location of the printed number on the publication.

prEVS 20287

Tähtaeg: 2002-09-01

Identne ISO 3297:1998

Informatsioon ja dokumentatsioon.

Rahvusvaheline jadaväljaande standardnumber (ISSN)

The purpose of this International Standard is to define and promote the use of a standard code (ISSN) for the unique identification of serials. Each International Standard Serial Number (ISSN) is a unique identifier for a specific serial publication.

11.040.55

Diagnostikaseadmed

Diagnostic equipment

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53135

Tähtaeg: 2002-09-01

Identne EN 1060-1:1995/A1:2002

Mitteinvasiivsed

sfügmomanomeetrid. Osa 1: Üldnõuded

This part of the standard specifies general requirements for non-invasive sphygmomanometers and their accessories which, by means of an inflatable cuff, are used for the non-invasive measurement of arterial blood pressure. It specifies performance, efficiency, mechanical and electrical safety requirements for these devices and gives test methods.

11.040.70

Silmaraviseadmed

Ophthalmic equipment

UUED STANDARDID

EVS-EN 13503-7:2002

Hind 155,00

Identne ISO 11979-7:2001

ja identne EN 13503-7:2001

**Ophthalmic implants -
Intraocular lenses - Part 7:
Clinical investigations**

This part of EN 13503 specifies particular requirements for clinical investigation protocols for posterior and anterior chamber monofocal intraocular lenses (IOLs) for the correction of aphakia.

11.100

Laboratoorne meditsiin

Laboratory medicine

UUED STANDARDID

EVS-EN 13641:2002

Hind 75,00

Identne EN 13641:2002

Elimination or reduction of risk of infection related to in vitro diagnostic reagents

This European Standard specifies requirements related to design and manufacture in order to effectively control the risk of infection caused by in vitro diagnostic reagents including reagent products, calibrators, control materials and kits, hereinafter called IVD reagents. The standard is applicable to in vitro diagnostic reagents containing material of human origin. The standard is also applicable to in vitro diagnostic reagents containing materials obtained by biotechnology processes or materials of animal origin, in particular in view of relevant zoonoses, when the results of a risk analysis reveal that there is a risk of human infection.

13.040.30

Töökeseonna õhu kvaliteet

Workplace atmospheres

UUED STANDARDID

EVS-EN 13205:2002

Hind 199,00

Identne EN 13205:2001

Workplace atmospheres - Assessment of performance of instruments for measurement of airborne particle concentrations

This European Standard specifies performance criteria and test methods for aerosol samplers and other instruments used to measure aerosol concentrations in workplace air. The performance criteria specified apply only to the process of sampling aerosol particles. 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.

13.060.30

Reovee ärajuhtimine ja töötlemine

Sewage water

UUED STANDARDID

EVS-EN 588-2:2002

Hind 170,00

Identne EN 588-2:2001

Fibre cement pipes for drains and sewers - Part 2: Manholes and inspection chambers

This Standard gives specifications for asbestos free fibre-cement manholes and inspection chambers for use in buried drains and sewers with gravity flow at atmospheric pressure. Products covered by this standard include prefabricated elements in fibre-cement as well as prefabricated complete manholes and inspection chambers. It specifies definitions, descriptions, composition, general appearance and finish, geometrical characteristics, mechanical characteristics, acceptance tests, type tests and quality control requirements. NOTE: Complete manholes or prefabricated elements can also be used for other purposes such as pumping stations, items of drainage, items for sewage treatment or sewage disposal, when corresponding additional requirements according to the relevant European standards are fulfilled.

13.060.50

Vee keemilise koostise määramine

Examination of water for chemical substances

UUED STANDARDID

EVS-ISO 5667-5:2002

Hind 75,00

Identne ISO 5667-5:1991

Water quality - Sampling - Part 5: Guidance on sampling of drinking water and water used for food and beverage processing

Establishes detailed principles to be applied to the design of sampling programmes, to sampling techniques and to handling and preservation of water samples. This part does not include the sampling of sources (to which applies ISO 5667).

13.110

Masinate ohutus

Safety of machinery

UUED STANDARDID

EVS-EN 13478:2002

Hind 146,00

Identne EN 13478:2001

Safety of machinery - Fire prevention and protection

This European Standard specifies methods of identification of the fire hazard resulting from machinery and the performance of corresponding risk assessment.

13.120

Ohutus kodus

Domestic safety

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53100

Tähtaeg: 2002-08-01

Identne IEC 60335-2-23:1990

ja identne EN 60335-2-

23:1996/A1:2001

Safety of household and similar electrical appliances - Part 2: Particular requirements for appliances for skin or hair care

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

prEVS 53117

Tähtaeg: 2002-08-01

Identne IEC 60335-2-6:1997

ja identne EN 60335-2-6:1999

Safety of household and similar electrical appliances - Part 2:

Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances

This standard deals with the safety of stationary cooking ranges, hobs, ovens and similar appliances for household use, their rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral and 480 V for other appliances.

prEVS 53118

Tähtaeg: 2002-08-01

Identne IEC 60335-2-8:1992

ja identne EN 60335-2-8:1992/A1:2001

Safety of household and similar electrical appliances - Part 2:

Particular requirements for shavers, hair clippers and similar appliances

Deals with the safety of electric shavers, hair clippers and similar appliances intended for household and similar purposes, their rated voltage being not more than 250 V. Examples of similar appliances are motor-operated appliances used for manicure, pedicure and similar purposes.

13.160

Vibratsiooni ja löögi toime inimesele

Vibration and shock with respect to human beings

UUED STANDARDID

EVS-ISO 8041:2002

Hind 199,00

Identne ISO 8041:1990 + A1:1999

Human response to vibration - Measuring instrumentation

This International Standard specifies instrumentation for a method of measurement of vibration in a given frequency range, given in ISO 2631-1 for assessing the vibration as perceived by human beings.

13.180

Ergonoomia

Ergonomics

UUED STANDARDID

EVS-EN ISO 13731:2002

Hind 170,00

Identne ISO 13731:2001

ja identne EN ISO 13731:2001

Ergonomics of the thermal environment - Vocabulary and symbols

This standard defines physical quantities in the field of the ergonomics of the thermal environment. The corresponding symbols and units are also listed.

EVS-EN ISO 13406-2:2002

Hind 316,00

Identne ISO 13406-2:2001

ja identne EN ISO 13406-2:2001

Ergonomic requirements for visual display units based on flat panels - Part 2:

Requirements for flat panel displays

This standard establishes ergonomic image quality requirements for the design and evaluation of flat panel displays.

13.220

Tuleohutus

Protection against fire

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53104

Tähtaeg: 2002-08-01

Identne IEC 60695-2-12:2000

ja identne EN 60695-2-12:2001

Fire hazard testing - Part 2-12:

Glowing/hot-wire based test methods - Glow-wire

flammability test method for materials

Specifies the details of the glow-wire test to be applied to test specimens of solid electrical insulating materials or other solid materials for flammability testing to determine the glow-wire flammability index (GWFI). The test results make it possible

13.220.01

Tuleohutus üldiselt

Protection against fire in general

UUED STANDARDID

EVS-EN 13478:2002

Hind 146,00

Identne EN 13478:2001

Safety of machinery - Fire prevention and protection

This European Standard specifies methods of identification of the fire hazard resulting from machinery and the performance of corresponding risk assessment.

13.220.10

Tuletõrje

Fire-fighting

UUED STANDARDID

EVS-EN 1846-2:2002

Hind 212,00

Identne EN 1846-2:2001

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

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

13.220.40

Materjalide ja toodete süttivus ning põlemislaad

Ignitability and burning behaviour of materials and products

UUED STANDARDID

EVS-EN 12882:2002

Hind 101,00

Identne EN 12882:2001

Conveyor belts for general purpose use - Electrical and flammability safety requirements

This standard specifies electrical and flammability safety requirements for general purpose conveyor belts not intended for use in underground installations and a means of categorizing conveyor belts in terms of the level of safety sought in their end use application.

EVS-EN 13087-7:200/A1:2002

Hind 57,00

Identne EN 13087-7:2000/A1:2001

Protective helmets - Test methods - Part 7: Flame resistance - AMENDMENT

This European Standard describes methods of test for protective helmets. The purpose of these tests is to enable assessment of the performance of the helmet as specified in the appropriate helmet standard. This standard specifies the methods of test for flame resistance.

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 53102

Tähtaeg: 2002-08-01

Identne IEC 60695-2-10:2000

ja identne EN 60695-2-10:2001

Fire Hazard testing - Part 2-10: Glowing/hot-wire based test methods - Glow-wire apparatus and common test procedure

Specifies the glow-wire apparatus and common test procedure to simulate the effect of thermal stresses which may be produced by heat sources such as glowing elements or overloaded resistors, for short periods, in order to assess the fire hazard by a simulation technique. The test described in this standard is applicable to electrotechnical equipment, its subassemblies and components, and may also be applied to solid electrical insulating materials or other solid combustible materials. Has the status of a basic safety publication in accordance with IEC Guide 104.

prEVS 53103

Tähtaeg: 2002-08-01

Identne IEC 6695-2-11:2000

ja identne EN 60695-2-11:2001

Fire hazard testing - Part 2-11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products

Specifies the details of the glow-wire test to be applied to end-products for fire hazard testing. For the purpose of this standard, end-product means electrotechnical equipment, its subassemblies, and components. Has the status of a basic safety publication in accordance with IEC Guide 104.

prEVS 53105

Tähtaeg: 2002-08-01

Identne IEC 60695-2-13:2000

ja identne EN 60695-2-13:2001

Fire hazard testing - Part 2-13: Glowing/hot-wire based test methods - Glow-wire ignitability test method for materials

Specifies the details of the glow-wire test to be applied to test specimens of solid electrical insulating materials or other solid materials for ignitability testing to determine the glow-wire ignition temperature (GWIT). The test results make it possible

13.220.50**Ehitusmaterjalide ja -elementide tulepüsivus**

Fire-resistance of building materials and elements

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 53152

Tähtaeg: 2002-09-01

Identne prEN 13501-3:2001

Fire classification of construction products and building elements - Part 3: Classification using data from fire resistance tests on components of normal building service installations

This European Standard specifies the procedure for classification of construction products used as components of normal building service installations, using data from fire resistance tests which are within the field of application of the relevant test method. Classification on the basis of extended application is not within the scope of this Standard.

prEVS 53153

Tähtaeg: 2002-09-01

Identne prEN 13501-5:2001

Fire classification of construction products and building elements - Part 5: Classification using test data from external fire exposure to roof tests

This European Standard provides the fire performance classification procedures for roofs/roof coverings, exposed to external fire based on the three test methods given in prEN 1187.

13.230**Plahvatusohutus**

Explosion protection

UUED STANDARDID

EVS-EN 1127-2:2002

Hind 146,00

Identne EN 1127-2:2002

Explosive atmospheres - Explosion prevention and protection - Part 2: Basic concepts and methodology for mining

This European Standard gives general guidelines for explosion prevention and protection in mining by outlining the basic concepts and methodology for the design and construction of equipment, protective systems and components. This European Standard applies to Group I equipment, protective systems and components intended for use in underground parts of mines and those parts of their surface installations at risk from firedamp and/or flammable dust.

13.280**Kiirguskaitse**

Radiation protection

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 53096

Tähtaeg: 2002-08-01

Identne EN 50364:2001

Limitation of human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 10 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications

This product standard applies to devices operating within the frequency range 0 Hz to 10 GHz, used in electronic article surveillance (EAS), radio frequency identification (RFID) and similar applications. This product standard may be used for demonstration of compliance to the requirements of Council Directive 1999/5/EC, with regard to the limitation of human exposure to electromagnetic fields (EMFs). There are additional requirements covered by the Directive, which are not included in this product standard.

13.310**Kaitse kuritegevuse vastu****Protection against crime****UUED STANDARDID****EVS-EN 1143-2:2002**

Hind 179,00

Identne EN 1143-2:2001

Secure storage units - Requirements, classification and methods of tests for resistance to burglary - Part 2: Deposit systems

This European Standard specifies requirements and test methods for deposit systems, and classifies the systems according to their burglary resistance and their resistance to the theft of deposits.

EVS-EN 1143-1:1999/A1:2002

Hind 101,00

Identne EN 1143-1:1997/A1:2001

Turvalised säilitusüksused.**Nõuded, liigitus ja sissemurdmiskindluse katsemeetodid. Osa 1: Seifid, teraskambri ukSED ja teraskambrid. MUUDATUS**

Käesolev Euroopa standard annab aluse eraldiseisvate seifide, sisseehitatud seifide (põrand ja sein), teraskambri uste ja teraskambrite (uksega või ilma) testimiseks ning liigitamiseks vastavalt nende sissemurdmiskindlusele.

13.340.20**Pea kaitsevahendid****Head protective equipment****UUED STANDARDID****EVS-EN 13087-1:2000/A1:2002**

Hind 57,00

Identne EN 13087-

1:2000/A1:2001

Protective helmets - Test methods - Part 1: Conditions and conditioning - AMENDMENT

The European Standard EN 13087 describes methods of test for protective helmets. The purpose of these tests is to enable assessment of the performance of the helmet as specified in the appropriate helmet standard. This part of EN 13087 specifies conditions and conditioning to be used when testing protective helmets.

EVS-EN 13087-2:2000/A1:2002

Hind 57,00

Identne EN 13087-

2:2000/A1:2001

Protective helmets - Test methods - Part 2: Shock absorption - AMENDMENT

The European Standard EN 13087 describes methods of test for protective helmets. The purpose of these tests is to enable assessment of the performance of the helmet as specified in the appropriate helmet standard. This part of EN 13087 specifies the method for the determination of shock absorption.

EVS-EN 13087-3:2000/A1:2002

Hind 57,00

Identne EN 13087-

3:2000/A1:2001

Protective helmets - Test methods - Part 3: Resistance to penetration - AMENDMENT

The European Standard EN 13087 describes methods of test for protective helmets. The purpose of these tests is to enable assessment of the performance of the helmet as specified in the appropriate helmet standard. This part of EN 13087 specifies the methods of test for resistance to penetration.

EVS-EN 13087-6:2000/A1:2002

Hind 57,00

Identne EN 13087-

6:2000/A1:2001

Protective helmets - Test methods - Part 6: Field of vision - AMENDMENT

This European Standard describes methods of test for protective helmets. The purpose of these tests is to enable assessment of the performance of the helmet as specified in the appropriate helmet standard. This part of EN 13087 specifies the method of test for field of vision.

EVS-EN 13087-7:200/A1:2002

Hind 57,00

Identne EN 13087-

7:2000/A1:2001

Protective helmets - Test methods - Part 7: Flame resistance - AMENDMENT

This European Standard describes methods of test for protective helmets. The purpose of these tests is to enable assessment of the performance of the helmet as specified in the appropriate helmet standard. This standard specifies the methods of test for flame resistance.

EVS-EN 812:1999/A1:2002

Hind 57,00

Identne EN 812:1997/A1:2001

Kokkupõrgete eest kaitsvad**peakatted. MUUDATUS**

Käesolev Euroopa standard määrab kindlaks tööstuslike kokkupõrgete eest kaitsvate peakatete füüsilised ja tehnilised omadused, testimismeetodid ja märgistusnõuded. Tööstuslike kokkupõrgete eest kaitsvad peakatted on ette nähtud selle kandja pea kaitsmiseks kõvade liikumatute objektide vastu tugevasti äralöömise eest. Pea äralöömine võib põhjustada haavu või muid väiksemaid kahjustusi. Need peakatted ei ole mõeldud langevate ega paiskuvate objektide ega liikuvate või rippuvate raskuste eest kaitsmiseks. MÄRKUS: tööstuslike kokkupõrgete eest kaitsvat peakatet ei tohi segi ajada kaitsekiivriga.

13.340.30**Respiraatorid****Respiratory protective devices****UUED STANDARDID****EVS-EN 405:2002**

Hind 190,00

Identne EN 405:2001

Hingamisteede kaitsevahendid. Ventiliga filtreerivad**poolmaskid gaaside või gaaside ja tahkete osakeste eest****kaitsmiseks. Nõuded,****katsetamine ja märgistus**

Standard määrab kindlaks

töökarakteristikud,

testimismeetodid ja

märgistusnõuded hingamisteede

kaitsevahenditena kasutatavatele,

ventiiliga, filtreerivatele

poolmaskidele, millel on kas

gaasifilter või kombineeritud filter.

Enesepäästmiseks kasutatavaid

vahendeid pole hõlmatud.

Standard ei hõlma gaasi

filtreerivaid ventiilideta poolmaske,

mis on varustatud ainult

väljahingamisventiilidega. Standa

rd ei hõlma vahendeid, mis on ette

nähtud kasutamiseks tingimustes,

kus esineb või võib esineda

hapnikuvaegus (hapnikku vähem

kui 17 mahuprotsenti).

EVS-EN 13274-6:2002

Hind 109,00

Identne EN 13274-6:2001

**Respiratory protective devices -
Methods of test - Part 6:
Determination of carbon
dioxide content of the
inhalation air**

This European Standard specifies the test procedure for measuring the carbon dioxide content in the inhaled air (dead space) of respiratory protective devices.

13.340.99

Muud kaitsevahendid

Other protective equipment

UUED STANDARDID

EVS-EN 1598:2001/A1:2002

Hind 66,00

Identne EN 1598:1997/A1:2001

**Health and safety in welding
and allied processes -**

**Transparent welding curtains,
strips and screens for arc
welding processes -
AMENDMENT**

This standard specifies safety requirements for transparent welding curtains, strips and screens to be used for shielding of working places from the surroundings where arc welding processes are used.

17.140.10

**Akustilised mõõtmised ja
müra vähendamise
üldküsimused**

**Acoustics measurements and
noise abatement in general**

UUED STANDARDID

EVS-ISO 7196:2002

Hind 66,00

Identne ISO 7196:1995

**Acoustics - Frequency-
weighting characteristics for
infrasound measurements**

This standard specifies a frequency-weighting characteristic, designated G, for the determination of weighted sound pressure levels of sound or noise whose spectrum lies partly or wholly within the frequency band from 1 Hz to 20 Hz.

17.220.20

**Elektriliste ja magnetiliste
suuruste mõõtmine**

**Measurement of electrical
and magnetic quantities**

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 39919

Tähtaeg: 2002-08-01

Identne IEC 61557-10:2000

ja identne EN 61557-10:2001

**Electrical safety in low voltage
distribution systems up to 1 000
V a.c. and 1 500 V d.c. -**

**Equipment for testing,
measuring or monitoring of
protective measures Part 10:
Combined measuring
equipment for testing,
measuring or monitoring of
protective measures**
Specifies the requirements for combined measuring equipment which combines into one piece of apparatus, several measuring functions or methods of testing, measuring or monitoring, some or all of which are covered in parts 2 to 7 of IEC 61557.

19.100

Mittepurustav katsetamine

Non-destructive testing

UUED STANDARDID

EVS-EN 13625:2002

Hind 126,00

Identne EN 13625:2001

**Non-destructive testing - Leak
test - Guide to the selection of
instrumentation for the
measurement of gas leakage**

This European Standard specifies criteria for the selection of equipment for the leak detection methods described in EN 1779. The minimum requirements for the performance of the instruments used are also given as a guideline for personnel involved in testing.

EVS-EN ISO 9934-1:2002

Hind 117,00

Identne ISO 9934-1:2001

ja identne EN ISO 9934-1:2001

**Non-destructive testing -
Magnetic particle testing - Part
1: General principle**

This standard specifies general principles for the magnetic particle testing of ferromagnetic materials. Magnetic particle testing is primarily applicable to the detection of surface-breaking discontinuities, particularly cracks.

21.060.01

**Kinnituselemendid
üldiselt**

Fasteners in general

UUED STANDARDID

EVS-EN 1515-2:2002

Hind 126,00

Identne EN 1515-2:2001

**Flanges and their joints -
Bolting - Part 2: Classification
of bolt materials for steel
flanges, PN designated**

This European Standard covers the classification of bolt materials combination with the flange material groups of steel flanges prEN 1092-1 (PN-designated).

21.060.10

Poldid, kruvid, tikkpoldid

Bolts, screws, studs

UUED STANDARDID

EVS-EN ISO 14579:2002

Hind 66,00

Identne ISO 14579:2001

ja identne EN ISO 14579:2001

**Hexalobular socket head cap
screws**

This standard specifies the characteristics of hexalobular socket head cap screws with thread sizes from M2 up to and including M20, of product grade A.

21.160

Vedrud

Springs

UUED STANDARDID

EVS-EN 13906-2:2002

Hind 109,00

Identne EN 13906-2:2001

**Cylindrical helical springs made
from round wire and bar -
Calculation and design - Part 2:
Extension springs**

EVS Teataja 7/2002

This standard specifies the calculation and design of cold and hot coiled helical cylindrical helical extension springs made from round wire and bar with values according to Table 1, loaded in the direction of the spring axis and operating at normal ambient temperatures.

EVS-EN 13906-3:2002

Hind 126,00

Identne EN 13906-3:2001

Cylindrical helical springs made from round wire and bar -

Calculation and design - Part 3:

Torsion springs

This standard specifies the calculation and design of cold coiled cylindrical helical torsion springs with a linear characteristic, made from round wire and bar of constant diameter with values according to Table 1.

23.020.30

Surveanumad, gaasiballoonid

Pressure vessels, gas
cylinders

UUED STANDARDID

EVS-EN 12754:2002

Hind 92,00

Identne EN 12754:2001

**Transportable gas cylinders -
Cylinders for dissolved
acetylene - Inspection at time of
filling**

This European Standard specifies minimum requirements which reflect current practice and experience for inspection at time filling of cylinders of water capacity up to 150 litres for the storage and transport of dissolved acetylene gas under pressure.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 38725

Tähtaeg: 2002-09-01

Identne EN 764-2:2002

Pressure equipment - Part 2:

Quantities, symbols and units

This European Standard specifies the basic quantities, symbols and units to be used for pressure equipment and assemblies addressed by the European Directive 97/23/EC.

prEVS 38726

Tähtaeg: 2002-09-01

Identne EN 764-3:2002

Pressure equipment - Part 3:

Definition of parties involved

This part of this draft European Standard gives definitions of parties involved in the design, manufacture, testing and inspection of pressure equipment addressed by the European Directive 97/23/EC.

prEVS 53123

Tähtaeg: 2002-09-01

Identne EN 764-7:2002

Pressure equipment - Part 7:

**Safety systems for unfired
pressure equipment**

This European Standard specifies the requirements for safety systems which protect a vessel, a system of vessels, piping, accessories or assemblies from exceeding operating conditions. It is also applicable to safety related indicators and alarms, signals and warning devices when used in safety systems. Equipment connected together by piping of adequate capacity, free from potential blockages and which does not contain any valve that can isolate any part from the safety system may be considered as a single pressure system when considering the requirements for overpressure protection.

prEVS 53141

Tähtaeg: 2002-09-01

Identne EN 13445-1:2002

**Unfired pressure vessels - Part
1: General**

This Part of this European Standard defines the terms, definitions, symbols and units that are used throughout the EN 13445. This Part of EN 13445 also gives guidelines on the principles on which each part of the standard has been based. This information is aimed to aid the user of the EN 13445. This European Standard applies to unfired pressure vessels subject to a maximum allowable pressure greater than 0,5 bar gauge but may be used for vessels operating at lower pressures, including vacuum.

prEVS 53142

Tähtaeg: 2002-09-01

Identne EN 13445-2:2002

**Unfired pressure vessels - Part
2: Materials**

This Part of this European Standard specifies the requirements for materials (including clad materials) for unfired pressure vessels and supports which are covered by EN

13445-1:2002 and manufactured from metallic materials; it is currently limited to steels with sufficient ductility. This document is not applicable in the creep range.

prEVS 53143

Tähtaeg: 2002-09-01

Identne EN 13445-3:2002

**Unfired pressure vessels - Part
3: Design**

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

prEVS 53144

Tähtaeg: 2002-09-01

Identne EN 13445-4:2002

**Unfired pressure vessels - Part
4: Fabrication**

This document specifies requirements for the manufacture of unfired pressure vessels and their parts, made of steels, including their connections to non-pressure parts. It specifies requirements for material traceability, manufacturing tolerances, welding requirements, production tests, forming requirements, heat treatment, repairs and finishing operations.

prEVS 53145

Tähtaeg: 2002-09-01

Identne EN 13445-6:2002

**Unfired pressure vessels - Part
6: Requirements for the design
and fabrication of pressure
vessels and pressure parts
constructed from spheroidal
graphite cast iron**

This European Standard specifies requirements for the design, materials, manufacturing and testing of pressure vessels and pressure vessel parts intended for use with a maximum allowable pressure, PS, equal or less 50 bar and shell wall thicknesses not exceeding 60 mm, that are constructed of spheroidal graphite cast iron.

prEVS 53146

Tähtaeg: 2002-09-01

Identne EN 13445-5:2002

**Unfired pressure vessels - Part
5: Inspection and testing**

This Part of this European Standard specifies the inspection and testing of individual and serially produced pressure vessels made of steels in accordance with EN 13445-2 subject to predominantly non_cyclic operation (i.e. vessels operating below 500 full equivalent pressure cycles).

23.020.40

Krüoogenanumad

Cryogenic vessels

UUED STANDARDID

EVS-EN 13371:2002

Hind 83,00

Identne EN 13371:2001

Cryogenic vessels - Couplings for cryogenic service

This standard specifies the minimum requirements for the design, manufacture and testing of couplings for cryogenic service to be used for temporary for connecting of flexible hoses to cryogenic vessels at the following operating conditions: design temperature range from -270 °C to +65 °C; maximum nominal pressure: 80 bar; nominal size (DN) from 10 to 100. Permanent connections such as flanges and unions are not covered by this standard.

23.040.01

Torustike osad ja torustikud üldiselt

Pipeline components and pipelines in general

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53136

Tähtaeg: 2002-09-01

Identne EN 13480-1:2002

Metallic industrial piping - Part 1: General

This European Standard specifies the requirements for industrial piping systems and supports, including safety systems, made of metallic materials (but initially restricted to steel) with a view to ensure safe operation. This European Standard is applicable to metallic piping above ground, ducted or buried, irrespective of pressure.

prEVS 53137

Tähtaeg: 2002-09-01

Identne EN 13480-2:2002

Metallic industrial piping - Part 2: Materials

This Part of this European Standard specifies the requirements for materials (including metallic clad materials) for industrial piping and supports covered by EN 13480-1 manufactured from of metallic materials. It is currently limited to steels with sufficient ductility. This Part of this European Standard is not applicable to materials in the creep range.

prEVS 53138

Tähtaeg: 2002-09-01

Identne EN 13480-3:2002

Metallic industrial piping - Part 3: Design and calculation

This Part of this European Standard specifies the design and calculation of industrial metallic piping systems, including supports, covered by EN 13480.

prEVS 53139

Tähtaeg: 2002-09-01

Identne EN 13480-4:2002

Metallic industrial piping - Part 4: Fabrication and installation

This Part of this European Standard specifies the requirements for fabrication and installation of piping systems, including supports, designed in accordance with EN 13480-3.

prEVS 53140

Tähtaeg: 2002-09-01

Identne EN 13480-5:2002

Metallic industrial piping - Part 5: Inspection and testing

This Part of this European Standard specifies the requirements for inspection and testing of industrial piping as defined in EN 13480-1:2002 to be performed on individual spools or piping systems, including supports, designed in accordance with EN 13480-3 and prEN 13480-6 (if applicable), and fabricated and installed in accordance with EN 13480-4.

23.040.10

Malm- ja terastorud

Iron and steel pipes

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 14812

Tähtaeg: 2002-09-01

Identne EN 10217-1:2002

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 1: Non-alloy steel tubes with specified room temperature properties

This Part of EN 10217 specifies the technical delivery conditions for two qualities TR1 and TR2 of welded tubes of circular cross section, made of non-alloy quality steel and with specified room temperature properties.

prEVS 31653

Tähtaeg: 2002-09-01

Identne EN 10216-2:2002

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

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

prEVS 31654

Tähtaeg: 2002-09-01

Identne EN 10217-2:2002

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 2: Electric welded non-alloy and alloy steel tubes with specified elevated temperature properties

This Part of EN 10217 specifies the technical delivery conditions in two test categories of electric welded tubes of circular cross section, with specified elevated temperature properties, made of non-alloy and alloy steel.

prEVS 31655

Tähtaeg: 2002-09-01

Identne EN 10217-5:2002

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 5: Submerged arc welded non-alloy and alloy steel tubes with specified elevated temperature properties

This Part of EN 10217 specifies the technical delivery conditions in two test categories of submerged arc welded tubes of circular cross section, with specified elevated temperature properties, made of non-alloy and alloy steel.

prEVS 32156

Tähtaeg: 2002-09-01

Identne EN 10217-3:2002

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

This Part of EN 10217 specifies the technical delivery condition in two test categories for welded tubes of circular cross section, made of weldable alloy fine grain steel.

prEVS 32163

Tähtaeg: 2002-09-01

Identne EN 10217-4:2002

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 4: Electric welded non-alloy steel tubes with specified low temperature properties

This Part of EN 10217 specifies the technical delivery conditions in two test categories of electric welded tubes of circular cross section, with specified low temperature properties, made of non-alloy steel.

prEVS 32164

Tähtaeg: 2002-09-01

Identne EN 10217-6:2002

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 6: Submerged arc welded non-alloy steel tubes with specified low temperature properties

This Part of EN 10217 specifies the technical delivery conditions in two test categories of submerged arc welded tubes of circular cross section, with specified low temperature properties, made of non-alloy steel.

prEVS 32339

Tähtaeg: 2002-09-01

Identne EN 10216-4:2002

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

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

prEVS 32340

Tähtaeg: 2002-09-01

Identne EN 10216-3:2002

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

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

prEVS 53079

Tähtaeg: 2002-09-01

Identne EN 1124-

1:1999/prA1:2002

Pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for waste water systems - Part 1: Requirements, testing, quality control

This European standard specifies requirements, tests and quality control for longitudinally welded, stainless steel pipes and fittings with spigot and socket for use in waste water systems usually operating under gravity or at a low head of pressure. For the purposes of this standard, components are pipes, fittings, joints and seals. This standard is for components used for the discharge of - domestic waste water- surface water and - groundwater This standard is also for components discharging other waste water (e.g. industrial waste water) as long as it does not damage the components or endanger the health and safety of personnel.

23.040.40

Metallist toruliitmikud

Metal fittings

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 53079

Tähtaeg: 2002-09-01

Identne EN 1124-

1:1999/prA1:2002

Pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for waste water systems - Part 1: Requirements, testing, quality control

This European standard specifies requirements, tests and quality control for longitudinally welded, stainless steel pipes and fittings with spigot and socket for use in waste water systems usually operating under gravity or at a low head of pressure. For the purposes of this standard, components are pipes, fittings, joints and seals. This standard is for components used for the discharge of - domestic

waste water- surface water and - groundwater This standard is also for components discharging other waste water (e.g. industrial waste water) as long as it does not damage the components or endanger the health and safety of personnel.

23.040.50

Muust materjalist torud ja toruliitmikud

Pipes and fittings of other materials

UUED STANDARDID

EVS-EN 1092-1:2002

Hind 229,00

Identne EN 1092-1:2001

Flanges and their joints - Circular flanges for pipes, valves, fittings and accessories, PN designated - Part 1: Steel flanges

This European Standard for a single series of flanges specifies requirements for circular steel flanges in PN designations PN 2,5 to PN 100 and nominal sizes from DN 10 to DN 4000.

23.040.60

Äärikud, muhvid jm toruühendused

Flanges, couplings and joints

UUED STANDARDID

EVS-EN 1515-2:2002

Hind 126,00

Identne EN 1515-2:2001

Flanges and their joints - Bolting - Part 2: Classification of bolt materials for steel flanges, PN designated

This European Standard covers the classification of bolt materials combination with the flange material groups of steel flanges prEN 1092-1 (PN-designated).

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 53078

Tähtaeg: 2002-09-01

Identne EN 1123-

1:1999/prA1:2002

Pipes and fittings of longitudinally welded hot-dip galvanized steel pipes with spigot and socket for waste water systems - Part 1: Requirements, testing, quality control

This standard specifies requirements, tests and quality control for longitudinally welded, hot-dip galvanized steel pipes and fittings with spigot and socket for use in waste water systems usually operating under gravity or at a low head of pressure. For the purposes of this standard, components are pipes, fittings, joints and seals. This standard is for components used for the discharge of - domestic waste water - surface water and - groundwater. This standard is also for components discharging other waste water (e.g. industrial waste water) as long as it does not damage the components or endanger the safety and health of personnel.

prEVS 53079

Tähtaeg: 2002-09-01

Identne EN 1124-

1:1999/prA1:2002

Pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for waste water systems - Part 1: Requirements, testing, quality control

This European standard specifies requirements, tests and quality control for longitudinally welded, stainless steel pipes and fittings with spigot and socket for use in waste water systems usually operating under gravity or at a low head of pressure. For the purposes of this standard, components are pipes, fittings, joints and seals. This standard is for components used for the discharge of - domestic waste water- surface water and - groundwater. This standard is also for components discharging other waste water (e.g. industrial waste water) as long as it does not damage the components or endanger the health and safety of personnel.

23.040.70

Voolikud ja voolikuühendused

Hoses and hose assemblies

UUED STANDARDID

EVS-EN 13371:2002

Hind 83,00

Identne EN 13371:2001

Cryogenic vessels - Couplings for cryogenic service

This standard specifies the minimum requirements for the design, manufacture and testing of couplings for cryogenic service to be used for temporary for connecting of flexible hoses to cryogenic vessels at the following operating conditions: design temperature range from -270 °C to +65 °C; maximum nominal pressure: 80 bar; nominal size (DN) from 10 to 100. Permanent connections such as flanges and unions are not covered by this standard.

23.060.01

Sulgeseadmed üldiselt

Valves in general

UUED STANDARDID

EVS-EN 12201-4:2002

Hind 109,00

Identne EN 12201-4:2001

Plastics piping systems for water supply - Polyethylene (PE) - Part 4: Valves

This part of the standard specifies the characteristics of valves or valve bodies made from polyethylene (PE) intended for the conveyance of water intended for human consumption, including raw water prior to treatment.

23.060.40

Rõhuregulaatorid

Pressure regulators

UUED STANDARDID

EVS-EN 13152:2002

Hind 126,00

Identne EN 13152:2001

Specification and testing of LPG cylinder valves - Self closing

This European Standard specifies the requirements for design, specification and type testing for self-closing cylinder valves specifically for use with LPG. It includes references to associated equipment for vapour or liquid service.

EVS-EN 13153:2002

Hind 139,00

Identne EN 13153:2001

Specification and testing of LPG cylinder valves - Manually operated

This European Standard specifies the requirements for design, specification and type testing of manually operated cylinder valves specifically for use with LPG. It includes references to associated equipment for vapour or liquid service.

25.040.30

Tööstusrobotid. Manipulaatorid

Industrial robots.

Manipulators

UUED STANDARDID

EVS-EN ISO 14539:2002

Hind 170,00

Identne ISO 14539:2000

ja identne EN ISO 14539:2001

Manipulating industrial robots - Object handling with grasp-type grippers - Vocabulary and presentation of characteristics

This standard focuses on the functionalities of end effectors and concentrates on grasptype grippers as defined in 4.1.2.1. This standard provides terms to describe object handling and terms of functions, structures, and elements of grasp-type grippers.

25.040.40

Mõõtmise ja kontroll tööstusprotsessides

Industrial process

measurement and control

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53091

Tähtaeg: 2002-08-01

Identne IEC 61326:1997

ja identne EN

61326:1997/A2:2001

Electrical equipment for measurement, control and laboratory use - EMC requirements

Instruments and equipment within the scope of this standard are involved within industrial process (this covers all equipment within the scope of this standard that may be used in close proximity to the industrial process).

25.140.10**Pneumotööriistad****Pneumatic tools****UUED STANDARDID****EVS-EN 792-7:2002**

Hind 199,00

Identne EN 792-7:2001

Hand-held non-electric power tools - Safety requirements - Part 7: Grinders

This European Standard applies to hand-held non-electric power tools driven by rotary or linear motors, powered by compressed air or hydraulic fluid and intended to be used by one operator.

25.140.99**Muud käsitööriistad****Other hand-held tools****UUED STANDARDID****EVS-EN 792-7:2002**

Hind 199,00

Identne EN 792-7:2001

Hand-held non-electric power tools - Safety requirements - Part 7: Grinders

This European Standard applies to hand-held non-electric power tools driven by rotary or linear motors, powered by compressed air or hydraulic fluid and intended to be used by one operator.

25.160.01**Keevitus ja jootmine üldiselt****Welding, brazing and soldering in general****UUED STANDARDID****EVS-EN ISO 15618-1:2002**

Hind 155,00

Identne ISO 15628-1:2001

ja identne EN ISO 15618-1:2001

Qualification testing of welders for under-water welding - Part 1: Diver-welders for hyperbaric wet welding

This standard applies to welding processes where the skill of the diver-welder has a significant influence on weld quality. This standard specifies essential requirements, ranges of approval, test conditions, acceptance requirements and certification for the approval testing of diver-welder performance for the

welding of steels underwater in hyperbaric wet environment. The recommended format for the certificate of approval testing is given in Annex B.

EVS-EN ISO 15618-2:2002

Hind 146,00

Identne ISO 15618-2:2001

ja identne EN ISO 15618-2:2001

Qualification testing of welders for under-water welding - Part 2: Diver-welders and welding operators for hyperbaric dry welding

This standard applies to welding processes where the skill of the diver-welder or welding operator has a significant influence on weld quality. This standard specifies essential requirements, ranges of approval, test conditions, acceptance requirements and certification for the approval testing of diver-welder and welding operator performance for the welding of steels underwater in a hyperbaric dry environment.

25.160.40**Keevisliited****Welded joints****UUED STANDARDID****EVS-EN ISO 6520-2:2002**

Hind 155,00

Identne ISO 6520-2:2001

ja identne EN ISO 6520-2:2001

Welding and allied processes - Classification of geometric imperfections in metallic materials - Part 2: Welding with pressure

This standard collects and classifies the possible imperfections in welds made with pressure. A uniform designation is specified. Only the type, shape and dimensions of the different imperfections caused by welding with pressure are included.

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 53124

Tähtaeg: 2002-09-01

Identne EN 1712:1997/A1:2002

Keevisõmbluste mittepurustav kontrollimine. Keevisliidete ultrahelikontrollimine.**Vastuvõetavuse tasemed**

This standard specifies ultrasonic acceptance levels, 2 and 3, for full penetration welded joints in ferritic steels, which correspond to the quality levels B and C of EN 25817, respectively. Other acceptance levels can be used by agreement between the contracting parties.

prEVS 53125

Tähtaeg: 2002-09-01

Identne EN 1713:1998/A1:2002

Keevisõmbluste mittepurustav kontrollimine. Ultraheliuuring. Keevisõmblustelt saadud signaalide iseloomustus

This standard defines a flowchart procedure, which is devoted to the classification of internal indications as planar or non-planar.

prEVS 53126

Tähtaeg: 2002-09-01

Identne EN 1714:1997/A1:2002

Keevisõmbluste mittepurustav kontrollimine. Keevisliidete ultrahelikontrollimine

This standard specifies methods for the manual ultrasonic examination of fusion welded joints in metallic materials equal to and above 8 mm thick which exhibit low ultrasonic attenuation (especially that due to scatter). It is primarily intended for use on full penetration welded joints where both the welded and parent material are ferritic.

prEVS 53127

Tähtaeg: 2002-09-01

Identne EN 1289:1998/A1:2002

Keevisõmbluste mittepurustav kontrollimine. Keevisõmbluste katsetamine kapillaarmeetodil (immutusvedelikega).**Tehniliste tingimuste vastavuse tasemed**

This European Standard specifies acceptance levels for indications from surface breaking imperfections in metallic welds detected by penetrant testing.

prEVS 53128

Tähtaeg: 2002-09-01

Identne EN 1290:1998/A1:2002

Keevituste mittepurustav katsetamine. Keevituste magnetosakeste uurimine

This standard specifies magnetic particle examination techniques for the detection of surface imperfections in ferromagnetic welds including the heat affected zones using the magnetic method.

prEVS 53129

Tähtaeg: 2002-09-01

Identne EN 1291:1998/A1:2002

Keevisõmbluste mittepurustav kontrollimine. Keevisõmbluste katsetamine magnetpulbriga. Tehnilistele tingimustele vastavuse tasemed

This European Standard specifies acceptance levels for indications from imperfections in ferromagnetic steel welds detected by magnetic particle testing.

prEVS 53130

Tähtaeg: 2002-09-01

Identne EN 12062:1997/A1:2002

Keevisõmbluste mittepurustav kontrollimine. Üldjuhised metalsete materjalide kohta

Based on quality requirements, material, weld thickness, welding process and extent of examination, this standard provides guidance for the choice of non-destructive examination methods of welds and evaluation of the results for quality control purposes. This standard also specifies general rules and standards to be applied to the different types of examination, for either the methodology or the acceptance level for metallic materials.

prEVS 53131

Tähtaeg: 2002-09-01

Identne EN 1435:1997/A1:2002

Keevisõmbluste mittepurustav kontrollimine. Keevisliidete radiograafilise uurimise

This standard specifies fundamental techniques of radiography with the object of enabling satisfactory and repeatable results to be obtained economically. The techniques are based on generally recognized practice and fundamental theory of the subject. This standard applies to the radiographic examination of fusion welded joints in metallic materials.

25.160.50

Jootmine kõva- ja pehmejoodisega

Brazing and soldering

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53150

Tähtaeg: 2002-09-01

Identne prEN 14324:2001

Brazing - Guidance on the application of brazed joints

This European Standard gives guidance on the application of brazed joints. Brazing techniques offer a wide field for joining, cladding, building up and comparable applications. This standard gives an introduction to brazing and a basis for the understanding and use of brazing in different applications. Because of the wide range of applications of brazing this standard does not give detailed guidance that might be product specific. For such information reference should be made to the appropriate product standard or, for applications where this does not exist, the relevant criteria should be clearly established before any brazing is undertaken.

25.220.20

Pinnatöötlus

Surface treatment

UUED STANDARDID

EVS-EN ISO 10111:2002

Hind 109,00

Identne ISO 10111:2000

ja identne EN ISO 10111:2001

Metallic and other inorganic coatings - Measurement of mass per unit area - Review of gravimetric and chemical analysis methods

This standard outlines general methods for determining the average surface density over a measured area of anodic oxide or of a coating deposited autocatalytically, mechanically, by chemical conversion, by electrodeposition, by hot dip galvanizing and by vacuum using gravimetric and other chemical analysis procedures that have attained some degree of national or international standardization.

25.220.40

Metallpinded

Metallic coatings

UUED STANDARDID

EVS-EN ISO 10111:2002

Hind 109,00

Identne ISO 10111:2000

ja identne EN ISO 10111:2001

Metallic and other inorganic coatings - Measurement of mass per unit area - Review of gravimetric and chemical analysis methods

This standard outlines general methods for determining the average surface density over a measured area of anodic oxide or of a coating deposited autocatalytically, mechanically, by chemical conversion, by electrodeposition, by hot dip galvanizing and by vacuum using gravimetric and other chemical analysis procedures that have attained some degree of national or international standardization.

27.040

Gaasi- ja auruturbiinid. Aurumasinad

Gas and steam turbines.

Steam engines

UUED STANDARDID

EVS-EN 12952-1:2002

Hind 117,00

Identne EN 12952-1:2001

Water-tube boilers and auxiliary installations - Part 1: General

This European Standard applies to water-tube boilers with volumes in excess of 2 litres for generation of steam and/or hot water at an allowable pressure greater than 0,5 bar and with a temperature in excess of 110 °C as well as auxiliary installations (other plant equipment).

EVS-EN 12952-2:2002

Hind 139,00

Identne EN 12952-2:2001

Water-tube boilers and auxiliary installations - Part 2: Materials for pressure parts of boilers and accessories

This EN 12952-2 covers the requirements for the following materials for use in pressure parts of water-tube boilers and for parts welded on pressure parts: plates; wrought welded tubes; electrically welded tubes; submerged, plasma and TIG arc-welded tubes; forgings; castings; rolled bars; welding consumables; fasteners; seamless composite tubes.

EVS-EN 12952-3:2002

Hind 306,00

Identne EN 12952-3:2001

Water tube boilers and auxiliary installations - Part 3: Design and calculation for pressure parts

This part of this European Standard specifies rules for the design and calculation of water-tube boilers as defined in EN 12952-1.

EVS-EN 12952-5:2002

Hind 247,00

Identne EN 12952-5:2001

Water-tube boilers and auxiliary installations - Part 5:

Workmanship and construction of pressure parts of the boiler

This part of the European Standard specifies requirements for the workmanship and construction of water-tube boilers as defined in EN 12952-1.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 30712

Tähtaeg: 2002-09-01

Identne EN 12952-6:2002

Water-tube boilers and auxiliary installations - Part 6: Inspection during construction;

documentation and marking of pressure parts of the boiler

This Part of this European Standard specifies requirements for the inspection during construction, documentation and marking of water-tube boilers as defined in EN 12952-1.

27.060.30

Katlad ja soojusvahetid

Boilers and heat exchangers

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 30691

Tähtaeg: 2002-09-01

Identne EN 12953-3:2002

Shell boilers - Part 3: Design and calculation for pressure parts

This Part of this European Standard specifies requirements for the design and calculation of pressure parts of shell boilers as defined in EN 12953-1.

prEVS 30692

Tähtaeg: 2002-09-01

Identne EN 12953-4:2002

Shell boilers - Part 4:

Workmanship and construction of pressure parts of the boiler

This Part of this European Standard specifies requirements for the workmanship and construction of shell boilers as defined in EN 12953-1.

prEVS 30693

Tähtaeg: 2002-09-01

Identne EN 12953-6:2002

Shell boilers - Part 6:

Requirements for equipment for the boiler

This Part of this European Standard specifies requirements for safety related equipment for shell boilers as defined in EN 12953-1, irrespective of the degree of supervisions.

prEVS 30694

Tähtaeg: 2002-09-01

Identne EN 12953-7:2002

Shell boilers - Part 7 :

Requirements for firing systems for liquid and gaseous fuels for the boilers

This Part of this European Standard specifies requirements for firing systems for oil and gaseous fuels applicable to shell boilers, as defined in EN 12953-1, irrespective of the degree of supervision. For multifuel firing systems using separate or combined burners, these requirements apply to the oil and/or gas firing part involved.

prEVS 30699

Tähtaeg: 2002-09-01

Identne EN 12953-5:2002

Shell boilers - Part 5: Inspection during construction, documentation and marking of pressure parts of the boiler

This Part of the European Standard specifies requirements for the inspection during construction, documentation and marking of shell boilers as defined in EN 12953-1.

prEVS 30705

Tähtaeg: 2002-09-01

Identne EN 12952-8:2002

Water-tube boilers and auxiliary installations - Part 8:

Requirements for firing systems for liquid and gaseous fuels for the boiler

This Part of this European Standard specifies requirements, for oil and gas firing systems of steam boilers and hot water generators as defined in EN 12952-1. These requirements also apply to firing systems of chemical recovery boilers (black liquor boilers) with the additions and

amendments specified in Annex A of this standard.

27.080

Soojuspumbad

Heat pumps

UUED STANDARDID

EVS-EN 13313:2002

Hind 92,00

Identne EN 13313:2001

Refrigerating systems and heat pumps - Competence of personnel

This European Standard establishes procedures for achieving and assessing the competence of persons who design, install, inspect, test and commission, maintain, repair and dispose of refrigerating systems and heat pumps with respect to health, safety, environmental protection and energy conservation requirements.

27.100

Elektrijaamad üldiselt

Power stations in general

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 30691

Tähtaeg: 2002-09-01

Identne EN 12953-3:2002

Shell boilers - Part 3: Design and calculation for pressure parts

This Part of this European Standard specifies requirements for the design and calculation of pressure parts of shell boilers as defined in EN 12953-1.

prEVS 30692

Tähtaeg: 2002-09-01

Identne EN 12953-4:2002

Shell boilers - Part 4:

Workmanship and construction of pressure parts of the boiler

This Part of this European Standard specifies requirements for the workmanship and construction of shell boilers as defined in EN 12953-1.

prEVS 30693

Tähtaeg: 2002-09-01

Identne EN 12953-6:2002

Shell boilers - Part 6:

Requirements for equipment for the boiler

This Part of this European Standard specifies requirements for safety related equipment for shell boilers as defined in EN 12953-1, irrespective of the degree of supervisions.

prEVS 30694

Tähtaeg: 2002-09-01

Identne EN 12953-7:2002

Shell boilers - Part 7 :

Requirements for firing systems for liquid and gaseous fuels for the boilers

This Part of this European Standard specifies requirements for firing systems for oil and gaseous fuels applicable to shell boilers, as defined in EN 12953-1, irrespective of the degree of supervision. For multifuel firing systems using separate or combined burners, these requirements apply to the oil and/or gas firing part involved.

prEVS 30699

Tähtaeg: 2002-09-01

Identne EN 12953-5:2002

Shell boilers - Part 5: Inspection during construction, documentation and marking of pressure parts of the boiler

This Part of the European Standard specifies requirements for the inspection during construction, documentation and marking of shell boilers as defined in EN 12953-1.

prEVS 30705

Tähtaeg: 2002-09-01

Identne EN 12952-8:2002

Water-tube boilers and auxiliary installations - Part 8:

Requirements for firing systems for liquid and gaseous fuels for the boiler

This Part of this European Standard specifies requirements, for oil and gas firing systems of steam boilers and hot water generators as defined in EN 12952-1. These requirements also apply to firing systems of chemical recovery boilers (black liquor boilers) with the additions and amendments specified in Annex A of this standard.

27.200

Külmutustehnika

Refrigerating technology

UUED STANDARDID

EVS-EN 13313:2002

Hind 92,00

Identne EN 13313:2001

Refrigerating systems and heat pumps - Competence of personnel

This European Standard establishes procedures for achieving and assessing the competence of persons who design, install, inspect, test and commission, maintain, repair and dispose of refrigerating systems and heat pumps with respect to health, safety, environmental protection and energy conservation requirements.

29.020

Elektrotehnika üldküsimused

Electrical engineering in general

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53093

Tähtaeg: 2002-08-01

Identne IEC 61547:1995

ja identne EN

61547:1995/A1:2000

Equipment for general lighting purposes - EMC immunity requirements

This International Standard for electromagnetic immunity requirements applies to lighting equipment which is within the scope of IEC technical committee 34, such as lamps, auxiliaries and luminaires, intended either for connecting to a low voltage electricity supply or for battery operation.

prEVS 53102

Tähtaeg: 2002-08-01

Identne IEC 60695-2-10:2000

ja identne EN 60695-2-10:2001

Fire Hazard testing - Part 2-10:

Glowing/hot-wire based test methods - Glow-wire apparatus and common test procedure

Specifies the glow-wire apparatus and common test procedure to simulate the effect of thermal stresses which may be produced by heat sources such as glowing elements or overloaded resistors, for short periods, in order to assess the fire hazard by a simulation technique. The test described in this standard is applicable to electrotechnical equipment, its subassemblies and components, and may also be applied to solid electrical insulating materials or

other solid combustible materials.

Has the status of a basic safety publication in accordance with IEC Guide 104.

prEVS 53103

Tähtaeg: 2002-08-01

Identne IEC 6695-2-11:2000

ja identne EN 60695-2-11:2001

Fire hazard testing - Part 2-11:

Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products

Specifies the details of the glow-wire test to be applied to end-products for fire hazard testing. For the purpose of this standard, end-product means electrotechnical equipment, its subassemblies, and components. Has the status of a basic safety publication in accordance with IEC Guide 104.

prEVS 53104

Tähtaeg: 2002-08-01

Identne IEC 60695-2-12:2000

ja identne EN 60695-2-12:2001

Fire hazard testing - Part 2-12:

Glowing/hot-wire based test methods - Glow-wire flammability test method for materials

Specifies the details of the glow-wire test to be applied to test specimens of solid electrical insulating materials or other solid materials for flammability testing to determine the glow-wire flammability index (GWFI). The test results make it possible

prEVS 53105

Tähtaeg: 2002-08-01

Identne IEC 60695-2-13:2000

ja identne EN 60695-2-13:2001

Fire hazard testing - Part 2-13:

Glowing/hot-wire based test methods - Glow-wire ignitability test method for materials

Specifies the details of the glow-wire test to be applied to test specimens of solid electrical insulating materials or other solid materials for ignitability testing to determine the glow-wire ignition temperature (GWIT). The test results make it possible

29.060.20

Kaablid

Cables

UUED STANDARDID

EVS-HD 308 S2:2002

Hind 66,00

Identne HD 308 S2:2001

Identification of cores in cables and flexible cords

This harmonization Document applies to the identification of cores of rigid and flexible cables and cords for which the rated voltage does not exceed the upper limit of Voltage Band II (according to HD 193).

29.080.01

Elektriisolatsioon üldiselt

Electrical insulation in general

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 33986

Tähtaeg: 2002-08-01

Identne IEC 60034-18-22:2000

ja identne EN 60034-18-22:2001

Rotating electrical machines - Part 18-22: Functional evaluation of insulation systems - Test procedures for wire-wound windings - Classification of changes and insulation component substitutions

This section of IEC 34-18 gives test procedures for the thermal evaluation and classification of changes and insulation component substitutions in insulation systems used or proposed for use in a proven insulation system used in wire-wound windings. The test procedures are comparative in that the performance of a candidate system is compared to that of a reference system which has previously been proved by experience or has been evaluated by one of the procedures given in IEC 34-18-21 and to which the change or substitution is intended.

prEVS 39919

Tähtaeg: 2002-08-01

Identne IEC 61557-10:2000

ja identne EN 61557-10:2001

Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. -

Equipment for testing, measuring or monitoring of protective measures Part 10: Combined measuring equipment for testing, measuring or monitoring of protective measures

Specifies the requirements for combined measuring equipment which combines into one piece of apparatus, several measuring functions or methods of testing, measuring or monitoring, some or all of which are covered in parts 2 to 7 of IEC 61557.

29.080.20

Läbiviigid

Bushings

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 30528

Tähtaeg: 2002-08-01

Identne EN 50262:1998

Metric cable glands for electrical installations

This European standard provides requirements and tests for the construction and performance of cable glands. This standard covers complete glands as supplied by the manufacturer or supplier, but not parts of cable glands.

prEVS 39942

Tähtaeg: 2002-08-01

Identne EN 50262:1998/A1:2001

Metric cable glands for electrical installations

This European standard provides requirements and tests for the construction and performance of cable glands. This standard covers complete glands as supplied by the manufacturer or supplier, but not parts of cable glands.

29.120.01

Elektriaparaadid ja -tarvikud üldiselt

Electrical accessories in general

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 24204

Tähtaeg: 2002-08-01

Identne IEC 60335-2-97:1998

ja identne EN 60335-2-97:2000

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

Deals with the safety of electric drives for rolling equipment such as shutters for doors and windows, blinds and awnings. Drives for equipment with a spring-controlled part, such as a folding arm awning are included. Drives for garage doors are covered by IEC 60335-2-95.

29.120.10

Elektrijuhtide

paigaldustorud jms

Conduits for electrical purposes

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53109

Tähtaeg: 2002-08-01

Identne IEC 61537:2000

ja identne EN 61537:2001

Cable tray systems and cable ladder systems for cable management

This International Standard specifies requirements and tests for cable tray systems and cable ladder systems intended for the support and accommodation of cables and possibly other electrical equipment in electrical and/or communication systems installations. Where necessary, cable tray systems and cable ladder systems may be used for the segregation of cables. This standard does not apply to conduit systems, cable trunking systems and cable ducting systems or any current-carrying parts.

29.120.50

Kaitsmed jm

liigvoolukaitseaparaadid

Fuses and other overcurrent protection devices

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 40028

Tähtaeg: 2002-08-01

Identne IEC 60898-2:2000

ja identne EN 60898-2:2001

Circuit-breakers for overcurrent protection for household and similar installations Part 2: Circuit-breakers for a.c. and d.c. operation

This standard gives additional requirements for single- and two-pole circuit-breakers suitable for operation with direct current, having a rated d.c. voltage not exceeding 220 V for single-pole and 440 V for two-pole circuit-breakers, a rated current not exceeding 125 A and a rated d.c. short-circuit capacity not exceeding 10000 A. This Part 2 is to be used in conjunction with IEC 60898-1.

29.120.60

Lülitus- ja juhtimisaparaadid

Switchgear and controlgear

KAVANDITE ARVAMUSKÜSITLUS

prEVS 28481

Tähtaeg: 2002-08-01

Identne EN 50227:1999

Control circuit devices and switching elements proximity sensors, d.c. interface for proximity sensors and switching amplifiers (NAMUR)

This standard applies to proximity sensors connected for operation by a two-wire connecting conductor to the control input of a switching amplifier. The switching amplifier contains a d.c. source to supply the control circuit and is controlled by the variable internal resistance of the proximity sensor.

prEVS 36727

Tähtaeg: 2002-08-01

Identne EN 50295:1999

Low-voltage switchgear and controlgear - Controller and device interface systems - Actuator Sensor interface (AS-i)

This standard specifies requirements for a bit-oriented interface system between a single controlling device and control circuit devices or switching elements as defined in EN 60947-1, connected by an unshielded, untwisted two-wire cable carrying data and power. It also enables the interchangeability of components which have such interfaces. This standard specifies: - requirements for interfaces and for electromechanical structures for slaves and masters; - performance

of slaves, electromechanical structures and masters under normal service conditions; - constructional and performance requirements; - tests to verify conformance to the requirements. Specific requirements for the various profiles for slaves and masters are given in annexes A and B.

prEVS 53089

Tähtaeg: 2002-08-01

Identne IEC 60947-2:1995

ja identne EN 60947-

2:1996/A2:2001

Low-voltage switchgear and controlgear - Part 2: Circuit-breakers

This standard applies to circuit-breakers, the main contacts of which are intended to be connected to circuits, the rated voltage of which does not exceed 1000 V a.c. or 1500 V d.c.; it also contains additional requirements for integrally fused circuit-breakers. It applies whatever the rated currents, the method of construction or the proposed applications of the circuit-breakers may be. Requirements (additional) for circuit-breakers: - intended to provide earth-leakage protection are contained in annex B; - with electronic over-current protection are contained in annex F; - for IT systems are contained in annex H; Supplementary requirements for circuit-breakers used as direct-on-line starters are given in IEC 60947-4-1, applicable to low-voltage contactors and starters. The requirements for circuit-breakers for the protection of wiring installations in buildings and similar applications, and designed for use by uninstructed persons, are contained in IEC 898.

29.120.70

Reeled

Relays

KAVANDITE ARVAMUSKÜSITLUS

prEVS 37019

Tähtaeg: 2002-08-01

Identne IEC 60255-5:2000

ja identne EN 60255-5:2001

Electrical relays Part 5: Insulation coordination for measuring relays and protection equipment - Requirements and tests

Lays down general requirements for the insulation coordination of measuring relays and protection equipment. Gives guidance for the selection of clearances and creepage distances and other aspects related to the insulation of measuring relays and protection equipment; specifies requirements for voltage tests and insulation resistance measurement.

29.130.20

Madalpingelised lülitusseadmed ja nende juhtseadmed

Low voltage switchgear and controlgear

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53088

Tähtaeg: 2002-08-01

Identne IEC 60947-1:1999

ja identne EN 60947-

1:1999/A1:2001

Low-voltage switchgear and controlgear - Part 1: General rules

Applies, when required by the relevant product standard, to switchgear and controlgear hereinafter referred to as "equipment" and intended to be connected to circuits, the rated voltage of which does not exceed 1000 V a.c. or 1500 V d.c. It does not apply to low-voltage switchgear and controlgear assemblies which are dealt with in IEC 60439. It states those general rules and requirements which are common to low-voltage equipment as defined in Subclause 1.1, including for example: - definitions; - characteristics; - information supplied with the equipment; - normal service, mounting and transport conditions; - constructional and performance requirements; - verification of characteristics and performance.

prEVS 53106

Tähtaeg: 2002-08-01

Identne IEC 60715:1981+A1:1995

ja identne EN 60715:2001

Dimensions of low-voltage switchgear and controlgear - Standardized mounting on rails for mechanical support of electrical devices in switchgear and controlgear installations

Specifies dimensional and functional requirements for the compatible mounting of varied electrical devices on some types of rails in switchgear and controlgear assemblies. An appendix gives the standardized dimensions of steel mounting rails with Top Hat, C and G sections. A second appendix provides an application guide for the use of rails.

29.140

Lambid ja valgustid

Lamps and related equipment

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53093

Tähtaeg: 2002-08-01

Identne IEC 61547:1995

ja identne EN

61547:1995/A1:2000

Equipment for general lighting purposes - EMC immunity requirements

This International Standard for electromagnetic immunity requirements applies to lighting equipment which is within the scope of IEC technical committee 34, such as lamps, auxiliaries and luminaires, intended either for connecting to a low voltage electricity supply or for battery operation.

29.140.10

Lambisoklid ja -pesad

Lamp caps and holders

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53098

Tähtaeg: 2002-08-01

Identne IEC 60061-4:1990

ja identne EN 60061-

4:1992/A7:2001

Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 4: Guidelines and general information

This consolidated version of IEC 60061-4 is based on the first edition (1969) and its supplements A(1992), B(1994), C(1994), D(1995) and amendments 5 (1998) and 6 (2000). It bears the edition number 1.6.

29.140.20

Hõõglambid

Incandescent lamps

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53112

Tähtaeg: 2002-08-01

Identne IEC 61549:1996

ja identne EN

61549:1996/A2:2001

Miscellaneous lamps

This International Standard specifies lamps or information relevant to lamps not covered elsewhere in the scope of existing IEC standards.

29.140.30

Luminofoorlambid.

Lahenduslambid

Fluorescent lamps. Discharge lamps

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53112

Tähtaeg: 2002-08-01

Identne IEC 61549:1996

ja identne EN

61549:1996/A2:2001

Miscellaneous lamps

This International Standard specifies lamps or information relevant to lamps not covered elsewhere in the scope of existing IEC standards.

29.140.99

Muud lampide ja valgustitega seotud standardid

Other standards related to lamps

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 38265

Tähtaeg: 2002-08-01

Identne IEC 61347-1:2000

ja identne EN 61347-1:2001

Lamp controlgear - Part 1:

General and safety requirements

This part of IEC 61347 specifies general and safety requirements for lamp controlgear for use on d.c. supplies up to 250 V and/or a.c. supplies up to 1 000 V at 50 Hz or 60 Hz. This standard also covers lamp controlgear for lamps which are not yet standard

prEVS 38323

Tähtaeg: 2002-08-01

Identne IEC 61347-2-2:2000

ja identne EN 61347-2-2:2001

Lamp controlgear - Part 2-2: Particular requirements for d.c. or a.c. supplied electronic step-down convertors for filament lamps

This part of IEC 61347 specifies particular safety requirements for electronic step-down convertors for use on d.c. supplies up to 250 V or a.c. supplies up to 1 000 V at 50 Hz or 60 Hz and rated output voltage ≤ 50 V r.m.s. at a frequency deviating from the supply frequency or ≤ 50 V unsmoothed d.c. between conductors or between any conductor and earth, associated with tungsten-halogen lamps as specified in IEC 60357 and other filament lamps. This first edition of IEC 61347-2-2, together with IEC 61347-1, cancels and replaces the second edition of IEC 61046, published in 1993, and constitutes a minor revision. This standard shall be used in conjunction with IEC 61347-1. It was established on the basis of the first edition (2000) of that edition.

prEVS 38324

Tähtaeg: 2002-08-01

Identne IEC 61347-2-3:2000

ja identne EN 61347-2-3:2001

Lamp controlgear - Part 2-3: Particular requirements for a.c. supplied electronic ballasts for fluorescent lamps

This part of IEC 61347 specifies particular safety requirements for electronic ballasts for use on a.c. supplies up to 1 000 V at 50 Hz or 60 Hz with operating frequencies deviating from the supply frequency, associated with fluorescent lamps as specified in IEC 60081 and IEC 60901, and other fluorescent lamps for high-frequency operation. This first edition of IEC 61347-2-3, together with IEC 61347-1, cancels and replaces the second edition of IEC 60928, published in 1995, and constitutes a minor revision. This standard shall be used in conjunction with IEC 61347-1. It was established on the basis of the first edition (2000) of that standard.

prEVS 38325

Tähtaeg: 2002-08-01

Identne IEC 61347-2-4:2000

ja identne EN 61347-2-4:2001

**Lamp controlgear - Part 2-4:
Particular requirements for d.c.
supplied electronic ballasts for
general lighting**

This part of IEC 61347 specifies particular safety requirements for d.c. supplied electronic ballasts intended for operation from transient and surge-free power sources, operated directly from batteries without charging equipment as used in leisure equipment, for example, caravans, etc. This first edition of IEC 61347-2-4, together with IEC 61347-1, cancels and replaces section three of the first edition of IEC 60924, published in 1990, and constitutes a minor revision. This standard shall be used in conjunction with IEC 61347-1. It was established on the basis of the first edition (2000) of that standard.

prEVS 38335

Tähtaeg: 2002-08-01

Identne IEC 71347-2-7:2000

ja identne EN 61347-2-7:2001

**Lamp controlgear - Part 2-7:
Particular requirements for d.c.
supplied electronic ballasts for
emergency lighting**

This part of IEC 61347 specifies particular safety requirements for d.c. supplied electronic ballasts for maintained and non-maintained emergency lighting purposes. It includes specific requirements for ballasts and control units for luminaires for emergency lighting as specified by IEC 60598-2-22. This first edition of IEC 61347-2-7, together with IEC 61347-1, cancels and replaces section six of the first edition of IEC 60924, published in 1990, and constitutes a minor revision. This standard shall be used in conjunction with IEC 61347-1. It was established on the basis of the first edition (2000) of that standard.

prEVS 38336

Tähtaeg: 2002-08-01

Identne IEC 61347-2-8:2000

ja identne EN 61347-2-8:2001

**Lamp controlgear - Part 2-8:
Particular requirements for
ballasts for fluorescent lamps**

This part of IEC 61347 specifies safety requirements for ballasts, excluding resistance types, for use on a.c. supplies up to 1 000 V at 50 Hz or 60 Hz, associated with fluorescent lamps with or without pre-heated cathodes operated with or without a starter or starting

device and having rated wattages, dimensions and characteristics as specified in IEC 60081 and 60901. This first edition of IEC 61347-2-8, together with IEC 61347-1, cancels and replaces the first edition of IEC 60920, published in 1990, and constitutes a minor revision. This standard shall be used in conjunction with IEC 61347-1. It was established on the basis of the first edition (2000) of that standard.

prEVS 38338

Tähtaeg: 2002-08-01

Identne IEC 61347-2-10:2000

ja identne EN 61347-2-10:2001

**Lamp controlgear - Part 2-10:
Particular requirements for
electronic invertors and
convertors for high-frequency
operation of cold start tubular
discharge lamps (neon tubes)**

This part of IEC 61347 specifies general and safety requirements for lamp controlgear for use on d.c. supplies up to 250 V and/or a.c. supplies up to 1 000 V at 50 Hz or 60 Hz. This standard also covers lamp controlgear for lamps which are not yet standard

prEVS 53107

Tähtaeg: 2002-08-01

Identne IEC 60730-2-3:1990

ja identne EN 60730-2-3/A2:2001

**Automatic electrical controls for
household and similar use - Part
2: Particular requirements for
thermal protectors for ballasts
for tubular fluorescent lamps**
Applies to the inherent safety, to the operating values, operating times and operating sequences where such are associated with equipment safety and to the testing of thermal protectors for ballasts for tubular fluorescent lamps supplied up to 600 V (50 Hz or 60 Hz).

prEVS 53108

Tähtaeg: 2002-08-01

Identne IEC 61347-2-1:2000

ja identne EN 61347-2-1:2001

**Lamp controlgear - Part 2-1:
Particular requirements for
starting devices (other than
glow starters)**

This part of IEC 61347 specifies particular safety requirements for starting devices (starters other than glow starters and ignitors) for fluorescent and other discharge lamps for use on a.c. supplies up to 1 000 V at 50 Hz or 60 Hz which produce starting

prEVS 53110

Tähtaeg: 2002-08-01

Identne IEC 61347-2-11:2001

ja identne EN 61347-2-11:2001

**Lamp controlgear - Part 2-11:
Particular requirements for
miscellaneous electronic
circuits used with luminaires**

This first edition of IEC 61347-2-11, published in conjunction with IEC 61347-1, represents an editorial review of IEC 60920. The formatting into separately published parts provides for ease of future amendments and revisions. Additional requirements will be added as and when a need for them is recognized. This part of IEC 61347 specifies general and safety requirements for miscellaneous electronic circuits used with luminaires for use on a.c. supplies up to 1 000 V at 50 Hz or 60 Hz and/or d.c. supplies up to 250 V. This part does not apply to circuits or devices for which specific IEC standards are published. This first edition of IEC 61347-2-11, together with IEC 61347-1, cancels and replaces the first edition of IEC 60920, published in 1990, and constitutes a minor revision. This standard shall be used in conjunction with IEC 61347-1.

prEVS 53111

Tähtaeg: 2002-08-01

Identne IEC 61347-2-9:2000

ja identne EN 61347-2-9:2001

**Lamp controlgear - Part 2-9:
Particular requirements for
ballasts for discharge lamps
(excluding fluorescent lamps)**

This part of IEC 61347 specifies particular safety requirements for ballasts for discharge lamps such as high-pressure mercury vapour, low-pressure sodium vapour, high-pressure sodium vapour and metal halide lamps. The standard covers inductive-type ballasts for use on a.c. supplies up to 1 000 V at 50 Hz or 60 Hz, associated with discharge lamps, having rated wattages, dimensions and characteristics as specified in IEC 60188, IEC 60192 and IEC 60662. This first edition of IEC 61347-2-9, together with IEC 61347-1, cancels and replaces the second edition of IEC 60922, published in 1997, and constitutes a minor revision. This standard shall be used in conjunction with IEC 61347-1. It was established on the basis of the first edition (2000) of that standard.

29.160**Pöörlevad masinad****Rotating machinery****KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 53097

Tähtaeg: 2002-08-01

Identne IEC 60034-7:1993

ja identne EN 60034-

7:1993/A1:2001

Amendment 1 Rotating electrical machines - Part 7: Classification of types of construction, mounting arrangements and terminal box position (IM Code)

Gives two systems of classification: an alpha-numeric designation applicable to machines with endshield bearings and only one shaft extension (code I) and an all-numeric designation applicable to a wide range of types of machines (code II) including types covered by code I.

29.160.01**Pöörlevad masinad üldiselt****Rotating machinery in general****KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 33986

Tähtaeg: 2002-08-01

Identne IEC 60034-18-22:2000

ja identne EN 60034-18-22:2001

Rotating electrical machines - Part 18-22: Functional evaluation of insulation systems - Test procedures for wire-wound windings - Classification of changes and insulation component substitutions

This section of IEC 34-18 gives test procedures for the thermal evaluation and classification of changes and insulation component substitutions in insulation systems used or proposed for use in a proven insulation system used in wire-wound windings. The test procedures are comparative in that the performance of a candidate system is compared to that of a reference system which has previously been proved by experience or has been evaluated by one of the procedures given in IEC 34-18-21 and to which the change or substitution is intended.

29.180**Trafod. Reaktorid****Transformers. Reactors****KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 33592

Tähtaeg: 2002-08-01

Identne IEC 61558-2-15:1999

ja identne EN 61558-2-15:2001

Safety of power transformers, power supply units and similar - Part 2-15: Particular requirements for isolating transformers for the supply of medical locations

This part 2-15 of IEC 61558 applies to stationary, single-phase or polyphase, air-cooled (natural or forced) isolating transformers for the supply of group II medical locations, designed to be permanently connected to the fixed wiring of IT supply system. This standard also applies to transformers incorporating electronic circuits. This standard does not apply to external circuits and their components intended to be connected to the input and output terminals or socket-outlets of the transformer. It has the status of a group safety publication in accordance with IEC Guide 104. This part 2 is intended to be used in conjunction with IEC 61558-1.

prEVS 34267

Tähtaeg: 2002-08-01

Identne IEC 61558-2-13:1999

ja identne EN 61558-2-13:2000

Safety of power transformers, power supply units and similar devices - Part 2-13: Particular requirements for auto-transformers for general use

Deals with all aspects of safety such as electrical, thermal and mechanical. This part 2-13 of IEC 61558 applies to stationary or portable, single-phase or polyphase, air-cooled (natural or forced), independent or associated auto-transformers, having a rated supply voltage not exceeding 1000 V a.c., a rated frequency not exceeding 500 Hz. This part 2-13 is intended to be used in conjunction with IEC 61558-1. This standard replaces Chapter III of IEC 60989. It has the status of a group safety publication in accordance with IEC Guide 104.

prEVS 34268

Tähtaeg: 2002-08-01

Identne IEC 61558-2-23:2000

ja identne EN 61558-2-23:2000 Safety of power transformers, power supply units and similar devices - Part 2-23: Particular requirements for transformers for construction sites

Applies to stationary or portable single-phase or poly-phase air-cooled (natural or forced) independent or associated, isolating or safety isolating transformers intended for use on construction sites, having a rated supply voltage not exceeding 1 000 V a.c., and a rated frequency not exceeding 500 Hz. This part 2-23 is intended to be used in conjunction with IEC 61558-1. It has the status of a group safety publication in accordance with IEC Guide 104.

prEVS 37520

Tähtaeg: 2002-08-01

Identne IEC 61558-2-20:2000

ja identne EN 61558-2-20:2000

Safety of power transformers, power supply units and similar devices - Part 2-20: Particular requirements for small reactors

This part of IEC 61558 applies to stationary or portable, single-phase or poly-phase, air-cooled (natural or forced) general purpose small reactors, including alternating current, premagnetised and current compensated reactors, independent or associated, having a rated supply voltage not exceeding 1000 V a.c. or d.c. and rated frequency not exceeding 1 MHz, the rated power not exceeding - 2 kVAR a.c. (2 kW d.c.) for single-phase reactors; - 10 kVAR a.c. (10 kW d.c.) for poly-phase reactors. This part 2-20 is intended to be used in conjunction with IEC 61558-1. It has the status of a group safety publication in accordance with IEC Guide 104.

prEVS 38661

Tähtaeg: 2002-08-01

Identne IEC 61558-2-19:2000

ja identne EN 61558-2-19:2001

Safety of power transformers, power supply units and similar devices Part 2-19: Particular requirements for perturbation attenuation transformers

This International Standard deals with all aspects of safety such as electrical, thermal and mechanical. This part 2-19 of IEC 61558 applies to stationary or portable, single-phase or poly-phase, air-cooled (natural or forced), independent or associated

prEVS 38991

Tähtaeg: 2002-08-01

Identne IEC 61558-2-12:2000

ja identne EN 61558-2-12:2001

Safety of power transformers, power supply units and similar devices Part 2-12: Particular requirements for constant voltage transformers

This part 2 of IEC 61558 is intended to be used in conjunction with IEC 61558-1. This international standard deals with all aspects of safety such as electrical, thermal and mechanical. This part of IEC 61558 applies to stationary or portable, single-phase or polyphase, air-cooled (natural or forced), associated or independent: - constant voltage auto-transformers; - constant voltage separating transformers; - constant voltage isolating transformers; - constant voltage safety isolating transformers; having a rated supply voltage not exceeding 1 000 V a.c., a rated frequency not exceeding 500 Hz, an internal operational frequency not exceeding 30 kHz and no limitation of the rated output. It has the status of a group safety publication in accordance with IEC Guide 104

29.200**Alaldid. Muundurid. Stabiliseeritud toiteallikad**

Rectifiers. Converters.
Stabilized power supply

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 32891

Tähtaeg: 2002-08-01

Identne IEC 61204-3:2000

ja identne EN 61204-3:2000

Low-voltage power supplies, d.c. output - Part 3:**Electromagnetic compatibility (EMC)****29.240.01****Elektrijaotusvõrgud üldiselt**

Power transmission and
distribution networks in
general

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 39919

Tähtaeg: 2002-08-01

Identne IEC 61557-10:2000

ja identne EN 61557-10:2001

Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. -**Equipment for testing, measuring or monitoring of protective measures Part 10: Combined measuring equipment for testing, measuring or monitoring of protective measures**

Specifies the requirements for combined measuring equipment which combines into one piece of apparatus, several measuring functions or methods of testing, measuring or monitoring, some or all of which are covered in parts 2 to 7 of IEC 61557.

29.240.20**Elektrijaotusliinid**

Power transmission and
distribution lines

UUED STANDARDID**EVS-EN 12479:2002**

Hind 75,00

Identne EN 12479:2001

Wood poles for overhead lines - Sizes - Methods of measurement and permissible deviations

This standard specifies methods of measuring the sizes of solid wood poles for overhead transmission and telecommunications lines and tolerances that are taken into account for the acceptance of the poles. It is applicable to both hardwood and softwood poles.

EVS-EN 12510:2002

Hind 109,00

Identne EN 12510:2001

Wood poles for overhead lines - Strength grading criteria

This standard specifies the requirements for the handling and storage and the characteristics for inclusion in regional/national/local/buyer standards of visual strength grading of softwood and hardwood poles. It also specifies the marking requirements.

EVS-EN 12511:2002

Hind 83,00

Identne EN 12511:2001

Timber poles for overhead lines - Determination of characteristic values

This standard specifies the methods for determining characteristic values for bending strength and modulus of elasticity, of any population of wood poles. It is not intended for routine quality control.

31.060.30**Paber- ja polümeerikondensaatorid**

Paper and plastics capacitors

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 53099

Tähtaeg: 2002-08-01

Identne IEC 60252-1:2001

ja identne EN 60252-1:2001

AC motor capacitors Part 1:**General - Performance, testing and rating - Safety requirements - Guide for installation and operation**

Applies to motor capacitors intended for connection to windings of asynchronous motors supplied from a single-phase system having a frequency up to and including 100 Hz, and to capacitors to be connected to three-phase asynchronous motors so that these motors may be supplied from a single-phase system. This standard covers impregnated or unimpregnated capacitors having a dielectric of paper, plastic film, or a combination of both, either metallized or with metal-foil electrodes, with rated voltages up to and including 660 V.

31.060.70**Jõukondensaatorid**

Power capacitors

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 53099

Tähtaeg: 2002-08-01

Identne IEC 60252-1:2001

ja identne EN 60252-1:2001

AC motor capacitors Part 1:**General - Performance, testing and rating - Safety requirements - Guide for installation and operation**

Applies to motor capacitors intended for connection to windings of asynchronous motors supplied from a single-phase system having a frequency up to and including 100 Hz, and to capacitors to be connected to three-phase asynchronous motors so that these motors may be supplied from a single-phase system. This standard covers impregnated or unimpregnated capacitors having a dielectric of paper, plastic film, or a combination of both, either metallized or with metal-foil electrodes, with rated voltages up to and including 660 V.

31.220.10

Pistikseadised. Liitmikud

Plug-and-socket devices.

Connectors

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53116

Tähtaeg: 2002-08-01

Identne IEC 61984:2001

ja identne EN 61984:2001

Connectors - Safety

requirements and tests

Applies to connectors with rated voltages above 50 V and up to 1 000 V and rated currents up to 125 A per contact, for which either no detail specification (DS) exists or the DS calls up this standard for safety aspects. For connectors with rated voltages up to 50 V, this standard may be used as a guide.

33.060.40

Kaabeljaotussüsteemid

Cabled distribution systems

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 30234

Tähtaeg: 2002-08-01

Identne EN 50083-2:2001

Cable networks for television signals, sound signals and interactive services Part 2: Electromagnetic compatibility for equipment

Standards of EN 50083 series deal with cable networks for television signals, sound signals and interactive services including equipment, systems and installations - for headend-reception, processing and

distribution of television and sound signals and their associated data signals and - for processing, interfacing and transmitting all kinds of signals for interactive services using all applicable transmission media.

33.100

Elektromagnetiline

ühilduvus

Electromagnetic compatibility (EMC)

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 28682

Tähtaeg: 2002-08-01

Identne IEC 1000-6-1:1997

ja identne EN 61000-6-1:2001

Electromagnetic compatibility (EMC) - Part 6: Generic standards - Section 1: Immunity for residential, commercial and light-industrial environments

Defines the immunity test requirements in relation to continuous and transient, conducted and radiated disturbances, including electrostatic discharges, for electrical and electronic apparatus intended for use in residential, commercial and light-industrial environment, and for which no dedicated product or product-family standard exists. Immunity requirements in the frequency range 0 kHz to 400 GHz are covered and are specified for each port considered. This standard applies to apparatus intended to be directly connected to a low-voltage public mains network or connected to a dedicated d.c. source which is intended to interface between the apparatus and the low-voltage public mains network.

prEVS 53091

Tähtaeg: 2002-08-01

Identne IEC 61326:1997

ja identne EN

61326:1997/A2:2001

Electrical equipment for measurement, control and laboratory use - EMC requirements

Instruments and equipment within the scope of this standard are involved within industrial process (this covers all equipment within the scope of this standard that may be used in close proximity to the industrial process).

33.100.01

Elektromagnetiline ühilduvus üldiselt

Electromagnetic compatibility in general

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 30234

Tähtaeg: 2002-08-01

Identne EN 50083-2:2001

Cable networks for television signals, sound signals and interactive services Part 2: Electromagnetic compatibility for equipment

Standards of EN 50083 series deal with cable networks for television signals, sound signals and interactive services including equipment, systems and installations - for headend-reception, processing and distribution of television and sound signals and their associated data signals and - for processing, interfacing and transmitting all kinds of signals for interactive services using all applicable transmission media.

prEVS 32891

Tähtaeg: 2002-08-01

Identne IEC 61204-3:2000

ja identne EN 61204-3:2000

Low-voltage power supplies, d.c. output - Part 3: Electromagnetic compatibility (EMC)

prEVS 35167

Tähtaeg: 2002-08-01

Identne EN 50293:2000

Electromagnetic compatibility - Road traffic signal systems - Product standard

This product standard for EMC requirements applies to road traffic signal systems. The range of products included within the scope of this standard are road traffic signal systems and devices including for example signal heads, signalling devices and traffic signs, controller and housing, supports, interconnections, links, traffic detectors, monitoring equipment, electrical supply.

prEVS 53090

Tähtaeg: 2002-08-01

Identne IEC 61000-3-3:1994

ja identne EN 61000-3-

3:1995/A1:2001

Electromagnetic compatibility (EMC) Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current . 16 A per phase and not subject to conditional connection

This section of IEC 1000-3 is concerned with the limitation of voltage fluctuations and flicker impressed on the public low-voltage system. It specifies limits of voltage changes which may be produced by an equipment tested under specified conditions and gives guidance on methods of assessment. This section is applicable to electrical and electronic equipment having an input current up to and including 16 A per phase and intended to be connected to public low-voltage distribution systems of between 220 V and 250 V at 50 Hz line to neutral.

prEVS 53096

Tähtaeg: 2002-08-01

Identne EN 50364:2001

Limitation of human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 10 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications

This product standard applies to devices operating within the frequency range 0 Hz to 10 GHz, used in electronic article surveillance (EAS), radio frequency identification (RFID) and similar applications. This product standard may be used for demonstration of compliance to the requirements of Council Directive 1999/5/EC, with regard to the limitation of human exposure to electromagnetic fields (EMFs). There are additional requirements covered by the Directive, which are not included in this product standard.

33.100.20

Immuunsus

Immunity

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53086

Tähtaeg: 2002-08-01

Identne CISPR 55014-2:1997

ja identne EN 55014-2:1997/A1:2001

Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus Part 2: Immunity - Product family standard

This standard deals with the electromagnetic immunity of appliances and similar apparatus for household and similar purposes that use electricity as well as electric toys and electric tools, the rated voltage of the apparatus being not more than 250 V for single-phase apparatus to be connected to phase and neutral, and 480 V for other apparatus.

35.040

Märgistikud ja informatsiooni kodeerimine

Character sets and information coding

UUED STANDARDID

EVS-EN ISO/IEC 15416:2002

Hind 170,00

Identne ISO/IEC 15416:2000

ja identne EN ISO/IEC 15416:2001

Information technology - Automatic identification and data capture techniques - Bar code print quality test specification - Linear symbols

This standard specifies the methodology for the measurement of specific attributes of bar code symbols; defines a method for evaluating these measurements and deriving an overall assessment of symbol quality; gives information on possible causes of deviation from optimum grades to assist users in taking appropriate corrective action.

EVS-EN ISO/IEC 15421:2002

Hind 83,00

Identne ISO/IEC 15421:2000

ja identne EN ISO/IEC 15421:2001

Information technology - Automatic identification and data capture techniques - Bar code master test specifications

EVS Teataja 7/2002

This standard defines the physical and related attributes of a bar code master and the quality criteria by which its conformity with this standard is to be assessed, and contains guidelines to assist in its use.

35.180

Lõppseadmed jm välisseadmed

IT terminal and other peripheral equipment

UUED STANDARDID

EVS-EN ISO 13406-2:2002

Hind 316,00

Identne ISO 13406-2:2001

ja identne EN ISO 13406-2:2001

Ergonomic requirements for visual display units based on flat panels - Part 2: Requirements for flat panel displays

Requirements for flat panel displays

This standard establishes ergonomic image quality requirements for the design and evaluation of flat panel displays.

43.040.10

Elektriseadmed

Electrical and electronic equipment

UUED STANDARDID

EVS-EN ISO 8092-2:2002

Hind 163,00

Identne ISO 8092-2:2000

ja identne EN ISO 8092-2:2001

Maanteesõidukid. Sõidukis olevate juhtmekimpude pistikühendused. Osa 2: Määratlused, testimismeetodid ja põhiliste tööparameetrite nõuded

Käesolev ISO 8092 osa määrab kindlaks nõuded maanteesõidukites olevate elektrijuhtmete kimpude ühe- ja mitmepooluseliste pistikühenduste ning nende testimise meetodite ja põhiliste tööparameetrite kohta.

43.080.10

Veoad autod ja haagised

Trucks and trailers

UUED STANDARDID

EVS-EN 12642:2002

Hind 75,00

Identne EN 12642:2001

Securing of cargo on road vehicles - Body structure of commercial vehicles - Minimum requirements

This standard specifies minimum requirements and test methods for the body structure (e.g. side walls, end walls) and provides suitable test methods, to make sure, that the body structure of the vehicle is able to take over the securing of cargo, if the cargo is not secured by using lashing materials.

43.100

Sõidua autod. Haagisela mud ja järelkäru d (kergehaagised)

Passenger cars. Caravans and light trailers

UUED STANDARDID

EVS-EN 1645-1:2001/A1:2002

Hind 83,00

Identne EN 1645-1:1998/A1:2001

Leisure accommodation vehicles - Caravans - Part 1: Habitation requirements relating to health and safety - AMENDMENT

This European Standard specifies requirements intended to ensure the safety and health of persons when they use caravans for temporary or seasonal habitation.

EVS-EN 1646-1:2001/A1:2002

Hind 83,00

Identne EN 1646-1:1998/A1:2001

Leisure accommodation vehicles - Motor Caravans - Part 1: Habitation requirements relating to health and safety - AMENDMENT

This European Standard specifies requirements intended to ensure the safety and health of people when they use motor caravans for temporary or seasonal habitation.

EVS-EN 1647:2001/A2:2002

Hind 83,00

Identne EN 1647:1998/A2:2001

Leisure accommodation vehicles - Caravan holiday homes - Habitation requirements relating to health and safety - AMENDMENT

This European Standard specifies requirements intended to ensure safety and health of people using mobile homes (Caravan Holiday Homes) as temporary or seasonal accommodation.

43.120

Elektrisõidukid ja nende osad

Electric road vehicles

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53113

Tähtaeg: 2002-08-01

Identne IEC 61851-1:2001

ja identne EN 61851-1:2001

Electric vehicle conductive charging system Part 1: General requirements

Applies to equipment for charging electric road vehicles at standard a.c. supply voltages (as per IEC 60038) up to 690 V and at d.c. voltages up to 1 000 V, and for providing electrical power for any additional services on the vehicle if required when connected to the supply network.

prEVS 53114

Tähtaeg: 2002-08-01

Identne IEC 61851-21:2001

ja identne EN 61851-21:2002

Electric vehicle conductive charging system Part 21: Electric vehicle requirements for conductive connection to an a.c./d.c. supply

This part of IEC 61851 together with part 1 gives the electric vehicle requirements for conductive connection to an a.c. or d.c. supply, for a.c. voltages according to IEC 60038 up to 690 V and for d.c. voltages up to 1 000 V, when the electric vehicle is connected to the supply network.

prEVS 53115

Tähtaeg: 2002-08-01

Identne IEC 61851-22:2001

ja identne EN 61851-22:2002

Electric vehicle conductive charging system Part 22: AC electric vehicle charging station

This part of IEC 61851, together with part 1, gives the requirements for a.c. electric vehicle charging stations for conductive connection to an electric vehicle, with a.c. supply voltages according to IEC 60038 up to 690 V.

47.020.70

Navigatsiooni- ja juhtimisseadmed

Navigation and control equipment

UUED STANDARDID

EVS-EN ISO 9875:2002

Hind 130,00

Identne ISO 9875:2000

ja identne EN ISO 9875:2001

Laevaehitus. Laeva kajalood

This standard specifies the minimum operational and performance requirements, methods of testing and test results of marine echo-sounding equipment required to comply with the performance standards adopted by the IMO Resolution A.224(VII). In addition, it takes account of IMO Resolution A.694(17) and is associated with IEC 60945. When a requirement in this International Standard is different from IEC 60945, the requirement in this International Standard takes precedence. This standard is applicable for ship speeds from 0 kn to 30 kn.

49.025.01

Lennunduse ja kosmosetehnika materjalid üldiselt

Materials for aerospace construction in general

UUED STANDARDID

EVS-EN 14089:2002

Hind 75,00

Identne EN 14089:2002

Space product assurance - The control of limited shelf-life materials

Several classes of material depend on a chemical reaction for their application and their final properties are sensitive to the exact composition of the reactants. The final properties vary with the reactants age and storage condition. This European Standard specifies the procedure to be used for the control of limited shelflife materials employed in the fabrication of spacecraft and associated equipment.

49.025.05**Rauasulamid****Ferrous alloys in general****UUED STANDARDID****EVS-EN 2032-1:2002**

Hind 126,00

Identne EN 2032-1:2001

Aerospace series - Metallic materials - Part 1: Conventional designation

This standard specifies the rules for establishing the conventional designation of unalloyed, commercially pure and alloyed metallic materials used for aerospace applications.

49.025.10**Terased****Steels****UUED STANDARDID****EVS-EN 3145:2002**

Hind 66,00

Identne EN 3145:2001

Aerospace series - Round bars rolled in steel - Normal tolerances; Diameter 6 mm \leq D \leq 250 mm; Dimensions

This standard specifies the dimensions and tolerances of: Round bars, hot rolled in steel Normal tolerances Diameter 6 mm \leq D \leq 250 mm for aerospace applications.

49.025.15**Mitterauasulamid****Non-ferrous alloys in general****UUED STANDARDID****EVS-EN 2032-1:2002**

Hind 126,00

Identne EN 2032-1:2001

Aerospace series - Metallic materials - Part 1: Conventional designation

This standard specifies the rules for establishing the conventional designation of unalloyed, commercially pure and alloyed metallic materials used for aerospace applications.

49.025.20**Alumiinium****Aluminium****UUED STANDARDID****EVS-EN 2044:2002**

Hind 66,00

Identne EN 2044:2001

Aerospace series - Round bars, drawn, in aluminium and aluminium alloys - Tolerance class h 11 - Diameter 4 mm \leq D \leq 63 mm - Dimensions

This standard specifies the dimensions and tolerances of: Round bars, drawn, in aluminium and aluminium alloys Tolerance class h 11 Diameter 4 mm \leq D \leq 63 mm for aerospace applications.

EVS-EN 2045:2002

Hind 66,00

Identne EN 2045:2001

Aerospace series - Square bars, drawn in aluminium and aluminium alloys - Tolerance class h 11 - Thickness 6 mm \leq a \leq 50 mm - Dimensions

This standard specifies the dimensions and tolerances of: Square bars, drawn in aluminium and aluminium alloys Tolerance class h 11 Thickness 6 mm \leq a \leq 50 mm for aerospace applications.

EVS-EN 2046:2002

Hind 66,00

Identne EN 2046:2001

Aerospace series - Hexagonal bars, drawn in aluminium and aluminium alloys - Tolerance class h 11 - Width across flats 7 mm \leq a \leq 50 mm - Dimensions

This standard specifies the dimensions and tolerances of: Hexagonal bars, drawn in aluminium and aluminium alloys Tolerance class h 11 Width across flats 7 mm \leq a \leq 50 mm for aerospace applications.

EVS-EN 2066:2002

Hind 75,00

Identne EN 2066:2001

Aerospace series - Extruded section in aluminium alloys - General tolerances

This standard specifies the general tolerances of: Extruded section in aluminium alloys for aerospace applications.

EVS-EN 2071:2002

Hind 75,00

Identne EN 2071:2001

Aerospace series - Sheets in aluminium and aluminium alloys - Thickness 0,25 mm \leq a \leq 6 mm - Dimensions

This standard specifies the dimensions and tolerances of: Sheets in aluminium and aluminium alloys Thickness 0,25 mm \leq a \leq 6 mm for aerospace applications.

EVS-EN 2131:2002

Hind 66,00

Identne EN 2131:2000

Aerospace series - Plates in aluminium alloys - Thickness 6 mm \leq a \leq 160 mm - Dimensions

This standard specifies the dimensions and tolerances of: Plates in aluminium alloys Thickness 6 mm \leq a \leq 160 mm for aerospace applications.

EVS-EN 2134:2002

Hind 66,00

Identne EN 2134:2001

Aerospace series - Round bars, extruded in aluminium and aluminium alloys - Diameter 10 mm \leq diameter \leq 220 mm - Dimensions

This standard specifies the dimension and tolerances of: round bars, extruded in aluminium and aluminium alloys Diameter 10 mm \leq D \leq 220 mm for aerospace applications.

49.025.40**Kumm ja plast****Rubber and plastics****UUED STANDARDID****EVS-EN 2743:2002**

Hind 66,00

Identne EN 2743:2001

Aerospace series - Fibre reinforced plastics - Standard procedures for conditioning prior to testing unaged materials

This standard specifies the standard procedures for conditioning prior to testing unaged fibre reinforced plastic materials including reinforcing fibres and cured resin systems for aerospace applications.

49.025.50

Liimid

Adhesives

UUED STANDARDID

EVS-EN 2667-6:2002

Hind 66,00

Identne EN 2667-6:2001

Aerospace series - Non-metallic materials - Foaming structural adhesives; Test methods - Part 6: Determination of water absorption

This standard specifies the test methods for determining the water absorption of foaming structural adhesives when exposed to high humidity or immersed in water.

49.040

Pinnakatted ja nendega seotud protsessid lennukitööstuses

Coatings and related processes used in aerospace industry

UUED STANDARDID

EVS-EN 2437:2002

Hind 83,00

Identne EN 2437:2001

Aerospace series - Chromate conversion coatings (yellow) for aluminium and aluminium alloys

This standard specifies yellow chromate conversion coating of aluminium and aluminium alloys.

49.060

Õhu- ja kosmosesõidukite elektriseadmed ja -süsteemid

Aerospace electric equipment and systems

UUED STANDARDID

EVS-EN 2591-508:2002

Hind 57,00

Identne EN 2591-508:2001

Aerospace series - Elements of electrical and optical connection - Test methods - Part 508: Measurement of thickness of coating on contacts

This standard specifies methods of measuring thickness of electrodeposited gold or gold alloys coatings on contacts of elements of connection.

EVS-EN 2591-509:2002

Hind 57,00

Identne EN 2591-509:2001

Aerospace series - Elements of electrical and optical connection - Test methods - Part 509: Adhesion of coating on contacts

This standard specifies methods of verifying adhesion of electrodeposited gold and gold alloy coatings on contacts. It shall be used together with EN 2591.

EVS-EN 2591-6317:2002

Hind 57,00

Identne EN 2591-6317:2001

Aerospace series - Elements of electrical and optical connection - Test methods - Part 6317: Optical elements - Flammability

This standard specifies a method of verifying the suitability of materials used in connection elements and fibre optic couplers with respect to non-propagation of a flame, when exposed to a flame for a short period.

EVS-EN 2591-6318:2002

Hind 57,00

Identne EN 2591-6318:2000

Aerospace series - Elements of electrical and optical connection - Test methods - Part 6318: Optical elements - Fire resistance

This standard specifies a method of determining the ability of optical connection elements and fibre optic couplers to resist flame.

EVS-EN 2591-6324:2002

Hind 57,00

Identne EN 2591-6324:2001

Aerospace series - Elements of electrical and optical connection - Test methods - Part 6324: Optical elements - Interfacial sealing

This standard specifies a method of checking the interfacial sealing of optical connection elements.

EVS-EN 2591-6401:2002

Hind 57,00

Identne EN 2591-6401:2001

Aerospace series - Elements of electrical and optical connection - Test methods - Part 6401: Optical elements - Acceleration steady state

This standard specifies a method of determining the ability of optical connection elements and fibre optic couplers to withstand continuous acceleration.

EVS-EN 2591-6402:2002

Hind 57,00

Identne EN 2591-6402:2001

Aerospace series - Elements of electrical and optical connection - Test methods - Part 6402: Optical elements - Shock

This standard specifies a method of assessing the ability of optical connection elements and fibre optic couplers to withstand specified severities of mechanical shock.

EVS-EN 2591-6403:2002

Hind 57,00

Identne EN 2591-6403:2001

Aerospace series - Elements of electrical and optical connection - Test methods - Part 6403: Optical elements - Vibrations

This standard specifies a method of determining the ability of optical connection elements and fibre optic couplers to withstand specified severities of sinusoidal, random or simulated gunfire vibrations.

EVS-EN 2591-6404:2002

Hind 57,00

Identne EN 2591-6404:2001

Aerospace series - Elements of electrical and optical connection - Test methods - Part 6404: Optical elements - Transverse load

This standard specifies a method of assessing the ability of a mated pair of optical connection elements and fibre optic couplers to withstand transverse loads without mechanical or optical damage.

EVS-EN 2591-6405:2002

Hind 57,00

Identne EN 2591-6405:2001

Aerospace series - Elements of electrical and optical connection - Test methods - Part 6405: Optical elements - Axial load

This standard specifies a method of assessing the ability of a mated pair of optical connection elements and fibre optic couplers to withstand axial loads without mechanical or optical damage.

EVS-EN 2591-6406:2002

Hind 57,00

Identne EN 2591-6406:2001

Aerospace series - Elements of electrical and optical connection - Test methods - Part 6406: Optical elements - Mechanical endurance

This standard specifies a method of evaluating the operational mechanical endurance of optical connection elements with optical contracts.

EVS-EN 2591-6414:2002

Hind 57,00

Identne EN 2591-6414:2001

Aerospace series - Elements of electrical and optical connection - Test methods - Part 6414: Optical elements - Unmating of lanyard release optical connection elements

This standard specifies a method of assessing the looking of the lanyard release mechanism of optical connection elements.

EVS-EN 2591-6415:2002

Hind 57,00

Identne EN 2591-6415:2001

Aerospace series - Elements of electrical and optical connection; Test methods - Part 6415 - Optical elements - Test probe damage

This standard specifies a method of checking that the alignment system used for optical connection elements is not damaged by the insertion of a specified probe.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53159

Tähtaeg: 2002-09-01

Identne EN 3745-205:2002

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 205: Cable longitudinal dimensional stability

This standard specifies a method to determine the longitudinal dimensional stability of the outer sheath/jacket (if present) and secondary coating or buffer of a fibre optic cable or fibre. It shall be used together with EN 3745-100.

49.080

Õhu- ja kosmosesõidukite hüdroüsteemid ja nende koostisosad

Aerospace fluid systems and components

UUED STANDARDID

EVS-EN 4180:2002

Hind 66,00

Identne EN 4180:2001

Aerospace series - Circular tubes for fluids in titanium and titanium alloys - Wide tolerances - Diameter 4 mm <= D <= 40 mm - Dimensions

This standard specifies the dimensions and tolerances of: Circular tubes, for fluids in titanium and titanium alloys wide tolerances Diameter 4 mm <= D <= 40 mm.

49.140

Kosmosesüsteemid ja nende kasutamine

Space systems and operations

UUED STANDARDID

EVS-EN 14089:2002

Hind 75,00

Identne EN 14089:2002

Space product assurance - The control of limited shelf-life materials

Several classes of material depend on a chemical reaction for their application and their final properties are sensitive to the exact composition of the reactants. The final properties vary with the reactants age and storage condition. This European Standard specifies the procedure to be used for the control of limited shelflife materials employed in the fabrication of spacecraft and associated equipment.

EVS-EN 14160:2002

Hind 229,00

Identne EN 14160:2001

Space engineering - Software

This European Standard defines the space software engineering process and its interfaces with the space project management standards (EN 13290) and space product assurance standards (EN 13291) and explains how they apply in the software engineering process.

53.040.20

Konveieriosad

Components for conveyors

UUED STANDARDID

EVS-EN 12882:2002

Hind 101,00

Identne EN 12882:2001

Conveyor belts for general purpose use - Electrical and flammability safety requirements

This standard specifies electrical and flammability safety requirements for general purpose conveyor belts not intended for use in underground installations and a means of categorizing conveyor belts in terms of the level of safety sought in their end use application.

55.180.10

Üldotstarbelised konteinerid

General purpose containers

UUED STANDARDID

EVS-EN 12079:2002

Hind 179,00

Identne EN 12079:1999

Offshore containers - Design, construction, testing, inspection and marking

This standard specifies transport related requirements for the design, construction and marking of offshore freight and service containers with maximum gross mass not exceeding 2500 kg, intended for repeated use to, from and between offshore installations and ships.

EVS-EN 12674-2:2002

Hind 109,00

Identne EN 12674-2:2001

Roll containers - Part 2: General design and safety principles

This European standard specifies general design and safety principles for the four main styles of roll container - Demountable, Folding, Nesting and Rigid and the seven derived forms as defined in EN 12674-1.

59.020

Tekstilitööstuse protsessid

Processes of the textile industry

UUED STANDARDID

EVS-EN ISO 4921:2002

Hind 170,00

Identne ISO 4921:2000

ja identne EN ISO 4921:2001

Knitting - Basic concepts - Vocabulary

EVS Teataja 7/2002

This standard defines terms for basic knitting concepts. The definitions of this vocabulary are complete in themselves; illustrations are used to clarify the content of a definition, but no standardization of any notational system is attempted.

59.080.60

Tekstiilpõrandakatted

Textile floor coverings

UUED STANDARDID

EVS-EN 984:2002

Hind 66,00

Identne EN 984:2001

Textile floor coverings -

Determination of the mass per unit area of the use surface of needled floor coverings

This European Standard specifies a method for the determination of the mass per unit area of the use surface of non-homogeneous flat needled floor coverings in which the use surface can be distinguished visually from the substrate.

61.060

Jalatsid

Footwear

UUED STANDARDID

EVS-EN 13515:2002

Hind 92,00

Identne EN 13515:2001

Footwear - Test methods for uppers and lining - Water vapour permeability and absorption

This standard specifies two test methods for assessing, respectively, the water vapour permeability and the water vapour absorption of uppers or complete upper assembly irrespective of the material, in order to assess the suitability for the end use.

EVS-EN 13516:2002

Hind 109,00

Identne EN 13516:2001

Footwear - Test methods for uppers, lining and insoles - Colour fastness to rubbing

This standard specifies two test methods (method A and B) for assessing the degree of damage (marring) and transfer of a material's surface colour during mild dry or wet abrasion. The methods are applicable to all footwear upper, lining and insock irrespective of the material, in order to assess the suitability for the end use. This standard also specifies a method (method C) for determining the likelihood of colour bleeding from materials and components such as sewing threads and shoe laces due to the action of water and artificial perspiration solutions, in order to assess the suitability for the end use.

EVS-EN 13518:2002

Hind 83,00

Identne EN 13518:2001

Footwear - Test methods for uppers - Water resistance

This standard specifies a test method for determining the resistance of a footwear upper material to water penetration on flexing, in order to assess the suitability for the end use.

EVS-EN 13520:2002

Hind 83,00

Identne EN 13520:2001

Footwear - Test methods for uppers, lining and insoles - Abrasion resistance

This standard specifies a test method for determining the resistance of uppers, linings and insoles irrespective of the material, to wet and dry abrasion, in order to assess the suitability for the end use.

EVS-EN 13522:2002

Hind 75,00

Identne EN 13522:2001

Footwear - Test methods for uppers - Tensile strength and elongation

This standard specifies a test method for determining the force required to break a test specimen from uppers irrespective of the material, in order to assess the suitability for the end use.

EVS-EN 12801:2000/A1:2002

Hind 57,00

Identne EN 12801:2000/A1:2001

Footwear - Test methods for insoles, lining and insoles - Perspiration resistance - AMENDMENT

This draft standard specifies a method for the determination of the ageing of insoles, lining or insocks, caused by human sweat.

65.040.30

Kasvuhooned jms

Greenhouses and other installations

UUED STANDARDID

EVS-EN 13031-1:2002

Hind 272,00

Identne EN 13031-1:2001

Greenhouses: Design and construction - Part 1: Commercial production greenhouses

This European Standard specifies principles and requirements for the mechanical resistance and stability, serviceability and durability for design and construction of greenhouse structures, including the foundations, for commercial production of plants and crops. Fire-resistance aspects are not covered in this standard.

65.060.50

Koristusseadmed

Harvesting equipment

UUED STANDARDID

EVS-EN 13448:2002

Hind 109,00

Identne EN 13448:2001

Agricultural and forestry machinery - Inter-row mowing units - Safety

This standard specifies the safety requirements and test methods for the design and construction of inter-row mowing units with vertical spindles mounted on grass cutting machines such as the flail mowers, used in agriculture, forestry and landscaping to cut the grass in the area between two successive obstructions. It describes methods for elimination or reduction of risks arising from their use. In addition, it specifies the type of information on safe working practices to be provided by the manufacturer. Environmental aspects have not been considered in this standard.

65.080**Väetised**

Fertilizers

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 34088

Tähtaeg: 2002-09-01

Identne EN 12945:2002

Liming materials -**Determination of neutralizing value - Titrimetric methods**

This European Standard specifies two methods for the determination of the neutralizing value (NV) of liming materials. Method A is applicable to liming materials except silicate liming materials and liming materials with more than 3 % P₂O₅. Method B is applicable to all liming materials except those with more than 3 % P₂O₅.

65.150**Kalandus ja kalakasvatus**

Fishing and fish breeding

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 31424

Tähtaeg: 2002-08-01

Identne IEC 60335-2-86:1998

ja identne EN 60335-2-86:2000

Safety of household and similar electrical appliances - Part 2-86: Particular requirements for electric fishing machines

Deals with the safety of electric fishing machines, which electrify water for catching fish or to provide barriers for animals living in water. Examples include machines operated from the mains, from portable or stationary generators, and battery-operated. The rated voltage is less than 250 V for portable machines and less than 1000 V for permanent connection to fixed wiring.

67.050**Üldised toidu katse- ja analüüsimeetodid**

General methods of tests and analysis for food products

UUED STANDARDID

EVS-EN 12856:2002

Hind 109,00

Identne EN 12856:1999

Foodstuffs - Determination of acesulfame-K, aspartame and saccharin - High performance liquid chromatographic method

This standard specifies a high performance liquid chromatographic (HPLC) method for the determination of acesulfame-K, aspartame and saccharin.

67.060**Teravili ja kaunvili ning nendest valmistatud tooted**

Cereals, pulses and derived products

UUED STANDARDID

EVS-EN 13585:2002

Hind 101,00

Identne EN 13585:2001

Foodstuffs - Determination of fumonisins B1 and B2 in maize - HPLC method with solid phase extraction clean-up

This European Standard specifies a method for the determination of fumonisin B1 (FB1) and fumonisin B2 (FB2) in maize using high performance liquid chromatography (HPLC).

67.200.10**Loomsed ja taimsed rasvad ja õlid**

Animal and vegetable fats and oils

UUED STANDARDID

EVS-EN ISO 5555:2002

Hind 146,00

Identne ISO 5555:2001

ja identne EN ISO 5555:2001

Loomsed ja taimsed rasvad ja õlid. Proovivõtmine

See rahvusvaheline standard kirjeldab meetodeid, kuidas võtta proove töötlemata või töödeldud loomsetest ja taimsetest rasvadest ja õlidest (edaspidi: rasvad), olenemata nende päritolust ja sellest, kas nad on vedelad või tahked. Ühtlasi kirjeldab standard selles toimingus kasutatavaid seadmeid.

71.100.40**Pindaktiivsed ained**

Surface active agents

UUED STANDARDID

EVS-EN 13435:2002

Hind 83,00

Identne EN 13435:2001

Surface active agents -**Determination of free amine content of alkyl dimethyl betaines**

This European Standard specifies a method for the determination of 0,02 mmol of free amine in alkyl dimethyl betaines.

Monochloroacetic acid, glycolic acid and strong acids do not interfere the determination.

EVS-EN 13560:2002

Hind 83,00

Identne EN 13560:2001

Surface active agents -**Determination of amide****nitrogen content -****Potentiometric titration**

This European Standard specifies a method for the determination of amide nitrogen content in surface active agents by potentiometric titration. It is not applicable to other basic substances.

EVS-EN 13716:2002

Hind 83,00

Identne EN 13716:2001

Surface active agents -**Determination of total base****nitrogen - Potentiometric****titration**

This standard specifies a method for the determination of total base nitrogen content in surface-active agents by potentiometric titration.

73.020**Mäendus**

Mining and quarrying

UUED STANDARDID

EVS-EN 12670:2002

Hind 199,00

Identne EN 12670:2001

Natural stone - Terminology

This European Standard defines the recommended terminology covering scientific, and technical terms, test methods, products and the classification of Natural Stones.

75.080
Naftasaadused üldiselt

Petroleum products in
general

UUED STANDARDID

EVS-EN ISO 3170:2002

Hind 146,00

Identne ISO 3170:1988 +

AM1:1998

ja identne EN ISO 3170:1998

**Petroleum liquids - Manual
sampling**

This standard specifies the
procedure to be used for
obtaining, by manual methods,
samples of liquid hydrocarbons,
tank residues and deposits from
fixed tanks, railcars, road vehicles,
ships and barges, drums and cans,
or from liquids being pumped in
pipelines.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53085

Tähtaeg: 2002-09-01

Identne ISO 1516:2002

ja identne EN ISO 1516:2002

**Determination of flash/no flash
- Closed cup equilibrium
method**

This International Standard
specifies a method to determine if
paints, varnishes, paint binders,
solvents, petroleum or related
products, when maintained at a
selected equilibrium temperature
and under the conditions of the
test, give off sufficient flammable
vapour to cause ignition on
application of an external source of
flame applied in a standard
manner.

75.180.01

**Nafta- ja
maagaasitööstuse
seadmed üldiselt**

Equipment for petroleum
and natural gas industries in
general

UUED STANDARDID

EVS-EN ISO 15156-1:2002

Hind 83,00

Identne ISO 15156-1:2001

ja identne EN ISO 15156-1:2001

**Petroleum and natural gas
industries - Materials for use in
H2S-containing environments
in oil and gas production - Part
1: General principles for
selection of cracking-resistant
materials**

This standard describes general
principles and gives requirements
and recommendations for the
selection and qualification of
metallic materials for service in
equipment used in oil and gas
production and in natural gas
sweetening plants in H2S-
containing environments, where
the failure of such equipment
could pose a risk to the health and
safety of the public and personnel
or to the environment.

75.180.10

**Uuringu- ja
ammutusseadmed**

Exploratory and extraction
equipment

UUED STANDARDID

EVS-EN ISO 13533:2002

Hind 283,00

Identne ISO 13533:2001

ja identne EN ISO 13533:2001

**Petroleum and natural gas
industries - Drilling and
production equipment - Drill-
through equipment**

This standard specifies
requirements for performance,
design, materials, testing and
inspection, welding, marking,
handling, storing, and shipping of
drill-through equipment used for
drilling for oil and gas. It also
defines service conditions in terms
of pressure, temperature and
wellbore fluids for which the
equipment will be designed.

EVS-EN ISO 14310:2002

Hind 139,00

Identne ISO 14310:2001

ja identne EN ISO 14310:2001

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

This standard provides
requirements for packers and
bridge plugs for use in the
petroleum and natural gas industry.
Application of this standard is
limited to those products meeting
the definition of a packer or bridge
plug intended for petroleum and

natural gas industry subsurface
operations.

75.180.20

Töötlemisseadmed

Processing equipment

UUED STANDARDID

EVS-EN ISO 13705:2002

Hind 360,00

Identne ISO 13705:2001

ja identne EN ISO 13705:2001

**Petroleum and natural gas
industries - Fired heaters for
general refinery service**

This standard specifies
requirements and gives
recommendations for the design,
materials, fabrication, inspection,
testing, preparation for shipment,
and erection of fired heaters, air
preheaters, fans and burners for
general refinery service.

EVS-EN ISO 10440-2:2002

Hind 179,00

Identne ISO 10440-2:2001

ja identne EN ISO 10440-2:2001

**Petroleum and natural gas
industries - Rotary-type
positive-displacement
compressors - Part 2: Packaged
air compressors (oil-free)**

This standard covers the minimum
requirements for helical, spiral, and
straight-lobe, oil free rotary
compressors used for applications
up to 0,20 MPa in refinery services.
It is applicable to air (and other
inert gas) compressors that are in
continuous duty on process units.

75.200

**Nafta, naftasaaduste ja
maagaasi transpordi
seadmed**

Petroleum products and
natural gas handling
equipment

UUED STANDARDID

EVS-EN 13645:2002

Hind 146,00

Identne EN 13645:2001

**Installations and equipment for
liquefied natural gas - Design of
onshore installations with a
storage capacity between 5 t
and 200 t**

This standard specifies requirements for the design and construction of onshore stationary liquefied natural gas (LNG) installations with a total storage capacity between 5 t and 200 t.

EVS-EN ISO 14723:2002

Hind 229,00

Identne ISO 14723:2001

ja identne EN ISO 14723:2001

Petroleum and natural gas industries - Pipeline transportation systems - Subsea pipeline valves

This standard specifies requirements and gives recommendations for the design, manufacturing, testing and documentation of ball, check and gate valves for subsea application in offshore pipeline systems meeting the requirements of ISO 13623 for the petroleum and natural gas industries.

77.040.20

Metallide mittepurustav katsetamine

Non-destructive testing of metals

UUED STANDARDID

EVS-EN 10306:2002

Hind 101,00

Identne EN 10306:2001

Iron and steel - Ultrasonic testing of H beams with parallel flanges and IPE beams

This European Standard specifies a reflection method for the ultrasonic testing of H beams with parallel flanges and IPE beams for the detection of presence of internal discontinuities.

77.040.30

Metallograafia jm katsemetodid

Metallographic and other methods of testing

UUED STANDARDID

EVS-EN 13615:2002

Hind 109,00

Identne EN 13615:2001

Methods for the analysis of ingot tin - Determination of impurity element contents in tin grades 99,90 % and 99,85 % by atomic spectrometry

This European Standard specifies atomic spectroscopic methods Atomic Absorption Spectrometry (AAS) or inductively coupled plasma Atomic Emission Spectrometry (ICP-AES) intended for the analysis of ingot tin.

77.120.01

Värvilised metallid üldiselt

Non-ferrous metals in general

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 14813

Tähtaeg: 2002-09-01

Identne EN 10216-1:2002

Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 1: Non-alloy steel tubes with specified room temperature properties

This Part of EN 10216 specifies the technical delivery conditions for two qualities TR1 and TR2 of seamless tubes of circular cross section with specified room temperature properties made of non-alloy quality steel.

77.140.01

Malm- ja terastooted üldiselt

Iron and steel products in general

UUED STANDARDID

EVS-EN 12952-2:2002

Hind 139,00

Identne EN 12952-2:2001

Water-tube boilers and auxiliary installations - Part 2: Materials for pressure parts of boilers and accessories

This EN 12952-2 covers the requirements for the following materials for use in pressure parts of water-tube boilers and for parts welded on pressure parts: plates; wrought welded tubes; electrically welded tubes; submerged, plasma and TIG arc-welded tubes; forgings; castings; rolled bars; welding consumables; fasteners; seamless composite tubes.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 14813

Tähtaeg: 2002-09-01

Identne EN 10216-1:2002

Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 1: Non-alloy steel tubes with specified room temperature properties

This Part of EN 10216 specifies the technical delivery conditions for two qualities TR1 and TR2 of seamless tubes of circular cross section with specified room temperature properties made of non-alloy quality steel.

77.140.15

Armatuurterased

Steels for reinforcement of concrete

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 14754

Tähtaeg: 2002-09-01

Identne EN ISO 15630-1:2002

Steel for the reinforcement and prestressing of concrete - Test methods - Part 1: Reinforcing bars, wire rod and wire

This part of ISO 15630 specifies test methods applicable to reinforcing bars, wire rod and wire.

prEVS 53155

Tähtaeg: 2002-09-01

Identne EN ISO 15630-2:2002

Steel for the reinforcement and prestressing of concrete - Test methods - Part 2: Welded fabric

This part of ISO 15630 specifies test methods applicable to welded fabric.

prEVS 53156

Tähtaeg: 2002-09-01

Identne ISO 15630-3:2002

ja identne EN ISO 15630-3:2002
Steel for the reinforcement and prestressing of concrete - Test methods - Part 3: Prestressing steel

This part of ISO 15630 specifies test methods applicable to prestressing steels (bar, wire or strand).

77.140.30

Surveotstarbelised terased

Steels for pressure purposes

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53083

Tähtaeg: 2002-09-01

Identne EN 10028-

1:2000/prA1:2002

**Lametoote terasest
surveeadmete. Osa 1:
Üldnõuded**

This part of EN 10028 specifies the general technical delivery conditions for flat products used principally for the construction of pressure equipments.

**77.140.50
Lameterastooted ja -
pooltooted**

Flat steel products and semi-products

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 53083
Tähtaeg: 2002-09-01
Identne EN 10028-
1:2000/prA1:2002

**Lametoote terasest
surveeadmete. Osa 1:
Üldnõuded**

This part of EN 10028 specifies the general technical delivery conditions for flat products used principally for the construction of pressure equipments.

**77.140.60
Teraskangid ja
varbmaterjal**

Steel bars and rods

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 14754
Tähtaeg: 2002-09-01
Identne EN ISO 15630-1:2002
Steel for the reinforcement and prestressing of concrete - Test methods - Part 1: Reinforcing bars, wire rod and wire
This part of ISO 15630 specifies test methods applicable to reinforcing bars, wire rod and wire.

prEVS 53156
Tähtaeg: 2002-09-01
Identne ISO 15630-3:2002
ja identne EN ISO 15630-3:2002
Steel for the reinforcement and prestressing of concrete - Test methods - Part 3: Prestressing steel

This part of ISO 15630 specifies test methods applicable to prestressing steels (bar, wire or strand).

**77.140.65
Terastraat, terastrossid ja
ühendusketid**

Steel wire, wire ropes and link chains

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 53155
Tähtaeg: 2002-09-01
Identne EN ISO 15630-2:2002
Steel for the reinforcement and prestressing of concrete - Test methods - Part 2: Welded fabric
This part of ISO 15630 specifies test methods applicable to welded fabric.

**77.140.70
Terasprofiilid**

Steel profiles

UUED STANDARDID

EVS-EN 10306:2002
Hind 101,00
Identne EN 10306:2001
Iron and steel - Ultrasonic testing of H beams with parallel flanges and IPE beams
This European Standard specifies a reflection method for the ultrasonic testing of H beams with parallel flanges and IPE beams for the detection of presence of internal discontinuities.

**77.140.75
Terastorud ja
eriotstarbelised torud**

Steel pipes and tubes for specific use

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 14812
Tähtaeg: 2002-09-01
Identne EN 10217-1:2002
Welded steel tubes for pressure purposes - Technical delivery conditions - Part 1: Non-alloy steel tubes with specified room temperature properties
This Part of EN 10217 specifies the technical delivery conditions for two qualities TR1 and TR2 of welded tubes of circular cross section, made of non-alloy quality steel and with specified room temperature properties.
prEVS 31653
Tähtaeg: 2002-09-01

Identne EN 10216-2:2002
Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties

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

prEVS 31654
Tähtaeg: 2002-09-01
Identne EN 10217-2:2002

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 2: Electric welded non-alloy and alloy steel tubes with specified elevated temperature properties

This Part of EN 10217 specifies the technical delivery conditions in two test categories of electric welded tubes of circular cross section, with specified elevated temperature properties, made of non-alloy and alloy steel.

prEVS 31655
Tähtaeg: 2002-09-01
Identne EN 10217-5:2002

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 5: Submerged arc welded non-alloy and alloy steel tubes with specified elevated temperature properties

This Part of EN 10217 specifies the technical delivery conditions in two test categories of submerged arc welded tubes of circular cross section, with specified elevated temperature properties, made of non-alloy and alloy steel.

prEVS 32156
Tähtaeg: 2002-09-01
Identne EN 10217-3:2002

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

This Part of EN 10217 specifies the technical delivery condition in two test categories for welded tubes of circular cross section, made of weldable alloy fine grain steel.

prEVS 32163
Tähtaeg: 2002-09-01
Identne EN 10217-4:2002

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 4: Electric welded non-alloy steel tubes with specified low temperature properties

This Part of EN 10217 specifies the technical delivery conditions in two test categories of electric welded tubes of circular cross section, with specified low temperature properties, made of non-alloy steel.

prEVS 32164

Tähtaeg: 2002-09-01

Identne EN 10217-6:2002

Welded steel tubes for pressure purposes - Technical delivery conditions - Part 6: Submerged arc welded non-alloy steel tubes with specified low temperature properties

This Part of EN 10217 specifies the technical delivery conditions in two test categories of submerged arc welded tubes of circular cross section, with specified low temperature properties, made of non-alloy steel.

prEVS 32339

Tähtaeg: 2002-09-01

Identne EN 10216-4:2002

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

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

prEVS 32340

Tähtaeg: 2002-09-01

Identne EN 10216-3:2002

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

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

77.140.80

Malm- ja terasvalu

Iron and steel castings

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53134

Tähtaeg: 2002-09-01

Identne EN 1563:1997/A1:2002

Metallivalu. Keraja grafiidiga malmid

This European Standard defines the grades and the corresponding requirements of spheroidal graphite cast iron. This European Standard specifies a classification based on mechanical properties measured on machined test pieces prepared from: - separately cast samples; - cast on samples; - samples cut from a casting. This standard also specifies a classification as a function of hardness.

77.150.01

Mitteraudmetallidest tooted üldiselt

Products of non-ferrous metals in general

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 14813

Tähtaeg: 2002-09-01

Identne EN 10216-1:2002

Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 1: Non-alloy steel tubes with specified room temperature properties

This Part of EN 10216 specifies the technical delivery conditions for two qualities TR1 and TR2 of seamless tubes of circular cross section with specified room temperature properties made of non-alloy quality steel.

77.150.60

Plii-, tsink- ja tinatooted

Lead, zinc and tin products

UUED STANDARDID

EVS-EN 13615:2002

Hind 109,00

Identne EN 13615:2001

Methods for the analysis of ingot tin - Determination of impurity element contents in tin grades 99,90 % and 99,85 % by atomic spectrometry

This European Standard specifies atomic spectroscopic methods Atomic Absorption Spectrometry (AAS) or inductively coupled plasma Atomic Emission Spectrometry (ICP-AES) intended for the analysis of ingot tin.

77.160

Pulbermetallurgia

Powder metallurgy

UUED STANDARDID

EVS-EN ISO 3927:2002

Hind 57,00

Identne ISO 3927:2001

ja identne EN ISO 3927:2001 Metallic powders, excluding powders for hardmetals - Determination of compressibility in uniaxial compression

This standard specifies methods to measure the extent to which a metallic powder is compacted when subjected to uniaxial compressive loading in a confining die under specified conditions.

EVS-EN ISO 4490:2002

Hind 57,00

Identne ISO 4490:2001

ja identne EN ISO 4490:2001 Metallic powders - Determination of flow time by means of a calibrated funnel (Hall flowmeter)

This standard specifies a method for determining the flow time of metallic powders, including powders for hardmetals, by means of a calibrated funnel (Hall flowmeter). The method is applicable only to powders which flow freely through the specified test orifice.

79.060.20

Puitkiud- ja puitlaastplaadid

Fibre and particle boards

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53149

Tähtaeg: 2002-09-01

Identne prEN 14323:2001

Wood-based panels - Melamine faced boards for interior uses - Characteristics and test methods

This European Standard specifies characteristics and test methods for melamine faced boards (MFB) as defined in prEN 14322.

79.080

Puitpooltooted

Semi-manufactures of timber

UUED STANDARDID

EVS-EN 12479:2002

Hind 75,00

Identne EN 12479:2001

Wood poles for overhead lines - Sizes - Methods of measurement and permissible deviations

This standard specifies methods of measuring the sizes of solid wood poles for overhead transmission and telecommunications lines and tolerances that are taken into account for the acceptance of the poles. It is applicable to both hardwood and softwood poles.

EVS-EN 12510:2002

Hind 109,00

Identne EN 12510:2001

Wood poles for overhead lines - Strength grading criteria

This standard specifies the requirements for the handling and storage and the characteristics for inclusion in

regional/national/local/buyer standards of visual strength grading of softwood and hardwood poles. It also specifies the marking requirements.

EVS-EN 12511:2002

Hind 83,00

Identne EN 12511:2001

Timber poles for overhead lines - Determination of characteristic values

This standard specifies the methods for determining characteristic values for bending strength and modulus of elasticity, of any population of wood poles. It is not intended for routine quality control.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 24815

Tähtaeg: 2002-09-01

Identne prEN 14354:2001

Wood-based panels - Wood veneer floor covering

This European standard specifies definitions, requirements and test methods for wood veneer floor coverings for internal use.

83.080.01

Plastid üldiselt

Plastics in general

UUED STANDARDID

EVS-EN ISO 1043-1:2002

Hind 92,00

Identne ISO 1043-1:2001

ja identne EN ISO 1043-1:2001

Plastid. Tähisted ja terminilühendid. Osa 1: Põhipolümeerid ja nende eritunnused

This part of EN ISO 1043 provides abbreviated terms for the plastics, symbols for components of these terms, and symbols for special characteristics of plastics. It includes only those abbreviated terms that have come into established use and its aim is both to prevent the occurrence of more than one abbreviated term for a given plastics and to prevent a given abbreviated term being interpreted in more than one way.

83.080.20

Termoplastid

Thermoplastic materials

UUED STANDARDID

EVS-EN ISO 1624:2002

Hind 66,00

Identne ISO 1624:2001

ja identne EN ISO 1624:2001

Plastid. Vinüülkloriidi homopolümeer- ja kopolümeervaigud. Sõelanalüüs vees

This standard specifies a method for the determination of the sieve retention of vinyl chloride homopolymer and copolymer resins. Control of this characteristics can help to ensure consistency of supply and predictable processing behaviour.

87.040

Värvid ja lakid

Paints and varnishes

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53085

Tähtaeg: 2002-09-01

Identne ISO 1516:2002

ja identne EN ISO 1516:2002

Determination of flash/no flash - Closed cup equilibrium method

This International Standard specifies a method to determine if paints, varnishes, paint binders, solvents, petroleum or related products, when maintained at a selected equilibrium temperature and under the conditions of the test, give off sufficient flammable vapour to cause ignition on application of an external source of flame applied in a standard manner.

91.010.01

Ehitus(tööstus) üldiselt

Construction industry in general

UUED STANDARDID

EVS 811:2002

Hind 179,00

Identne EVS 811:2002

Hoone projekt

Standard käsitleb hoonete ja muude ehitiste arhitektuurilise ning tehnilise kavandamise (projekteerimise) käiku ja korraldust, samuti kavandatavat ehitist kirjeldavat tehnilist dokumentatsiooni. Standard ei käsitle ehitustööde tegemist ega sellega seotud dokumentatsiooni (välja arvatud teostusdokumentatsioon). Standard ei käsitle tootmistarbelise ehitise tehnoloogia projekteerimist. Eeldatud on, et tootmishoone projekteerijad saavad tellijalt igal staadiumil vajaliku detailsusega lähteandmed ruumide, keskkonna ja tehnosüsteemide projekteerimiseks. Standard ei hõlma teede, elektriliinide ja muude eriehitiste projekteerimist.

91.020**Projekteerimine.
Linnaplaneerimine**Physical planning, Town
planning**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 52041

Tähtaeg: 2002-09-01

Identne prEVS 809:2001

**Kuritegevuse ennetamine.
Linnaplaneerimine ja
arhitektuur****91.040.01****Hooned üldiselt**

Building in general

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 53169

Tähtaeg: 2002-09-01

Identne EVS 1997-2:2002

**Geotehniline projekteerimine.
Osa 2: Laboriteimid****91.060.20****Katused**

Roofs

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 53153

Tähtaeg: 2002-09-01

Identne prEN 13501-5:2001

**Fire classification of
construction products and
building elements - Part 5:
Classification using test data
from external fire exposure to
roof tests**This European Standard provides
the fire performance classification
procedures for roofs/roof
coverings, exposed to external fire
based on the three test methods
given in prEN 1187.**91.060.40****Korstnad, lõõrid, kanalid**

Chimneys, shafts, ducts

UUED STANDARDID

EVS-EN 13084-2:2002

Hind 139,00

Identne EN 13084-2:2001

**Free-standing chimneys - Part
2: Concrete chimneys**This part of the European
Standard specifies particular
requirements and performance
criteria for the design and
construction of cast-in-situ
concrete chimneys as well as
prefabricated concrete chimneys. It
identifies requirements to ensure
the mechanical resistance and
stability of concrete chimneys in
accordance with the general
requirements given in EN 13084-1.**91.060.50****Uksed ja aknad**

Doors and windows

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 24204

Tähtaeg: 2002-08-01

Identne IEC 60335-2-97:1998

ja identne EN 60335-2-97:2000

**Safety of household and similar
electrical appliances - Part 2-97:
Particular requirements for
drives for rolling shutters,
awnings, blinds and similar
equipment**Deals with the safety of electric
drives for rolling equipment such
as shutters for doors and windows,
blinds and awnings. Drives for
equipment with a spring-controlled
part, such as a folding arm awning
are included. Drives for garage
doors are covered by IEC 60335-2-
95.**91.080.01****Ehituskonstruksioonid
üldiselt**Structures of buildings in
general**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 53168

Tähtaeg: 2002-09-01

Identne EVS 1991-5:2002

**Ehituskonstruksioonide
koormused. Osa 5: Kraanade ja
muude mehhanismide
põhjustatud koormused**

prEVS 53170

Tähtaeg: 2002-09-01

Identne EVS 1991-4:2002

**Ehituskonstruksioonide
koormused. Osa 4: Puiste- ja
vedelikmahutite koormused****91.080.10****Metallkonstruksioonid**

Metal structures

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 53172

Tähtaeg: 2002-09-01

Identne EVS 1993-4-2:2002

**Teraskonstruksioonide
projekteerimine. Osa 4-2:
Vedelikumahutid****91.080.20****Puitkonstruksioonid**

Timber structures

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 53174

Tähtaeg: 2002-09-01

Identne EVS 1995-2:2002

**Puitkonstruksioonid. Osa 2:
Puitsillad****91.080.40****Betoonkonstruksioonid**

Concrete structures

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 14754

Tähtaeg: 2002-09-01

Identne EN ISO 15630-1:2002

**Steel for the reinforcement and
prestressing of concrete - Test
methods - Part 1: Reinforcing
bars, wire rod and wire**This part of ISO 15630 specifies
test methods applicable to
reinforcing bars, wire rod and wire.
prEVS 53076

Tähtaeg: 2002-09-01

Identne prEN 13894-1:2001

**Products and systems for the
protection and repair of
concrete structures - Test
methods - Determination of
fatigue under dynamic loading -
Part 1: During cure**The purpose of this standard is to
define a laboratory method of
testing to ascertain the response to
fatigue under dynamic loading
during cure of structural bonding
agents in composite systems
involving the bonding of steel-to-
steel, steel-to-concrete and
hardened concrete-to-hardened
concrete.

prEVS 53155

Tähtaeg: 2002-09-01

EVS Teataja 7/2002

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

prEVS 53156

Tähtaeg: 2002-09-01

Identne ISO 15630-3:2002
ja identne EN ISO 15630-3:2002
Steel for the reinforcement and prestressing of concrete - Test methods - Part 3: Prestressing steel

This part of ISO 15630 specifies test methods applicable to prestressing steels (bar, wire or strand).

prEVS 53171

Tähtaeg: 2002-09-01

Identne 1992-1-6:2002
Raudbetoonkonstruktsioonid. Osa 1-6: Armeerimata betoonkonstruktsioonide projekteerimise üldeeskirjad

prEVS 53173

Tähtaeg: 2002-09-01

Identne EVS 1992-1-3:2002
Raudbetoonkonstruktsioonid. Osa 1-3: Monteeritavate raudbetoonelementide ja -konstruktsioonide projekteerimise üldeeskirjad

91.100.10

Tsement. Kips. Lubi. Mört

Cement. Gypsum. Lime.
Mortar

UUED STANDARDID

EVS-EN 12808-2:2002

Hind 83,00

Identne EN 12808-2:2001

Grouts for tiles - Part 2: Determination of resistance to abrasion

This European Standard applies to all ceramic tile grouts used for internal and external tile installations on walls and floors. This standard specifies the test method to be used to determine the abrasion resistance of ceramic tile grouts.

EVS-EN 12808-3:2002

Hind 83,00

Identne EN 12808-3:2001

Grouts for tiles - Part 3: Determination of flexural and compressive strength

This European Standard applies to all ceramic tile grouts for internal and external tile installations on walls and floors. This standard describes the test methods to be used to determine the compressive and flexural strength of ceramic tile grouts.

EVS-EN 12808-4:2002

Hind 83,00

Identne EN 12808-4:2001

Grouts for tiles - Part 4: Determination of shrinkage

This European Standard applies to all ceramic tile grouts for internal and external tile installations on walls and floors. This standard specifies the test method to be used to determine the shrinkage of ceramic tile grouts.

EVS-EN 12808-5:2002

Hind 75,00

Identne EN 12808-5:2001

Grouts for tiles - Part 5: Determination of water absorption

This European Standard applies to all ceramic tile grouts used for internal and external tile installations on walls and floors. This standard specifies the test method to be used to determine the water absorption coefficient due to capillary action when the grout surface contacts the water without any additional pressure. The coefficient is measured by means of prisms.

91.100.15

Mineraalsed materjalid ja tooted

Mineral materials and products

UUED STANDARDID

EVS-EN 12670:2002

Hind 199,00

Identne EN 12670:2001

Natural stone - Terminology

This European Standard defines the recommended terminology covering scientific, and technical terms, test methods, products and the classification of Natural Stones.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 12667

Tähtaeg: 2002-09-01

Identne prEN 1097-6:1997

Täitematerjalide mehaaniliste ja füüsikaliste omaduste katsetamine. Osa 6: Osakeste tiheduse veemavuse määramine

This European Standard specifies methods for the determination of the particle density and water absorption of aggregates. It is applicable to aggregates having a particle density above 1 Mg/m³. The methods specified are: a) a wire basket method for aggregates passing a 63 mm but retained on a 31,5 mm sieve; b) pycnometer methods for aggregates passing a 31,5 mm sieve but retained on a 0,063 mm sieve. NOTE: The wire basket method can also be used for single aggregates particles retained on a 63 mm sieve.

prEVS 50889

Tähtaeg: 2002-09-01

Identne EN 1744-1:1998

Täitematerjalide keemiliste omaduste katsetamine. Osa 1: Keemiline analüüs

Käesolev Euroopa standard määratleb täitematerjalide keemilise analüüsi meetodid. Standard määratleb põhimeetodid ja teatud juhtudel ka samaväärseid tulemusi andvad alternatiivmeetodid. Juhul kui kasutatakse teisi meetodeid, tuleb näidata, et need annavad siintoodud põhimeetodiga samaväärse tulemuse.

Märkus. Erimeelsuste korral tuleks kasutada ainult põhimeetodit. Kui pole teisiti määratud, võib käesolevas standardis esitatud meetodeid kasutada tootmiskontrolli eesmärkidel ja kontroll- või tüübikatsetusel.

prEVS 51622

Tähtaeg: 2002-09-01

Identne EN 932-5:1999

Täitematerjalide üldiste omaduste katsetamine. Osa 5: Üldkasutatavad seadmed ja kalibreerimine

Käesolev Euroopa standard määrab kindlaks täitematerjalide omaduste määramise üldkasutatavatele seadmetele, nende kalibreerimise protseduuridele ja kasutatavatele keemilistele reaktiividele esitatavad nõuded.

prEVS 51623

Tähtaeg: 2002-09-01

Identne EN 933-4:1999

Täitematerjalide geomeetriliste omaduste katsetamine. Osa 4: Tera kuju määramine. Kujutegur

This part of this European standard specifies a method for the determination of the shape index of coarse aggregates. It applies to aggregates of natural or artificial origin, including lightweight aggregates. The test method specified in this Part of this European Standard is applicable to aggregate between 4 mm and 63 mm nominal size.

91.100.20

Mineraalsed ja keraamilised materjalid ja tooted

Mineral and ceramic
materials and products

UUED STANDARDID

EVS-EN 772-5:2002

Hind 92,00

Identne EN 772-5:2001

Methods of test for masonry units - Part 5: Determination of the active soluble salt content of clay masonry units

This Standard specifies a method for determining the active soluble salts content of clay masonry units.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 51623

Tähtaeg: 2002-09-01

Identne EN 933-4:1999

Täitematerjalide geomeetriliste omaduste katsetamine. Osa 4: Tera kuju määramine.

Kujutegur

This part of this European standard specifies a method for the determination of the shape index of coarse aggregates. It applies to aggregates of natural or artificial origin, including lightweight aggregates. The test method specified in this Part of this European Standard is applicable to aggregate between 4 mm and 63 mm nominal size.

91.100.30

Betoon ja betoontooted

Concrete and concrete
products

UUED STANDARDID

EVS-EN 206-1:2002

Hind 259,00

Identne EN 206-1:2000

Betoon. Osa 1:

Spetsifitseerimine, toimivus, tootmine ja vastavus

Käesolev standard rakendub monoliitsete ja monteeritavate konstruktsioonide ning hoonete ja rajatiste betoonelementide valmistamisel kasutatavale betoonile. Betoon võib olla platsi-, kauba- või tehases betoonelementide tarbeks valmistatud betoon. Käesolev standard spetsifitseerib nõuded: -

betooni

lähtematerjalidele; -

betoonisegu ja kivistunud

betooni omadustele ning nende vastavuse tõestamisele; -

betooni koostisele

esitatavatele piirangutele; - betooni omaduste spetsifitseerimisele; -

betoonisehje meetoditele; -

tootmisohje meetoditele; -

vastavuskriteeriumidele ja

vastavuse hindamisele. Käesolev standard on rakendatav ainult sellisele betoonile, mis ei sisalda pärast tihendamist liigset õhku, manustatud õhk välja arvatud.

Standard on rakendatav normaal-, raske- ja kergbetoonidele.

Käesoleva standardi käsituslasse kuuluvatele teatud toodetele (nt betoonelementidele) või

menetlustele kehtestatud teised

Euroopa standardid võivad nõuda

või lubada kõrvalekaldeid sellest

standardist. Täiendavaid või

erinõudeid võivad esitada selle

standardi edaspidi koostatavad

osad või teised eriküsimusi

käsitlevad Euroopa standardid.

Käesolev standard ei rakendu: -

gaasbetoonile; - vahtbetoonile; -

korebetoonile (peentäitematerjalita

betoon); - betoonile, mille tihedus

on alla 800 kg/m³; - tulekindlale

betoonile. Käesolev standard ei

käsitte tervise- ja ohutusnõudeid

töötajate kaitsmiseks betooni

tootmisel ja tarnimisel.

EVS-EN 12390-1:2002

Hind 101,00

Identne EN 12390-1:2000

Kivistunud betooni

katsetamine. Osa 1: Kuju,

mõõtmed ja muud

katsekehadele ja vormidele

esitatavad nõuded

Käesolev standard esitab betoonist

vormitud kuubi-, silindri- ja

prismakujuliste katsekehade ja

nende valmistamisel kasutatavate

vormide kuju, mõõtmed ja

tolerantsid.

EVS-EN 12390-2:2002

Hind 83,00

Identne EN 12390-2:2000

Kivistunud betooni

katsetamine. Osa 2:

Tugevuskatse katsekehade

valmistamine ja hoidmine

Käesolev standard esitab

tugevuskatse katsekehade

valmistamise ja hooldamise

meetodid. Standard käsitleb

vormide ettevalmistamist ja

täitmist, betooni tihendamist,

pinna silumist ning katsekehade

hooldamist ja transporti.

EVS-EN 12390-3:2002

Hind 117,00

Identne EN 12390-3:2001

Kivistunud betooni

katsetamine. Osa 3:

Katsekehade survetugevus

Käesolev standard esitab

kivistunud betooni katsekehade

survetugevuse määramise meetodi.

EVS-EN 12390-4:2002

Hind 126,00

Identne EN 12390-4:2000

Kivistunud betooni

katsetamine. Osa 4:

Survetugevus. Katsemasinatele

esitatavad nõuded

Käesolev standard esitab nõuded

betooni survetugevuse määramisel

kasutatavate survekatsemasinate

toimivusele.

EVS-EN 12390-5:2002

Hind 83,00

Identne EN 12390-5:2000

Kivistunud betooni

katsetamine. Osa 5:

Katsekehade

paindetõmbetugevus

Käesolev standard esitab

kivistunud betoonist katsekehade

paindetõmbetugevuse määramise

meetodi.

EVS-EN 12390-6:2002

Hind 92,00

Identne EN 12390-6:2000

Kivistunud betooni

katsetamine. Osa 6:

Katsekehade

lõhestustõmbetugevus

Käesolev standard esitab

kivistunud betoonist

silindrikujuliste katsekehade

lõhestustõmbetugevuse määramise

meetodi. Kuubi- ja prismakujuliste

katsekehade katsetamisel põhinev

meetod on esitatud lisas A.

EVS-EN 12390-7:2002

Hind 92,00

Identne EN 12390-7:2000

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Kivistunud betooni katsetamine. Osa 7: Kivistunud betooni tihedus

Käesolev standard esitab kivistunud betooni tiheduse määramise meetodi. Standard on rakendatav kerg-, normaal- ja raskebetoonile. Standardis eristatakse järgmisi kivistunud betooni olekuid: - nagu-saadud; - veega küllastatud; -

kuivatatud. Määratakse kivistunud betoonist katsekeha mass ja maht ning arvutatakse betooni tihedus.

EVS-EN 12390-8:2002

Hind 75,00

Identne EN 12390-8:2000

Kivistunud betooni

katsetamine. Osa 8: Surve all oleva vee sissetungimissügavus
Käesolev standard esitab surve all oleva vee sissetungimissügavuse määramise meetodi vees kivistunud betoonisse.

91.140.30

Ventilatsiooni- ja kliimasüsteemid

Ventilation and air-conditioning systems

KAVANDITE ARVAMUSKÜSITLUS

prEVS 53152

Tähtaeg: 2002-09-01

Identne prEN 13501-3:2001

Fire classification of construction products and building elements - Part 3: Classification using data from fire resistance tests on components of normal building service installations

This European Standard specifies the procedure for classification of construction products used as components of normal building service installations, using data from fire resistance tests which are within the field of application of the relevant test method.

Classification on the basis of extended application is not within the scope of this Standard.

91.140.50

Elektrivarustussüsteemid

Electricity supply systems

UUED STANDARDID

EVS-HD 308 S2:2002

Hind 66,00

Identne HD 308 S2:2001

Identification of cores in cables and flexible cords

This harmonization Document applies to the identification of cores of rigid and flexible cables and cords for which the rated voltage does not exceed the upper limit of Voltage Band II (according to HD 193).

91.140.65

Veesoendussüsteemid

Water heating equipment

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53095

Tähtaeg: 2002-08-01

Identne EN 50165:1997/A1:2001

Electrical equipment of non-electric heating appliances for household and similar purposes - Safety requirements

This standard deals with the safety of electrical equipment of non-electric appliances for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard also applies to electrical equipment which is located separately from the appliance.

91.180

Siseviimistlus

Interior finishing

UUED STANDARDID

EVS-EN 235:2002

Hind 117,00

Identne EN 235:2001

Seinakatted rullmaterjalidena - Sõnastik ja tingmärgid

Standard määratleb kasutajatele vajalikud terminid rullidena turustatavate seinakattematerjalide korral, mida kasutatakse seinte ja lagede katmiseks, kasutades liimi, mis katab kogu vahe katte ja aluspinna vahel. Käesolev standard esitab ka teiste Euroopa standardite jaoks vajaminevad määratlused ja tingmärgid rullmaterjalina turustatava seinakatte kohta.

EVS-EN 984:2002

Hind 66,00

Identne EN 984:2001

Textile floor coverings -

Determination of the mass per unit area of the use surface of needed floor coverings

This European Standard specifies a method for the determination of the mass per unit area of the use surface of non-homogeneous flat needed floor coverings in which the use surface can be distinguished visually from the substrate.

EVS-EN 12956:2000/A1:2002

Hind 57,00

Identne EN 12956:1999/A1:2001

Seinakatted rullmaterjalina.

Mõõtmete, sirgjoonelise, käärdatud puhastatavuse ja pestavuse määramine.

MUUDATUS

Standard määrab kindlaks meetodi mõõtmete määramiseks, meetodi sirgjoonelise kontrollimiseks, meetodi käärdatud puhastatavuse ja pestavuse hindamiseks.

91.190

Ehitustarvikud

Building accessories

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53080

Tähtaeg: 2002-09-01

Identne prEN

1154:1996/prA1:2002

Building hardware - Controlled door closing devices -

Requirements and test methods

This standard specifies requirements for controlled door closing devices for swing doors, such devices being mounted on or in the frame, on or in the door, or in the floor.

prEVS 53081

Tähtaeg: 2002-09-01

Identne EN 1155:1997/prA1:2002

Hoonete metallsulused.

Pöörduksi lahti hoidvad

elektertoitega seadmed.

Nõuded ja katsemeetodid

This European Standard specifies requirements for separate hold-open devices and also for hold-open mechanisms incorporated in a door closer. Electrically powered hold-open devices for swing doors manufactured according to this European Standard can hold a swing door at a fixed position or can allow the door to swing freely. In each case interruption of the

electrical supply will cause the controlled door to close positively. prEVS 53082

Tähtaeg: 2002-09-01

Identne EN 1158:1997/prA1:2002

Hoonete metallsulused.

Ukseliikumisühtlustid. Nõuded ja katsemeetodid

This European Standard specifies requirements for door coordinator devices for double leaf swing doors fitted with door closers, and includes both separately mounted devices and mechanisms incorporated in door closers. Door coordinator devices are used where it is necessary to ensure the correct sequence of closing of double leaf swing doors, for example doors with rebated meeting stiles.

93.030

Kanalisatsiooni välisvõrgud

External sewage systems

UUED STANDARDID

EVS-EN 588-2:2002

Hind 170,00

Identne EN 588-2:2001

Fibre cement pipes for drains and sewers - Part 2: Manholes and inspection chambers

This Standard gives specifications for asbestos free fibre-cement manholes and inspection chambers for use in buried drains and sewers with gravity flow at atmospheric pressure. Products covered by this standard include prefabricated elements in fibre-cement as well as prefabricated complete manholes and inspection chambers. It specifies definitions, descriptions, composition, general appearance and finish, geometrical characteristics, mechanical characteristics, acceptance tests, type tests and quality control requirements. NOTE: Complete manholes or prefabricated elements can also be used for other purposes such as pumping stations, items of drainage, items for sewage treatment or sewage disposal, when corresponding additional requirements according to the relevant European standards are fulfilled.

93.080.20

Teedehitusmaterjalid

Road construction materials

UUED STANDARDID

EVS-EN 1341:2002

Hind 179,00

Identne EN 1341:2001

Slabs of natural stone for external paving - Requirements and test methods

This European Standard specifies the performance requirements and the corresponding test methods for all natural stone slabs, for external paving use. It provides for product marking and for the evaluation of conformity of the product to this European Standard. This European Standard covers also characteristics that are of importance to the trade. It does not cover internal flooring tiles or slabs nor does it cover the effect of de-icing salts.

EVS-EN 1342:2002

Hind 179,00

Identne EN 1342:2001

Setts of natural stone for external paving - Requirements and test methods

This European Standard specifies the performance requirements and the corresponding test methods for all natural stone setts for external paving use. It provides for product marking and for the evaluation of conformity of the product to this European Standard. This European Standard also covers characteristics that are of importance to the trade. It does not cover the effect of de-icing salts.

EVS-EN 1343:2002

Hind 146,00

Identne EN 1343:2001

Kerbs of natural stone for external paving - Requirements and test methods

This European Standard specifies the performance requirements and the corresponding test methods for natural stone kerbs, for external use. It provides for product marking and for the evaluation of conformity of the product to this European Standard. This European Standard covers also characteristics that are of importance to the trade. It does not cover the effect of de-icing salts.

93.080.30

Teepäraldised

Road equipment and installations

UUED STANDARDID

EVS-EN 12899-1:2002

Hind 190,00

Identne EN 12899-1:2001

Fixed, vertical road traffic signs - Part 1: Fixed signs

This part of the Standard specifies requirements for new fixed signs: non-retroreflective and retroreflective fixed signs; non-retroreflective and retroreflective fixed signs when they are illuminated at night by external lighting luminaries; and transilluminated signs.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 35167

Tähtaeg: 2002-08-01

Identne EN 50293:2000

Electromagnetic compatibility - Road traffic signal systems - Product standard

This product standard for EMC requirements applies to road traffic signal systems. The range of products included within the scope of this standard are road traffic signal systems and devices including for example signal heads, signalling devices and traffic signs, controller and housing, supports, interconnections, links, traffic detectors, monitoring equipment, electrical supply.

97.030

Elektrilised kodumasinad

Domestic electrical appliances in general

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53094

Tähtaeg: 2002-08-01

Identne EN 50106:1997/A1:2001

Safety of household and similar electrical appliances - Particular rules for routine tests referring to appliances under the scope of EN 60335-1 and EN 60967

These tests are intended to reveal a variation during the manufacture of appliances which could impair safety. They do not impair the properties and the reliability of the appliance and are to be carried out

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on each appliance. They are normally carried out on the complete appliance after assembly but the manufacturer may perform the tests at an appropriate stage during production, provided later manufacturing operations would not affect the results.

97.040.20

**Pliidid, töölaudad, ahjud
jms**

Cooking ranges, working
tables, ovens and similar
appliances

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 53095

Tähtaeg: 2002-08-01

Identne EN 50165:1997/A1:2001

**Electrical equipment of non-
electric heating appliances for
household and similar purposes
- Safety requirements**

This standard deals with the safety of electrical equipment of non-electric appliances for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard also applies to electrical equipment which is located separately from the appliance.

prEVS 53117

Tähtaeg: 2002-08-01

Identne IEC 60335-2-6:1997

ja identne EN 60335-2-6:1999

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

This standard deals with the safety of stationary cooking ranges, hobs, ovens and similar appliances for household use, their rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral and 480 V for other appliances.

97.120

Majapidamisautomaatika

Automatic controls for
household use

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 53087

Tähtaeg: 2002-08-01

Identne IEC 60730-2-14:1995

ja identne EN 60730-2-
14/A1:2001

**Automatic electrical controls for
household and similar use - Part
2: Particular requirements for
electric actuators**

This part of IEC 730 applies to electric actuators for use in, on, or in association with equipment for household and similar use for heating, air-conditioning and ventilation. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof. This part 2 applies to electric actuators using NTC or PTC thermistors, additional requirements for which are contained in annex J.

prEVS 53107

Tähtaeg: 2002-08-01

Identne IEC 60730-2-3:1990

ja identne EN 60730-2-3/A2:2001

**Automatic electrical controls for
household and similar use - Part
2: Particular requirements for
thermal protectors for ballasts
for tubular fluorescent lamps**

Applies to the inherent safety, to the operating values, operating times and operating sequences where such are associated with equipment safety and to the testing of thermal protectors for ballasts for tubular fluorescent lamps supplied up to 600 V (50 Hz or 60 Hz).

97.150

**Mittetekstiilsed
põrandakatted**

Non-textile floor coverings

UUED STANDARDID

EVS-EN 423:2002

Hind 66,00

Identne EN 423:2001

**Resilient floor coverings -
Determination of resistance to
staining**

This European Standard specifies a method for determining the resistance of a resilient floor covering to those chemical substances it is likely to experience in service.

EVS-EN 424:2002

Hind 66,00

Identne EN 424:2001

**Elastsed põrandakatted.
Mööbljala modelleeritud
lükumise mõju määramine**

This European Standard specifies a method for determining the resistance of an installed resilient floor covering to the mechanical stress resulting from the movement of a furniture leg.

EVS-EN 13413:2002

Hind 83,00

Identne EN 13413:2001

**Resilient floor coverings -
Polyvinyl chloride floor
coverings on a filled fibrous
backing - Specification**

This European Standard specifies the characteristics of floor coverings with compact surface layers, made of polyvinyl chloride and modifications thereof, on a filled fibrous backing and supplied in roll form. To encourage the consumer to make an informed choice, the standard includes a classification system (see EN 685) based on intensity of use, which shows where these floor coverings should give satisfactory service. It also specifies requirements for marking.

97.170

Tualett-tarbed

Body care equipment

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 53100

Tähtaeg: 2002-08-01

Identne IEC 60335-2-23:1990

ja identne EN 60335-2-
23:1996/A1:2001

**Safety of household and similar
electrical appliances - Part 2:
Particular requirements for
appliances for skin or hair care**

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

prEVS 53118

Tähtaeg: 2002-08-01

Identne IEC 60335-2-8:1992

ja identne EN 60335-2-
8:1992/A1:2001

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

Deals with the safety of electric shavers, hair clippers and similar appliances intended for household and similar purposes, their rated voltage being not more than 250 V. Examples of similar appliances are motor-operated appliances used for manicure, pedicure and similar purposes.

97.200.50

Mänguasjad

Toys

UUED STANDARDID

EVS-EN 71-1:1999/A7:2002

Hind 66,00

Identne EN 71-1:1998/A7:2002

**Mänguasjade ohutus. Osa 1:
Mehaanilised ja füüsikalised
omadused**

This Part of EN 71 specifies requirements and methods of test for mechanical and physical properties of toys. It includes specific requirements for toys intended for children under 36 months and for toys for children under 10 months. It also specifies requirements for packaging, marking and labelling. The standard applies to toys for children, the toys being any product or material designed or clearly intended for use in play by children of less than 14 years of age. This standard does not cover electrical safety aspects of toys.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53086

Tähtaeg: 2002-08-01

Identne CISPR 55014-2:1997

ja identne EN 55014-2:1997/

A1:2001

Electromagnetic compatibility -

**Requirements for household
appliances, electric tools and
similar apparatus Part 2:
Immunity - Product family
standard**

This standard deals with the electromagnetic immunity of appliances and similar apparatus for household and similar purposes that use electricity as well as electric toys and electric tools, the rated voltage of the apparatus being not more than 250 V for single-phase apparatus to be connected to phase and neutral, and 480 V for other apparatus

STANDARDITE TÜHISTAMISEST

Standardikeskusel on seoses seadusandluse muudatustega kavas tühistada järgmiste Eesti standardite kehtivus:

EVS 663:1995	Joogivesi. Üldnõuded
EVS 6:1995	Tehnospetsifikaadi ülesehitus ja vormistamine

MÜÜGI TOP MAIS

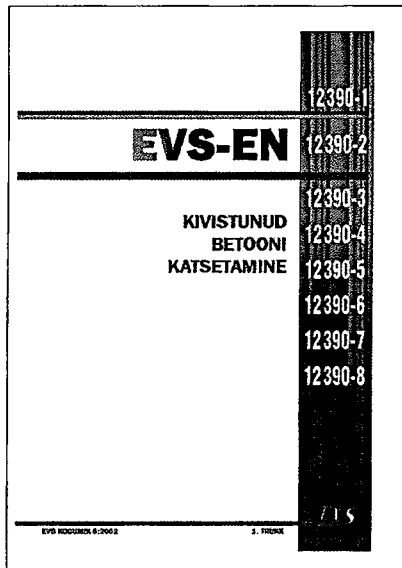
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